AGENDA

THE AITKIN COUNTY PLANNING COMMISSION WILL ASSEMBLE FOR A HEARING ON MAY 19, 2025 AT 4:00 P.M.

IN THE BOARD ROOM OF THE AITKIN COUNTY GOVERNMENT CENTER (THIRD FLOOR)

307 SECOND STREET NW, AITKIN, MINNESOTA 56431

THE FOLLOWING ITEMS WILL BE REVIEWED:

- 1. Call the meeting to order.
- 2. Roll call.
- 3. Approve Agenda.
- 4. NEW BUSINESS:
- **5. Sandy Moose LLC, 172 River Bluffs Lane NW, Rochester, MN 55901** Requesting an Interim Use Permit to operate a Vacation/Short Term Rental in an area zoned Shoreland (Big Sandy Lake). APPROX .30 AC LOT 6 IN DOC 430191, SECTION SEVEN (7), TOWNSHIP FORTY-NINE (49), RANGE TWENTY-THREE (23), Aitkin County, Minnesota. **APP# 2025-000116**
- 6. Kortus Contracting & Remodeling LLC/Wanderlustgirl LLC, 35825 Nature Ave, Aitkin, MN 56431, Requesting an Interim Use Permit to operate a Vacation/Short Term Rental in an area zoned Shoreland (Long Lake). PT NW SW IN DOC 471945, SECTION TWO (2), TOWNSHIP FORTY-SIX (46), RANGE TWENTY-FIVE (25) AND S 50 FT OF THAT PART OF LOT 8 IN B 85 D P 17 9 LESS .05 AC HWY, SECTION THREE (3), TOWNSHIP FORTY-SIX, RANGE TWENTY-FIVE (25), Aitkin County, Minnesota. APP# 2025-000126
- **7. Stephen Cook, 20397 529th Lane, McGregor, MN 55760,** Requesting an Interim Use Permit to operate a Vacation/Short Term Rental, in an area zoned Shoreland (Big Sandy Lake). 21.4 AC LOT 4 IN DOC 464339, SECTION TWENTY-NINE (29), TOWNSHIP FIFTY (50), RANGE TWENTY-THREE (23), Aitkin County, Minnesota. **APP# 2025-000172**
- **8. Rodney Parrott PE, 1598 Imperial Center, Suite 2009, West Plains, MO 65755,** Requesting a rezone from Farm Residential to Commercial for a Dollar General retail store development. N 520 FT OF W 308 FT OF S 1040 FT OF LOT 7 IN DOC 333076, SECTION SIX (6), TOWNSHIP FORTY-EIGHT (48), Range Twenty-three (23), Aitkin County, Minnesota. **APP# 2025-000143**
- **9. Joe W Emery, 39995 355th St, Aitkin, MN 56431**, Requesting a Conditional Use Permit to operate a landscaping business by allowing the sale of landscaping products and firewood sales. W 565 FT OF LOT 3 LYING N & E OF HWY 47, SECTION THIRTY (30), TOWNSHIP FORTY-SEVEN (47), RANGE TWENTY-SIX (26), Aitkin County, Minnesota. **APP# 2025-000142**
- 10. Steve Blom, 4566 Hwy 71 NE, Suite 1, Willmar, MN 56201, Requesting a Conditional Use Permit for a planned unit development for a recreational vehicle park, in an area zoned Shoreland (Elm Island Lake). PT LOT 1 BLOCK 5 AS IN DOC 399207 (TRACT A), PT LOT 1 BLOCK 5 AS IN DOC 399208 (TRACT B), AND PT LOT 1 BLOCK 5 AS IN DOC 399209 (TRACT C), SECTION FIFTEEN (15), TOWNSHIP FORTY-SIX (46), RANGE TWENTY-SIX (26), Aitkin County, Minnesota. APP# 2025-000187
- 11. Approval of Minutes, APRIL 21, 2025 Planning Commission Meeting.
- 12. Adjourn.



Vacation/Short-Term Rental App. # 2025-000116, UID # 213272 App. Status: Pending Review

Aitkin County Planning & Zoning / Environmental Services 307 Second St. NW Room 219, Aitkin, MN 56431

Email: aitkinpz@aitkincountymn.gov

Phone: 218-927-7342 Fax: 218-927-4372

Applicant

	Name:
	Sandy Moose, LLC
	Phone:
	(507) 993 - 7217
Applicant Contact	Email Address:
Information:	jjpalleck@gmail.com
	Mailing Address:
	172 River Bluffs Lane NW
	Rochester MN 55901
Are you the property owner?	Yes

60 Minute Contact Person

	Name:
	Jon Alleckson
	Phone:
	(507) 993 - 7217
Enter Designated Contact	Email Address:
Person:	jjpalleck@gmail.com
	Mailing Address:
	172 River Bluffs Lane NW
	Rochester MN 55901

Property Location

	Property	Property Location				Legal Description			Property Attributes	
Property Information:		Property Address	Township or City Name	Owner Name(s)	Taxpayer Name(s)	Legal Description	Plat Name	Section- Township- Range		Lake Name
	29-0- 014523	50365 214th PI MCGREGOR, MN 55760		ALLECKSON, JONATHAN D	· ·	APPROX .30 AC LOT 6 IN DOC 430191		S:7 T:49 R:23	GD	BIG SAND LAKE

Property Deed

Attach the property deed:	File 1:
	<u></u>

Brief Narrative

Brief Narrative:	3 bedroom/1 bathroom cabin on Big Sandy Lake. 3 bedrooms comfortably sleeping 6 guests. Living area with lake views and large windows. Private dock with kayaks and paddle boards available, as well as space for your own boat. Large deck to view the breathtaking sunset views. Fish and swim right from the dock. Large sandy beach with a fire pit for evening gatherings. MN National Golf Course 5 miles away.	
List all current advertising sources: (Be specific and include website links, rental ID #, etc.)	We will be renting to family, friends, and friends of friends as well as employees of Mayo Clinic as we will be advertising on the Mayo Clinic classified ads.	
Proposed number of overnight guests:	6	
How many rental units will be located on this parcel?	1	
Will you be renting for periods less than one week?	Yes	
Quiet hours will begin at:	10 : 00 <u>PM</u>	
Quiet hours will end at:	08 : 00 <u>AM</u>	

Floor Plan

How many rooms will be used for sleeping?	<u>3</u>
2. How many carbon monoxide alarms are located in the rental?	2
3. How many smoke detector alarms are located in the rental?	2
4. A fire extinguisher must be placed in an easily accessible location within each rental unit. Where is a fire extinguisher located?	Under the kitchen sink
5. Attach a floor plan of the rental unit(s):	File 1: 4 50365_floor_plan.pdf

Sleeping Area #1

Name of Room:	Main floor bedroom
Room Size (Excluding closet or attached bathroom):	110 ft ²
Number of Guests:	2
Select egress window style. (see attached diagram for egress window classifications and requirements):	Double Hung
Was this window installed before July 10, 2007?	<u>No</u>
What is the distance from the floor to the bottom of this window (finished sill):	28 inches
What is the OPENABLE height of this window:	22 inches
What is the OPENABLE width of this window:	32 inches

Sleeping Area #2

Name of Room:	Upstairs North Bedroom
Number of Guests:	2
Room Size (Excluding closet or attached bathroom):	115 ft ²
Select window style. (see attached diagram for window style options):	Double Hung
Was this window installed before July 10, 2007?	<u>No</u>
What is the distance from the floor to the bottom of this window (finished sill)?	12 inches
What is the OPENABLE height of this window?	22 inches
What is the OPENABLE width of this window?	32 inches

Sleeping Area #3

Name of Room:	Upstairs South Bedroom
Number of Guests:	2
Room Size (Excluding closet or attached bathroom):	115 ft ²
Select window style. (see attached diagram for window style options):	Double Hung
Was this window installed before July 10, 2007?	<u>No</u>
What is the distance form the floor to the bottom of this window (finished sill)?	12 inches
What is the OPENABLE height of this window?	22 inches
What is the OPENABLE width of this window?	32 inches

Scaled Site Plan

Attach your scaled site plan:	File 1: 👆 50365_plot_map.pdf
F	

Emergency Contact Info

Septic Tank Pumper:	(218) 768 - 2575
Hospital:	(218) 927 - 2121
Police:	(218) 927 - 7400
Fire:	(218) 768 - 2717
Where in the rental will the emergency contact information be posted?	Listed in the guest handbook

Guest Handbook

Select all that will be included in your guest handbook:	Quiet hours Maximum # of overnight guests Maximum # of non-overnight guests Name & contact information for owner and/or caretaker Property rules related to outdoor features List of conditions placed on the approved IUP A current handbook on recreational vehicle regulations Notice that all ordinances and IUP conditions will be enforced by the Aitkin County Sheriff's Office and Aitkin County Environmental Services (On lakes only) Information and map with DNR public access location
Where in the rental will your handbook will be located?	On the TV stand in the living room

Pet Policy

Pet Policy:	No pets allowed

Garbage Disposal Plan

How often will the garbage be collected?	Garbage will be collected weekly
Enter the name of the garbage service or describe your disposal plan:	There will be garbage and recycling containers in the garage that will be emptied every week.

Water Test Results

Attach Water Test:	File 1: 4 50365_Water_test.pdf	

Septic Requirements

Attach septic compliance:	- 50365septic.pdf
The septic system or well shall include a flow measuring device. Flow measurement readings and monitoring of the septic shall be recorded monthly and made available to Aitkin County. Has a flow meter or event counter been installed on the well or septic system?	Yes
Is the septic system holding tanks? If yes, the application for an Operating Permit will begin after you click Finish.	<u>No</u>

Terms

Interior & Exterior Inspection

After your submitted application is accepted by Environmental Services, a staff member will contact you to schedule an interior inspection to verify the information provided in your application. It is the responsibility of the applicant to have the following in place prior to the inspection:

- 1. Smoke alarms and carbon monoxide alarms installed per MN State Fire Code
- 2. Fire extinguishers are in their designated places and meeting MN State Fire Code
- 3. Flow-measuring device installed on the septic system or well
- 4. Visual demarcations of the property lines

Shamrock Township Lodging Tax Ordinance

If the proposed VRBO is located within Shamrock Township, please be aware there is a Lodging Tax Ordinance that will apply to this rental. For more information, please contact Shamrock Township at (218) 426-3736.

General Terms

The landowner or authorized agent hereby certifies that to the best of their knowledge the application and supporting documents are a factual representation of the proposed project. The landowner or authorized agent agrees that, in making application, the landowner grants permission to Aitkin County, at reasonable times, to enter the property to determine compliance of the application with applicable Local, County or State Ordinances or Statutes. It is the applicant's responsibility to contact other Local, County or State agencies to ensure the applicant has complied with all relevant Local, County or State Ordinances or Statutes.

Submittal of the above materials does not always constitute a complete application. Other information may be necessary to complete the application based on the type of request and onsite inspection.

I acknowledge that by submitting this application, the application and its attachments are public information.

Invoice #62357 (03/24/2025) Expected Payment Method: Pay Online - Card or ECheck

Charge	Cost	Quantity	Total
Recording Fee added 03/08/2025 10:10 AM This fee is non-refundable if denied.	\$46.00	x 1	\$46.00
Vacation/Private Home Rental added 03/08/2025 10:10 AM This fee is non-refundable if denied.	\$650.00	x 1	\$650.00
Grand Total			
		Total	\$696.00
	Pa	nyment 03/24/2025	\$696.00
		Due	\$0.00

Conditions of Permit

None

Approvals

Approval	Signature
Applicant	Jon Alleckson - 03/24/2025 8:30 PM 9f9227d0efd30e1e132fad46c64a94c8 62b6b1af9016565c7a349a637a6a68a1
#1 Administrative Staff	Shannon Wiebusch - 04/07/2025 9:45 AM 5ed34e585754ee5d7f1ac3599e8f90c0 2bc378936adb3e2f254ea5398f12ff4d
#2 Planning Commission	

Print View

CRV Filed No Delinquent Taxes and Transfer Entered Kirk Peysar, County Auditor State Deed Tax Paid Lori Grams, County Treasurer



Doc No: A483828

Certified Filed and/or Recorded on 9/19/2024 8:57 AM

Office of the County Recorder Aitkin County, Minnesota Tara Snyder, County Recorder

Package: 91053 Tara

WAD 1/2

REC FEE

SDT \$1782.00

\$46.00

eCRV # 1691982

WC RCVD \$50.00

This cover sheet was added by the Aitkin County Recorder's Office to allow space for the recording information of this document. It is not intended to alter the document/certified copy.

This cover sheet is now a permanent part of the recorded document.

(Top 3 inches reserved for recording data) **WARRANTY DEED** Minnesota Uniform Conveyancing Blanks Individual(s) to Individual(s) Form 10.1.1 (2016) eCRV number: DEED TAX DUE: \$ 1782.00 DATE: September 13, 2024 (month/day/year) FOR VALUABLE CONSIDERATION, Matthew K. Hendrickson, a single person (insert name and marital status of each Grantor) ("Grantor"), hereby conveys and warrants to _Jonathan D. Alleckson (insert name of each Grantee) ("Grantee"), as □ tenants in common, (If more than one Grantee is named above and either no box is checked or both boxes are checked, (Check only one box.) joint tenants, this conveyance is made to the named Grantees as tenants in common.) real property in Aitkin County, Minnesota, legally described as follows: see attached Exhibit A for legal description Check here if all or part of the described real property is Registered (Torrens) together with all hereditaments and appurtenances belonging thereto, subject to the following exceptions: Covenants, restrictions, reservations and easements of record, if any.

 Check applicable box: The Seller certifies that the Seller does not know of any wells on the described real property. A well disclosure certificate accompanies this document or has been electronically filed. (If electronically filed, insert WDC number: I am familiar with the property described in this instrument and I certify that the status and number of wells on the described real property have not changed since the last previously filed well disclosure certificate. 	Grantor Matthew K. Hendrickson (signature)
State of Minnesota, County of <u>Aitkin</u> This instrument was acknowledged before me on <u>September</u>	Matthew K. Hendrickson, a single person
(month/day/	year)
(insert name and marital	status of each Grantor)
(Stamp) Annette M. Wilkie Notary Public	(signature of notarial officer) Title (and Rank):
Minnesota My Commission Expires January 31, 2025	My commission expires:
THIS INSTRUMENT WAS DRAFTED BY:	TAX STATEMENTS FOR THE REAL PROPERTY DESCRIBED IN THIS

McGregor Title PO Box 309 McGregor, MN 55760

INSTRUMENT SHOULD BE SENT TO: (insert legal name and residential or business address of Grantee)

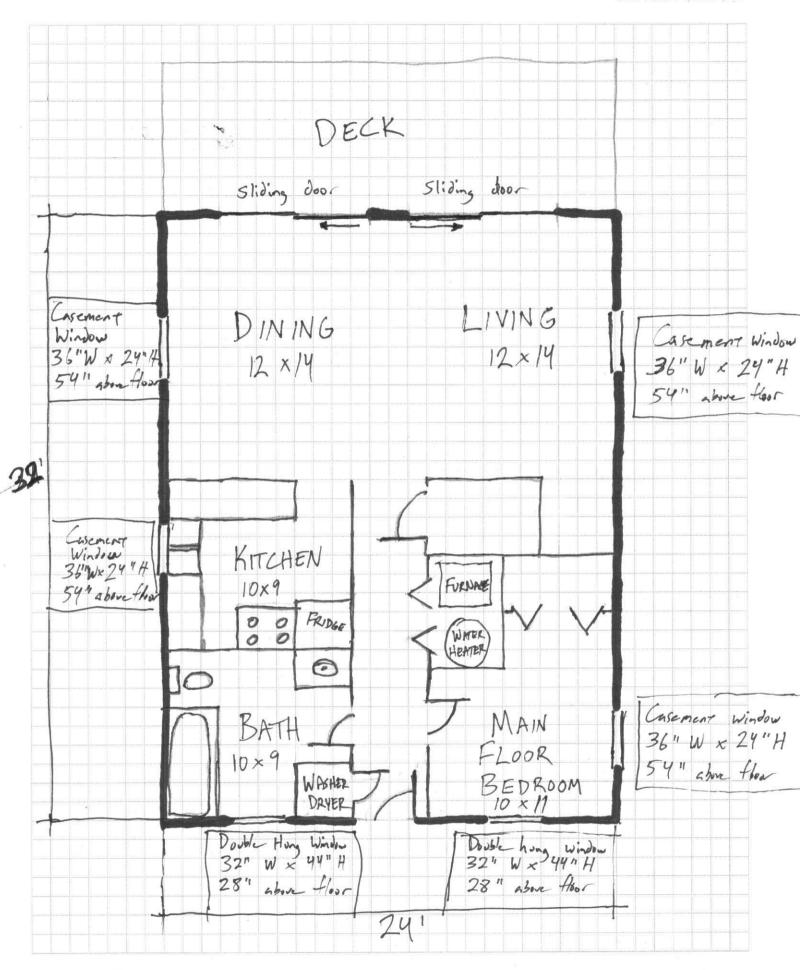
Jonathan D. Alleckson 172 River Bluffs Ln NW Rochester, MN 55901

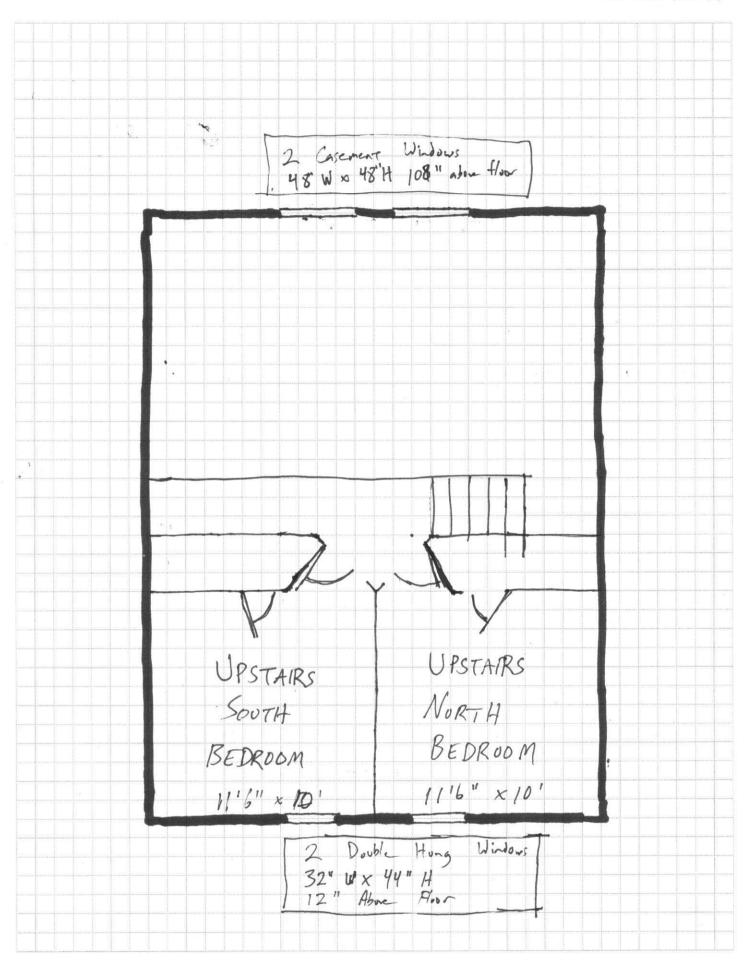
EXHIBIT "A"

The Land is described as follows:

That part of Government Lot Six (6), Section Seven (7), Township Forty-nine (49), Range Twenty-three (23), described as follows: Commencing at a point on the North line of said Lot 6, 378.68 feet, North 66 degrees 37 minutes East, from the center of said Section 7; thence South 51 degrees 14 minutes East, 137.6 feet; thence South 12 degrees 19 minutes East, 409.4 feet, thence South 50 degrees 34 minutes East, 155.85 feet; thence South 6 degrees 06 minutes West, 110.0 feet to the point of beginning of the tract to be herein described; thence continuing South 6 degrees 06 minutes West, 100.0 feet; thence South 80 degrees 18 minutes East, 30 feet more or less to the shore of Big Sandy Lake; thence North 80 degrees 18 minutes West along the afore described line 154 feet more or less to the shore of Big Sandy Lake; thence northerly along the shore of said Lake 100 feet more or less to its intersection with a line drawn North 81 degrees 10 minutes West from the point of beginning; thence South 81 degrees 10 minutes East along said line 140 feet more or less through the point of beginning to the shore of Big Sandy Lake; thence southerly along the shore of said Lake 100 feet more or less to its intersection with the afore mentioned line having a bearing of North 80 degrees 18 minutes West.

Together with an easement for a road 20 feet in width across Government Lots 4 and 6, Section 7, Township 49, Range 23, the center line of said road being described as follows. Beginning at a point on the West line of said Lot 4, 323.52 feet, North 0 degrees 04 minutes East of the center of said Section 7; thence North 70 degrees 37 minutes East, 110.58 feet, thence South 37 degrees 12 minutes East, 239.5 feet; thence South 41 degrees 09 minutes East, 195.45 feet, to a point on the south line of said Lot 4, 378.68 feet North 86 degrees 37 minutes East from the center of said Section 7; thence South 51 degrees 14 minutes East, 137.8 feet; thence South 12 degrees 19 minutes East, 409.4 feet; thence South 50 degrees 34 minutes East, 155.85 feet; thence South 6 degrees 06 minutes West 478.85 feet, thence South 29 degrees 47 minutes West, 195.0 feet (and 10 feet in width from this point on); thence North 57 degrees 33 minutes West, 120.0 feet; thence South 42 degrees 43 minutes East, 100.0 feet, thence South 55 degrees 23 minutes East, 20.0 feet along the afore 20.0 feet there terminating.





LOT 100 WIDE LENGTH 174 (165) LAKE @ 1216,3 Swimming Beach 50/ 451 **Firepit** 101 E L L. 125 DECK 96 DRAIN Parking FIELD area 181 11' ROAD 214 Th PLACE 14 SEE REVERSE SIDE 34 401 LAKE @ 1216,3 SCALEIMANI



awlab.com 218-829-7974 314 Charles Street Brainerd, MN 56401

Analysis Report

May 24, 2024

REPORT TO:

Antonsen Excavating Tom Antonsen 17633 State Hwy 6 Deerwood MN 56444 INVOICE TO:

Antonsen Excavating Tom Antonsen 17633 State Hwy 6 Deerwood MN 56444

Date Rovd-Brnd: Time Rcvd-Brnd: 5/20/2024

10:42

Sampled By:

TYPE:

Tom Antonsen

Sample Type: Recv Temp°C:

4.0 on ice Well Water

LOCATION:

Hendrickson, Matthew

50365 - 214th PI

McGregor

MN 55760

SITE / TEST PERFORMED	Sample Date/Time	Your Result	Units	Acceptable Level	Analytical Method	Analysis Date/Time	Analyst	Code #
Kitchen Tap	5/19/2024 @ 16:3	35						
Coliform, Total		ABSENT	/100mL	ABSENT	SM 9223 B (COLISURE)-2016	5/20/24 16:05	МН	091822
Eschericha coli (E. coli)		ABSENT	/100mL	ABSENT	SM 9223 B (COLISURE)-2016	5/20/24 16:05	МН	091822
Nitrate, as N		0.762	mg/L	< 10	EPA 353.2 REV 2.0	5/21/24 09:38	МН	091822

Sample 091822: This sample meets the State of Minnesota and EPA Guidelines for safe drinking water for the analytes tested.

Approved By:

Date Approved:

5/24/2024

Sara Ahlers, Laboratory Director

A.W. Research Laboratories, Inc. is accredited by the MNELAP and follows approved methods and procedures. MN State Laboratory ID: 027-035-135 and EPA Lab Code: MN00098. All data generated using non-accredited methods noted as -NC, and all analytes for which accreditation is unavailable -NA. The results above relate only to the samples tested. This report must not be reproduced, except in full, without the written approval of the laboratory. We appreciate your feedback, please email us at awlab@awlab.com with questions or comments. Thank you!

~End of Analysis Report~



Lab Report Code: 091822 Page 1 of 1

AITKIN COUNTY CERTIFICATE OF INSTALLATION/NOTICE OF NONCOMPLIANCE

day of _		September	, 20	0 24 to ce	ertify co	mpliance\r	sued this 20th noncompliance with
The prer	nises co	ubsurface Sewered by this of 6 in DOC 4301	certifica				
		_ Township _ 48882					
		214th pl, McG	_		Mattile	vv 11chance	3011
		2.11.10.11.11.00			und Exc	***	
Type of	System I	nspected		Tá	ank Repl	acement	
		29-0-0145					
following 1) re 2) Ai	: Inspection Inspection Inspection Inspection Review Itkin Coul	on of the insta permit and a of as-built pla nty's Subsurfa	allation pplicati ins sub ace Sev	or construction design. mitted in acwage Treat	ction as ccordan ment Sy	in accorda ce with Su ystem Ord	
Aitkin Co shall ser	ounty's Sove as a N		wage T ition:	reatment S	System (Ordinance	noncompliance with then the following westigations:
2)	List of s	pecific violatio	ons of (Ordinance:_			
3)	Require	ments for cor	rection	or removal	of viola	tions:	
4)	Time sc	hedule for cor	mpliand	ce:			
turned o	ver to the		ty Attor	ney's Office	e for fur	ther legal a	s matter being action, which may onment.
INSPEC [*]	TOR SIG	NATURE	Jody (Grund			-

SUBSURFACE SEWAGE TREATMENT SYSTEM INSPECTION FORM AITKIN COUNTY, MINNESOTA

July 100	Inspector's Comments:		Type & location of alarm	line	cycle	Horsepower & GPM	& model # Zeeller bN53	PUMPS: New Existing Tank capacity and type	Manhole to grade Yes No No	Manholes size 2-20" 1-2"	Type of baffle 1/05t/2		SEPTIC TANKS: New > Existing	Lake/Creek/Wetland	Well(s) 50' or 100'	70'		Repair	JiZ Zil	50365 2/4/h P)	nip Shamrock
Installer's Signature		Cabin	Final cover	Dimensions of sand base	Dimensions of rock bed	Perforation size & spacing Pipe size & spacing	Depth of sand below rock	Sideslope sand width	Upslope sand width	MOUNDS: Percent slope	Absorption area: square feet	Depth of backfill	Drainfield rock below pipe	Trench spacing	Trench/Bed bottom width	Trench/Bed lepth	TRENCHES, BEDS, OR GRAVELLESS LEACHFIELD:	DIST. or DROP BOX & TYPE	760	FKILL	7/20/2021/ App. Number 2024-00/58



Vacation/Short-Term Rental App. # 2025-000126, UID # 213275 App. Status: Pending Review Aitkin County Planning & Zoning / Environmental Services 307 Second St. NW Room 219, Aitkin, MN 56431

Email: aitkinpz@aitkincountymn.gov

Phone: 218-927-7342 Fax: 218-927-4372

Applicant

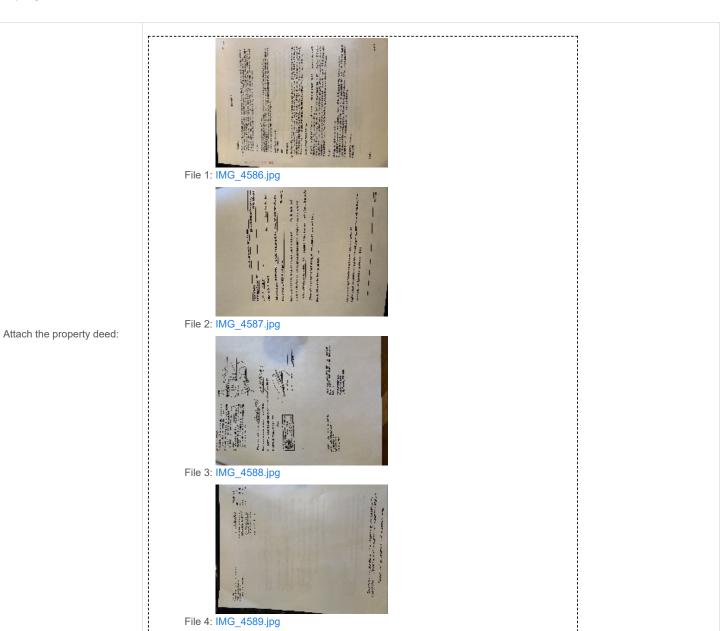
	Name: Kortus Contracting and Remodeling, LLC
	Phone:
	(651) 325 - 6691
Applicant Contact	Email Address:
Information:	tskortus@gmail.com
	Mailing Address:
	35825 Nature Ave. Aitkin MN 56431
Are you the property owner?	<u>Yes</u>

60 Minute Contact Person

	Name:
	Susan Kortus
	Phone:
	(218) 839 - 7566
Enter Designated Contact	Email Address:
Person:	tskortus@gmail.com
	Mailing Address:
	35825 Nature Ave.
	Aitkin MN 56431

Property Location

	Property	Location				Legal Descr	iption		Prope Attrib	-
		Property Address 30196	-	Owner Name(s)	Taxpayer Name(s)	Legal Description		Section- Township- Range	Lake Class	
Property Information:	09-0- 002900	Dam Lake St	GLEN TOWNSHIP	WANDERLUSTGIRL LLC &	WANDERLUSTGIRL LLC &	PT NW SW IN DOC 471945		S:2 T:46 R:25		
	09-0- 005500		GLEN TOWNSHIP	WANDERLUSTGIRL LLC &		S 50 FT OF THAT PART OF LOT 8 IN B 85 D P 17 9 LESS .05 AC HWY		S:3 T:46 R:25	RD	LONG LAKE (GLE TWP)



Brief Narrative

Brief Narrative:	Our advertising is not set in place yet. We are waiting on the permit		
List all current advertising sources: (Be specific and include website links, rental ID #, etc.)	We will comply with the conditions of the permit		
Proposed number of overnight guests:	6		
How many rental units will be located on this parcel?	1		
Will you be renting for periods less than one week?	<u>Yes</u>		
Quiet hours will begin at:	10 : 00 <u>PM</u>		
Quiet hours will end at:	08 : 00 <u>AM</u>		

Floor Plan

How many rooms will be used for sleeping?	<u>3</u>
2. How many carbon monoxide alarms are located in the rental?	3
3. How many smoke detector alarms are located in the rental?	3
4. A fire extinguisher must be placed in an easily accessible location within each rental unit. Where is a fire extinguisher located?	underneath kitchen sink
5. Attach a floor plan of the rental unit(s):	File 1: - IMG_4585.pdf

Sleeping Area #1

Name of Room:	bedroom
Room Size (Excluding closet or attached bathroom):	121 ft ²
Number of Guests:	2
Select egress window style. (see attached diagram for egress window classifications and requirements):	Casement
Was this window installed before July 10, 2007?	<u>No</u>
What is the distance from the floor to the bottom of this window (finished sill):	40 inches
What is the OPENABLE height of this window:	37 inches
What is the OPENABLE width of this window:	20.5 inches

Sleeping Area #2

Name of Room:	livingroom
Number of Guests:	2
Room Size (Excluding closet or attached bathroom):	168 ft ²
Select window style. (see attached diagram for window style options):	Exterior Door/Patio Door
Was this window installed before July 10, 2007?	<u>No</u>
What is the distance from the floor to the bottom of this window (finished sill)?	80 inches
What is the OPENABLE height of this window?	80 inches
What is the OPENABLE width of this window?	36 inches

Sleeping Area #3

Name of Room:	Bedroom 2 living area
Number of Guests:	2
Room Size (Excluding closet or attached bathroom):	202 ft ²
Select window style. (see attached diagram for window style options):	Exterior Door/Patio Door
Was this window installed before July 10, 2007?	<u>No</u>
What is the distance form the floor to the bottom of this window (finished sill)?	72 inches
What is the OPENABLE height of this window?	72 inches
What is the OPENABLE width of this window?	23 inches

Scaled Site Plan

Attach your scaled site plan:	File 1: IMG_4625.pdf
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Emergency Contact Info

Septic Tank Pumper:	(218) 927 - 6175
Hospital:	(218) 927 - 2121
Police:	(218) 927 - 2133
Fire:	(218) 927 - 3303
Where in the rental will the emergency contact information be posted?	In the dining room on a cabinet in our emergency information book

Guest Handbook

Select all that will be	Quiet hours Maximum # of overnight guests Maximum # of non-overnight guests
	Name & contact information for owner and/or caretaker
	Property rules related to outdoor features
included in your guest handbook:	List of conditions placed on the approved IUP
Halldbook.	A current handbook on recreational vehicle regulations
	Notice that all ordinances and IUP conditions will be enforced by the Aitkin County Sheriff's Office and Aitkin County
	Environmental Services
	(On lakes only) Information and map with DNR public access location
Where in the rental will your handbook will be located?	Same area as emergency contact information

Pet Policy

Pet Policy: No pets allowed.	
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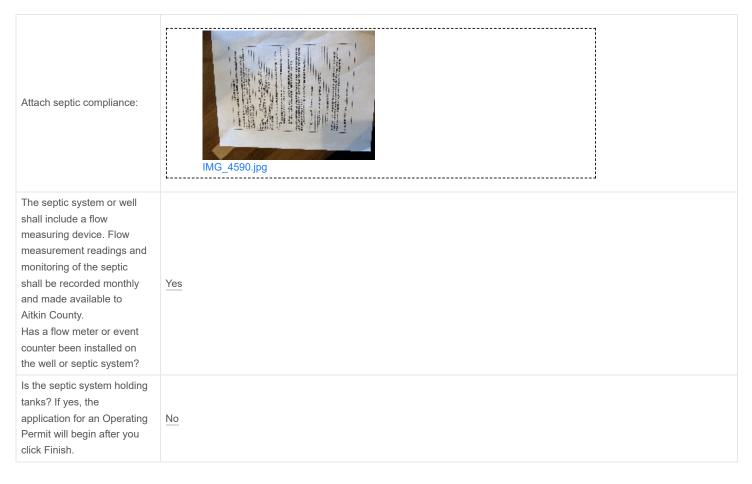
Garbage Disposal Plan

How often will the garbage be collected?	weekly
Enter the name of the garbage service or describe your disposal plan:	Sunnyside

Water Test Results

Attach Water Test:	File 1: - IMG_4625.pdf
	<u></u>

Septic Requirements



Terms

Interior & Exterior Inspection

After your submitted application is accepted by Environmental Services, a staff member will contact you to schedule an interior inspection to verify the information provided in your application. It is the responsibility of the applicant to have the following in place prior to the inspection:

- 1. Smoke alarms and carbon monoxide alarms installed per MN State Fire Code
- 2. Fire extinguishers are in their designated places and meeting MN State Fire Code
- 3. Flow-measuring device installed on the septic system or well
- 4. Visual demarcations of the property lines

General Terms

The landowner or authorized agent hereby certifies that to the best of their knowledge the application and supporting documents are a factual representation of the proposed project. The landowner or authorized agent agrees that, in making application, the landowner grants permission to Aitkin County, at reasonable times, to enter the property to determine compliance of the application with applicable Local, County or State Ordinances or Statutes. It is the applicant's responsibility to contact other Local, County or State agencies to ensure the applicant has complied with all relevant Local, County or State Ordinances or Statutes.

Submittal of the above materials does not always constitute a complete application. Other information may be necessary to complete the application based on the type of request and onsite inspection.

I acknowledge that by submitting this application, the application and its attachments are public information.

Invoice #62360 (03/28/2025) Expected Payment Method: Pay Online - Card or ECheck

Charge	Cost	Quantity	Total
Recording Fee added 03/09/2025 12:40 PM This fee is non-refundable if denied.	\$46.00	x 1	\$46.00
Vacation/Private Home Rental added 03/09/2025 12:40 PM This fee is non-refundable if denied.	\$650.00	x 1	\$650.00
Grand Total			
		Total	\$696.00
	Pa	yment 03/28/2025	\$696.00
		Due	\$0.00

Conditions of Permit

None

Approvals

Approval	Signature
Applicant	Susan M. Kortus - 03/28/2025 10:28 AM 47d5edbb46304a0ab0639b8d5e3e7f2b c6e1e36a913f27e089d30985e0b9fb22
#1 Administrative Staff	Shannon Wiebusch - 04/07/2025 9:46 AM ed2f7a36b9cf6b1d80f9a5608f17b6fc 83118050bf683c0fd0116be82e1a4380
#2 Planning Commission	

Text:	To be heard at the May 19, 2025 Planning Commission meeting.	
File(s):		
	L	

Print View

CRV Filed
No Delinquent Taxes and Transfer Entered
Kirk Peysar, County Auditor
State Deed Tax Paid
Lori Grams, County Treasurer

Doc No: A480060

Certified Filed and/or Recorded on 12/19/2023 12:39 PM

Office of the County Recorder Aitkin County, Minnesota Tara Snyder, County Recorder

Package: 85191 Terr

WAD 3/4

REC FEE

SDT \$544.50

\$46.00

eCRV# 1609363
WC RCVD \$50.00

This cover sheet was added by the Aitkin County Recorder's Office to allow space for the recording information of this document. It is not intended to alter the document/certified copy.

This cover sheet is now a permanent part of the recorded document.

Check applicable box: ☐ The Seller certifies that the Seller does not know of any wells on the described real property. ☐ A well disclosure certificate accompanies this document or has been electronically filed. ☐ (If electronically filed, insert WDC number: ☐ I am familiar with the property described in this instrument and I certify that the status and number of wells on the described real property have not changed since the last previously filed well disclosure certificate.	Grantor Timothy D. Holisak Lisa Holisak Jeffréy H. Holisak
State of Minnesota, County of Language This instrument was acknowledged before me on by Timothy D. Holisak and Lisa Holisak, spouses man	18/8/003
by Jeffrey H. Holisak, a single person. (Stamp) MARGUERITE J CUTCHEY NOTARY PUBLIC MINNESOTA My Commission Expirés Jain. 31, 2025	(signature of motamal omicer) Title (and Rank): My commission expires: (month/day/year)

THIS INSTRUMENT WAS DRAFTED BY:
Aitkin County Abstract Company
112 3rd Street NW
Aitkin, MN 56431
File No. 23-0316

TAX STATEMENTS FOR THE REAL PROPERTY DESCRIBED IN THIS INSTRUMENT SHOULD BE SENT TO:

Wanderlustgirl LLC 2944 Arcade Street Little Canada, MN 55109

	3 inches reserved for recording data)	
	Minneso	ta Uniform Conveyancing Blanks Form 10.1.3 (2018
WARRANTY DEED Individual(s) to Business Entity		
e-CRV No.: 1609363		
DEED TAX DUE: \$544.50	DATE:	December 15, 2023
FOR VALUABLE CONSIDERATION,	Timothy D. Holisak and Lisa Holisak	, spouses married to each
other; and Jeffrey H. Holisak, a single	person	("Grantor")
hereby convey(s) and warrant(s) an un	divided one-half (1/2) interest to	Wanderlustgirl LLC
a Limited Liability Company under the	laws of Minnesota and an undivided on	e-half (1/2) interest to
Kortus Contracting and Remodeling		
Transfer de la confederation de la confederati	a Limited Liability Company	under the laws of Minnesota
("Grantee"), real property in Aitkin (County, Minnesota, legally described as	follows:
See EXHIBIT A attached hereto for leg	gal description	
Check here if all or part of the described a		
together with all hereditaments and an	eal property is Registered (Torrens)	
reservations, restrictions and occurrent	purtenances belonging thereto, subject	to the following exceptions:
reservations, restrictions and easemer	nts of record, if any.	

EXHIBIT A

PARCELI

That part of the Northwest Quarter of the Southwest Quarter (NW¼ of SW¼) of Section Two (2), Township Forty-six (46), Range Twenty-five (25), hereinafter referred to as said "Forty", described as follows, to-wit: Commencing at the Northwest corner of said "Forty"; thence running South along the West line thereof a distance of Two Hundred Fifty (250) feet to the point of beginning; thence East Two Hundred Ninety and Four-tenths (290.4) feet; thence South Three Hundred (300) feet; thence West Two Hundred Ninety and Four-tenths (290.4) feet; thence North Three Hundred (300) feet, to the point of beginning.

EXCEPT

PARCEL NO. 25 described as follows:

All that part of the NW¼ of SW¼, Section 2, Township 46 North, Range 25 West, described as follows: Beginning at a point on the west line of Section 2, said point being 250 feet south of the northwest corner of the NW¼ of the SW¼; thence east a distance of 45 feet; thence south a distance of 300 feet; thence west a distance of 45 feet; thence north 300 feet to the point of beginning.

Aitkin County, Minnesota (ABSTRACT)

AND

PARCEL II

The South Fifty (50) feet of that part of Government Lot Eight (8), Section Three (3), Township Forty-six (46), Range Twenty-five (25), which was conveyed by Warranty Deed under date of July 5, 1951 in which Margaret Schoeben appears as grantor and Harold E. Newton and Elzina M. Newton, his wife appear as grantees and which Warranty Deed was duly filed for record in the office of the Register of Deeds in and for Aitkin County, Minnesota on July 18, 1951 and which was duly recorded therein in Book "85" of Deeds, page 179 thereof.

ALSO DESCRIBED AS FOLLOWS:

The South Fifty (50) feet of that part of Government Lot Eight (8), Section Three (3), Township Forty-six (46), Range Twenty-five (25), described as follows:

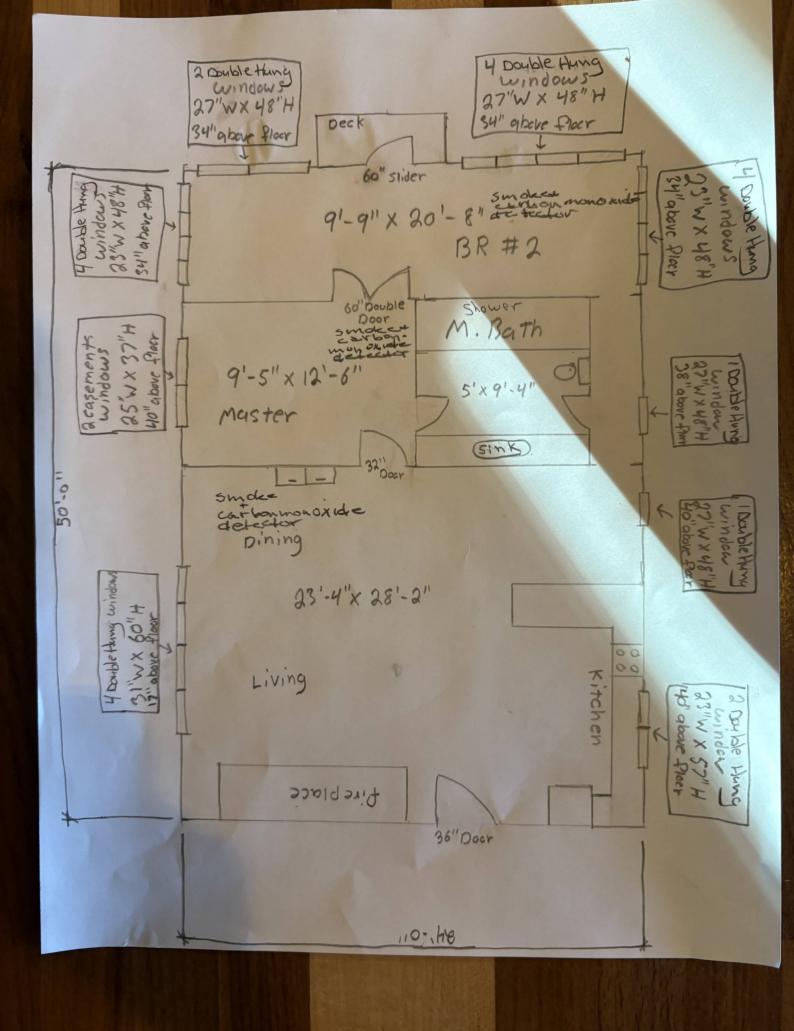
All of Lot 8 of Section Three (3), Township Forty-six (46), Range Twenty-five (25) West of the Fourth P.M. which lies South of the East and West center line of said Section, EXCEPT that part thereof lying South of a line commencing on Section line at a point Nine and Three Hundred and Thirteen Thousandths (9.313) chains South of the quarter post on East line of said Section Three (3) and extending West to the shore of Long Lake.

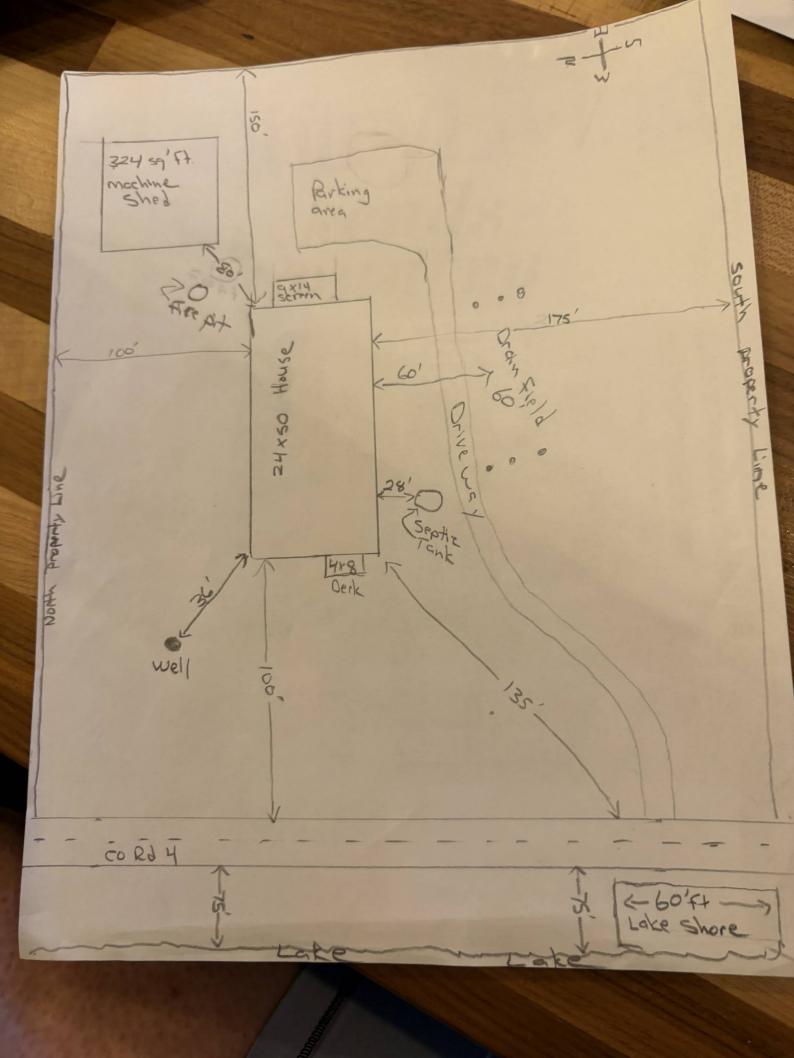
EXCEPT

PARCEL NO. 26 described as follows:

All that part of Government Lot 8, Section 3, Township 46 North, Range 25 West, described as follows: Beginning at a point on the east line of said Section 3, said point being 564.6 feet south of the east quarter of 45 feet; thence west a distance of 45 feet; thence south a distance of 50 feet; thence east a distance of 45 feet; thence north a distance of 50 feet to the point of beginning.

Aitkin County, Minnesota (ABSTRACT)







awlab.com 218-829-7974 314 Charles Street Brainerd, MN 56401

Analysis Report

March 26, 2025

REPORT TO: INVOICE TO:

Kortus, Sue 30196 Dam Lake Street Aitkin MN 56431

Date Rcvd-Brnd: 3/24/2025

Sampled By:

Sue Kortus

LOCATION:

Time Rcvd-Brnd: 15:47

Sample Type:

DW

Kortus, Sue 30196 Dam Lake Street

Recv Temp°C: 10.3 on ice
TYPE: Well Water

Aitkin MN 56431

SITE / TEST PERFORMED	Sample Date/Time	Your Result	Units	Acceptable Level	Analytical Method	Analysis Date/Time	Analyst	Code #
Kitchen Tap	3/24/2025 @ 14:3	30						
Coliform, Total		ABSENT	/100mL	ABSENT	SM 9223 B (COLISURE)-2016	3/24/25 16:14	DH	106947
Eschericha coli (E. coli)		ABSENT	/100mL	ABSENT	SM 9223 B (COLISURE)-2016	3/24/25 16:14	DH	106947
Nitrate, as N		< 0.500	mg/L	< 10	EPA 353.2 REV 2.0	3/25/25 15:13	ZP	106947

Sample 106947: This sample meets the State of Minnesota and EPA Guidelines for safe drinking water for the analytes tested.

Approved By: Sepaniu Kutul

Date Approved: 3/26/2025

Stephanie Kuesel, Laboratory Manager

A.W. Research Laboratories, Inc. is accredited by the MNELAP and follows approved methods and procedures. MN State Laboratory ID: 027-035-135 and EPA Lab Code: MN00098. All data generated using non-accredited methods noted as -NC, and all analytes for which accreditation is unavailable -NA. The results above relate only to the samples tested. This report must not be reproduced, except in full, without the written approval of the laboratory. We appreciate your feedback, please email us at awlab@awlab.com with questions or comments. Thank you!

~End of Analysis Report~



Lab Report Code: 106947 Page 1 of 1

SUBSURFACE SEWAGE TREATMENT SYSTEM INSPECTION FORM AITKIN COUNTY, MINNESOTA

Township GeV Date of Inspe	ection 9/19/2024 App. Number 2024-0017
Owner Wander Inst Girl LLC	Parcel Number 09-0-002900
Project Address 30196 Dam 1 g Ke	
ALLO	installer
Zip Code	56431 Type 1 3BR Trenches
	DIST. or DROP BOX & TYPE
SETBACKS: Buildings to tank(s)	TRENCHES, BEDS, OR GRAVELLESS LEACHFIELD:
Buildings to drainfield 60	Trench/Bed depth
Well(s) 50' or 100'	Trench/Bed length 5/
Lake/Creek/Wetland	Trench/Bed bottom width 3
SEPTIC TANKS: New Existing	Drainfield rock below pipe/2 Size of gravelless pipe
Number of tanks installed 1500 Jacobson	* C3 //
Liquid capacity and type 15 98	Absorption area: square feet
Type of baffle Plastic	lineal feet 153
Inspection pipes 105	MOUNDS:
Manholes size Z 20"	Percent slope
Manhole to grade Yes No	Upslope sand width
Plumo	Downslope sand width
PUMPS: New Existing	Sideslope sand width
Tank capacity and type	Drainfield rock below pipe
Pump manufacturer & model #	Depth of sand below rock
Horsepower & GPM	Perforation size & spacing
Feet of head Gallons per cycle	Pipe size & spacing
Size of discharge line	Dimensions of rock bed
Type & location of alarm	Dimensions of sand base
Water meter	Final cover
DRAWING OF SYSTEM: (include soils)	
0-6" Topsoil 10 Y/R 3/2 1 6-16" sandy local 10 YR 5/6 N 16-60" sand 10 YR 5/6	House
11 5 andy lown 1042 5/6 N	1
6-16 1048 511	1
15 COT 10 am	101
16-00 sano	0
	76'.
	50
	51
*	5
	120
nspector's Comments:	
Of My Mark	
spector's Signature	Installer's Signature Linny
ev:1/13 White – County Yell	low - Applicant Pink - Installer
V /	- Francisco I IIIV - IIIstallel

AITKIN COUNTY CERTIFICATE OF INSTALLATION/NOTICE OF NONCOMPLIANCE

This certificate of installation/notice of noncompliance has been issued this 19th day of September, 20 24 to certify compliance\noncompliance with Aitkin County's Subsurface Sewage Treatment System Ordinance. The premises covered by this certificate are legally described as: PT NW SW IN DOC 471945
Section 2 Township 46 Range 25 Lake PERMIT NO. 48992 Owner Name Wanderlustgirl LLC Address 30196 Dam Lake St, Aitkin, MN, 56431 Installer Name Liljequist Excavating Type of System Inspected Type 1 Trench System Parcel Number 09-0-002900
The certificate of installation/notice of noncompliance was based on No _1_ 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 gody Grund



Vacation/Short-Term Rental App. # 2025-000172, UID # 213536 App. Status: Pending Review

Aitkin County Planning & Zoning / Environmental Services 307 Second St. NW Room 219, Aitkin, MN 56431

Email: aitkinpz@aitkincountymn.gov

Phone: 218-927-7342 Fax: 218-927-4372

Applicant

60 Minute Contact Person

Stephen Phone:
(040) 000 0400
(218) 392 - 0196
Email Address:
scool90110@gmail.com
Mailing Address:
20397 529th Lane
McGregor MN 55760

Property Location

	Property Location				Legal Description			Property Attributes		
Property Information:	Parcel Number	Property Address	Township or City Name	Owner Name(s)	Taxpayer Name(s)	Legal Description	Plat Name	Section- Township- Range	Lake Class	Lake Name
	32-0- 050800	20397 529th Ln MCGREGOR, MN 55760	TURNER TWP	COOK, STEPHEN ETAL	COOK, STEPHEN ETAL	21.4 AC LOT 4 IN DOC 464339		S:29 T:50 R:23	GD	BIG SANDY LAKE

File 2: Deed_1.prg File 3: Deed_3.png File 4: Deed_4.png		·	
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Brief Narrative

Brief Narrative:	Discover a sanctuary of tranquility in this spacious, luxury home set against the serene backdrop of Big Sandy Lake. Ideal for gatherings and cherished moments, this retreat comfortably sleeps up to 12 guests, making it the perfect escape for families or groups seeking a peaceful getaway. Immerse yourself in the privacy this exquisite home offers, allowing you to reconnect with nature and each other. This rental invites you to create lasting memories in a truly remarkable setting. Embrace the beauty of the outdoors and the comfort of luxurious living?your next adventure awaits.	
List all current advertising sources: (Be specific and include website links, rental ID #, etc.)	None yet, soon to be Airbnb and VRBO. We have the accounts set up but not live until approval.	
Proposed number of overnight guests:	12	
How many rental units will be located on this parcel?	1	
Will you be renting for periods less than one week?	<u>Yes</u>	
Quiet hours will begin at:	07 : 00 <u>AM</u>	
Quiet hours will end at:	12 : 00 <u>PM</u>	

Floor Plan

How many rooms will be used for sleeping?	$\frac{4}{2}$
2. How many carbon monoxide alarms are located in the rental?	4
3. How many smoke detector alarms are located in the rental?	6
4. A fire extinguisher must be placed in an easily accessible location within each rental unit. Where is a fire extinguisher located?	Center Island in Kitchen
5. Attach a floor plan of the rental unit(s):	File 1: UCabin_Floor_Plan_2025_2.pdf

Sleeping Area #1

Name of Room:	Bedroon 1
Room Size (Excluding closet or attached bathroom):	180 ft ²
Number of Guests:	2
Select egress window style. (see attached diagram for egress window classifications and requirements):	Casement
Was this window installed before July 10, 2007?	<u>No</u>
What is the distance from the floor to the bottom of this window (finished sill):	21 inches
What is the OPENABLE height of this window:	58 inches
What is the OPENABLE width of this window:	22 inches

Sleeping Area #2

Name of Room:	Bedroom 2
Number of Guests:	2
Room Size (Excluding closet or attached bathroom):	140 ft ²
Select window style. (see attached diagram for window style options):	Casement
Was this window installed before July 10, 2007?	<u>No</u>
What is the distance from the floor to the bottom of this window (finished sill)?	22 inches
What is the OPENABLE height of this window?	58 inches
What is the OPENABLE width of this window?	22 inches

Sleeping Area #3

Name of Room:	Bedroom 3
Number of Guests:	2
Room Size (Excluding closet or attached bathroom):	120 ft ²
Select window style. (see attached diagram for window style options):	Sliding
Was this window installed before July 10, 2007?	<u>Yes</u>
What is the distance form the floor to the bottom of this window (finished sill)?	2 inches
What is the OPENABLE height of this window?	79 inches
What is the OPENABLE width of this window?	41 inches

Sleeping Area #4

Name of Room:	Bedroom 4
Number of Guests:	4
Room Size (Excluding closet or attached bathroom):	271 ft ²
Was the largest window in this room installed before July 10, 2007?	Yes
Select window style. (see attached diagram for window style options):	Sliding
What is the OPENABLE height of this window?	79 inches
What is the OPENABLE width of this window?	41 inches
What is the distance from the floor to the bottom of this window (finished sill)?	2 inches

Scaled Site Plan

Attach your scaled site plan:	
	File 1: Cabin_Site_Plan_2025.pdf

Emergency Contact Info

Septic Tank Pumper:	(218) 927 - 6175
Hospital:	(218) 927 - 2121
Police:	(218) 927 - 2133
Fire:	(218) 426 - 2717
Where in the rental will the emergency contact information be posted?	By front door

Guest Handbook

Select all that will be included in your guest handbook:	Quiet hours Maximum # of overnight guests Maximum # of non-overnight guests Name & contact information for owner and/or caretaker Property rules related to outdoor features List of conditions placed on the approved IUP A current handbook on recreational vehicle regulations Notice that all ordinances and IUP conditions will be enforced by the Aitkin County Sheriff's Office and Aitkin County Environmental Services (On lakes only) Information and map with DNR public access location
Where in the rental will your handbook will be located?	Dining room table

Pet Policy

Pet Policy:	 ? Fees: Pet fees apply ? Cleanliness: Owners are responsible for cleaning up after their pet: All waste must be picked up immediately. ? Quiet: Out of respect for neighbors, ensure your pet does not make excessive noise. ? Damages: Any damage caused by a pet will be charged to the renters. ? Food: Do not leave food outside as it may attract other animals. ? Liability: Owners are responsible for their pet?s behavior during the stay. ? Security: Leave doors and windows closed if you leave your pet unattended in the accommodation. We?re thrilled that you and your four legged friend have chosen to stay with us! 	
-------------	---	--

Garbage Disposal Plan

How often will the garbage be collected?	Once per week
Enter the name of the garbage service or describe your disposal plan:	Countryside Sanitation

Water Test Results

Septic Requirements

Attach septic compliance:	Septic_Compliance_Inspection_2025.pdf
The septic system or well shall include a flow measuring device. Flow measurement readings and monitoring of the septic shall be recorded monthly and made available to Aitkin County. Has a flow meter or event counter been installed on the well or septic system?	<u>Yes</u>
Is the septic system holding tanks? If yes, the application for an Operating Permit will begin after you click Finish.	<u>No</u>

Terms

Interior & Exterior Inspection

After your submitted application is accepted by Environmental Services, a staff member will contact you to schedule an interior inspection to verify the information provided in your application. It is the responsibility of the applicant to have the following in place prior to the inspection:

- 1. Smoke alarms and carbon monoxide alarms installed per MN State Fire Code
- 2. Fire extinguishers are in their designated places and meeting MN State Fire Code
- 3. Flow-measuring device installed on the septic system or well
- Visual demarcations of the property lines

General Terms

The landowner or authorized agent hereby certifies that to the best of their knowledge the application and supporting documents are a factual representation of the proposed project. The landowner or authorized agent agrees that, in making application, the landowner grants permission to Aitkin County, at reasonable times, to enter the property to determine compliance of the application with applicable Local, County or State Ordinances or Statutes. It is the applicant's responsibility to contact other Local, County or State agencies to ensure the applicant has complied with all relevant Local, County or State Ordinances or Statutes.

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I acknowledge that by submitting this application, the application and its attachments are public information.

Invoice #62606 (04/10/2025) Expected Payment Method: Pay Online - Card or ECheck

Charge	Cost	Quantity	Total
Recording Fee added 04/10/2025 10:26 AM This fee is non-refundable if denied.	\$46.00	x 1	\$46.00
Vacation/Private Home Rental added 04/10/2025 10:26 AM This fee is non-refundable if denied.	\$650.00	x 1	\$650.00
Grand Total			
		Total	\$696.00
	Pa	nyment 04/10/2025	\$696.00
		Due	\$0.00

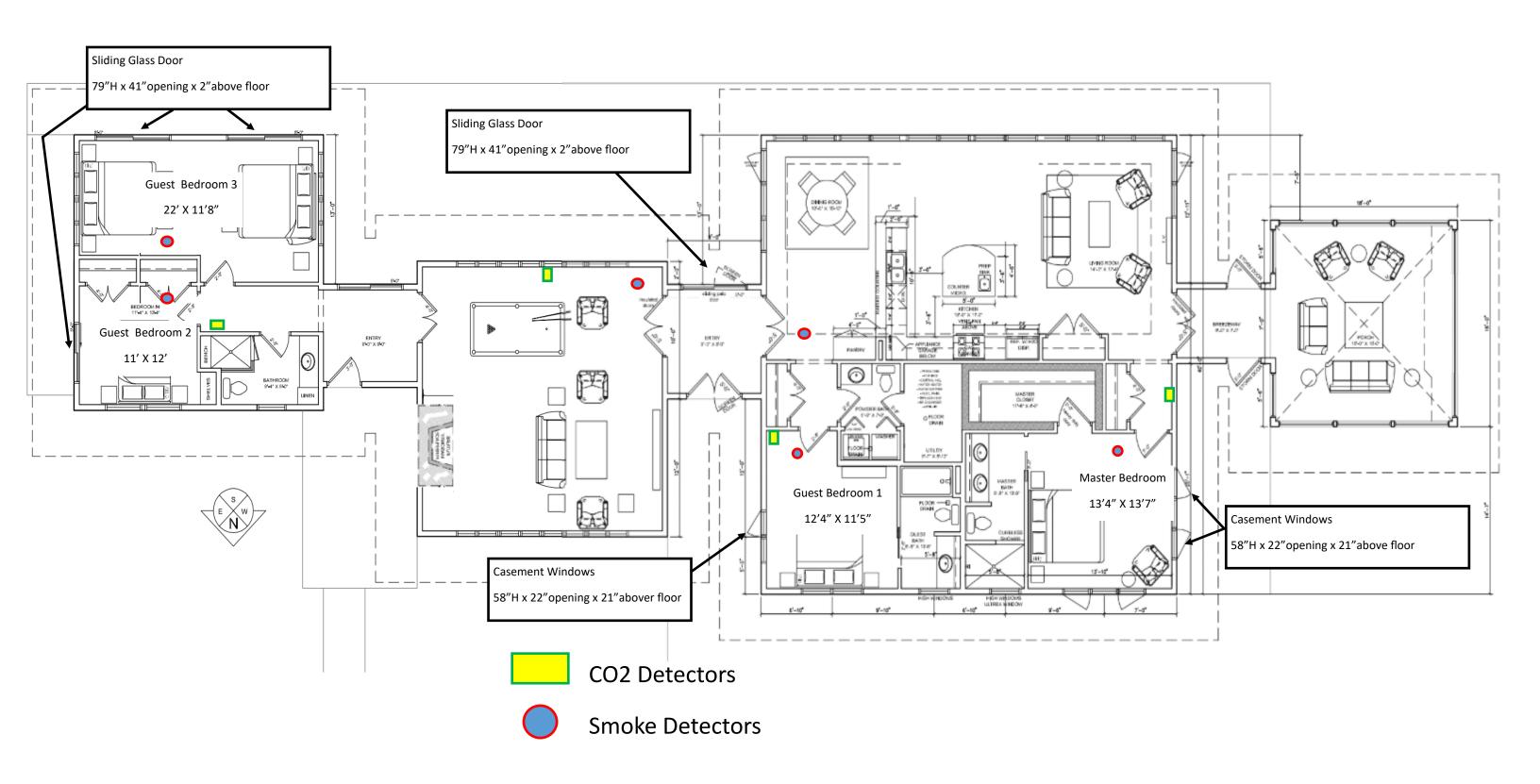
Approvals

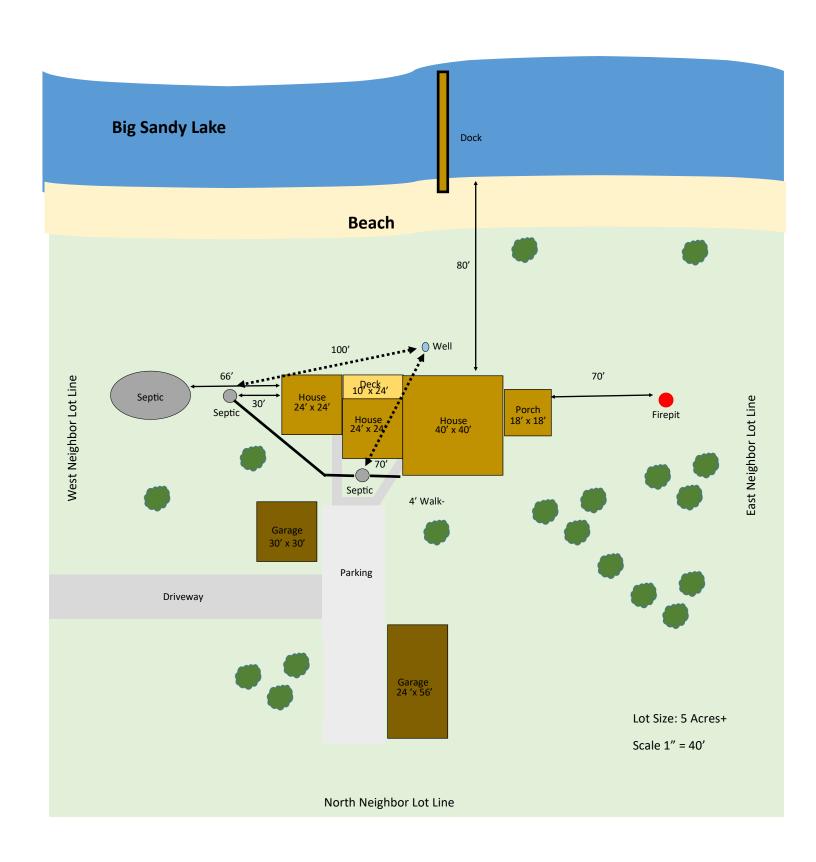
Approval	Signature
Applicant	Jonathan P. Cook - 04/10/2025 10:33 AM b92030c8becf3bc9687dbc7811183834 881e8e535b55355de6376e57f1b224c1
#1 Administrative Staff	Shannon Wiebusch - 04/14/2025 10:52 AM 4998157ed004ac164159e529d7013dd3 55672c0291b8e836ba9a0be0c0ecbe01
#2 Planning Commission	

Public Notes

Text:	To be heard at May 19 Planning Commission meeting.	
File(s):		

Print View





	M/D Miller/Davis Company - millerdavis.com
	ved for recording data)
TRUSTEE'S DEED by Individual Trustee	Minnesota Uniform Conveyancing Blanks Form 10.4.1 (2016)
eCRV number:	
DEED TAX DUE: \$1.65	DATE: May 20, 2021
FOR VALUABLE CONSIDERATION, William L	. Cook
- V. G. I. D	, as Trustee of
Anne M. Cook Revocable Trust Dated April 5, 201	0 ,
("Grantor"), hereby conveys and quitclaims to Ste	phen Cook, Jonathan Cook and Jeffrey Cook
	("Grantee"), as
(Check only one box) Tenants in Common Joi	nt Tenants (If more than one Grantee is named above and
	veyance is made to the named Grantees as tenants in common.)
100 ADD No. 100 AD	y, Minnesota, legally described as follows:
Count	y, willinesota, legally described as follows:
See EXHIBIT A attached hereto for legal description	n.
Consideration is less than \$3,000.00.	
Check here if all or part of the described real proper	rty is Registered (Torrens)
	Page 1
WARNING - UNAUTHORIZED COP	YING OF THIS FORM PROHIBITED

· · · · · · · · · · · · · · · · · · ·	
Page 2 Min	nnesota Uniform Conveyancing Blanks Form 10.4.1
together with all hereditaments and appurtenances belonging	thereto.
Check applicable box:	
The Seller certifies that the Seller does not know of any wells on the described real property.	
A well disclosure certificate accompanies this document or has been electronically filed. (If electronically filed, insert WDC number:	
☐ I am familiar with the property described in this instrument and I certify that the status and number of wells on the described real property have not changed since the last previously filed well disclosure certificate.	
	William L. Cook

-	110
Page	3

Minnesota Uniform Conveyancing Blanks Form 10.4.1

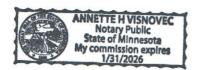
State of Minnesota , County of Aitkin

This instrument was acknowledged before me on May 20, 2021 _____, by ______

William L. Cook

as Trustee of Anne M. Cook Revocable Trust Dated April 5, 2010

(Stamp)



Title (and Rank): Notari

My commission expires:

THIS INSTRUMENT WAS DRAFTED BY: Heinrich A. Brucker (#025695X) 201 Minnesota Avenue North P.O. Box 308 Aitkin, MN 56431

Phone: (218) 927-2136

TAX STATEMENTS FOR THE REAL PROPERTY DESCRIBED IN THIS INSTRUMENT SHOULD BE SENT TO: (insert legal name and residential or business address of Grantee)

Stephen Cook 20397 - 529th Lane McGregor, MN 55760

EXHIBIT "A"

32-0-050800

All that part of Lot 4, Section 29, Township 50 North, Range 23 West of the 4th P.M., lying and being south of a line drawn parallel to the north boundary line of said Lot 4, and 528 feet distant therefrom and east of line drawn parallel to the west boundary line of said Lot 4, and 920 feet distant therefrom, containing 21.40 acres, more or less.



awlab.com 218-829-7974 314 Charles Street Brainerd, MN 56401

Analysis Report

February 28, 2025

REPORT TO: INVOICE TO:

Cook, Steve 20397 529th Lane MecGregor MN 55760

Date Rcvd-Brnd: 2/26/2025

Time Rcvd-Brnd: 11:36

Sampled By:

Steve Cook

LOCATION:

Sample Type:

DW 3.0 on ice

Cook, Steve 20397 529th Lane

Recv Temp°C: 3.0 on ice
TYPE: Well Water

MecGregor MN 55760

SITE / TEST PERFORMED	Sample Date/Time	Your Result	Units	Acceptable Level	Analytical Method	Analysis Date/Time	Analyst	Code #
Kitchen Tap - Raw	2/26/2025 @ 10:0	00						
Coliform, Total		ABSENT	/100mL	ABSENT	SM 9223 B (COLISURE)-2016	2/26/25 12:45	DH	105926
Eschericha coli (E. coli)		ABSENT	/100mL	ABSENT	SM 9223 B (COLISURE)-2016	2/26/25 12:45	DH	105926
Hardness, Total-NC		< 1	usg/gallon		HACH	2/26/25 12:31	ZP	105926
Iron, Total-NC		0.03	mg/L		HACH	2/26/25 12:31	ZP	105926
Manganese-NC		< 0.006	mg/L	< 0.1	HACH	2/26/25 12:31	ZP	105926
Nitrate, as N		< 0.500	mg/L	< 10	EPA 353.2 REV 2.0	2/27/25 09:55	MH	105926
pH, as received-NC		7.9	pH Units		HACH	2/26/25 12:31	ZP	105926
Tannins-NC		1.2	mg/L		HACH	2/26/25 12:31	ZP	105926
Total Dissolved Solids-NC		373	mg/L		HACH	2/26/25 12:31	ZP	105926

Sample 105926: This sample meets the State of Minnesota and EPA Guidelines for safe drinking water for the analytes tested.

Approved By: Machoes

Date Approved: 2/28/2025

Sara Ahlers, Laboratory Director

A.W. Research Laboratories, Inc. is accredited by the MNELAP and follows approved methods and procedures. MN State Laboratory ID: 027-035-135 and EPA Lab Code: MN00098. All data generated using non-accredited methods noted as -NC, and all analytes for which accreditation is unavailable -NA. The results above relate only to the samples tested. This report must not be reproduced, except in full, without the written approval of the laboratory. We appreciate your feedback, please email us at awlab@awlab.com with questions or comments. Thank you!

~End of Analysis Report~



Lab Report Code: 105926 Page 1 of 1



Compliance inspection report form

520 Lafayette Road North St. Paul, MN 55155-4194

Existing Subsurface Sewage Treatment System (SSTS)

Doc Type: Compliance and Enforcement

Instructions: Inspector must submit completed form to Local Governmental Unit (LGU) and system owner within 15 days of final determination of compliance or noncompliance. Instructions for filling out this form are located on the Minnesota Pollution Control Agency (MPCA) website at https://www.pca.state.mn.us/sites/default/files/wg-wwists4-31a.pdf.

Property information	Local tracking	number:
Parcel ID# or Sec/Twp/Range: 32-0-050800	Reason for Inspection	app. for opp. perm.
Local regulatory authority info: Aitkin county planning and zoni	ng Phone #218-927-7342	
Property address: 20397 529th. In.,McGregor,Mn.55760		
Owner/representative: Steve Cook		Owner's phone: 218-392-0196
Brief system description: 1650 gallon combo tank that pumps in long drainfeild.	to a 1350 gallon septic tank	that gravity drains into a 25' wide x 45'
System status		
System status on date (mm/dd/yyyy): 4/9/2025		
□ Compliant – Certificate of compliance*	☐ Noncompliant – Notice	ce of noncompliance
(Valid for 3 years from report date unless evidence of an imminent threat to public health or safety requiring removal and abatement under section 145A.04, subdivision 8 is discovered or	use discontinued within the ti	ound water must be upgraded, replaced, or ime required by local ordinance.
a shorter time frame exists in Local Ordinance.) *Note: Compliance indicates conformance with Minn. R. 7080.1500 as of system status date above and does not	upgraded, replaced, or its us	health and safety (ITPHS) must be be discontinued within ten months of receipt ter period if required by local ordinance or ivision 8.
guarantee future performance. Reason(s) for noncompliance (check all applicab	la)	
☐ Impact on public health (Compliance component #1) ☐ Tank integrity (Compliance component #2) – Failing ☐ Other Compliance Conditions (Compliance compone) ☐ Other Compliance Conditions (Compliance compone) ☐ System not abandoned according to Minn. R. 7080.2 ☐ Soil separation (Compliance component #5) – Failing ☐ Operating permit/monitoring plan requirements (Comments or recommendations	to protect groundwater ent #3) – Imminent threat to p ent #3) – Failing to protect gr 2500 (Compliance componer g to protect groundwater	public health and safety roundwater nt #3) – Failing to protect groundwater
Certification	a determine the compliance of	atus of this suplem. No data-viralian of
I hereby certify that all the necessary information has been gathered to future system performance has been nor can be made due to unknow inadequate maintenance, or future water usage.	o determine the compilance sta in conditions during system co	atus of this system. No determination of nstruction, possible abuse of the system,
By typing my name below, I certify the above statements to be true used for the purpose of processing this form.	and correct, to the best of my k	knowledge, and that this information can be
Business name: Farley sewer systems	/	Certification number: C-4744
Inspector signature: Jarold R. Farley	5	License number: L-1919
(This document has been electronically sign	e (d)	Phone: 218-839-4737
Necessary or locally required supporting do	cumentation (must b	e attached)
Soil observation logs		

ness Name: Farley sewer systems			Date: 4/9/2025
npact on public health – C	ompliance com	ponent #1 of 5	
Compliance criteria:		Attached supporting	documentation:
System discharges sewage to the ground surface	☐ Yes* ☒ No	☐ Other:	
System discharges sewage to drain tile or surface waters.	☐ Yes* ⊠ No		
System causes sewage backup into dwelling or establishment.	☐ Yes* ⊠ No		
Any "yes" answer above indicates imminent threat to public health ar	the system is an nd safety.		
Describe verification methods and	l results:		
nk integrity – Compliance	component #2	of 5	
nk integrity – Compliance Compliance criteria:	component #2	of 5 Attached supporting d	locumentation:
Compliance criteria: System consists of a seepage pit, cesspool, drywell, leaching pit,	component #2	Attached supporting d ☐ Empty tank(s) viewed b	by inspector
Compliance criteria: System consists of a seepage pit, cesspool, drywell, leaching pit, or other pit?		Attached supporting d	by inspector
Compliance criteria: System consists of a seepage pit, cesspool, drywell, leaching pit, or other pit? Sewage tank(s) leak below their		Attached supporting d Empty tank(s) viewed b Name of maintenance b	by inspector
Compliance criteria: System consists of a seepage pit, cesspool, drywell, leaching pit, or other pit?	☐ Yes* ⊠ No	Attached supporting of Empty tank(s) viewed by Name of maintenance by License number of maintenance:	business: timber lakes ntenance business: L-455
Compliance criteria: System consists of a seepage pit, cesspool, drywell, leaching pit, or other pit? Sewage tank(s) leak below their	☐ Yes* ⊠ No	Attached supporting of Empty tank(s) viewed by Name of maintenance by License number of maintenance: Existing tank integrity a	business: timber lakes ntenance business: L-455
Compliance criteria: System consists of a seepage pit, cesspool, drywell, leaching pit, or other pit? Sewage tank(s) leak below their	☐ Yes* ⊠ No	Attached supporting of Empty tank(s) viewed by Name of maintenance by License number of maintenance:	business: timber lakes intenance business: L-455 ssessment (Attach) 3/18/2025
Compliance criteria: System consists of a seepage pit, cesspool, drywell, leaching pit, or other pit? Sewage tank(s) leak below their designed operating depth? If yes, which sewage tank(s) leaks: Any "yes" answer above indicates.	☐ Yes* ☒ No ☐ Yes* ☒ No ☐ Yes* ☒ No	Attached supporting of Empty tank(s) viewed by Name of maintenance by License number of maintenance: Existing tank integrity and Date of maintenance (mm/dd/yyyy): (See form instructions to	business: timber lakes intenance business: L-455 ssessment (Attach) 3/18/2025 (must be within three years) o ensure assessment complies w
Compliance criteria: System consists of a seepage pit, cesspool, drywell, leaching pit, or other pit? Sewage tank(s) leak below their designed operating depth? If yes, which sewage tank(s) leaks:	☐ Yes* ☒ No ☐ Yes* ☒ No ☐ Yes* ☒ No	Attached supporting of Empty tank(s) viewed by Name of maintenance to License number of maintenance: Date of maintenance: Existing tank integrity and Date of maintenance (mm/dd/yyyy): (See form instructions to Minn. R. 7082.0700 sub	business: timber lakes intenance business: L-455 ssessment (Attach) 3/18/2025 (must be within three years) o ensure assessment complies within 4 B (1))
Compliance criteria: System consists of a seepage pit, cesspool, drywell, leaching pit, or other pit? Sewage tank(s) leak below their designed operating depth? If yes, which sewage tank(s) leaks: Any "yes" answer above indicates.	☐ Yes* ☒ No ☐ Yes* ☒ No ☐ Yes* ☒ No	Attached supporting of Empty tank(s) viewed by Name of maintenance to License number of maintenance: Date of maintenance: Existing tank integrity and Date of maintenance (mm/dd/yyyy): (See form instructions to Minn. R. 7082.0700 sub	business: timber lakes intenance business: L-455 ssessment (Attach) 3/18/2025 (must be within three years) o ensure assessment complies within three op. 4 B (1))
Compliance criteria: System consists of a seepage pit, cesspool, drywell, leaching pit, or other pit? Sewage tank(s) leak below their designed operating depth? If yes, which sewage tank(s) leaks: Any "yes" answer above indicates.	☐ Yes* ☒ No ☐ Yes* ☒ No ☐ Yes* ☒ No	Attached supporting of □ Empty tank(s) viewed by Name of maintenance by License number of maintenance: □ Existing tank integrity and Date of maintenance (mm/dd/yyyy): (See form instructions to Minn. R. 7082.0700 sub	business: timber lakes intenance business: L-455 ssessment (Attach) 3/18/2025 (must be within three years) o ensure assessment complies w

	Property Address: 20397 529th. In.,McGregor,Mn.55760	
В	Business Name: _Farley sewer systems	Date: 4/9/2025
3.	 Other compliance conditions – Compliance component #3 of 5 	
	3a. Maintenance hole covers appear to be structurally unsound (damaged, cracked, etc.), or unse	cured?
	☐ Yes* ☑ No ☐ Unknown	
	3b. Other issues (electrical hazards, etc.) to immediately and adversely impact public health or safety	v? ☐ Yes* ☒ No ☐ Unknown
	*Yes to 3a or 3b - System is an imminent threat to public health and safety.	
	3c. System is non-protective of ground water for other conditions as determined by inspector?	☐ Yes* ☒ No
	3d. System not abandoned in accordance with Minn. R. 7080.2500?	☐ Yes* ☒ No
	*Yes to 3c or 3d - System is failing to protect groundwater.	2.00 2.00
	Describe verification methods and results:	
	Attached supporting documentation: Not applicable	
	The same of the sa	
4.	Operating permit and nitrogen BMP* – Compliance component #4 of	f 5 ⊠ Not applicable
4.	Operating permit and nitrogen BMP* – Compliance component #4 of	
4.	Operating permit and nitrogen BMP* – Compliance component #4 of	f "yes", A below is required
4.	Operating permit and nitrogen BMP* — Compliance component #4 of Is the system operated under an Operating Permit? Is the system required to employ a Nitrogen BMP specified in the system design? Yes No If Is the system required to employ a Nitrogen BMP specified in the system design?	f "yes", A below is required
4.	Operating permit and nitrogen BMP* — Compliance component #4 of Is the system operated under an Operating Permit? Is the system required to employ a Nitrogen BMP specified in the system design? BMP = Best Management Practice(s) specified in the system design	f "yes", A below is required f "yes", B below is required
4.	Operating permit and nitrogen BMP* — Compliance component #4 of Is the system operated under an Operating Permit? Is the system required to employ a Nitrogen BMP specified in the system design? BMP = Best Management Practice(s) specified in the system design If the answer to both questions is "no", this section does not need to be completed.	f "yes", A below is required f "yes", B below is required
4.	Operating permit and nitrogen BMP* — Compliance component #4 of Is the system operated under an Operating Permit? Is the system required to employ a Nitrogen BMP specified in the system design? BMP = Best Management Practice(s) specified in the system design If the answer to both questions is "no", this section does not need to be completed. Compliance criteria:	f "yes", A below is required f "yes", B below is required
4.	Operating permit and nitrogen BMP* — Compliance component #4 of Is the system operated under an Operating Permit?	f "yes", A below is required f "yes", B below is required
4.	Operating permit and nitrogen BMP* — Compliance component #4 of Is the system operated under an Operating Permit?	f "yes", A below is required f "yes", B below is required
4.	Operating permit and nitrogen BMP* — Compliance component #4 of Is the system operated under an Operating Permit?	f "yes", A below is required f "yes", B below is required
4.	Operating permit and nitrogen BMP* — Compliance component #4 of Is the system operated under an Operating Permit?	f "yes", A below is required f "yes", B below is required
4.	Operating permit and nitrogen BMP* — Compliance component #4 of Is the system operated under an Operating Permit?	f "yes", A below is required f "yes", B below is required
4.	Operating permit and nitrogen BMP* — Compliance component #4 of Is the system operated under an Operating Permit?	f "yes", A below is required f "yes", B below is required
4.	Operating permit and nitrogen BMP* — Compliance component #4 of Is the system operated under an Operating Permit?	f "yes", A below is required f "yes", B below is required
4.	Operating permit and nitrogen BMP* — Compliance component #4 of Is the system operated under an Operating Permit?	f "yes", A below is required f "yes", B below is required
4.	Operating permit and nitrogen BMP* — Compliance component #4 of Is the system operated under an Operating Permit?	f "yes", A below is required f "yes", B below is required
4.	Operating permit and nitrogen BMP* — Compliance component #4 of Is the system operated under an Operating Permit?	f "yes", A below is required f "yes", B below is required
4.	Operating permit and nitrogen BMP* — Compliance component #4 of Is the system operated under an Operating Permit?	f "yes", A below is required f "yes", B below is required
4.	Operating permit and nitrogen BMP* — Compliance component #4 of Is the system operated under an Operating Permit?	f "yes", A below is required f "yes", B below is required
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https://www.pca.state.mn.us wq-wwists4-31b • 4/28/2021

31	siness Name: _Farley sewer systems			Date:	4/9/2025	
	Soil separation – Compliance cor	npone	nt #5 o	f 5		
	Date of installation 7/2/1985 (mm/dd/yyyy)	Unkr	nown			
	Shoreland/Wellhead protection/Food beverage lodging?					
	0			Soil observation logs completed for the report		
	Compliance criteria (select one):			☐ Two previous verifications of required		
	5a. For systems built prior to April 1, 1996, and not located in Shoreland or Wellhead	☐ Yes	☐ No*	☐ Not applicable (No soil treatment are	a)	
	Protection Area or not serving a food,					
	beverage or lodging establishment: Drainfield has at least a two-foot vertical					
	separation distance from periodically saturated soil or bedrock.					
	5b.Non-performance systems built		☐ No*	Indicate depths or elevations		
	April 1, 1996, or later or for non- performance systems located in Shoreland			A. Bottom of distribution media	98	
	or Wellhead Protection Areas or serving a food, beverage, or lodging establishment:			B. Periodically saturated soil/bedrock	95	
	Drainfield has a three-foot vertical			C. System separation	36"	
	separation distance from periodically			D. Required compliance separation*	36"	
	saturated soil or bedrock.*			*May be reduced up to 15 percent if all Ordinance.	owed by Local	
	5c. "Experimental", "Other", or "Performance" systems built under pre-2008 Rules; Type IV or V systems built under 2008 Rules 7080. 2350 or 7080.2400 (Intermediate Inspector License required ≤ 2,500 gallons per day; Advanced Inspector License required > 2,500 gallons per day)	☐ Yes	□ No*			
	Drainfield meets the designed vertical separation distance from periodically saturated soil or bedrock.					

failing to protect groundwater.

Describe verification methods and results:

Upgrade requirements: (Minn. Stat. § 115.55) An imminent threat to public health and safety (ITPHS) must be upgraded, replaced, or its use discontinued within ten months of receipt of this notice or within a shorter period if required by local ordinance. If the system is failing to protect ground water, the system must be upgraded, replaced, or its use discontinued within the time required by local ordinance. If an existing system is not failing as defined in law, and has at least two feet of design soil separation, then the system need not be upgraded, repaired, replaced, or its use discontinued, notwithstanding any local ordinance that is more strict. This provision does not apply to systems in shoreland areas, Wellhead Protection Areas, or those used in connection with food, beverage, and lodging establishments as defined in law.



Sewage tank integrity assessment form

520 Lafayette Road North St. Paul, MN 55155-4194

Subsurface Sewage Treatment Systems (SSTS) Program

Doc Type: Compliance and Enforcement

Purpose: This form may be used to certify the compliance status of the sewage tank components of the SSTS. This form is not a complete SSTS inspection report, only a tank integrity assessment, and may only certify sewage tank compliance status when entirely completed and signed by a qualified professional. SSTS compliance inspection report forms can be found at: https://www.pca.state.mn.us/water/inspections.

Instructions: This form may be completed, and signed, by a Designated Certified Individual (DCI) of a licensed SSTS inspection, maintenance, installation, or service provider business who personally conducts the necessary procedures to assess the compliance status of each sewage tank in the system. Only a licensed maintenance business is authorized to pump the tank for assessment. A copy of this information should be submitted to the system owner and be maintained by the licensed SSTS business for a period of five (5) years from the assessment date.

When this form is signed by a qualified certified professional, it becomes necessary supporting documentation to an Existing System Compliance Inspection Report: Compliance inspection form - Existing system (wq-wwists4-31b). This form can be found on the MPCA website at https://www.pca.state.mn.us/water/inspections.

The information and certified statement on this form is required when existing septic tank compliance status is determined by an individual other than the SSTS Inspector that submits an inspection report. This form represents a third party assessment of SSTS component compliance and is allowable under Minn. R. 7082.0700, subp. 4(B)(1). This form is valid for a period of three years beyond the signature date on this form unless a new evaluation is requested by the owner or owner's agent or is required according to local regulations. Additional Administrative Rule references for this activity can be found at Minn. R. 7082.0700, subp. 4(B),(C), and (D) and; Minn, R, 7083,0730(C).

Parcel ID:	
Parcel ID:	
Parcel ID:	
	32-0-050800
☐ Notice of sewage ta	nk non-compliance
riteria:	
t - "Failure to Protect	☐ Yes* ☒ No
depth - "Failure to Protect	☐ Yes* ⊠ No
sound (damaged, cracked, n - "Imminent Threat to	☐ Yes* ⊠ No
ewage tank non-compliance	9.
esignated Certified Individu	ual (DCI) information
	()
ertification number: C10183	
fied Individual of a Minnesota-lid ducted the necessary procedure	ensed SSTS inspection, s to assess the compliance
e true and correct, to the best of	f my knowledge, and that
Date (mm	/dd/yyyy): 3/18/2025
	Notice of sewage tal riteria: it - "Failure to Protect depth - "Failure to Protect sound (damaged, cracked, n - "Imminent Threat to ewage tank non-compliance esignated Certified Individuation number: C10183 fied Individual of a Minnesota-lice ducted the necessary procedure the true and correct, to the best of conically signed.)

FARLEY SEWER SYSTEMS

SEWER DESIGN & INSTALLATION

JAROLD R. FARLEY

P.O. Box 472 McGregor, MN 55760 Bus. Lic. No. L1919 Reg. No. 4744

218-839-4737 cell

Sewer Site Math For Steve Cook PID. 32-0-050800 Sil Boring Info SB1 John Topsoil Topsoi	For Steve Cook PID. 32-0-050800 Soil Boring Info Soil Boring Info Soil Boring Info Sold Septic Sondy Sold Septic Sondy Lake SBI Type Color Tunk O-7' Topsoil loyR3/2 House Addn. X Peep Well 40-60' Coarsesond 10 yR4/4 SBL O-7' Topsoil 10 yR3/2 Topsoil 10 yR3/2 Topsoil 10 yR4/4 Well SBL O-7' Topsoil 10 yR3/2 Topsoil 10 yR3/2 Topsoil 10 yR4/4 Med Sand 10 yR4/4 Med Sand 10 yR4/4		218-859-4/3/ (21
		Sewer Site Mat For Steve Cook PID. 32-0-050800 Soil Boring Info SB1 Type Color Tunk Pro 0-7' Topsoil 10yR3/2 7-40" Med-Sund 10 yR4/4 582 0-7' Topsoil 10 yR4/4 582 0-7' Topsoil 10 yR4/4 582 7-41" Med Sand 10 yR4/4	So'Plub Line To Prop. Line 125 ps82 Sold Septic Sandy Suse 185 Addn. X Peep Well Well



Sewage tank integrity assessment form

520 Lafayette Road North St. Paul, MN 55155-4194

Subsurface Sewage Treatment Systems (SSTS) Program

Doc Type: Compliance and Enforcement

Purpose: This form *may* be used to certify the compliance status of the sewage tank components of the SSTS. This form is not a complete SSTS inspection report, only a tank integrity assessment, and may only certify sewage tank compliance status when entirely completed and signed by a qualified professional. SSTS compliance inspection report forms can be found at: https://www.pca.state.mn.us/water/inspections.

Instructions: This form may be completed, and signed, by a Designated Certified Individual (DCI) of a licensed SSTS inspection, maintenance, installation, or service provider business who personally conducts the necessary procedures to assess the compliance status of each sewage tank in the system. Only a licensed maintenance business is authorized to pump the tank for assessment. A copy of this information should be submitted to the system owner and be maintained by the licensed SSTS business for a period of five (5) years from the assessment date.

When this form is signed by a qualified certified professional, it becomes *necessary supporting documentation* to an Existing System Compliance Inspection Report: <u>Compliance inspection form - Existing system (wq-wwists4-31b)</u>. This form can be found on the MPCA website at https://www.pca.state.mn.us/water/inspections.

The information and certified statement on this form is **required** when existing septic tank compliance status is determined by an individual other than the SSTS Inspector that submits an inspection report. This form represents a third party assessment of SSTS component compliance and is allowable under Minn. R. 7082.0700, subp. 4(B)(1). This form is valid for a period of three years beyond the signature date on this form unless a new evaluation is requested by the owner or owner's agent or is required according to local regulations. Additional Administrative Rule references for this activity can be found at Minn. R. 7082.0700, subp. 4(B),(C), and (D) and; Minn. R. 7083.0730(C).

Owner information Owner/Representative Cook, Steve Property address: 20397 529th Ln, McGregor, MN 55760 Local Regulatory Authority: Aitkin County Parcel ID: 32-0-050800 System status System status on date (mm/dd/yyyy): 3/18/2025 Certificate of sewage tank compliance Notice of sewage tank non-compliance Compliance criteria: The SSTS has a seepage pit, cesspool, drywell, leaching pit, or other pit - "Failure to Protect ☐ Yes* ☐ No Groundwater." The SSTS has a sewage tank that leaks below the designed operating depth - "Failure to Protect ☐ Yes* ☐ No Groundwater." The SSTS presents a threat to public safety by reason of structurally unsound (damaged, cracked, or weak) maintenance hole cover(s) or lids or any other unsafe condition - "Imminent Threat to ☐ Yes* ⊠ No Public Health or Safety." Any "yes" answer above indicates sewage tank non-compliance. Company information Designated Certified Individual (DCI) information Company name: Timber Lakes Septic Service Inc. Print name: Dan Peters Business license number: L455 Certification number: C10183 I personally conducted the work described above as a Designated Certified Individual of a Minnesota-licensed SSTS inspection. maintenance, installation, or service provider Business. I personally conducted the necessary procedures to assess the compliance status of each sewage tank in this SSTS. By typing/signing my name below, I certify the above statements to be true and correct, to the best of my knowledge, and that this information can be used for the purpose of processing this form. Date (mm/dd/yyyy): 3/18/2025 Designated Certified Individual's signature: Dan Peters (This document has been electronically signed.)



Rezone App. # 2025-000143, UID # 213454

App. Status: Pending Review

Aitkin County Planning & Zoning / Environmental Services 307 Second St. NW Room 219, Aitkin, MN 56431

Email: aitkinpz@aitkincountymn.gov

Phone: 218-927-7342 Fax: 218-927-4372

Contact Information

Applicant contact info:	Name: Rodney Parrott PE Phone: (417) 256 - 8150 Email Address: rodney@overlandeng.com Mailing Address: 1598 Imperial Center Suite 2009 West Plains MO 65755
Are you the property owner?	<u>No</u>
Have you had a pre- application meeting with Planning & Zoning?	<u>No</u>

Authorized Agent Form

Attach the completed authorized agent form.:	- Auth_Form_Signed.pdf
Property Owner Email Address:	k.shemon@aol.com

Property Location

	Property	erty Location				Legal Description			Property Attributes	
	Parcel Number	Property Address	Township or City Name	Owner Name(s)	Taxpayer Name(s)	Legal Description	Plat Name	Section- Township- Range	Lake Class	Lake Name
Property:	22-0- 009103	45184 STATE HWY 65 MCGREGOR, MN 55760	MCGREGOR TWP	SHEMON, KATHLEEN A	SHEMON, KATHLEEN A	N 520 FT OF W 308 FT OF S 1040 FT OF LOT 7 IN DOC 333076		S:6 T:48 R:23		
Driving directions to the property from Aitkin:	Site is located on the east side of Hwy 65, 0.15 miles north of the 450th St intersection.									

Brief Narrative

Please describe the purpose of your application in a brief narrative of the request:	The proposed commercial rezoning is for a Dollar General retail store development.
Please give a detailed explanation on why and how this proposal is meeting the Comprehensive Land Use Plan:	The GIS plan use per the Land Use plan is "Commercial Preferred". The existing parcel use is also commercial.
How will this proposal be compatible with existing land uses?	The existing parcel use is a vacated commercial-retail building. The proposed Dollar General retail use will more effectively utilize the land use for the area.
Is this proposal meeting the Findings of Fact?	<u>Yes</u>

Scaled Drawing

Please attach a scaled drawing, survey, and/or sketch of description.:	File 1: ALTA_NSPS_Land_Title_Survey_7-17-2024.pdf File 2: DG_McGregor_MN_3-27-25.pdf
·	

Certificate of Compliance

Is there an existing septic system on the property? (Outhouse/Privies are also considered a septic system)	<u>Yes</u>
If you answered Yes, then attach one of the following: - A current compliance inspection on the existing septic system - A design for a new/replacement septic system	File 1: SepticDesign_DG_McGregor_11.22.24.pdf

Property Deed and/or New Legal Description

Please attach the property	
deed or the new legal	File 1: UCCOMMITMENT-Merged_1.pdf
description:	

Terms

General Terms

The landowner or authorized agent hereby certifies that to the best of their knowledge the application and supporting documents are a factual representation of the proposed project. The landowner or authorized agent agrees that, in making application, the landowner grants permission to Aitkin County, at reasonable times, to enter the property to determine compliance of the application with applicable Local, County or State Ordinances or Statutes. It is the applicant's responsibility to contact other Local, County or State agencies to ensure the applicant has complied with all relevant Local, County or State Ordinances or Statutes.

Submittal of the above materials does not always constitute a complete application. Other information may be necessary to complete the application based on the type of request and onsite inspection.

I acknowledge that by submitting this application, the application and its attachments are public information.

Invoice #62526 (04/02/2025) Expected Payment Method: Pay Online - Card or ECheck

Charge	Cost	Quantity	Total
Recording Fee added 04/02/2025 8:52 AM	\$46.00	x 1	\$46.00
Rezoning Fee added 04/02/2025 8:52 AM \$650.00		x 1	\$650.00
Grand Total			
		Total	\$696.00
		Payment 04/02/2025	\$696.00
		Due	\$0.00

Conditions of Rezoning

None

Approvals

Approval	Signature
Applicant	RODNEY S. PARROTT - 04/02/2025 8:53 AM
	313717228e566bbd21664b343ecd5458
	4562e98dd59195f725de276d3678d27f
#1 Admin	Shannon Wiebusch - 04/07/2025 10:16 AM
	51562bdc931d649393fdd83bde471c4b
	a9385b5e3a90427f33281ec95804506c
#3 Planning Commission	

Public Notes

Text:	To be heard at May 19 Planning Commission meeting.	
File(s):	File 1: Dollar_General_McGregor_	
	□ Dollar_General_McGregor_Delineation_Report.pdf	

Print View



Aitkin County Environmental Services - Planning & Zoning

307 2nd Street NW, Room 219
Aitkin, MN 56431
(P) (218) 927-7342
(F) (218) 927-4372
(E) aitkinpz@co.aitkin.mn.us

AUTHORIZATION FORM

I hereby authorize the agent named below to act as my authorized agent for all public hearing applications and land use permits on property located at:

Parcel Numbers(s):	22-0-009103 & 22-0-009104
E911 Address of Property:	45184 State Highway 65, McGregor, MN

Authorized Agent Information:

Agent name:	Rodney Parrott PE - Overland Engineering LLC
	<u> </u>

Property Owner Information:

Owner name:	Kathie Shemon		Phone num	ber: 651-319-3740
Email:	k.shemon@aol.com			
Property Owner Signature:	Kathy Shemon	03/31/25	Date:	3/28/25

ALTA COMMITMENT FOR TITLE INSURANCE

issued by:



Commitment Number:

CP73262

NOTICE

IMPORTANT - READ CAREFULLY: THIS COMMITMENT IS AN OFFER TO ISSUE ONE OR MORE TITLE INSURANCE POLICIES. ALL CLAIMS OR REMEDIES SOUGHT AGAINST THE COMPANY INVOLVING THE CONTENT OF THIS COMMITMENT OR THE POLICY MUST BE BASED SOLELY IN CONTRACT.

THIS COMMITMENT IS NOT AN ABSTRACT OF TITLE, REPORT OF THE CONDITION OF TITLE, LEGAL OPINION, OPINION OF TITLE, OR OTHER REPRESENTATION OF THE STATUS OF TITLE. THE PROCEDURES USED BY THE COMPANY TO DETERMINE INSURABILITY OF THE TITLE, INCLUDING ANY SEARCH AND EXAMINATION, ARE PROPRIETARY TO THE COMPANY, WERE PERFORMED SOLELY FOR THE BENEFIT OF THE COMPANY, AND CREATE NO EXTRACONTRACTUAL LIABILITY TO ANY PERSON, INCLUDING A PROPOSED INSURED.

THE COMPANY'S OBLIGATION UNDER THIS COMMITMENT IS TO ISSUE A POLICY TO A PROPOSED INSURED IDENTIFIED IN SCHEDULE A IN ACCORDANCE WITH THE TERMS AND PROVISIONS OF THIS COMMITMENT. THE COMPANY HAS NO LIABILITY OR OBLIGATION INVOLVING THE CONTENT OF THIS COMMITMENT TO ANY OTHER PERSON.

COMMITMENT TO ISSUE POLICY

Subject to the Notice; Schedule B, Part I-Requirements; Schedule B, Part II-Exceptions; and the Commitment Conditions, Chicago Title Insurance Company, a Florida corporation (the "Company"), commits to issue the Policy according to the terms and provisions of this Commitment. This Commitment is effective as of the Commitment Date shown in Schedule A for each Policy described in Schedule A, only when the Company has entered in Schedule A both the specified dollar amount as the Proposed Amount of Insurance and the name of the Proposed Insured.

If all of the Schedule B, Part I-Requirements have not been met within one hundred eighty (180) days after the Commitment Date, this Commitment terminates and the Company's liability and obligation end.

	Chicago Title Insurance Company
	Ву:
	July DC
	Michael J. Nolan, President
Countersigned By:	Attest:
July Victors	Mayoru Kemoqua
L eah Vickers	Marjorie Nemzura, Secretary

This page is only a part of a 2021 ALTA® Commitment for Title Insurance issued by Chicago Title Insurance Company. This Commitment is not valid without the Notice; the Commitment to Issue Policy; the Commitment Conditions; Schedule A; Schedule B, Part I-Requirements; Schedule B, Part II-Exceptions; and a counter-signature by the Company or its issuing agent that may be in electronic form.

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Authorized Officer or Agent



CHICAGO TITLE INSURANCE COMPANY

Transaction Identification Data, for which the Company assumes no liability as set forth in Commitment Condition 5.e.:

ISSUING OFFICE:	FOR SETTLEMENT INQUIRIES, CONTACT:
Title Officer: Leah Vickers Commercial Partners Title, a division of Chicago Title Insurance Company 800 LaSalle Ave, Suite 2100 Minneapolis, MN 55402 Phone: (612) 337-2462 Main Phone: (612) 337-2470 Email: Leah.Vickers@cptitle.com	

Order Number: CP73262 Reference No.:

PIT240311-CMC

SCHEDULE A

1. Commitment Date: February 7, 2024 at 07:00 AM

Policy to be issued:

(a) ALTA Owner's Policy 2021 w-MN Mod

Proposed Insured: The Overland Group, LLC, a Missouri limited liability company

Proposed Amount of Insurance: \$199.500.00 The estate or interest to be insured: Fee Simple

3. The estate or interest in the Land at the Commitment Date is:

Fee Simple

The Title is, at the Commitment Date, vested in:

Larry L. Shemon and Kathie A. Shemon, as joint tenants

The Land is described as follows:

SEE EXHIBIT "A" ATTACHED HERETO AND MADE A PART HEREOF

END OF SCHEDULE A

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EXHIBIT "A"

Legal Description

Parcel 1:

The North 520 feet of the West 308 feet of the South 1040 feet of Government Lot 7, Section 6, Township 48, Range 23.

Aitkin County, Minnesota Abstract Property

Parcel 2:

Commencing at the Southwest corner of the Southwest Quarter of Section 6, Township 48 North, Range 23 West, Aitkin County, Minnesota; thence North 01 degree 11 minutes 30 seconds East, assumed bearing along the West line of said Southwest Quarter 520.10 feet to the intersection of said West line and a line parallel with and 520.00 feet North of the South line of said Southwest Quarter, the Point of Beginning of the land to be described; thence continuing along the West line of said Southwest Quarter North 01 degree 11 minutes 30 seconds East, 519.61 feet; thence South 88 degrees 58 minutes 26 seconds East, 338.09 feet; thence South 02 degrees 37 minutes 48 seconds West, to a point on said parallel line; thence North 89 degrees 54 minutes 53 seconds West, 325.23 feet along said parallel line to the Point of Beginning and there terminating.

Aitkin County, Minnesota Abstract Property

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SCHEDULE B, PART I - Requirements

All of the following Requirements must be met:

- 1. The Proposed Insured must notify the Company in writing of the name of any party not referred to in this Commitment who will obtain an interest in the Land or who will make a loan on the Land. The Company may then make additional Requirements or Exceptions.
- 2. Pay the agreed amount for the estate or interest to be insured.
- 3. Pay the premiums, fees, and charges for the Policy to the Company.
- 4. Documents satisfactory to the Company that convey the Title or create the Mortgage to be insured, or both, must be properly authorized, executed, delivered, and recorded in the Public Records.
 - (a) Deed from the party described at Item 4 of Schedule A to the Proposed Insured (Owner).
- 5. The Proposed Policy Amount(s) must be increased to the full value of the estate or interest being insured, and any addition premium must be paid at that time. An Owner's policy should reflect the purchase price or full value of the Land. A Loan Policy should reflect the loan amount or value of the property as collateral. Proposed Policy Amount(s) will be revised and premiums charged consistent therewith when the final amounts are approved.
- 6. Pay all taxes, charges, assessments, levied and assessed against subject premises, which are due and payable.
- 7. If the transaction is closed by Chicago Title Insurance Company or its agents, the Social Security Number of Seller or Federal ID Number of Seller entities and forwarding address must be provided at or prior to closing to comply with the Tax Reform Act of 1986 and the 1099S Form executed at closing unless the Sellers is a corporation or a governmental unit.
- 8. For all entities CONVEYING, BORROWING OR LEASING, furnish formation and operational documentation and a resolution authorizing the transaction, together with a certificate of good standing from the State in which the entity was created (and in which the property is located, if available);
 - For all entities ACQUIRING PROPERTY FOR CASH, furnish formation and operational documentation, together with a certificate of good standing from the State in which the entity was created (and in which the property is located, if available).
 - NOTE: For a Corporation, formation documentation includes the Articles of Incorporation and By-Laws; For a Limited Liability Company, formation documentation includes the Articles of Organization and Operating Agreement; for a Partnership, formation documentation includes the Partnership Agreement, along with any amendments; if the property is held as tenants-in-common, provide any TIC agreement.
- 9. Item Nos. 1, 2, 4 and 5 of Schedule B-Schedule II may be deleted from the final policy, conditioned upon receipt and review of an executed standard form of the Company's affidavit or affidavits.
- 10. Furnish a current, signed and dated, survey of the subject property, certified to Chicago Title Insurance Company and conforming to all current Minimum Standard Detail Requirements for the 2021 ALTA/NSPS Land Title Survey Standards to delete Item No. 3 of Schedule B Schedule II.
- 11. **NOTICE:** Please be aware that due to the conflict between federal and state laws concerning the cultivation,

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SCHEDULE B, PART I - Requirements

(continued)

distribution, manufacture or sale of marijuana, the Company is not able to close or insure any transaction involving Land that is associated with these activities.

- 12. In the event this transaction involves new construction or if there has been construction on the property during the last six months please immediately contact the closer or underwriting counsel listed above to discuss the transaction.
 - If the transaction involves a construction mortgage or is a vacant land acquisition mortgage no construction related work can be performed on the property until after the mortgage is recorded and pictures have been taken at the site, in order to establish priority for the construction mortgage. Indemnities will be required at closing from the appropriate parties, depending upon the nature of the transaction.
- 13. NOTE: The Company has been advised that Larry L. Shemon is deceased. A conveyance can only be made after proper proceedings in Probate Court. The necessary probate documents must be submitted to the Company for approval and possible further requirements prior to closing.
- 14. The search did not disclose any open mortgages or deeds of trust of record, therefore the Company reserves the right to require further evidence to confirm that the property is unencumbered, and further reserves the right to make additional requirements or add additional items or exceptions upon receipt of the requested evidence.
- 15. NOTE: Commercial Partners Title, a division of Chicago Title Insurance Company, does not have the Abstract of Title for the subject property.
- 16. The legal description at Item No. 5 of Schedule A is related to the property address of 45184 State Highway 65, McGregor, MN. (Parcel 1)

NOTE: No address assigned to Parcel 2.

END OF SCHEDULE B, PART I

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SCHEDULE B, PART II - Exceptions

Some historical land records contain Discriminatory Covenants that are illegal and unenforceable by law. This Commitment and the Policy treat any Discriminatory Covenant in a document referenced in Schedule B as if each Discriminatory Covenant is redacted, repudiated, removed, and not republished or recirculated. Only the remaining provisions of the document will be excepted from coverage.

The Policy will not insure against loss or damage resulting from the terms and conditions of any lease or easement identified in Schedule A, and will include the following Exceptions unless cleared to the satisfaction of the Company:

- 1. Any defect, lien, encumbrance, adverse claim, or other matter that appears for the first time in the Public Records or is created, attaches, or is disclosed between the Commitment Date and the date on which all of the Schedule B, Part I—Requirements are met.
- 2. Rights or claims of parties in possession not shown by the Public Records.
- 3. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the title that would be disclosed by an accurate and complete land survey of the Land.
- 4. Easements, or claims of easements, not shown by the Public Records.
- 5. Any lien, or right to a lien, for services, labor, or material heretofore or hereafter furnished, imposed by law and not shown by the Public Records.
- 6. Taxes or special assessments which are not shown as existing liens by the Public Records.
- 7. General and special taxes and assessments as hereafter listed, if any (all amounts shown being exclusive of interest, penalties and costs):

A. Real estate taxes payable in 2023 are \$1,270.00 and are paid. Base tax \$1,270.00 Property Identification No. 22-0-009103 (Parcel 1)

Real estate taxes payable in 2023 are \$10.00 and are paid. Base tax \$10.00 Property Identification No. 22-0-009104 (Parcel 2)

NOTE: There are no delinquent taxes of record.

NOTE: Real estate tax information for 2024 are not yet available.

NOTE: The above tax amount may include annual recurring fees charged by the municipality and/or county, which are automatically certified to the real estate taxes.

NOTE: First half are due and payable on or before May 15, 2024; second half are due and payable on or before October 15, 2024.

B. There are no levied or pending assessments of record.

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SCHEDULE B, PART II - Exceptions

(continued)

- 8. Rights of tenants in possession under the terms of unrecorded leases.
- 9. Any lease, grant, exception or reservation of minerals or mineral rights appearing in the public records.
- 10. Terms and conditions of Conditional Use Proceedings in the matter of Conditional Use #17516 C, for conditional use permit dated July 20, 1992, filed July 28, 1992, as Document No. 273497.
- 11. Subject to possible life estate of Jean D. Brown as reserved in Quit Claim Deed dated June 5, 1997, filed June 19, 1997, as Document No. 303048. (As it may affect Parcel 2)
- 12. Terms and conditions of easement across all driveways and roadways as evidenced in Quit Claim Deed dated June 5, 1997, filed June 19, 1997, as Document No. 303048. (As it may affect Parcel 2)
- 13. Subject to possible dirt drive/ access way along the Westerly boundary of the subject property adjoining with the property directly South as evidenced on available maps, without the benefit of a recorded agreement. (As it may affect Parcel 1)

INFORMATIONAL NOTES

NOTE: Any charges for municipal services (i.e., water, sewer, correction of nuisance conditions, etc.) are the responsibility of the parties to this transaction. For information regarding the existence of any such bills contact the appropriate municipal office.

NOTE: In the event a zoning endorsement is requested, we will require a zoning letter from the municipality or a zoning report specifying the current or proposed use, specifying the zoning classification, and stating whether the property is in compliance with all applicable zoning ordinances. Parking must be addressed in the letter or report if it is to be included in the zoning endorsement.

NOTE: 1031 EXCHANGE SERVICES - If your transaction involves a tax deferred exchange, we offer this service through our 1031 division, IPX1031. As the nation's largest 1031 company, IPX1031 offers guidance and expertise. Security for Exchange funds includes segregated bank accounts and a 100 million dollar Fidelity Bond. Fidelity National Title Group also provides a 50 million dollar Performance Guaranty for each Exchange. For additional information, or to set-up an Exchange or title order, please contact us at (612) 337-2470 or info@cptitle.com.

END OF SCHEDULE B, PART II

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COMMITMENT CONDITIONS

1. **DEFINITIONS**

- a. "Discriminatory Covenant": Any covenant, condition, restriction, or limitation that is unenforceable under applicable law because it illegally discriminates against a class of individuals based on personal characteristics such as race, color, religion, sex, sexual orientation, gender identity, familial status, disability, national origin, or other legally protected class.
- b. "Knowledge" or "Known": Actual knowledge or actual notice, but not constructive notice imparted by the Public Records.
- c. "Land": The land described in Item 5 of Schedule A and improvements located on that land that by State law constitute real property. The term "Land" does not include any property beyond that described in Schedule A, nor any right, title, interest, estate, or easement in any abutting street, road, avenue, alley, lane, right-of-way, body of water, or waterway, but does not modify or limit the extent that a right of access to and from the Land is to be insured by the Policy.
- d. "Mortgage": A mortgage, deed of trust, trust deed, security deed, or other real property security instrument, including one evidenced by electronic means authorized by law.
- e. "Policy": Each contract of title insurance, in a form adopted by the American Land Title Association, issued or to be issued by the Company pursuant to this Commitment.
- f. "Proposed Amount of Insurance": Each dollar amount specified in Schedule A as the Proposed Amount of Insurance of each Policy to be issued pursuant to this Commitment.
- g. "Proposed Insured": Each person identified in Schedule A as the Proposed Insured of each Policy to be issued pursuant to this Commitment.
- h. "Public Records": The recording or filing system established under State statutes in effect at the Commitment Date under which a document must be recorded or filed to impart constructive notice of matters relating to the Title to a purchaser for value without Knowledge. The term "Public Records" does not include any other recording or filing system, including any pertaining to environmental remediation or protection, planning, permitting, zoning, licensing, building, health, public safety, or national security matters.
- i. "State": The state or commonwealth of the United States within whose exterior boundaries the Land is located. The term "State" also includes the District of Columbia, the Commonwealth of Puerto Rico, the U.S. Virgin Islands, and Guam.
- j. "Title": The estate or interest in the Land identified in Item 3 of Schedule A.
- 2. If all of the Schedule B, Part I-Requirements have not been met within the time period specified in the Commitment to Issue Policy, this Commitment terminates and the Company's liability and obligation end.
- 3. The Company's liability and obligation is limited by and this Commitment is not valid without:
 - a. the Notice:
 - b. the Commitment to Issue Policy:
 - c. the Commitment Conditions;
 - d. Schedule A;
 - e. Schedule B, Part I-Requirements; and
 - f. Schedule B, Part II-Exceptions; and
 - g. a counter-signature by the Company or its issuing agent that may be in electronic form.

4. COMPANY'S RIGHT TO AMEND

The Company may amend this Commitment at any time. If the Company amends this Commitment to add a defect, lien, encumbrance, adverse claim, or other matter recorded in the Public Records prior to the Commitment Date, any liability of the Company is limited by Commitment Condition 5. The Company is not liable for any other amendment to this Commitment.

5. LIMITATIONS OF LIABILITY

- a. The Company's liability under Commitment Condition 4 is limited to the Proposed Insured's actual expense incurred in the interval between the Company's delivery to the Proposed Insured of the Commitment and the delivery of the amended Commitment, resulting from the Proposed Insured's good faith reliance to:
 - i. comply with the Schedule B, Part I-Requirements;
 - ii. eliminate, with the Company's written consent, any Schedule B, Part II-Exceptions; or
 - iii. acquire the Title or create the Mortgage covered by this Commitment.
- b. The Company is not liable under Commitment Condition 5.a. if the Proposed Insured requested the amendment or had Knowledge of the matter and did not notify the Company about it in writing.
- c. The Company is only liable under Commitment Condition 4 if the Proposed Insured would not have incurred the expense had the Commitment included the added matter when the Commitment was first delivered to the Proposed Insured.
- d. The Company's liability does not exceed the lesser of the Proposed Insured's actual expense incurred in good faith and described in Commitment Condition 5.a. or the Proposed Amount of Insurance.
- e. The Company is not liable for the content of the Transaction Identification Data, if any.

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(continued)

- f. The Company is not obligated to issue the Policy referred to in this Commitment unless all of the Schedule B, Part I-Requirements have been met to the satisfaction of the Company.
- g. The Company's liability is further limited by the terms and provisions of the Policy to be issued to the Proposed Insured.

6. LIABILITY OF THE COMPANY MUST BE BASED ON THIS COMMITMENT; CHOICE OF LAW AND CHOICE OF FORUM

- a. Only a Proposed Insured identified in Schedule A, and no other person, may make a claim under this Commitment.
- b. Any claim must be based in contract under the State law of the State where the Land is located and is restricted to the terms and provisions of this Commitment. Any litigation or other proceeding brought by the Proposed Insured against the Company must be filed only in a State or federal court having jurisdiction.
- c. This Commitment, as last revised, is the exclusive and entire agreement between the parties with respect to the subject matter of this Commitment and supersedes all prior commitment negotiations, representations, and proposals of any kind, whether written or oral, express or implied, relating to the subject matter of this Commitment.
- d. The deletion or modification of any Schedule B, Part II-Exception does not constitute an agreement or obligation to provide coverage beyond the terms and provisions of this Commitment or the Policy.
- e. Any amendment or endorsement to this Commitment must be in writing and authenticated by a person authorized by the Company.
- f. When the Policy is issued, all liability and obligation under this Commitment will end and the Company's only liability will be under the Policy.

7. IF THIS COMMITMENT IS ISSUED BY AN ISSUING AGENT

The issuing agent is the Company's agent only for the limited purpose of issuing title insurance commitments and policies. The issuing agent is not the Company's agent for closing, settlement, escrow, or any other purpose.

8. PRO-FORMA POLICY

The Company may provide, at the request of a Proposed Insured, a pro-forma policy illustrating the coverage that the Company may provide. A pro-forma policy neither reflects the status of Title at the time that the pro-forma policy is delivered to a Proposed Insured, nor is it a commitment to insure.

9. CLAIMS PROCEDURES

This Commitment incorporates by reference all Conditions for making a claim in the Policy to be issued to the Proposed Insured. Commitment Condition 9 does not modify the limitations of liability in Commitment Conditions 5 and 6.

10. CLASS ACTION

ALL CLAIMS AND DISPUTES ARISING OUT OF OR RELATING TO THIS COMMITMENT, INCLUDING ANY SERVICE OR OTHER MATTER IN CONNECTION WITH ISSUING THIS COMMITMENT, ANY BREACH OF A COMMITMENT PROVISION, OR ANY OTHER CLAIM OR DISPUTE ARISING OUT OF OR RELATING TO THE TRANSACTION GIVING RISE TO THIS COMMITMENT, MUST BE BROUGHT IN AN INDIVIDUAL CAPACITY. NO PARTY MAY SERVE AS PLAINTIFF, CLASS MEMBER, OR PARTICIPANT IN ANY CLASS OR REPRESENTATIVE PROCEEDING. ANY POLICY ISSUED PURSUANT TO THIS COMMITMENT WILL CONTAIN A CLASS ACTION CONDITION.

11. ARBITRATION

The Policy contains an arbitration clause. All arbitrable matters when the Proposed Amount of Insurance is Two Million And No/100 Dollars (\$2,000,000.00) or less may be arbitrated at the election of either the Company or the Proposed Insured as the exclusive remedy of the parties. A Proposed Insured may review a copy of the arbitration rules at http://www.alta.org/arbitration.

END OF CONDITIONS

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No delinquent taxes and transfer entered; Certificate of Real Estate Value () filed () not required Certificate of Real Estate Value No. 13204	FILED MAR 8 1989 AT 9A M. Everett Davies, County Recorder
Date: March 1st , 19 89	(reserved for recording data)
FOR VALUABLE CONSIDERATION,	, 5, 20, 24, 24, 24, 24, 24, 24, 24, 24, 24, 24
hereby convey (s) and warrant (s) to Larry L. S	(marital status) Shemon
real property inAitkin	Grantee (s), County, Minnesota, described as follows:
together with all hereditaments and appurtenances below	tions of record, if any, and roads or road-
AITKIN COUNTY DEED TAX No	CHIBES.
Jerns Jelson Delle County Learnier y Mack Deputy	Jefffey & Schoenbauer Duch & Schoenbauer
	Jefffy J. Schoenbauer Divid K. Schoenbauer Linda K. Schoenbauer
y Nepus STATE OF MINNESOTA Ss.	Linda K. Schoenbauer de this

JOHN R. LEITNER Attorney at Law McGregor, Minnesota 55760

3.69

RECORDED
TRACT INDEX
GRANTOR
GRANTEE
COMPARED

COUNTY RECORDER AITKIN COUNTY, MINNESOTA

MAR 6'89 9/1 M

As Doc. No.

255647

415177 FILED DEC 21'12 ATAM Diane M. Lafforty, County Recorder

NO DELINQUENT TAXES AND TRANSFER ENTERED

	CERTIFICATE OF REAL ESTATE
AITKIN COUNTY DEED TAX	18 VALUE (VI FII FD () NOT
4314 Date 12-21-12	REQUIRED CERTIFICATE OF REAL
10 11200	County Auditor ESTATE VALUE NO 40825
1 - 0	(Y) // (10 ×16, 6)
County Treasurer	applieth themon
Ω	O Deputy ·
Deputy Deputy	
(Top 3 inc	Miller/Davis Company - millerdavis.con thes reserved for recording data)
QUIT CLAIM DEED	Minnesota Uniform Conveyancing Blanks
ndividual(s) to Joint Tenants	Form 10.3.3 (2011
DEED TAX DUE: \$ 42.90	DATE: November 13, 2012
	(month/day/year)
FOR VALUABLE CONSIDERATION, <u>Joseph R. Wolfbau</u>	uer and Unni S. Wolfbauer, husband and wife
	(insert name and marital status of each Grantor) ("Grantor")
nereby conveys and quitclaims to <u>Larry L. Shemon and</u>	(insert name of each Grantee)
	("Grantee"), as join
enants, real property in <u>Aitkin</u>	County, Minnesota, legally described as follows:
See EXHIBIT A attached hereto for legal descripti	•
	nd interest in that certain Contract for Deed recorded on August 17, nt No. 333076.
Grantors hereby release all of their right, title are 2001 with the Aitkin County Recorder as Docume. Check here if all or part of the described real property is Reg	nd interest in that certain Contract for Deed recorded on August 17, nt No. 333076.
* Grantors hereby release all of their right, title ar 2001 with the Aitkin County Recorder as Docume	nd interest in that certain Contract for Deed recorded on August 17, nt No. 333076.
Grantors hereby release all of their right, title are 2001 with the Aitkin County Recorder as Docume. Check here if all or part of the described real property is Regrogether with all hereditaments and appurtenances.	nd interest in that certain Contract for Deed recorded on August 17, nt No. 333076. istered (Torrens)
Grantors hereby release all of their right, title are 2001 with the Aitkin County Recorder as Documer Check here if all or part of the described real property is Regogether with all hereditaments and appurtenances. Check applicable box:	nd interest in that certain Contract for Deed recorded on August 17, nt No. 333076.
* Grantors hereby release all of their right, title ar 2001 with the Aitkin County Recorder as Docume. Check here if all or part of the described real property is Regogether with all hereditaments and appurtenances.	nd interest in that certain Contract for Deed recorded on August 17, nt No. 333076. istered (Torrens)
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Page 2	Minnesota Uniform Conveyancing Blanks Form 10.3.3
Joseph R. Wolfbauer and Unni S. Wolfbauer, husband	ntt/day/year)
(Seal, if any) NANCY L WOLFBAUER NOTARY PUBLIC-MINNESOTA My Commission Expires Jan. 31, 2015	(signature of notarial difficer) Title (and Rank): NOTARY PUBLIC My commission expires: 1-31-2015 (month/day/year)

THIS INSTRUMENT WAS DRAFTED BY: (insert name and address)

Andrew B. Kalis Ryan & Brucker, Ltd. 201 Minnesota Avenue N. P.O. Box 388 Aitkin, MN 56431-(218) 927-2136 Atty. Reg. No. 0387682 TAX STATEMENTS FOR THE REAL PROPERTY DESCRIBED IN THIS INSTRUMENT SHOULD BE SENT TO: (insert legal name and residential or business address of Grantee)

Larry and Kathie Shemon 18969 508th Lane McGregor, MN 55760 The North Five Hundred Twenty (520) feet of the West Three Hundred Eight (308) feet of the South One Thousand Forty (1040) feet of Government Lot Seven (7), Section Six (6), Township Forty-eight (48), Range Twenty-three (23).

AND

Commencing at the Southwest corner of the Southwest Quarter of Section 6, Township 48 North, Range 23 West, Aitkin County, Minnesota; thence North 01 degrees 11 minutes 30 seconds East, assumed bearing along the West line of said Southwest Quarter 520.10 feet to the intersection of said West line and a line parallel with and 520.00 feet north of the South line of said Southwest Quarter, the point of beginning of the land to be described; thence continuing along the west line of said Southwest Quarter North 01 degrees 11 minutes 30 seconds East 519.61 feet; thence South 88 degrees 58 minutes 26 seconds East 338.09 feet; thence South 02 degrees 37 minutes 48 seconds West to a point on said parallel line, thence North 89 degrees 54 minutes 53 seconds West 325.23 feet along said parallel line to the point of beginning and there terminating.

Subject to easements, restrictions and reservations of record, if any.

payling Short Sideren payling Otto at daw 12, 21-9
P.O. Box 45.

12, 21-9
PRECORDED THE Strept, The GRANTOR—
GRANTOR—
GRANTEE—
GRANTEE

OFFICE OF COUNTY RECORDER
AITKIN COUNTY, MN
DI WELL CERTIFICATE NOT RECUIRED

FILED FILED BEC 21 2012/A M DEC 21 2012/A M Diana delega

JUL 28 1992 AT 9 4- M. Everett Davies, County Recorder 273497 FILED STATE OF MINNESOTA AITKIN COUNTY PLANNING COMMISSION COUNTY OF AITKIN CONDITIONAL USE PROCEEDINGS In the Matter of Conditional Use #17516 C REQUEST: For a Conditional Use Permit to operate a pawn shop N. 520 feet of W. 308 feet of S. 1040 feet of Lot 7 in Doc. 199299. (Sec.6, Twp. 48, Rge. 23, Aitkin, Mn. ORDER GRANTING DENYING CONDITIONAL USE John C Swedlund APPLICANT HC 2 Box 107 Tamarack, MN. The above entitled matter came on to be heard before the Aitkin County Planning Commission on the $20~{\rm Th}$ day of July , on a petition for a Conditional Use pursuant to the Aitkin County Zoning Ordinance, for the following described property: The North Five Hundred Twenty feet (520) of the West Three Hundred Eight feet (308) of the South One Thousand Forty $(5\ 1040)$ feetof Lot Seven (7), Sec. Six (6), Township Forty Eight (48), Range Twenty three (23). IT IS ORDERED that a Conditional Use (most) be granted as upon the following conditions or reasons: DATED THIS 20 th DAY OF July CHAIRMAN OF PLANNING COMMISSION

STATE OF MINNESOTA)
COUNTY OF AITKIN)

AITKIN COUNTY OFFICE

OF PLANNING AND ZONING

I, Charles Bonneville, Zoning Administrator for the County of Aitkin, with and in for said county, do hereby certify that I have compared the foregoing copy and order (granting) (NENYLNE) a Conditional Use with the original record thereof preserved in my office, and have found the same to be a correct and true transcript of the whole thereof.

IN TESTIMONY WHEREOF, I have hereunto subscribed my hand at Aitkin, Minnesota, in the County of Aitkin on the 24 th day of July 19 92

AITKIN COUNTY ZONING ADMINISTRATO

THIS INSTRUMENT WAS DRAFTED BY:

Aitkin County Zoning Administrator Courthouse

Aitkin, Minnesota 56431

Cozoring

RECORDED— TRACT INDES GRANTCE— GRANTEE— COMPARED—

MITKIN COUNTY, MINNESOTA

JUL 2 8 '92 94 M

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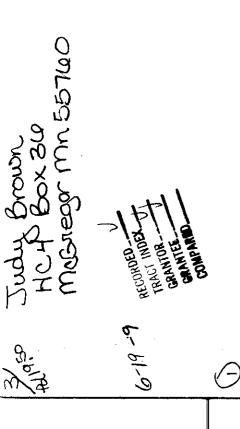
No delinquent taxes and transfer entered; Certificate Real Estate Value () filed () not require Certificate of Real Estate Value No. June 19 97 County Auditor Deputy STATE DEED TAX DUE HEREON: 1.65 Date: June 5, 1997	ROGER HOWARD ACT. CO. RECORDER (reserved for recording data)
FOR VALUABLE CONSIDERATION,	Grantor(s)
hereby convey(s) and quitclaim(s) to Larry G	(marital status)
as joint tenants, real property in Aitkin This deed is made as a correct: description in that certain ins	County, Minnesota, described as follows: ive deed to correct the legal strument dated November 25, 1996 y 9, 1997 as document no. 300327.
EXCEPT: the West Three Hundred Thousand Forty (1040) feet of I reservations and easements of GRANTOR HEREBY RETAINS A LIFE I AND The Southeast Quarter of the Nothe Northwest Quarter of the Southe East one-half of the Southe to mineral reservations and ease AND Together with an easement across	ortheast Quarter (SE% of NE%) and outheast Quarter (NW% of SE%), and west Quarter (E% of SW%), subject sments of record.
(if more space is need together with all hereditaments and appurtenances bel	ded, continue on back) (Continued on back)
Affix Deed Tax Stamp Here	Jean D. Brown
STATE OF MINNESOTA	
COUNTY OFAitkin	
The foregoing instrument was acknowledged before not by Jean D. Brown, a single personal persona	ne this, 1917, on, Grantor(s),
NOTABIAL STAMP OR SEAL (OR OTHER TITLE OR RANK):	Sara f. Tanen
SARA J. PASSER NOTARY PUBLIC - MINNESOTA My Comm. Exp. Jan. 31, 2000	SKNATURE OF PERSON TAKING ACKNOWLEDGMENT Tax Statements for the real property described in this instrument should be sent to (include name and address of Grantes): Lots 6 & 7, S-6, T-48, R-23 Except to: Jean D. Brown HCR 4, Box 46 McGregor, MN 55760
this instrument was drafted by (name and address): Shari S, Larson	•
LARSON LAW OFFICE P.O. Box 456	SE's of NE's, NW's of SE's, E's of SW's, S-6, T-48, R-23 to:
McGregor, MN 55760 (218) 768-4005	Larry and Judith Brown HCR 4, Box 36
Atty. Reg. No. 0187689	McGregor, MN 55760 AITKIN COUNTY DEED TAX

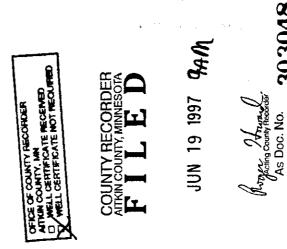
Deputy

LEGAL DESCRIPTION CONTINUED:

on Lots Six (6) and Seven (7) in Section Six (6), Township Forty-eight (48) North, of Range Twenty-three (23), West of the 4th Meridian, EXCEPT: the West Three Hundred Eight (308) feet of the South One Thousand Forty (1040) feet of Lot Seven (7).

TOTAL CONSIDERATION FOR THIS TRANSFER IS \$ 1,000.00.





Septic System Design For:



DOLLAR GENERAL

Project Contact:

Rodney Parrott – Overland Engineering LLC 1598 Imperial Cir Suite 2009 West Plains, MO 65775 Phone: 417-256-8150

Project Location:

Section 6, Township 48, Range 23 PID# 22-0-009103 45184 State Hwy 65 McGregor, MN 55760 Aitkin County

Septic System Design Completed By:

Eric Otte Septic Check 6074 Keystone Road Milaca, MN 56353 Lic # 2624

Phone: 320-983-2447

Property Owner: The Overland Group/Dollar General Store – 45184 State Hwy 65 McGregor

Summary of existing system:

The existing septic system passed a compliance inspection in 2023 with grandfathered 24" of soil separation. New construction will require the system to meet 36" of soil separation so the existing system will need to be properly abandoned. The septic tank will be pumped, crushed, and buried. The existing mound will be excavated removing all dirty components that must be properly disposed of. Any leftover aggregate may be used for fill soil only.

New system flow determination

Per the attached flow values from other Dollar General stores, they typically use less than 300 gallons per day per meter readings. There are 2-3 employees per 8-hour shift, with restrooms open to the public as well. It is estimated up to 50 customers per day will use the restroom facility at this location. Per MN Rules Chapter 7080-7083 15 gallons per shift per employee and 3.8 gallons per customer.

Hours of operation: Monday – Sunday 8am to 10pm

6 Employees (8-hour shifts) x 15 gallons = 90 GPD 50 Customers x 3.8 gallons = 190 GPD Total Estimated Flow = 280 GPD

Proposed Design Flow = 300 GPD

Soil Observation:

The soil profile identified on the property consisted of a Sandy Loam topsoil with a Loamy Sand subsoil. Redox features were present in all the observations at 4" – 6". For this design we will be using the soil loading rate for Loamy Sand at 0.60 gpd/ft2.

Summary for New System:

This is a Type III design due to less than 12" of soil separation. For Type III systems the county requires the owner to be on an operating permit to monitor water usage and regular maintenance. The owner will need to have a contract with a Service Provider who will monitor the system and report to Aitkin County once a year. The owner will also be responsible for keeping and renewing the operating permit with Aitkin County after the installation.

The proposed building will be slab on grade therefore a sewage ejector is not needed, and the business will not have garbage disposal. Sewage will flow by gravity from the store into a 1500-gallon two compartment septic/pump tank. The first 1,000-gallon compartment will be for septic capacity, from there effluent will flow into the 500-gallon compartment that will serve as the pump tank. The pump installed must deliver at least 26.0 GPM and 18.7 TDH. All manholes will need to be installed to grade for ease of servicing. Effluent will then be demand dosed to a 10' by 25' rockbed mound with 3' of washed sand. It will have laterals, cleanouts and inspection pipes to grade.

System detail:

- Brown Wilbert 1500-gallon combination tank
 - 1,000-gallon compartment for sewage
 - 500-gallon compartment for the pump tank
- (3) 24" insulated manhole covers to grade.
- Ultra-rib riser attached with ADH 100 or two-part epoxy
- Insulate top of tank if buried less than 2'
- Goulds PE 41 effluent pump / 26 GPM & 18.7 TDH
- SJE Rhombus PS Patrol Outdoor Pedestal High Water Alarm System
- 30' of 4" SCH 40 for the collection line
- 120' of 2" SCH 40 for the forcemain
- 10' x 25' Rockbed; Total Mound Footprint 50.53' x 66.04'
- (3) 23' laterals using 1 ½" SCH 40 pipe
- ½" perforations every 3'
- Elevations are referenced to the Benchmark which is the top of the screw in the marked tree – see photos.

Water supply / wells:

The drainfield and tank locations are over 50' from any wells on the property or neighboring properties.

Owner Responsibility:

- Owner to verify all property lines.
- Each tank is to be pumped through the maintenance cover when serviced. Do not pump through inspection pipes.
- Owner is responsible for all costs involved in servicing, monitoring, and mitigating the system.
- Keep all vehicles off septic area. Rutting and/or compacting the soil will change the percolation rates and may lead to system failure.
- Water softeners, iron filters, reverse osmosis systems, and high-efficiency furnaces
 produce water that is not sewage and should <u>NOT</u> go into your septic system. Reroute
 water from these sources to another outlet, such as a drywell, or drain tile.

Installer Responsibility:

- Keep all vehicles and construction equipment off septic area. Rutting and/or compacting the soil will change the percolation rates and may lead to system failure.
- Installer to verify all elevations, dimensions, and ensure proper fall to pipes. Pitch pump chamber outlet to ensure complete drainback to pump chamber.
- It is the installer's responsibility to make sure the septic system is seeded and mulched prior to final completion.
- Establish turf to prevent erosion and freezing.
- All construction to be performed in accordance with MN Rule 7080 and the Aitkin County septic ordinance.

Maintenance Requirements

See attached operating permit and management plan for details

Dollar General Water Usage from Sample Meter Readings

Location: Morehouse, Missouri Dates: 7/2012 – 8/2013

Usage: 25,510 gallons

Average: 1,962 gallons per month

65 gallons per day

Location: Marble Hill, Missouri
Dates: 5/2012 – 5/2013
Usage: 48,300 gallons

Average: 3,715 gallons per month (City indicates probable leak)

124 gallons per day

Location: Oran, Missouri
Dates: 8/2012 – 8/2013
Usage: 32,300 gallons

Average: 2,484 gallons per month

83 gallons per day

Location: Harviell, Missouri

Dates: 3/25/2014 – 2/20/2015

Usage: 26,400 gallons

Average: 2,422 gallons per month

80 gallons per day

Location: Ely, MN

Dates: 9/29/2020 – 9/10/21

Average: 54 gal/day

Location: Winterset, IA

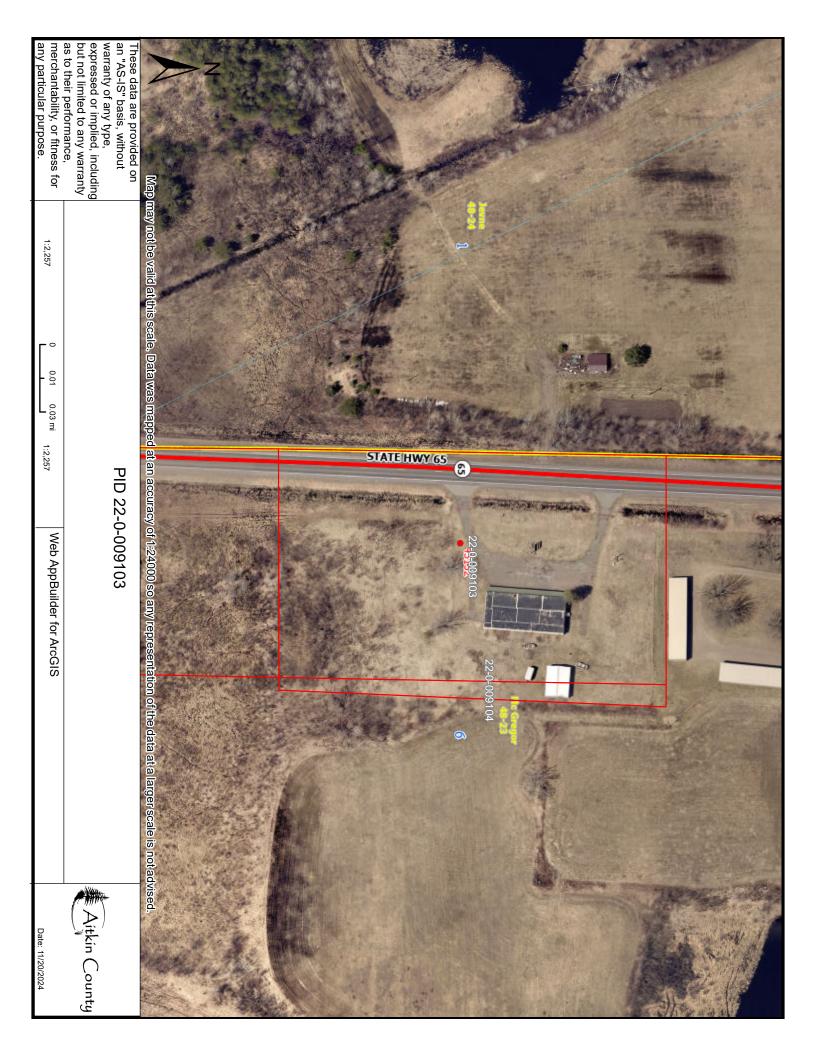
Dates: 10/22/17 - 12/23/2019

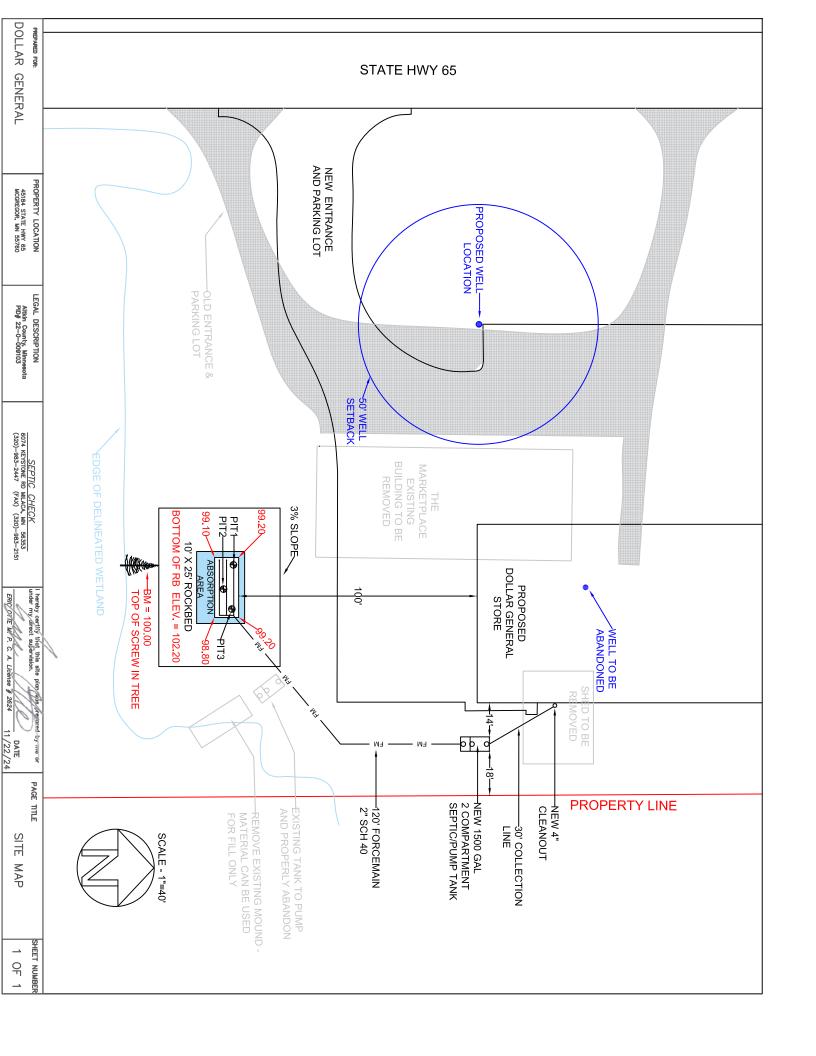
Average: 49 gal/day

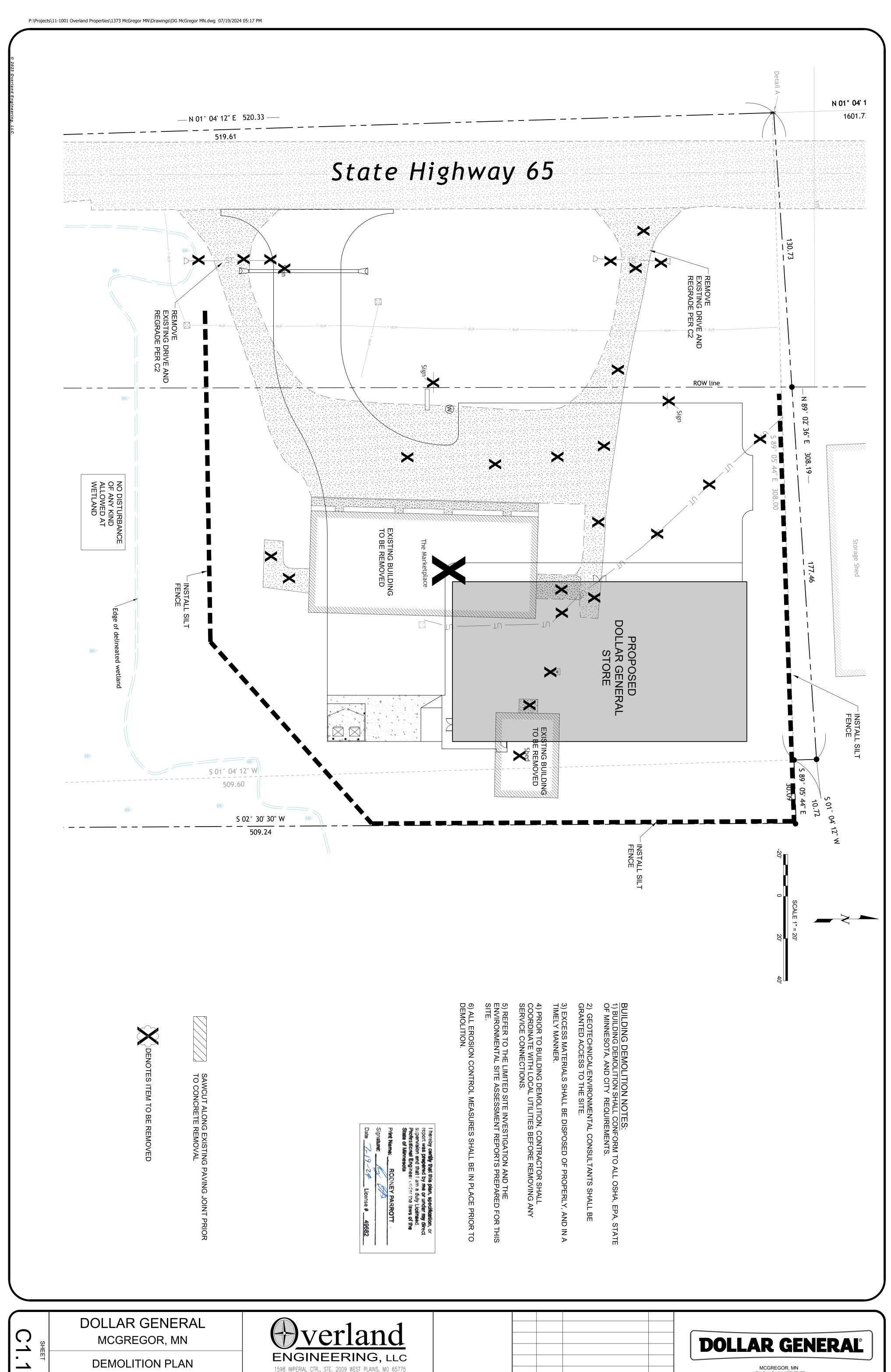
Max Monthly: 2000 gal = 67 gal/day

Based on a representative sample of other Dollar Generals with the same plumbing fixtures, a water usage of 150 gal/day is reasonable for design purposes with regard to Public water or sewer improvements, which translates to a Population Equivalent of 150/100 = 1.5.

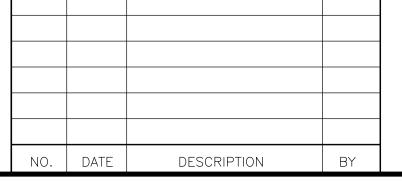
DG Store #8066 -	DG Store #8066 -Hwy H & Valley Water Mill Road - Springfield MO	oringfield MO							
Service Type:	Water - Sewer								
Sites:	08066 - 2001042310480202								
UOM:									
Start Date:	1/1/2023								
End Date:	1/9/2024								
Site #	Vendor Name	Service Period	Days	Year	Month	Cost	Qty	MOU	Avg Daily Usage
08066	CITY UTILITIES OF SPRINGFIELD	11/13/2023 - 12/14/2023	31	2023	Dec	\$118.90	1,496	GAL	48.3
08066	CITY UTILITIES OF SPRINGFIELD	10/12/2023 - 11/13/2023	32	2023	Nov	\$118.90	1,496	GAL	46.8
08066	CITY UTILITIES OF SPRINGFIELD	09/13/2023 - 10/12/2023	29	2023 Oct	Oct	\$121.82	1,496	GAL	51.6
08066	CITY UTILITIES OF SPRINGFIELD	08/14/2023 - 09/13/2023	30	2023	Sep	\$118.51	1,496	GAL	49.9
08066	CITY UTILITIES OF SPRINGFIELD	07/14/2023 - 08/14/2023	31	2023 Aug	Aug	\$88.41	2,244	GAL	72.4
08066	CITY UTILITIES OF SPRINGFIELD	06/13/2023 - 07/14/2023	31	2023 Jul	Jul	\$112.48	748	GAL	24.1
08066	CITY UTILITIES OF SPRINGFIELD	05/12/2023 - 06/13/2023	32	2023 Jun	Jun	\$117.66	1,496	GAL	46.8
08066	CITY UTILITIES OF SPRINGFIELD	04/14/2023 - 05/12/2023	28	2023 May	May	\$117.03	1,496	GAL	53.4
08066	CITY UTILITIES OF SPRINGFIELD	03/16/2023 - 04/14/2023	29	2023 Apr	Apr	\$111.07	748	GAL	25.8
08066	CITY UTILITIES OF SPRINGFIELD	02/14/2023 - 03/16/2023	30	2023 Mar	Mar	\$109.46	1,496	GAL	49.9
08066	CITY UTILITIES OF SPRINGFIELD	01/17/2023 - 02/14/2023	28	2023	Feb	\$124.51	0	GAL	
08066	CITY UTILITIES OF SPRINGFIELD	12/15/2022 - 01/17/2023	33	2023	Jan	\$65.16	0	GAL	
08066	CITY UTILITIES OF SPRINGFIELD	11/14/2022 - 12/15/2022	31	2022 Dec	Dec	\$63.33	0	GAL	







1598 IMPERIAL CTR., STE. 2009 WEST PLAINS, MO 65775 PHONE: (417) 256-8150 FAX: (417) 256-8152 rusty@overlandeng.com





EXPERT SERVICE. LASTING VALUE. CLEAN WATER

Dollar General – 45184 State Hwy 65 McGregor, MN 55760 PID 22-0-009103 Aitkin County



Existing building to be removed



Existing well to be abandoned



Existing building to be removed



EXPERT SERVICE. LASTING VALUE. CLEAN WATER



Existing tank & mound to be abandoned



Staked rockbed



Benchmark = top of screw in tree



Redox in soil pit



Preliminary Evaluation Worksheet



1. Contact	Information						V	04.02.2024				
Property Owner/Client: Dollar General Date Completed: 11/22/2024 Site Address: 45184 State Hwy 65 McGregor, MN 55760 Project ID:												
Email: rodney@overlandeng.com Phone: 417-256-8 Mailing Address: 1598 Imperial Cir Suite 2009 West Plains MO 65775 Alt Phone:												
	Mailing Address:	1598 Imperi	ial Cir Suite	2009 West F	Plains MO 65	5775	Alt Phone:					
L	Legal Description:											
	Parcel ID:	22-0-0091	03	SEC:	6	TWP:	48	RNG: 23				
2. Flow an	nd General System	 n Informatic	 on									
A. Client-Provided Information												
Project Type: New Construction Replacement Expansion Repair												
Project Use: Residential Other Establishment: Retail store												
Residential use: # Bedrooms: Dwelling sq.ft.: Unfinished sq.ft.:												
# Adults: # Children: # Teenagers:												
In-home business (Y/N): If yes, describe:												
	Garbage Disposal/Grinder Water-using devices: (check all that apply) Large Bathtub >40 gallons Clothes Washing Machine * Clear water source - should not go into system											
Addi	tional current or f	future uses:					<u> </u>	o meo system				
Anti	icipated non-dome	estic waste:										
The abo	ove is complete &	t accurate:										
B. Do	esigner-determin	ed Flow and	d Anticipate	ed Waste Str	-	gnature & da mation	te					
	•	itional infor	•		5							
		esign Flow:		GPD	Anticipa	ated Waste	Type: Oth	ner Est Resid.				
Maxin	num Concentratio	on BOD:	170	mg/L TSS	60	mg/L 0	il & Grease	25 mg/L				
3. Prelimina	ary Site Information	on										
A. Water Su	pply Wells											
				Well	Casing	Confining	STA					
#	Descripti	ion	Mn. ID#	Depth (ft.)	•	-	Setback	Source				
1	Old well to be a	abandoned										
2	Proposed de	ep well		>50'	>50'							
3												
4												
	Additional Well In	nformation:										



Preliminary Evaluation Worksheet



Sit	e within 200' of noncommunity transient well (Y/N) No Yes, source:											
Site with	nin a drinking water supply management area (Y/N) No Yes, source:											
Site in Well Head Protection inner wellhead management zone (Y/N) No Yes, source: Buried water supply pipes within 50 ft of proposed system (Y/N) No												
Buried water	supply pipes within 50 ft of proposed system (Y/N) No											
B. Site loc	ated in a shoreland district/area? No Yes, name: N/A											
	Elevation of ordinary high water level: N/A ft Source: N/A											
Classific	tation: N/A Tank Setback: N/A ft. STA Setback: N/A ft.											
C. Site loc	ated in a floodplain? No Yes, Type(s): N/A											
	Floodplain designation/elevation (10 Year): N/A ft Source: N/A											
Floodplain designation/elevation (100 Year): N/A ft Source: N												
D. Property Line Id / Source: Owner Survey County GIS Plat Map Other:												
E. ID dista	E. ID distance of relevant setbacks on map: Water Easements Well(s)											
✓ Building(s) ✓ Property Lines ☐ OHWL ☐ Other:												
4. Preliminary Soil Profile Information From Web Soil Survey (attach map & description)												
Map Units: B39A - Meehan loamy sand Slope Range: 0-3 %												
Lis	t landforms: Flats											
	position(s): Back/ Side Slope											
Palei												
	Depth to Bedrock/Restrictive Feature: 80 in Depth to Watertable: 12 in											
Map Unit	Septic Tank Absorption Field- At-grade:											
Ratings	Septic Tank Absorption Field- Mound: Slightly Limited											
	Septic Tank Absorption Field- Trench:											
5. Local Govern	nment Unit Information											
	Name of LGU: Aitkin County											
	LGU Contact: Jody Grund 218927-7342											
	LGU-specific setbacks:											
LGU-specit	ic design requirements:											
LGU-specific in:	stallation requirements:											
Notes:												



Field Evaluation Worksheet



1. Project Information v 04.02.2024										
Property Owner/Client: Dollar General Project ID:										
Site Address: 45184 State Hwy 65 McGregor, MN 55760 Date Completed: 11/22/2024										
2. Utility and Structure Information										
Utility Locations Identified Gopher State One Call # Any Private Utilities:										
Locate and Verify (see Site Evaluation map)										
3. Site Information										
Vegetation type(s): Grass Landscape position:										
Percent slope: 3.0 % Slope shape: Slope direction:										
Describe the flooding or run-on potential of site:										
Describe the need for Type III or Type IV system: 4" to saturated soils										
Note:										
Proposed soil treatment area protected? (Y/N): Yes If yes, describe: Staked/Flagged										
4. General Soils Information										
Filled, Compacted, Disturbed areas (Y/N): No										
If yes, describe:										
Soil observations were conducted in the proposed system location (Y/N): Yes										
A soil observation in the most limiting area of the proposed system (Y/N):										
Number of soil observations: 3 Soil observation logs attached (Y/N): Yes										
Percolation tests performed & attached (Y/N): No										
5. Phase I. Reporting Information										
Depth Elevation										
Limiting Condition*: 4 in 99.20 ft *Most Restrictive Depth Identified from List Below										
Periodically saturated soil: 4 in 99.20 ft Soil Texture: Medium Loamy Sand										
Standing water: in ft Percolation Rate: min/inch										
Bedrock: in ft Soil Hyd Loading Rate: 0.60 gpd/sq.ft										
Benchmark Elevation: 100.0 ft Elevations and Benchmark on map? (Y/N): Yes										
Benchmark Elevation Location: Top of screw in marked tree - see photos										
Differences between soil survey and field evaluation:										
Site evaluation issues / comments:										
Anticipated construction issues:										



Design Summary Page



1. PROJECT INFORMATION	v 04.02.2024
Property Owner/Client: Dollar General	Project ID:
Site Address: 45184 State Hwy 65 A	AcGregor, MN 55760 Date: 11/22/24
Email Address: rodney@overlandeng	.com Phone: 417-256-8150
2. DESIGN FLOW & WASTE STRENGTH	
Design Flow: 300	GPD Anticipated Waste Type: Other Est Resid.
BOD: 170	mg/L TSS: 60 mg/L Oil & Grease: 25 mg/L
Treatment Level: C	Select Treatment Level C for residential septic tank effluent
3. HOLDING TANK SIZING Holding Tank Sizi	ng: see 7080.2290
Code Minimum Holding Tank Capacity:	Gallons with Tanks or Compartments
Recommended Holding Tank Capacity:	Gallons with Tanks or Compartments
The holding tank(s) will be:	Existing tank reuse requires a tank integrity assessment
Type of High Level Alarm:	
(Alarm Set @ 75% tank capacity measure	d from inlet to bottom)
Comments:	
4. SEPTIC TANK SIZING Sizing: See 7080	1930
A. Residential dwellings:	
Number of Bedrooms (Residential):	
Code Minimum Septic Tank Capacity:	Gallons with Tanks or Compartments
Recommended Septic Tank Capacity:	Gallons with Tanks or Compartments
The septic tank(s) will be:	Existing tank reuse requires a tank integrity assessment
Comments:	
Effluent Screen & Alarm (Y/N):	Model/Type:
B. Other Establishments:	
Waste received by: Gravity	300 GPD x 3 Days Hyd. Retention Time
7080 Minimum Septic Tank Capacity: 1000	Gallons with 1 Tanks or Compartments
Designed Septic Tank Capacity: 1000	Gallons with 1 Tanks or Compartments
The septic tank(s) will be: All New	Existing tank reuse requires a tank integrity assessment
Comments:	
Effluent Screen & Alarm (Y/N): No	Model/Type:
* Other Establishments Require Department of I	abor and Industry Approval and Inspection for Building Sewer *



Design Summary Page



5. PUMP TANK SIZING Sizing: see 7080.2100									
Soil Treatment Dosing Tank Other Component Dosing Tank:									
Pump Tank Capacity (7080 Minimum): 500 Gal Pump Tank Capacity (7080 Minimum): Gal									
Pump Tank Capacity (Designed): 500 Gal Pump Tank Capacity (Designed): Gal									
Pump Req: 26.0 GPM Total Head 18.7 ft Pump Req: GPM Total Head ft									
Supply Pipe Dia. 2.00 in Dose Vol: 50.0 gal Supply Pipe Dia. in Dose Vol: Gal									
* Flow measurement device must be incorporated for any system with a pump *									
6. SYSTEM AND DISTRIBUTION TYPE Project ID:									
Soil Treatment Type: Mound Distribution Type: Pressure Distribution-Level									
Elevation Benchmark: 100.00 ft Benchmark Location: Top of screw in marked tree - se									
MPCA System Type: Type III Distribution Media: Rock									
Type III/IV/V Details: Saturated soil at 4"									
7. SITE EVALUATION SUMMARY:									
Describe Limiting Condition: Redoximorphic Features/Saturated Soils									
Layers with >35% Rock Fragments? (yes/no) No If yes, describe below: % rock and layer thickness, amount of soil credit and any additional information for addressing the rock fragments in this design.									
Note:									
Depth Depth Elevation									
Limiting Condition: 0.0 inches 0.00 ft 99.20 ft Elevations are critical for system compliance.									
Minimum Req'd Separation: 36 inches 3.00 ft Elevation									
Distribution Media Bottom*: Mound inches -3.00 ft 102.20 ft Media Bottom Elevation OK									
*This is the maximum depth to the bottom of the distribution media for required separation. Negative Depth (ft) requires a mound.									
Designed Distribution Bottom Elevation: 102.20 ft Mound Minimum Sand Depth: 36 inches									
A. Soil Texture: Medium Loamy Sand									
B. Soil Hyd. Loading Rate: 0.60 GPD/ft ² C: Percolation Rate: MPI									
D. Contour Loading Rate: 12.0 Note:									
E. Measured Land Slope: 3.0 % Note:									
Comments:									
8. SOIL TREATMENT AREA DESIGN SUMMARY									
Trench:									
Dispersal Area sq.ft Sidewall Depth in Trench Width ft									
Total Lineal Feet ft No. of Trenches Code Max. Trench Depth in									
Contour Loading Rate ft Minimum Length ft Designed Trench Depth in									
Bed:									
Dispersal Area sq.ft Sidewall Depth in Maximum Bed Depth in									
Bed Width ft Bed Length ft Designed Bed Depth in									



Design Summary Page



Project ID:											
Mound:											
Dispersal Area 250.0 sq.ft Bed Length 25.0 ft Bed Width 10.0 ft											
Absorption Width 20.0 ft Clean Sand Lift 3.0 ft Berm Width (0-1%) ft											
Upslope Berm Width 17.2 ft Downslope Berm 23.3 ft Endslope Berm Width 20.5 ft											
Total System Length 66.0 ft System Width 50.5 ft Contour Loading Rate 12.0 gal/	ft										
At-Grade:											
Dispersal Area sq.ft Bed Length ft Bed Width ft											
Upslope Berm ft Downslope Berm ft Finished Height ft											
System Length ft Endslope Berm ft System Width ft											
Level & Equal Pressure Distribution Soil Treatment Area											
No. of Laterals 3 Lateral Diameter 1.50 in Lateral Spacing 2.0 ft											
Perforation Spacing 3.0 ft Perforation Diameter 1/4 in Drainback Volume 20.4 gal											
Min Dose Volume 30.4 gal Max Dose Volume 75.0 gal Total Dosing Volume 70.4 gal											
Non-Level and Unequal Pressure Distribution Soil Treatment Area											
Elevation Pipe Size Pipe Volume Pipe Length Perf Size Spacing Spacing Volume Volume											
(ft) (in) volume (gal/ft) (ft) (in) (ft) (in) gal											
Lateral 1 Maximum Dose											
Lateral 2 Volume											
Lateral 3 gal											
Lateral 4 Total Dosing											
Lateral 5 Volume											
Lateral 6 gal											
9. Organic Loading and Additional Info for HSW or Type IV/V Design - See Organic Loading tab											
Organic Loading to Soil Treatment (Based on Waste Strength Data and Organic Loading Design)											
A. Organic Loading Based on: B. Minumum required area sq.ft											
Technology Strength Reduction (Tretment Level or HSW)											
A. Starting Waste Strength Treatment desinged to meet:											
Pretreatment Technology: *Must Meet or Exceed											
Model: Units: Target Level											
Disinfection Technology: *Required for Levels A & B											
Model: Units:											
10. Comments/Special Design Considerations:											
	$\overline{1}$										
I hereby certify that I have completed this work in accordance with all applicable ordinances, rules and laws.	_										
Eric Otte 2624 11/22/2024											
(Designer) (Signature) (License #) (Date)											

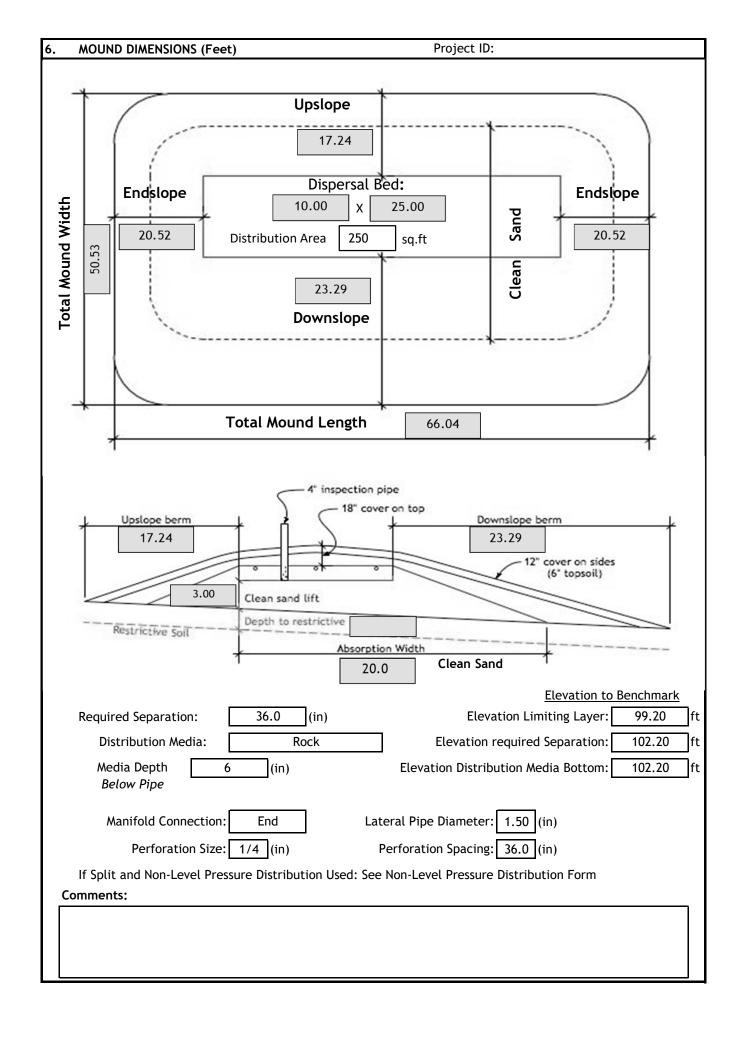


Mound Design Worksheet ≥1% Slope



1.												
A	. Design Flo	ow:	[30	00	GPD		TAB	LE IXa	l		
В	. Soil Load	ing Ra	ite:	0.	60	GPD/sqft	LOADING RATES F					
C	Depth to	Limiti	ing Condition			ft		Treatmen		Treatment Le		
0	. Percent L	and S	lope:	3.	.0	%	Percolation Rate (MPI)	Absorption Area Loading Rate	Mound Absorption Ratio	Absorption Area Loading Rate	Mound Absorption Ratio	
E	. Media (Sa	ınd) L	oading Rate:	1.	.2	GPD/sqft	<0.1	(gpd/ft²)	1	(gpd/ft²)	1	
F	. Mound Ab	sorpt	ion Ratio:	2.	00		0.1 to 5	1.2	1	1.6	1	
		мониг	Table I CONTOUR LOADING	PATFS.			0.1 to 5 (fine sand and loamy fine sand)	0.6	2	1	1.6	
		—		WILS.	Conto	ur	6 to 15	0.78	1.5	1	1.6	
	Measured Perc Rate	Texture - derived mound absorption ratio Rate OR Mound absorption ratio Rate: Loading Rate: 16 to 30 0.6 2 0.78 2 0.78 2 0.78 2										
		\rightarrow		1 1			46 to 60	0.45	2.6	0.6	2.6	
	≤ 60mpi	←	1.0, 1.3, 2.0, 2.4, 2.6	· →	≤12		61 to 120 >120	-	5	0.3	5.3	
	61-120 mpi	OR	5.0	\rightarrow	-	-						
	Systems with these values are not Type I systems. ≥ 120 mpi >5.0* *Systems with these values are not Type I systems. Contour Loading Rate (linear loading rate) is a											
2.	recommended value. DISPERSAL MEDIA SIZING											
	A. Hydraulic Absorption Required Bottom Area: Design Flow (1A) ÷ Design Media Loading Rate(1E) 300 GPD ÷ 1.20 GPD/sqft = 250.0 sq.ft											
	ntional Un	sizina	of Dispersal Media	Λrea								
	-	_	ea Size or Organic		of Bed	Area		sq.ft				
		[see	organic loading sh	eet(2G	5)]							
C	. Designed	l Disp	ersal Media Area: [250	0.0	sq.ft La	rger of 2A or 2	В				
0	. Enter Dis	persal	Bed Width:	10	0.0	ft Co	ın not exceed 1	0 feet				
Е	. Calculate	Cont	ı our Loading Rate: E	Bed Wi	dth(2D	ı) X Desigr	n Media Loading	Rate(1E)				
		10.0) ft X 1.	2	GPD/s	aft =	12.0 gal	ft	Can not e	xceed Tab	ole 1	
F	 Calculate .	Minir	mum Dispersal Bed	Length		·))			
		250			ft =	25.0	ft	`	,			
	∟ If a la	arger	dispersal media Lei	ngth is	desire	ed. enter l	 Length(ft):		ft			
3.			AREA SIZING				3 (3/1					
					25) 1		5					
Д	. Calculate	10.0	rption Width: Bed \ ft X 2.0	`	2D) X I	Mound Ab	ft	1F)				
В	For slope	s >1%.	, the Absorption Wi	dth is	measu	red downl	—— nill from the un	slope edge	e of the B	Bed.		
_	•		nslope Absorption V									
		/ -			0.0	ft -	10.0 ft	= 10.	.0 ft			
			L					<u> </u>				

4. DISTRIBUTION MEDIA: Project ID:															
	Select Disper	sal M	edia:		R	ock		1	Enter	Either	4A or	4B			
A	. Rock Depth I	Belov	v Distril	oution l	Pipe			_							
	6	in													
	Damietana d M	l l:-							7						
В.	. Registered M	eaia									_		d produc specific		
	_		d Media	-			in				-	-	and des		
	Specific Medi	ia Coi	mments	5:											
5.	MOUND SIZIN									Proje					
Α.	. Clean Sand Li	ift: R	equired	¬ '		•	_	•				,	ft minin		ه ا
3.00 ft - ft = 3.00 ft Design Sand Lift (optional):															
B.	B. Upslope Height: Clean Sand Lift(5A) + Depth of Media(4AorB) +Depth to Cover Pipe+ Depth of Cover (1 ft)										(1 ft)				
	3.00	ft	+ ().50	ft +	0).33	ft +	1.	.00	ft =	4.	83 ft	t	
	Land Slope %		0	1	2	3	4	5	6	7	8	9	10	11	12
Up	oslope Berm Ratio	3:1 4:1	3.00 4.00	2.91 3.85	2.83 3.70	2.75 3.57	2.68 3.45	2.61 3.33	2.54 3.23	2.48 3.12	2.42 3.03	2.36	-	2.26 2.78	2.21
	C. Select Upslope Berm Multiplier (based on land slope): 3.57 Calculate Upslope Berm Width: Multiplier (5C), Y Upslope Mound Height (5R)														
	D. Calculate Upslope Berm Width: Multiplier (5C) X Upslope Mound Height (5B) 3.57 X 4.83 ft = 17.24 ft														
F	. Calculate Dro	nn in	Flevatio	on Unde											
-	. catculate Dre	,	Licvati	on ona		0.00	ft X		3.0	7	100 =		30 ft	t	
l F	. Calculate Dov	wnslo	ne Mou	ınd Heig						J					
		,,,,,,,,,,				.83	ft +		.30	ft =		13	ft		
	Land Slope %	6	0	1	2	3	4	5	6	7	8	9	10	11	12
	Downslope	3:1		3.09	3.19	3.30	3.41	3.53	3.66	3.80	3.95	4.11		4.48	4.69
E	Berm Ratio	4:1	4.00	4.17	4.35	4.54	4.76	5.00	5.26	5.56	5.88	6.25	6.67	7.14	7.69
G.	. Select Downs	lope	Berm M	\ultiplie	er (base	ed on la	and slop	pe):	4.	54					
H	. Calculate Dov	wnslo	pe Beri	n Widtl	h: Dow	nslope	Multipl	ier(5G)	X Dov	vnslope	Height	t (5F)	Ī		
					4	.54	х	5	.13	ft =	23	.29	ft		
I.	Calculate Mir	nimur	n Berm	to Cov	er Abso	rption	Area: I	Downslo	ope Ab	sorptio	n Width	n(3B) +	4 feet		
					10	0.00	ft +	4	.00	ft =	14	.00	ft		
J.	. Design Downs	slope	Berm =	greate	er of 5H	and 5	l:	23	.29	ft					
K.	. Select Endslo	pe Be	erm Mu	ltiplier:	:				4	.0]	(usual	ly 3.0 or	4.0)	
L.	. Calculate End	dslop	e Berm	Width	= Endsl	ope Be	rm Mul	tiplier(5K) X C	ownslo	ре Моц	ınd Hei	ght(5F)		
					4.	.00	Х	5	.1	ft =	20.	52	ft		
М	. Calculate Mo	und V	Vidth: l	Jpslope	Berm '	Width(5D) + B	ed Wid	th(2D)	+ Dowr	nslope I	Berm W	/idth(5J)		
				17	7.24	ft +	- 10	0.00	ft +	23	.29	ft =	50.5	3	ft
N.	. Calculate Mo	und L	ength:	Endslo	pe Bern	n Widt	h (5L)	+ Bed L	_ _ength(2F) + I	Endslop	e Berm	Width(5	5L)	
				20	0.52	ft +	- 25	5.00	ft +	20	.52	ft =	66.0)4	ft





Estimated Mound Materials Worksheet



Mound to be constructed to dimensions in design. This is an estimate of materials needed. Individual construction practices may vary quantities.
Project ID: v 04.02.2024
A. Rock Volume: (Rock Below Pipe + Rock to cover pipe (pipe outside dia + ~2 inch)) X Bed Length X Bed Width = Volume
(6 in + 0.3 in) ÷ 12 X 25.0 ft X 10.0 ft = 131.9 cu.ft
Divide cu.ft by 27 cu.ft/cu.yd to calculate cubic yards: 131.9 cu.ft $\div 27$ = 4.9 cu.yd
Add 30% for constructability: 4.9 cu.yd X 1.3 = 6.3 cu.yd
B. Calculate Clean Sand Volume:
Volume Under Rock bed : Average Sand Depth x Media Width x Media Length = cubic feet 3.2 ft X 10.0 ft X 25 ft = 788 cu.ft
For a Mound on a slope from 0-1%
Volume from Length = ((Upslope Mound Height - 1) X Absorption Width Beyond Bed X Media Bed Length)
ft - 1) X X ft =
Volume from Width = ((Upslope Mound Height - 1) X Absorption Width Beyond Bed X Media Bed Width)
ft - 1) X X ft =
Total Clean Sand Volume : Volume from Length + Volume from Width + Volume Under Media
cu.ft + cu.ft + cu.ft = cu.ft
For a Mound on a slope greater than 1%
Upslope Volume: ((Upslope Mound Height - 1) x 3 x Bed Length) ÷ 2 = cubic feet
((<u>4.8</u> ft - 1) X 3.0 ft X <u>25.0</u>) ÷ 2 = <u>143.6</u> cu.ft
Downslope Volume: ((Downslope Height - 1) x Downslope Absorption Width x Media Length) \div 2 = cubic feet ((5.1 ft - 1) X 10.0 ft X 25.0) \div 2 = 516.3 cu.ft
Endslope Volume: (Downslope Mound Height - 1) \times 3 \times Media Width = cubic feet (5.1 ft - 1) \times 3.0 ft \times 10.0 ft = 123.9 cu.ft
Total Clean Sand Volume : Upslope Volume + Downslope Volume + Endslope Volume + Volume Under Media
143.6 cu.ft + 516.3 cu.ft + 123.9 cu.ft + 787.5 cu.ft = 1571.3 cu.ft
Divide cu.ft by 27 cu.ft/cu.yd to calculate cubic yards: 1571.3 cu.ft $\div 27$ = 58.2 cu.yd
Add 30% for constructability: 58.2 cu.yd X 1.3 = 75.7 cu.yd
C. Calculate Sandy Berm Volume:
Total Berm Volume (approx.): ((Avg. Mound Height - 0.5 ft topsoil) x Mound Width x Mound Length) \div 2 (5.0 - 0.5)ft X 50.5 ft X 66.0) \div 2 = 7475.4 cu.ft
Total Mound Volume - Clean Sand volume -Rock Volume = cubic feet
7475.4 cu.ft - 1571.3 cu.ft - 131.9 cu.ft = 5772.2 cu.ft
Divide cu.ft by 27 cu.ft/cu.yd to calculate cubic yards: 5772.2 cu.ft \div 27 = 213.8 cu.yd
Add 30% for constructability: $213.8 yd^3 \times 1.3 = 277.9 cu.yd$
D. Calculate Topsoil Material Volume: Total Mound Width X Total Mound Length X .5 ft
50.5 ft X 66.0 ft X 0.5 ft = 1668.6 cu.ft
Divide cu.ft by 27 cu.ft/cu.yd to calculate cubic yards: 1668.6 cu.ft ÷ 27 = 61.8 cu.yd
Add 30% for constructability: 61.8 cu.yd X 1.3 = 80.3 cu.yd



Pressure Distribution Design Worksheet



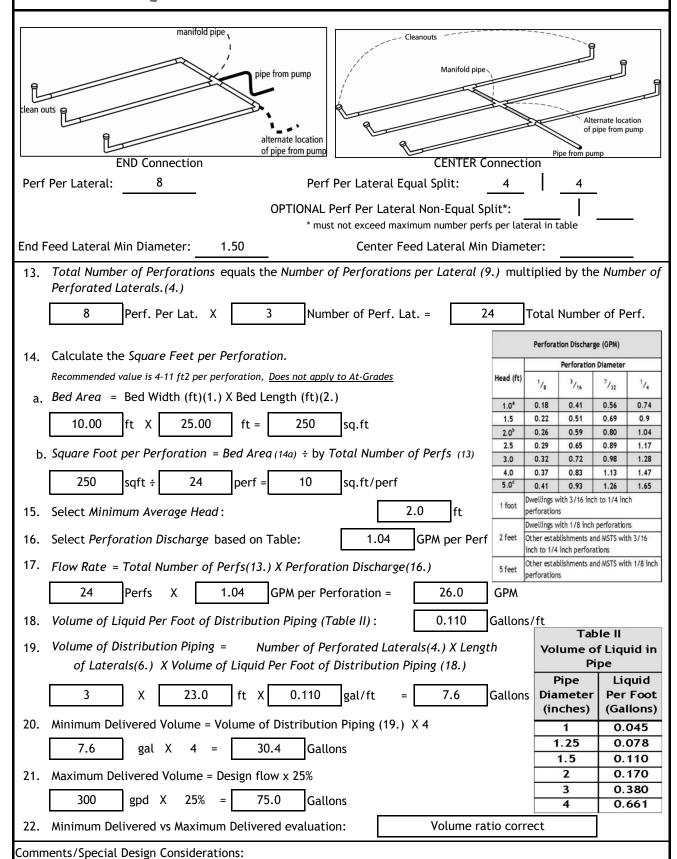
		Project ID:	04.02.2024
1.	Media Bed Width:	10.0 ft	
2.	Media Bed Length:	25.0 ft	
3.	Minimum Number of Laterals in system/zone =	= Rounded up number of [(Media Bed Width(1.) - 4) \div 3] + 1.
	[(10 -4) ÷ 3] +	- 1 = 3 laterals Does not apply to	at-grades
4.	Designer Selected Number of Laterals:	3 laterals	T=7 \$2.5883
	Cannot be less than line 2 (Except in at-grade	2S) 12" >12" Soli Cover) - 12" +
		Perforation sizing: '\s^" to '\s_" Perforation spacing:	2' to 3'
5.	Lateral spacing in Bed; Must be greater than	1 foot and no more than 2 feet from Edge: 2.0	0 ft
6.	Length of Laterals = Media Bed Length(2.) - 2	Feet.	
	25.0 - 2ft = 23.0	ft Perforation can not be closer then 1 foot from	edge.
7.	Select Perforation Spacing:	3.0 ft	
8.	Determine the <i>Number of Perforation Spaces Spacing</i> (7.) and round down to the nearest when the space of t	 Divide the Length of Laterals(6.) by the Perforation hole number. 	1
	Number of Perforation Spaces = 23.0	ft ÷ 3.0 ft = 7	paces
9.	· · · · · · · · · · · · · · · · · · ·	to 1.0 plus the <i>Number of Perforation Spaces(8.)</i> . Cheer lateral guarantees less than a 10% discharge variation	
	Perforations Per Lateral =	7 Spaces + 1 = 8 Perfs. Per Late	eral
10.	Select Perforation Diameter Size:	1/4 in 0.25	
11.	Select Lateral Diameter (See Table):	1.50 in	
12.	Select Manifold Connection (End or Center):	End If Center Manifold Connection the max nu per lateral in the table can be do	•
	Mayimum Number of Derforations	Par Lateral to Guarantee < 10% Discharge Variation	

	Maxi	imum Numl	ber of Perf	orations P	er Lateral	to Guarantee <10% Di	scharge Va	ariation					
	1/4 Inch F	erforation	s				7/32	nch Perfor	ations				
Perforation Spacing (Feet)		Pipe D	iameter (l	nches)		Perforation Spacing		Pipe [iameter (I	nches)			
renoration spacing (reet)	1	11/4	11/2	2	3	(Feet)	1	11/4	11/2	2	3		
2	10	13	18	30	60	2	11	16	21	34	68		
21/2	8	12	16	28	54	21/2	10	14	20	32	64		
3	8	12	16	25	52	3	9	14	19	30	60		
	3/16 Inch	Perforatio	ns				1/8 l	nch Perfor	ations				
Perforation Spacing (Feet)		Pipe D	iameter (I	nches)		Perforation Spacing		Pipe [iameter (I	nches)			
renoration spacing (reet)	1	11/4	11/2	2	3	(Feet)	1	11/4	11/2	2	3		
2	12	18	26	46	87	2	21	33	44	74	149		
21/2	12	17	24	40	80	21/2	20	30	41	69	135		
3	12	16	22	37	75	3	20	29	38	64	128		



Pressure Distribution Design Worksheet







Basic STA Pump Selection Design Worksheet



PROGRAM		Duningt ID:					·· 0	4 02 2024
1. PUMP CAPACITY		Project ID:					V U	4.02.2024
Pumping to Gravity or Pressure Distr	ibution:	Pres	ssure					
A. If pumping to gravity enter the gallon	per minute of the p	ump:		GPM (10 - 45 g	gpm)			
B. If pumping to a pressurized distribution	n system:		26.0	GPM				
C. Enter pump description:				Demand Dosing				
2. HEAD REQUIREMENTS								eatment system int of discharge
A. Elevation Difference	0.0 ft					. ath		<u> </u>
between pump and point of discharge	 :				Supply line	lengu		
B. Distribution Head Loss:	6 ft		nlet pipe			Elevation . difference		
C. Additional Head Loss*:	ft (due to sr	pecial equipment	t otc.)				<u> </u>	
* Common additional head loss: gate valve =								
valve = see manufacturers details		.,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Table I.Friction	on Loss i	n Plastic	Pipe pe	r 100ft
Distributio	n Head Loss			Flow Rate	Pip	e Diame	ter (inch	es)
Gravity Distribution = Oft				(GPM)	1	1.25	1.5	2
Pressure Distribution based of	n Minimum Av	erage He	ad	10	9.1	3.1	1.3	0.3
Value on Pressure Distribution		cruge rie	-	12	12.8	4.3	1.8	0.4
Minimum Average Head	Distributio	n Head L	.oss	14	17.0	5.7	2.4	0.6
1ft	1	5ft		16 18	21.8	7.3 9.1	3.0 3.8	0.7 0.9
2ft	L	6ft		20		11.1	4.6	1.1
5ft	1	Oft		25		16.8	6.9	1.7
				30		23.5	9.7	2.4
D. 1. Supply Pipe Diameter:	2.0 in			35			12.9	3.2
2. Supply Pipe Length:	120 ft			40			16.5	4.1
z. Supply ripe Length.	120			45			20.5	5.0
E. Friction Loss in Plastic Pipe per 100	t from Table I:			50				6.1
	7			55 60				7.3
Friction Loss = 1.8	ft per 100ft of pip	e		65				8.6 10.0
F. Determine Equivalent Pipe Length fro		-		70				11.4
discharge point. Estimate by adding 2		ength for fitti	ing loss. Suppl	¹ y 75				13.0
Pipe Length X 1.25 = Equivalent Pipe	Lengtn			85				16.4
120 ft X 1.25	= 150.0) ft		95				20.1
G. Calculate Supply Friction Loss by mul			.) by the <i>Equi</i>	valent Pipe Length(I	F.) and di	ivide by 1	00.	
Supply Friction Loss =								
1.8 ft per 100ft	X 150.0) ft	÷ 100	2.7	ft			
H. Total Head requirement is the sum of Supply Friction Loss(2G)	the Elevation Diffe	rence(2A) +	Distribution He	ead Loss(2B) + Addit	ional Hea	d Loss(2C	+	
	6.0 ft	+	ft +	2.7 fr	t =	18.7	ft	
3. PUMP SELECTION								
A pump must be selected to deliver at	least 26.0	O GPM w	vith at least		18.7	7 feet	of total I	nead.
Comments:								



STA Dosing Pump Tank Design Worksheet (Demand Dose)



	DETERM	INE TANK CAPACIT	TY AND DI	MENSIO	NS						Proje	ect ID:					v 04	1.02.2024
1.	A.	Design Flow:					3	300	GPD	C.	Tank I	Use:		Dosing				
	В.	Code minimum pu	ımp tank o	capacity	:		Ē	500	Gal	D.	Desigr	ned pum	np tank capacity:			50	00	Gal
2.	A.	Tank Manufacture	er:		Bro	wn Wilb	ert		В.	Tanl	k Mode	el:	1500 combo	using 500 g	al comp	art.		
	C.	Capacity from ma	nufacture	r:				504	Gallons				Note: Design ca Substituting a c	lifferent tan	ık mode	l will cha	inge the	pump
	D.	Liquid depth of ta	nk from n	nanufact	curer:		4	3.0	inches				float or timer s necessary.	ettings. Con	tact de	signer if	changes	are
	E.	Gallons per inch f	rom manu	ıfactureı	r:		1	1.7	Gallons	per ir	nch							
DET	ERMINE	DOSING VOLUME																
3.	Calculate	e <i>Volume to Cover</i> ended)	Pump (Ti	he inlet	of the pur	np must	be at le	ast 4-inch	es from t	he bo	ottom	of the p	oump tank & 2 inc	hes of water	coverin	g the pur	np is	
	(Pump a	nd block height + 2	! inches) X	(Gallon:	s Per Inch	(2E)												
	(12	in + 2	2 inches)	Х	11	1.7	Gallons I	Per Inch			=	164	Gallons				
4.	Minimu	m Delivered Volun] ne = 4 X \	Volume (L of Distribu	ition Pig	oing:	_						_				
		9 of the Pressure D					•		3	0.4		Gallons ((Minimum dose)	Γ	2.!	59	inches/d	lose
5		e Maximum Pump				•						Julions ((minimum dose)	L			inches/ c	iosc
٦.	Design F		300		GPD	X	0.25	=	7	5.0		Gallons ((Maximum dose)		6.4	40	inches/d	lose
	C-11-		1						_	0.0								
		pumpout volume t							5	0.0	(Gallons	i	Volume	of L	iauid :	in	
7.	Calculate	e Doses Per Day =	1	w(1A) ÷ Г	Delivered	d Volum	1							Volume	Pipe	100		
		300	gpd ÷		50.	0	gal =			.0		Ooses*			- i		-	
								* Doses n	eed to be	equa	al to or	greater	than 4	Pipe		Liquic		
8.	Calculate	e Drainback:								1				Diamete	er P	er Fo	ot	
	A.	Diameter of Supp	ly Pipe =						2	inch	es			(inches	5) (0	Gallon	s)	
	В.	Length of Supply I	Pine =					1	20	feet				1	-	0.045		
	υ.	Length of Supply i	трс –							1000				1.25		0.078		
	C.	Volume of Liquid	Per Linea	l Foot o	f Pipe =			0.	170	Gall	ons/ft			1.5		0.110		
	D.	Drainback = Leng	th of Supp	oly Pipe(8B) X Vol	ume of	Liquid Pe	er Lineal F	oot of P	ipe(80	C)			2		0.170		
		120	ft X	0.1	70 g	gal/ft	=	20	0.4	Gall	ons			3	3	0.380		
9.	Total Do	sing Volume = Del	ivered Vo	lume(6.)) + Draii	nback (8	8D)			4				4	_	0.661		
		50.0	gal +	20	.4	gal =	7	0.4	Gallon	S						J. J. I		
10.	Minimum	L Alarm Volume = [larm (2		_	lons per i	inch of tai	ı nk(2E)									
		3	in X	11		gal/in			5.2	Gal	lons							
11.	Reserve	Capacity Volume =	[Tank Liq	uid Dep	th(2D) - A	larm Flo	at Depth	ı(10.)] x g	allons pe	r inch	of ta	nk(2E)						
	[43.0	in -	23	.0 i	n] X	1	1.7	gal/in	=		23	4.3 Gallor	ns				
DE۸	AAND DO	SE FLOAT SETTING	SS		Alarm and	f Pump	are to be	e wired o	n separa	te cir	cuits	and insp	pected by the ele	ectrical inspe	ector			
		e Float Separation		using Da	osing Volu	me.			•				*	<u> </u>				
		sing Volume(9.) ÷		-	-													
		70.4	gal ÷	Ì	11.	7	gal	/in =	6	.01	i	nches						
12	Man		1	L]											<u> ゴ</u>
		ng from bottom of to to set Pump Off F		mn + bla	nck height	+ 2 incl	nes						Inches for Dose:	6.0 ir				
٦.	Pisturice	12.0	1	. Г	14.0		1							 .	_	2242	Cal	
,	Dist			2 in =			inches	Fl C		D# · ·			Alarm Depth	23.0 ir		234.3		+
в.	vistance	to set Pump On Fi	1	ınce to S Γ			1			1)	Pump On	20.0 ir		35.2		$\parallel \parallel \parallel$
		14.0	in +		6.0		in =		0.0	inch			Pump Off	14.0 ir	۱		Gal	4
C.	Distance	to set Alarm Floa	t = Distan 1	ice to se	t Pump-Oi	n Float(13B) + A 1	Alarm Dep	th (2-3 i	nches T	3)(10.)					164	Gal ,	Щ
		20.0	in +		3.0)	in =	2:	3.0	inch	es							

Soil Observation Log

Soil Verification for: Soil parent materials Soil parent materials Andscape Position Vegetation Vegetation Vegetation #/Loc Observation #/Loc Depth (in) Text O" - 4" Sandy L	(s): (cl	The Overland Group/Dollar General (Check all that apply) Outwash leck one) Summit Shoulder Grasses Grasses Soil surve e of Day: Rock Frag. % Matrix Color(s) Mott 1	Inat apply) Inat apply) Summit Summit State Additional color(s) Matrix Color(s)	olor(ral Prop th Lacustrine [Back/Side Slope [Prop Prop Lacustrine [Prop Pro	Property Address Loess ☐ TIII ☐ Eag. B39. Coam Cobserva Redox Kind(s) Indicat		45184 State Hw m Bedrock m Bedrock gehan Loamy Sa Pate J- Shape Granular	y 65 McGrego	es Soil Pit Co
Depth (in)	Texture	Rock Frag. %	Matrix C	Solor(s)	Mottle C	Solor(s)	Redox Kind(s)	Indicator(s)	Shape	G	Structure rade
0" - 4"	Sandy Loam	<5%	10YR	3/2					Granular	St	rong
4" - 10"	Loamy Sand	<5%	10YR 4/3	4/3	10YR 5/8	5/8	Concentrations	S2	Granular	Str	Strong
Comments:		Redox pre	Redox present at 4"								
Observatio	Observation #/Location:				2			Observation Type:	уре:		Soil Pit
Depth (in)	Tevture	Rock	JairteM	olor(e)	Mottle	olor(s)	Baday Kind(s)	Indicator(s)	-	Stı	Structure-
Deput (m)	ומאנמומ	Frag. %	Matilix Coloi(3)	70101(3)	Mottle Coloi (a)) (a)	(a)	illulcatol(s)	Shape	Grade	de
0" - 5"	Sandy Loam	<5%	10YR 3/2	3/2					Granular	Strong	ng
5" - 13"	Loamy Sand	<5%	10YR 4/3	4/3	10YR 5/8	5/8	Concentrations	S2	Granular	Strong	ng
Comments:		Redox pre	Redox present at 5"								
Observatio	Observation #/Location:				3			Observation Type:	уре:		Soil Pit
Depth (in)	Tevture	Rock	J visteM	olor(s)	Mottle	olor(s)	Podov Kind(s)	Indicator(s)	-	S	Structure-
Deput (iii)	I GYIUI G	Frag. %	Matilix Coloi(s)) (s)	Mortie Coloi (s)) (s)	Nedox Killa(s)	illuicatoi(s)	Shape	Grade	ade
0" - 4"	Sandy Loam	<5%	10YR 3/2	3/2					Granular	Strong	ong
4" - 12"	Loamy Sand	<5%	10YR 4/3	4/3	10YR 5/8	5/8	Concentrations	S2	Granular	Str	Strong
Comments:		Redox pre	Redox present at 4"								
hereby certi	fy that I have α	completed	this work	in accorda	ance with	all applica	hereby certify that I have completed this work in accordance with all applicable ordinances, rules and laws	ules and laws.			
	Eric Otte					A	1		2624		
(Des	(Designer/Inspector)	r)			S) Ag	(Signature)		•	(License #)		

Aitkin County, Minnesota

B39A—Meehan loamy sand, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 2x14l Elevation: 590 to 2,030 feet

Mean annual precipitation: 23 to 33 inches Mean annual air temperature: 36 to 48 degrees F

Frost-free period: 90 to 170 days

Farmland classification: Not prime farmland

Map Unit Composition

Meehan and similar soils: 84 percent Minor components: 16 percent

Estimates are based on observations, descriptions, and transects of

the mapunit.

Description of Meehan

Setting

Landform: Flats

Landform position (three-dimensional): Talf

Down-slope shape: Linear Across-slope shape: Linear Parent material: Sandy outwash

Typical profile

A - 0 to 7 inches: loamy sand Bw - 7 to 28 inches: sand C - 28 to 79 inches: sand

Properties and qualities

Slope: 0 to 3 percent

Surface area covered with cobbles, stones or boulders: 0.0 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Somewhat poorly drained

Capacity of the most limiting layer to transmit water (Ksat): High to

very high (2.00 to 20.00 in/hr)

Depth to water table: About 12 to 28 inches

Frequency of flooding: None Frequency of ponding: None

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0

mmhos/cm)

Available water supply, 0 to 60 inches: Low (about 4.7 inches)

Interpretive groups

Land capability classification (irrigated): 4e Land capability classification (nonirrigated): 4w

Hydrologic Soil Group: A/D

Ecological site: F088XY011MN - Moist Sandy Mixed Forest

Forage suitability group: Level Swale, Low AWC, Acid

(G057XN007MN)

Other vegetative classification: Level Swale, Low AWC, Acid

(G057XN007MN) Hydric soil rating: No

Minor Components

Roscommon

Percent of map unit: 6 percent

Landform: Flats

Landform position (three-dimensional): Dip

Down-slope shape: Concave Across-slope shape: Linear

Ecological site: F088XY008MN - Wet Mixed Forest

Other vegetative classification: Level Swale, Low AWC, Acid

(G057XN007MN)

Hydric soil rating: Yes

Wurtsmith

Percent of map unit: 4 percent

Landform: Flats

Landform position (three-dimensional): Rise

Down-slope shape: Convex Across-slope shape: Linear

Ecological site: F088XY013MN - Dry Sandy Upland Coniferous

Forest

Other vegetative classification: Sloping Upland, Low AWC, Acid

(G057XN008MN) Hydric soil rating: No

Karlstad

Percent of map unit: 2 percent

Landform: Flats

Landform position (three-dimensional): Rise

Down-slope shape: Convex Across-slope shape: Linear

Ecological site: F088XY013MN - Dry Sandy Upland Coniferous

Forest

Other vegetative classification: Sloping Upland, Low AWC, Neutral

(G057XN004MN) Hydric soil rating: No

Leafriver, frequently ponded

Percent of map unit: 2 percent

Landform: Depressions

Landform position (three-dimensional): Dip

Down-slope shape: Concave Across-slope shape: Concave

Ecological site: F088XY007MN - Wet Depressional Forest Other vegetative classification: Organic (G057XN014MN)

Hydric soil rating: Yes

Menahga

Percent of map unit: 2 percent

Landform: Flats

Landform position (three-dimensional): Rise

Down-slope shape: Convex Across-slope shape: Linear

Ecological site: F088XY012MN - Very Dry Sandy Upland

Coniferous Forest

Other vegetative classification: Sandy (G057XN022MN)

Hydric soil rating: No

Data Source Information

Soil Survey Area: Aitkin County, Minnesota Survey Area Data: Version 25, Sep 7, 2024



MAP LEGEND



MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Aitkin County, Minnesota Survey Area Data: Version 25, Sep 7, 2024

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jul 13, 2021—Aug 14, 2021

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Slide or Slip Sodic Spot Severely Eroded Spot

Miscellaneous Water
Perennial Water
Rock Outcrop
Saline Spot
Sandy Spot

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
533	Loxley peat	0.0	0.5%
B39A	Meehan loamy sand, 0 to 3 percent slopes	7.6	99.5%
Totals for Area of Interest		7.7	100.0%



Septic System Management Plan for Above Grade Systems

The goal of a septic system is to protect human health and the environment by properly treating wastewater before returning it to the environment. Your septic system is designed to kill harmful organisms and remove pollutants before the water is recycled back into our lakes, streams and groundwater.

This **management plan** will identify the operation and maintenance activities necessary to ensure long-term performance of your septic system. Some of these activities must be performed by you, the homeowner. Other tasks must be performed by a licensed septic maintainer or service provider. However, it is **YOUR** responsibility to make sure all tasks get accomplished in a timely manner.

The University of Minnesota's *Septic System Owner's Guide* contains additional tips and recommendations designed to extend the effective life of your system and save you money over time.

Proper septic system design, installation, operation and maintenance means safe and clean water!

Property Owner Dollar General	Email
Property Address 45184 Hwy 65 McGregor, MN 55760	Property ID 22-0-009103
System Designer Septic Check	Contact Info 320-983-2447
System Installer Septic Check	Contact Info 320-983-2447
Service Provider/Maintainer	Contact Info
Permitting Authority Aitkin County	Contact Info 218-927-7342
Permit #	Date Inspected

Keep this Management Plan with your Septic System Owner's Guide. The Septic System Owner's Guide includes a folder to hold maintenance records including pumping, inspection and evaluation reports. Ask your septic professional to also:

- Attach permit information, designer drawings and as-built of your system, if they are available.
- Keep copies of all pumping records and other maintenance and repair invoices with this document.
- Review this document with your maintenance professional at each visit; discuss any changes in product use, activities, or water-use appliances.

For a copy of the *Septic System Owner's Guide*, visit <u>www.bookstores.umn.edu</u> and search for the word "septic" or call 800-322-8642.

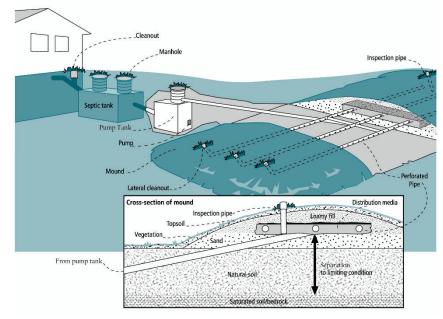
For more information see http://septic.umn.edu

Version: August 2015

Septic System Management Plan for Above Grade Systems



Your Septic System



Septic System Specifics							
System Type: I II III IIV* V* (Based on MN Rules Chapter 7080.2200 – 2400) *Additional Management Plan required	System is subject to operating permit* System uses UV disinfection unit* Type of advanced treatment unit						
Dwelling Type	Well Construction						
Number of bedrooms: 0 System capacity/ design flow (gpd): 300 Anticipated average daily flow (gpd): <300 Comments Business?: N What type? Retail Store	Well depth (ft): New well must be deep ☐ Cased well Casing depth: >50' ☐ Other (specify): Distance from septic (ft): >50' Is the well on the design drawing?						
Septic T	Tank						
□ First tank Tank volume: 1000 gallons Does tank have two compartments? □ Y □ N □ Second tank Tank volume: gallons □ Tank is constructed of Concrete □ Effluent screen: Y □ N Alarm □ Y □ N	□ Pump Tank 500 gallons □ Effluent Pump make/model: Goulds PE 41 Pump capacity 26 GPM TDH 18.7 Feet of head □ Alarm location Outdoor Powerpost						
Soil Treatment Area (STA)							
Mound/At-Grade area (width x length): 50.53 ft x 66.04 ft Rock bed size (width x length): 10 ft x 25 ft Location of additional STA: Type of distribution media: 1 1/2" Washed Rock	✓ Inspection ports ✓ Cleanouts Surface water diversions Additional STA not available						

UNIVERSITY OF MINNESOTA

Septic System Management Plan for Above Grade Systems



Homeowner Management Tasks

These operation and maintenance activities are your responsibility. Chart on page 6 can help track your activities.

Your toilet is not a garbage can. Do not flush anything besides human waste and toilet paper. No wet wipes, cigarette butts, disposal diapers, used medicine, feminine products or other trash!

The system and septic tanks needs to be checked every 36 months

Your service provider or pumper/maintainer should evaluate if your tank needs to be pumped more or less often.

Seasonally or several times per year

- Leaks. Check (listen, look) for leaks in toilets and dripping faucets. Repair leaks promptly.
- Soil treatment area. Regularly check for wet or spongy soil around your soil treatment area. If surfaced sewage or strong odors are not corrected by pumping the tank or fixing broken caps and leaks, call your service professional. *Untreated sewage may make humans and animals sick*. Keep bikes, snowmobiles and other traffic off and control borrowing animals.
- *Alarms*. Alarms signal when there is a problem; contact your service professional any time the alarm signals.
- *Lint filter*. If you have a lint filter, check for lint buildup and clean when necessary. If you do not have one, consider adding one after washing machine.
- *Effluent screen.* If you do not have one, consider having one installed the next time the tank is cleaned along with an alarm.

Annually

- Water usage rate. A water meter or another device can be used to monitor your average daily water use. Compare your water usage rate to the design flow of your system (listed on the next page). Contact your septic professional if your average daily flow over the course of a month exceeds 70% of the design flow for your system.
- Caps. Make sure that all caps and lids are intact and in place. Inspect for damaged caps at least every fall. Fix or replace damaged caps before winter to help prevent freezing issues.
- Water conditioning devices. See Page 5 for a list of devices. When possible, program the recharge frequency based on water demand (gallons) rather than time (days). Recharging too frequently may negatively impact your septic system. Consider updating to demand operation if your system currently uses time,
- Review your water usage rate. Review the Water Use Appliance chart on Page 5. Discuss any major changes with your service provider or pumper/maintainer.

During each visit by a service provider or pumper/maintainer

- Make sure that your service professional services the tank through the manhole. (NOT though a 4" or 6" diameter inspection port.)
- Ask how full your tank was with sludge and scum to determine if your service interval is appropriate.
- Ask your pumper/maintainer to accomplish the tasks listed on the Professional Tasks on Page 4.

Septic System Management Plan for Above Grade Systems



Professional Management Tasks

These are the operation and maintenance activities that a pumper/maintainer performs to help ensure long-term performance of your system. At each visit a written report/record must be provided to homeowner.

Plumbing/Source of Wastewater

- Review the Water Use Appliance Chart on Page 5 with homeowner.

 Discuss any changes in water use and the impact those changes may have on the septic system.
- Review water usage rates (if available) with homeowner.

Septic Tank/Pump Tanks

- *Manhole lid*. A riser is recommended if the lid is not accessible from the ground surface. Insulate the riser cover for frost protection.
- Liquid level. Check to make sure the tank is not leaking. The liquid level should be level with the bottom of the outlet pipe. (If the water level is below the bottom of the outlet pipe, the tank may not be watertight. If the water level is higher than the bottom of the outlet pipe of the tank, the effluent screen may need cleaning, or there may be ponding in the soil treatment area.)
- Inspection pipes. Replace damaged or missing pipes and caps.
- *Baffles*. Check to make sure they are in place and attached, and that inlet/outlet baffles are clear of buildup or obstructions.
- *Effluent screen.* Check to make sure it is in place; clean per manufacturer recommendation. Recommend retrofitted installation if one is not present.
- *Alarm*. Verify that the alarm works.
- *Scum and sludge*. Measure scum and sludge in each compartment of each septic and pump tank, pump if needed.

Pump

- Pump and controls. Check to make sure the pump and controls are operating correctly.
- Pump vault. Check to make sure it is in place; clean per manufacturer recommendations.
- *Alarm*. Verify that the alarm works.
- *Drainback*. Check to make sure it is draining properly.

•	Event counter or elapsed time meter. Check to see if there is an event counter or elapsed time
	meter for the pump. If there is one or both, calculate the water usage rate and compare to the
	anticipated use listed on Design and Page 2. Dose Volume: gallons: Pump run time:
	Minutes

Soil Treatment Area

- *Inspection pipes*. Check to make sure they are properly capped. Replace caps and pipes that are damaged.
- Surfacing of effluent. Check for surfacing effluent or other signs of problems.
- Lateral flushing. Check lateral distribution; if cleanouts exist, flush and clean at recommended frequency.
- Vegetation Check to see that a good growth of vegetation is covering the system.

All other components – evaluate as listed here:	
-	

Septic System Management Plan for Above Grade Systems



Water-Use Appliances and Equipment in the Home

Appliance	Impacts on System	Management Tips
Garbage disposal	 Uses additional water. Adds solids to the tank. Finely-ground solids may not settle. Unsettled solids can exit the tank and enter the soil treatment area. 	 Use of a garbage disposal is not recommended. Minimize garbage disposal use. Compost instead. To prevent solids from exiting the tank, have your tank pumped more frequently. Add an effluent screen to your tank.
Washing machine	 Washing several loads on one day uses a lot of water and may overload your system. Overloading your system may prevent solids from settling out in the tank. Unsettled solids can exit the tank and enter the soil treatment area. 	 Choose a front-loader or water-saving top-loader, these units use less water than older models. Limit the addition of extra solids to your tank by using liquid or easily biodegradable detergents. Limit use of bleach-based detergents and fabric softeners. Install a lint filter after the washer and an effluent screen to your tank Wash only full loads and think even – spread your laundry loads throughout the week.
Dishwasher	 Powdered and/or high-phosphorus detergents can negatively impact the performance of your tank and soil treatment area. New models promote "no scraping". They have a garbage disposal inside. 	 Use gel detergents. Powdered detergents may add solids to the tank. Use detergents that are low or no-phosphorus. Wash only full loads. Scrape your dishes anyways to keep undigested solids out of your septic system.
Grinder pump (in home)	Finely-ground solids may not settle. Unsettled solids can exit the tank and enter the soil treatment area.	 Expand septic tank capacity by a factor of 1.5. Include pump monitoring in your maintenance schedule to ensure that it is working properly. Add an effluent screen.
Large bathtub (whirlpool)	 Large volume of water may overload your system. Heavy use of bath oils and soaps can impact biological activity in your tank and soil treatment area. 	 Avoid using other water-use appliances at the same time. For example, don't wash clothes and take a bath at the same time. Use oils, soaps, and cleaners in the bath or shower sparingly.
Clean Water Uses	Impacts on System	Management Tips
High-efficiency furnace	Drip may result in frozen pipes during cold weather.	Re-route water directly out of the house. Do not route furnace discharge to your septic system.
Water softener Iron filter Reverse osmosis	 Salt in recharge water may affect system performance. Recharge water may hydraulically overload the system. 	 These sources produce water that is not sewage and should not go into your septic system. Reroute water from these sources to another outlet, such as a dry well, draintile or old drainfield.
Surface drainage Footing drains	Water from these sources will overload the system and is prohibited from entering septic system.	 When replacing, consider using a demand-based recharge vs. a time-based recharge. Check valves to ensure proper operation; have unit serviced per manufacturer directions

Septic System Management Plan for Above Grade Systems



Homeowner Maintenance Log

Track maintenance activities here for easy reference. See list of management tasks on pages 3 and 4.

Activity	Date accomplished								
Check frequently:									
Leaks: check for plumbing leaks*									
Soil treatment area check for surfacing**									
Lint filter: check, clean if needed*									
Effluent screen (if owner-maintained)***									
Alarm**									
Check annually:									
Water usage rate (maximum gpd 300)									
Caps: inspect, replace if needed									
Water use appliances – review use									
Other:									

Notes: If flow exceeds system capacity, check for and repair any leaks into the system, including household plumbing fixtures. If system ponds or otherwise cannot handle flow, repair options include; add time dosing, adding pre-treatment, or expanding the system.

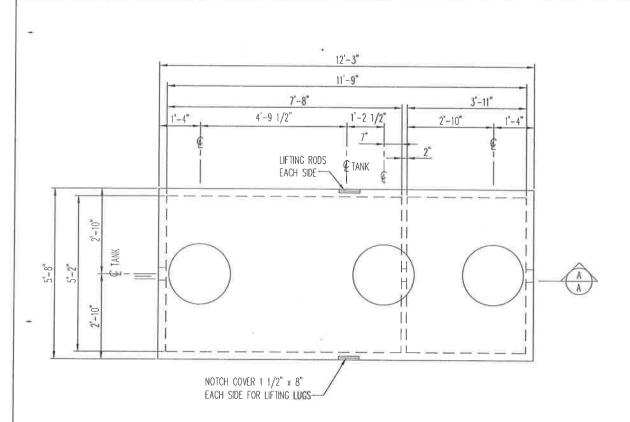
"As the owner of this SSTS, I understand it is my responsibility to properly operate and maintain the sewage treatment system on this property, utilizing the Management Plan. If requirements in this Management Plan are not met, I will promptly notify the permitting authority and take necessary corrective actions. If I have a new system, I agree to adequately protect the reserve area for future use as a soil treatment system."

Property Owner Signature:	Date
Management Plan Prepared By: Eric Otte	Certification # 8453
Permitting Authority: Aitkin County	

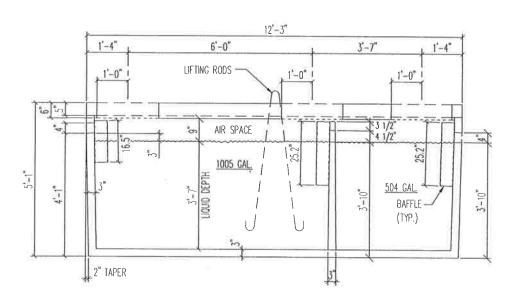
^{*}Monthly

^{**}Quarterly

^{***}Bi-Annually



1500 GALLON 2 COMP. TANK 1/2" = 1'-0"





NOTE:

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

1500 GALLON 2 COMP. SEPTIC TANK (1500-2C)



WEIGHT=13,600# MAX. SOIL COVER= 7'-0" TOTAL LIQUID VOLUME= 1509 GAL.

TECHNICAL BROCHURE

BPE R1



FEATURES

Corrosion resistant construction

Cast iron body

Thermoplastic impeller and cover.

Upper sleeve and lower heavy duty ball bearing construction.

Motor is permanently lubricated for extended service life.

Powered for continuous operation.

All ratings are within the working limits of the motor.

Quick disconnect power cord, 20' standard length, heavy duty 16/3 SJTW with 115 or 230 volt grounding plug.

Complete unit is heavy duty, portable and compact.

Mechanical seal is carbon, ceramic, BUNA and stainless steel.

Stainless steel fasteners

SUBMERSIBLE EFFLUENT PUMP





Wastewater

APPLICATIONS

Specially designed for the following uses:

- Mound Systems
- Effluent/Dosing Systems
- Low Pressure Pipe Systems
- Basement Draining
- Heavy Duty Sump/Dewatering

SPECIFICATIONS

Pump - General:

• Discharge: 1½" NPT

• Temperature: 104°F (40°C) maximum, continuous when fully submerged.

• Solids handling: ½" maximum sphere.

• Automatic models include a float switch.

• Manual models available.

• Pumping range: see performance chart or curve.

PE31 Pump:

Maximum capacity: 53 GPMMaximum head: 25' TDH

PE41 Pump:

Maximum capacity: 61 GPMMaximum head: 29' TDH

PE51 Pump:

Maximum capacity: 70 GPMMaximum head: 37' TDH

MOTOR

General:

- Single phase
- 60 Hertz
- 115 and 230 volts
- Built-in thermal overload protection with automatic reset.
- Class B insulation
- Oil-filled design
- High strength carbon steel shaft

PE31 Motor:

- .33 HP, 3000 RPM
- 115 volts
- Shaded pole design

PE41 Motor:

- .40 HP, 3400 RPM
- 115 and 230 volts
- PSC design

PE51 Motor:

- .50 HP, 3400 RPM
- 115 and 230 volts
- PSC design

AGENCY LISTINGS



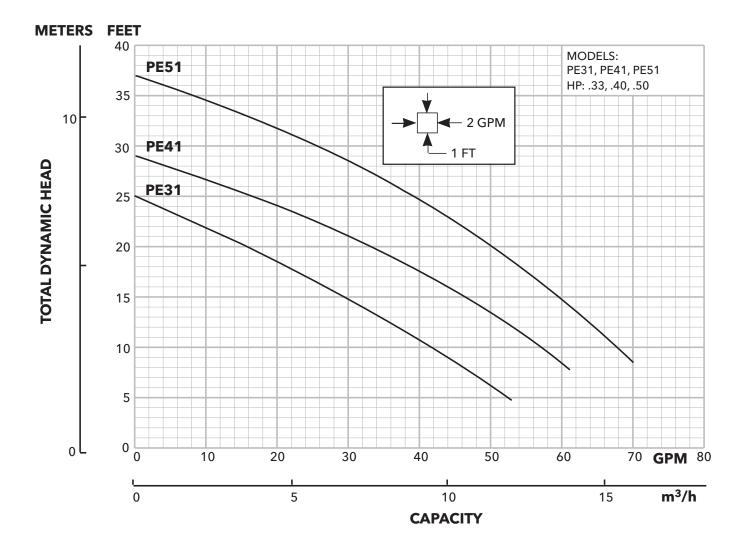
Tested to UL 778 and CSA 22.2 108 Standards

By Canadian Standards Association

File #LR38549

PUMP INFORMATION

Order No.	НР	Volts	Amps	Minimum Circuit Breaker	Phase	Float Switch Style	Cord Length	Discharge Connection	Minimum Basin Diameter	Maximum Solids Size	Shipping Weight Ibs/kg
PE31M	0.33		12	20		Manual / No Switch					
PE31P1	0.33	115	12	20		Piggyback Float Switch					
PE41M		113	7.5	1.5		Manual / No Switch					
PE41P1			7.5	15		Piggyback Float Switch					
PE42M	0.4	230	3.7	10	1	Manual / No Switch	20'	1.5"	18"	.5"	31 / 14.1
PE42P1		230	3.7	10	l l	Piggyback Float Switch	20	1.5	10	.5	31/14.1
PE51M		115	0.5	20		Manual / No Switch	1				
PE51P1]	115	9.5	20		Piggyback Float Switch					
PE52M	0.5	220	4.7	10		Manual / No Switch]				
PE52P1]	230	4.7	10		Piggyback Float Switch]				



PERFORMANCE RATINGS

PE31

Total Head (feet of water)	GPM
5	52
10	42
15	29
20	16
25	0

PE41

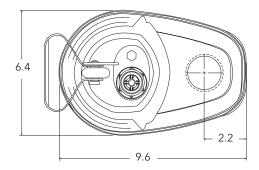
Total Head (feet of water)	GРM
8	61
10	57
15	46
20	33
25	16

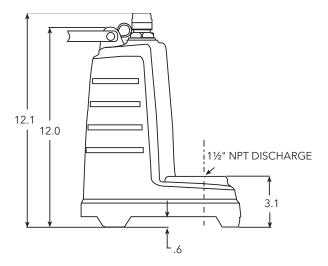
PE51

Total Head (feet of water)	GРM
10	67
15	59
20	50
25	39
30	26
35	8

DIMENSIONS

(All dimensions are in inches. Do not use for construction purposes.)







Xylem Inc. 2881 East Bayard Street Ext., Suite A Seneca Falls, NY 13148 Phone: (866) 325-4210 Fax: (888) 322-5877 www.gouldswatertechnology.com

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PS PATROL® SUSTEM

Outdoor Pedestal High Water Alarm System

The newly enhanced PS Patrol® system features all the same functions you have come to expect, plus so much more over other traditional pedestal-style alarms.

The PS Patrol® features a built-in high water alarm and provides a convenient location to connect all wiring required for a pumping station application. It employs a receptacle for easy connection of a 120V pump and piggy-back pump switch.

The sleek, angled design of the clear enclosure includes a removable cover for easy access for field wiring and viewing components. All internal components are sealed within the cover for protection from the elements. The red LEDs illuminate the top of the cover in an alarm condition for easy 360° visual identification. Available with or without 32" mounting post.

FEATURES

- Enclosure meets Type 3R water-tight standards
- Innovative design allows alarm to accept a 5" square plastic post or 4" pipe/conduit for mounting
- Automatic alarm reset and green power on indicator
- Flush mount horn silence/alarm test switch
- Auxiliary alarm contacts included for easy attachment of remote devices
- Includes cord seal for sealing switch and pump cables
- Electrical potting cavity to provide easy, reliable method to seal power cables (electrical duct seal not included)
- Options include various switch cord lengths, riser assembly adapter, dual alarm, and elapsed time meter

	PART NO.	DESCRIPTION
•	1022728	PSP2 120V, no pump switch, with post
•	1019021	PSP2 120V, no pump switch, 20A breaker, with post
•	1022575	PSP2 120V, ETM, with post
•	1022577	PSP2 120V, DUO alarm, ETM, with post
•	1018434	PSP2 120V, TAAB indoor alarm, with post
•	1011551	Assembly Kit (riser extension coupling and washers)

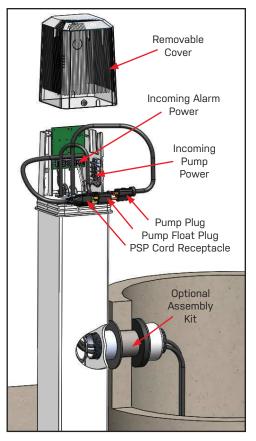




U.S Patent No. 9472,932 and D780,703













PS PATROL® System

Provides convenient wiring connection and system monitoring for pump station applications.

The PS Patrol® system features a built-in high water alarm and provides a convenient location to connect all wiring required for a pumping station installation. The PS Patrol® system employs a receptacle to accept a 120 VAC pump and piggy-back style pump switch.

The sleek, angled design of the clear enclosure includes a removable cover for easy access for field wiring. All internal components are sealed within the cover for protection from the elements. The red LED illuminates the cover in an alarm condition for easy 360° visual identification. Available with or without 32" mounting post.



Shown with Mounting Post U.S. Patent Nos. D 780,703 and 9,472,932

STANDARD FEATURES

- Controller meets Type 3R watertight standards and is designed for outdoor use
- Built-in high water alarm
- Removable cover provides greater access for field wiring and service
- Controller can be purchased with standard 5" square plastic post or can be mounted on 4" schedule 40/80 PVC pipe or conduit (customer supplied)
- Automatic alarm reset, horn silence and alarm test
- 360° visual alarm; audible alarm
- Red LED illuminates cover in alarm condition
- Green Power On light
- Auxiliary alarm contacts included for easy attachment of remote
- Receptacle for easy connection of pump and piggy-back pump switch
- Cord seal included for sealing switches and pump cable
- Electrical potting cavity provides easy reliable method to seal power cables. (User to provide duct seal)
- **CSA Certified**
- Five-year limited warranty

OPTIONS

- Mercury or mechanical pump switches
- Various cord lengths
- Riser assembly adapter
- Dual alarm (2nd alarm input Yellow LED illuminates cover in alarm condition)
- Elapsed Time Meter (ETM)
- Pump circuit breaker
- Available with or without 32" post

SPECIFICATIONS

ALARM VOLTAGE: 120 VAC

PUMP VOLTAGE: 120 VAC

ENCLOSURE SIZE:

Controller with post 5" X 5" X 39" Controller without post 5" X 5" x 8"

RECEPTACLE: 120 VAC - NEMA Type 5-15

AUXILIARY CONTACTS 120 VAC

0.5 amps max., 50/60 Hz (circuit not supervised)

ALARM HORN: 82 decibels at 10 feet

ALARM FLOAT: SJE SignalMaster® control

switch with mounting clamp



1-888-DIAL-SJE • 1-218-847-1317 1-218-847-4617 Fax

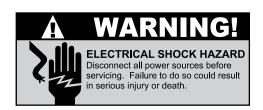
PSP2 120V			
MODEL PSP2			\$328.00
MODEL 120V		Bas	9
STARTING DEVICE 1 = SJE PumpMaster® pump switch	(0-13 FLA) •	\$49.00 \$65.00	
3 = 120 VAC Double Float® pump s 5 = Super Single® pump switch (12 6 = No pump switch	witch (0-15 FLA) ▲ 0V = 0-15 FLA) ▲	\$111.00 \$87.00 Bası)) e
7 = 120 VAC Double Float® Master	pump switch (0-15 FLA) ()\$97.00	0
		Bas	
OPTIONS Listed below			S
		TOTAL LIST PRICE	
CODE DESCRIPTION	LIST PRICE	CODE DESCRIPTION	LIST PRICE
1J Duo alarm inputs	·	16A 10' cord in lieu of 20' (per float)	
1V Vertical Reed Switch (must select	.,	(Does not apply for Double Float® or Double Float	
8A Elapsed time meter		16B 15' cord in lieu of 20' (per float)	
10X No Mounting Post		16C 30' cord in lieu of 20' (per float)	
15_P Pump breaker		16D 40' cord in lieu of 20' (per float)	
specify 0 or 1 after number 15 followed b	y letter "P"	17A SJE SignalMaster® / pipe clamp (αlarm	
0 = 15 amp breaker (0-7 FLA)		17J Sensor Float® / pipe clamp (alarm float)	
1 = 20 amp breaker (7-15 FLA)		22F PSP Assembly Kit	\$58.00
(Ex. 151P = 20 amp breaker, 7-15 FLA)			
		Mechanically-activatedMechanically-activated	ercury-activated

Part Number	Model Number	Description	FLA	List Price	Ship Weight
1022728	PSP2120V6H17A	PSP2 120V, no pump switch, 20' SJE SignalMaster*, with mounting post	0-15	\$325.00	13 lbs.
1019021	PSP2120V6H151P17J	PSP2 120V, no pump switch, 20' Sensor Float [*] , 20A circuit breaker, with mounting post	7-15	\$396.00	13 lbs.
1022575	PSP2120V6H8A17A	PSP2 120V, ETM, 20' SJE SignalMaster [*] , with mounting post	0-15	\$405.00	14 lbs.
1022577	PSP2120V6H1JV8A17A	PSP2 120V, Duo alarm, ETM, 20' SJE SignalMaster & VRS, with mounting post	0-15	\$548.00	15 lbs.
1018434	PSP2AB6H16B17A	PSP2 120V, no alarm, no pump switch; remote TAAB, 15' SJE SignalMaster*, with mounting post	0-15	\$297.00	16 lbs.
1011551	Assembly Kit	Riser Extension Coupling and Washers	n/a	\$66.00	10 lbs.

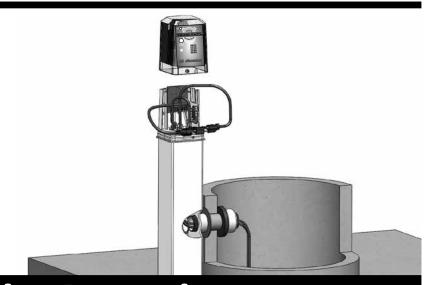
Call or fax your order! I-888-DIAL-SJE (I-888-342-5753) • Fax 218-847-4617



PS Patrol® System with 120V Alarm Installation Instructions



This control panel must be installed and serviced by a licensed electrician in accordance with the National Electric Code NFPA-70, state and local electrical codes.



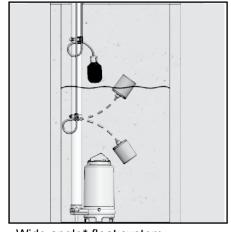
Installation Instructions

Figure 1



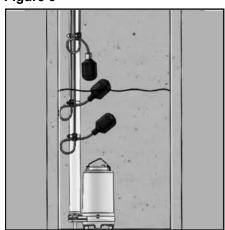
Install alarm float and pump float. (Mounting Clamp detail)

Figure 2



Wide angle* float system.
*SJE PumpMaster®, SJE PumpMaster® Plus,
or Super Single® pump switches

Figure 3



SJE Double Float® Master and Double Float® pump switches

DETERMINING PUMPING RANGE (IN INCHES)

Super Single®	tether length	3.5	5	7	9	11	13	15
pumping range	pumping range	6.5	7.5	8.5	10	11	12.5	13.5
SJE PumpMaster® & SJE PumpMaster Plus®	tether length	3.5	6	10	9	14	18	22
pumping range	pumping range	7	10	16	22	28	33	36

Use only as a guide. Pumping ranges are based on testing in non-turbulent conditions. Range may vary due to water temperature and cord shape.

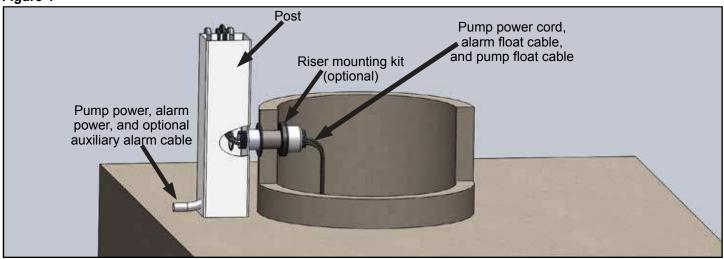
Note: As the tether length increases, so does the variance of the pumping range.

SJE Rhombus.

22650 County Highway 6 ■ P.O. Box 1708 ■ Detroit Lakes, Minnesota 56502 USA 1-888-DIAL-SJE (1-888-342-5753) ■ Phone: 218-847-1317 ■ Fax: 218-847-4617

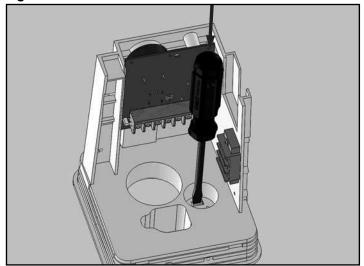
Installation Instructions

Figure 4



Run cables through optional riser mounting kit and post.

Figure 5



Punch out power cable knock outs as shown.

Note: Only remove knock outs for number of cables used.

Figure 7

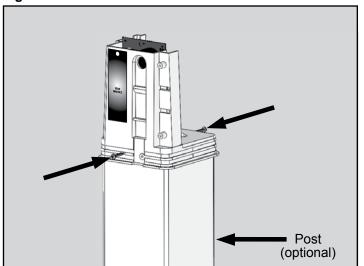
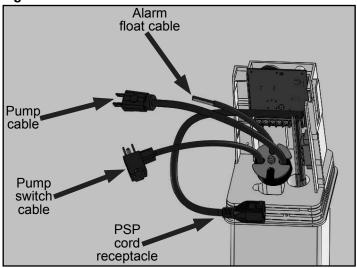
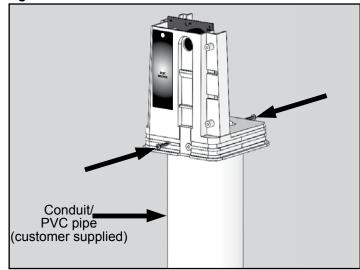


Figure 6



Holding base, run cables through cord seal holes.

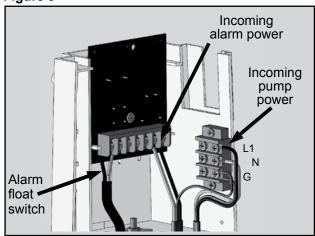
Figure 8



Mount PS Patrol® to post. **Note:** PS Patrol® can be mounted to optional square plastic post as shown in **Figure 7** or 4 inch conduit / PVC Pipe (customer supplied) as shown in **Figure 8**. Use #8 x 1" screws only.

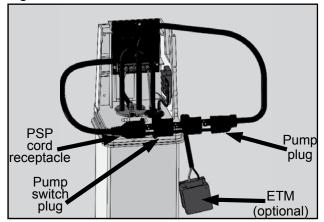
Installation Instructions

Figure 9



Connect alarm power, pump power and alarm float switch as shown.

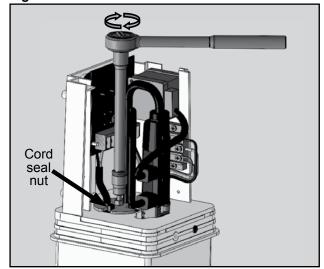
Figure 11



Plug pump switch piggy-back plug into PSP cord receptacle. If using optional ETM, plug this into back of pump switch piggy-back plug. Plug pump in last.

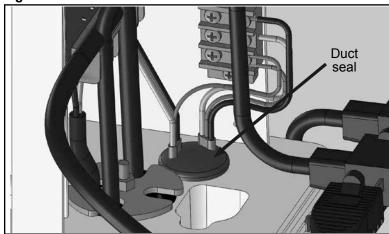
WARNING: Failure to have the plugs in order described as shown will effect proper operation of system.

Figure 13



Firmly tighten cord seal nut so that cables do not move and cord seal is held in place.

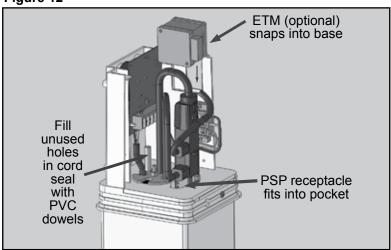
Figure 10



Use electrical duct seal to fill around incoming power cords. Ensure pocket is filled completely and the gaps filled around each cable.

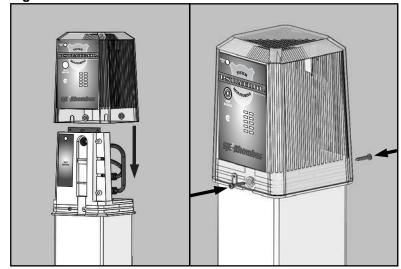
WARNING: Failure to do so will allow sewer gases to enter control panel causing corrosion and failure of electrical components.

Figure 12



If ETM is used, snap into location as shown. Arrange cords as shown. Receptacle is inserted into pocket. Push excess cord back through cord seal. Install PVC dowels into unused holes of cord seal.

Figure 14



Install cover on base and screw into place.

Installation Instructions

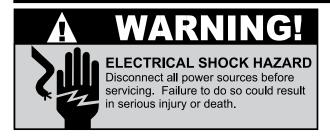
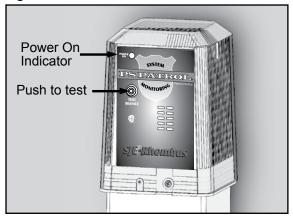


Figure 15



Turn on power and test alarm by pressing the test silence switch. Horn will sound and alarm light will illuminate.

Figure 16



Perform final testing on system by lifting pump and alarm float. When pump float is lifted, the pump will turn on. When alarm float is lifted, the alarm horn will sound and alarm light will illuminate.

SJE-Rhombus® Five-Year Limited Warranty

SJE-RHOMBUS® warrants to the original consumer that this product shall be free of manufacturing defects for five years after the date of consumer purchase. During that time period and subject to the conditions set forth below, **SJE-RHOMBUS®** will repair or replace, for the original consumer, any component which proves to be defective due to defective materials or workmanship of **SJE-RHOMBUS®**.

ELECTRICAL WIRING AND SERVICING OF THIS PRODUCT MUST BE PERFORMED BY A LICENSED ELECTRICIAN.

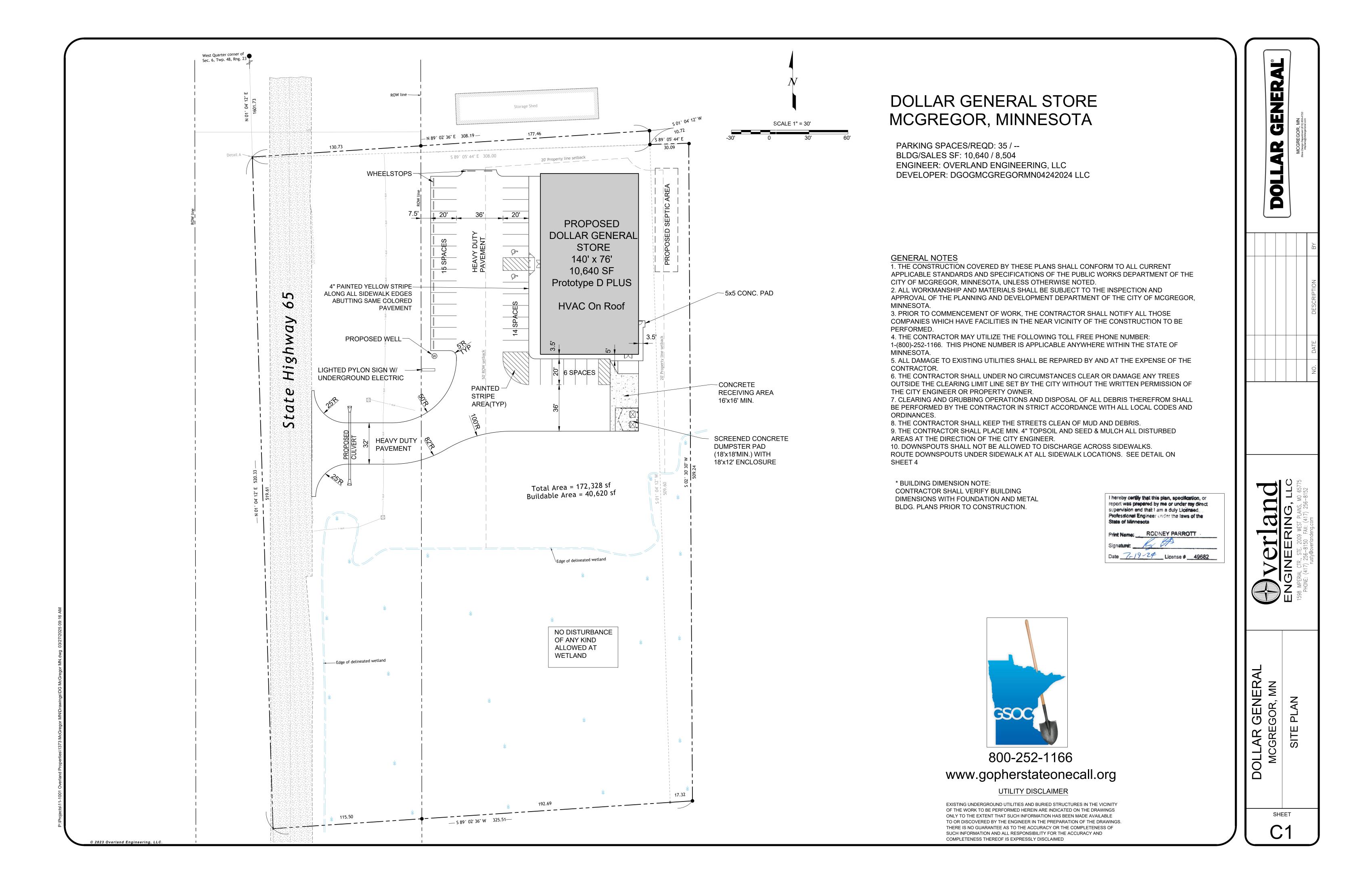
THIS WARRANTY DOES NOT APPLY: (A) to damage due to lightning or conditions beyond the control of SJE-RHOMBUS®; (B) to defects or malfunctions resulting from failure to properly install, operate or maintain the unit in accordance with printed instructions provided; (C) to failures resulting from abuse, misuse, accident, or negligence; (D) to units which are not installed in accordance with applicable local codes, ordinances, or accepted trade practices, and (E) to units repaired and/or modified without prior authorization from SJE-RHOMBUS®.

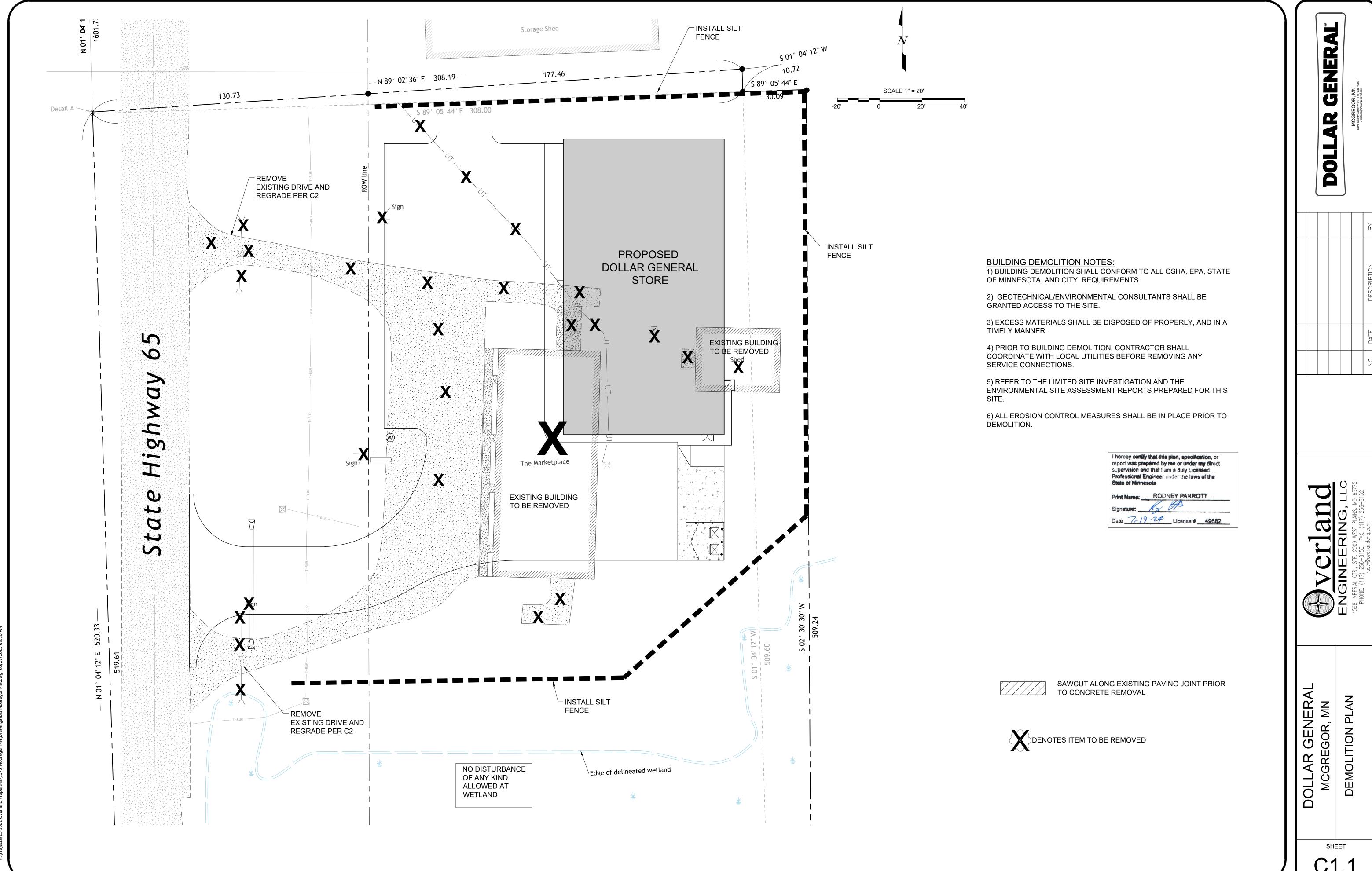
Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

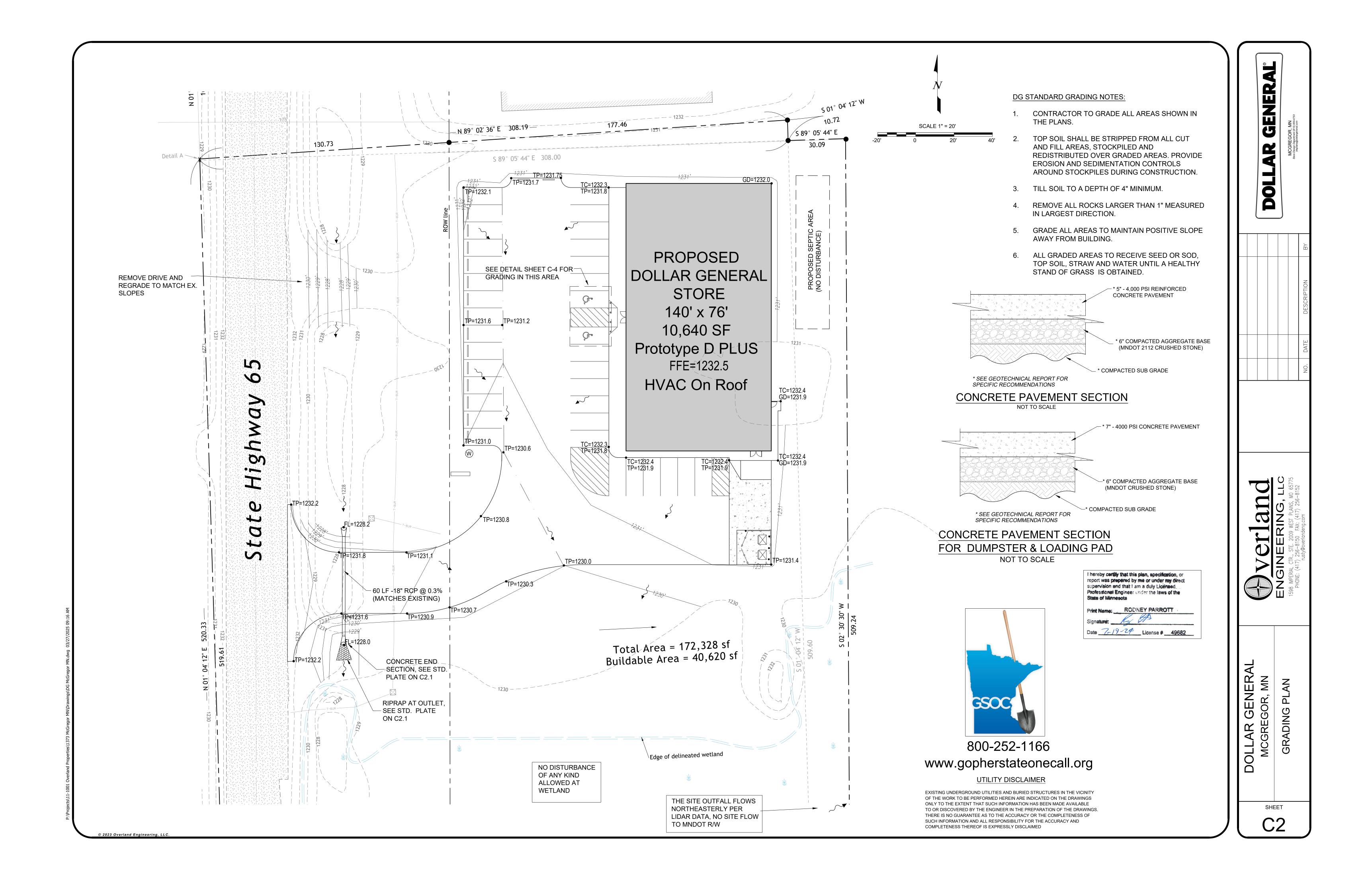
TO OBTAIN WARRANTY SERVICE: The consumer shall assume all responsibility and expense for removal, reinstallation, and freight. Any item to be repaired or replaced under this warranty must be returned to **SJE-RHOMBUS**®, or such place as designated by **SJE-RHOMBUS**®.

ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS ARE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. SJE-RHOMBUS® SHALL NOT, IN ANY MANNER, BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES AS A RESULT OF A BREACH OF THIS WRITTEN WARRANTY OR ANY IMPLIED WARRANTY.

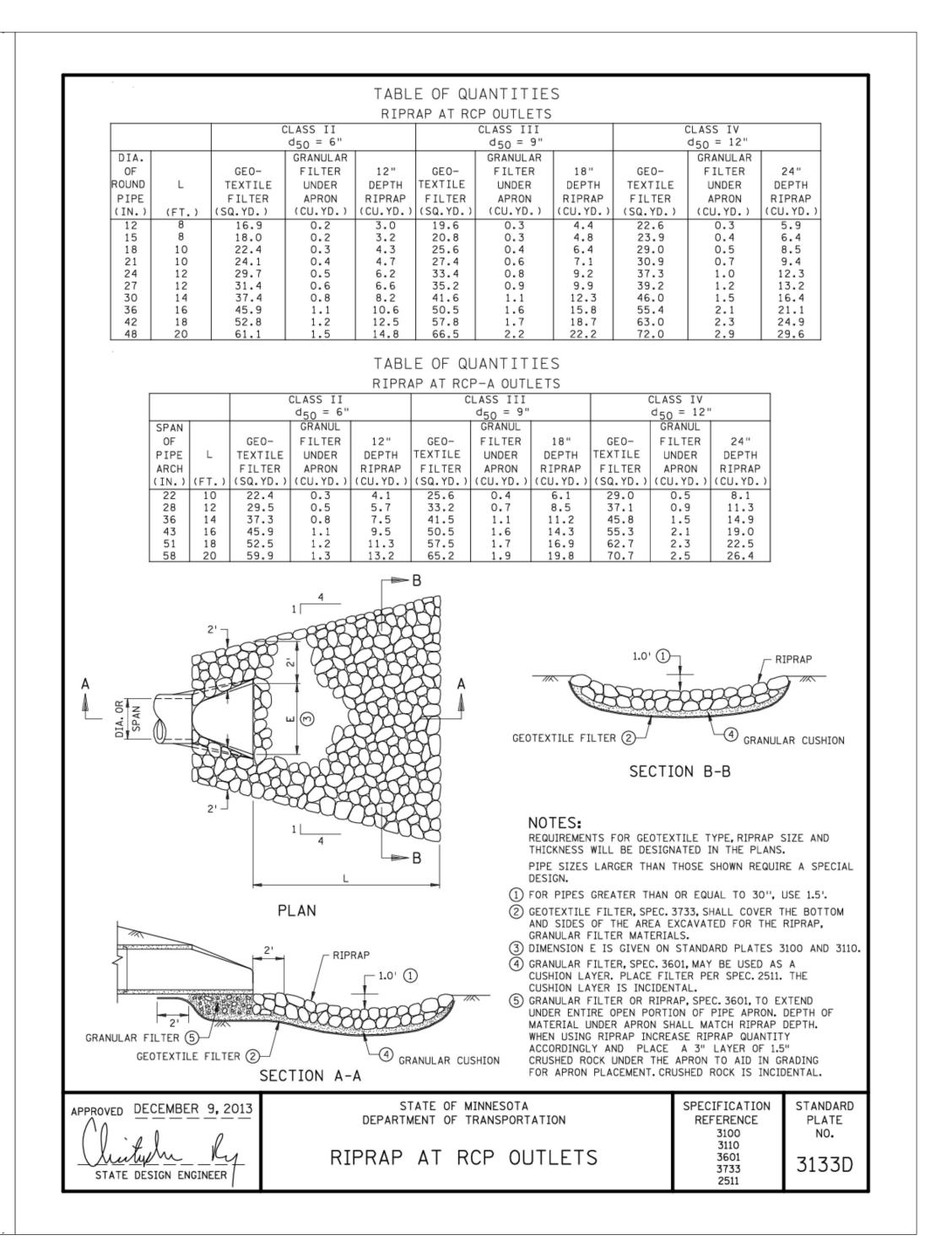
NOTICE!

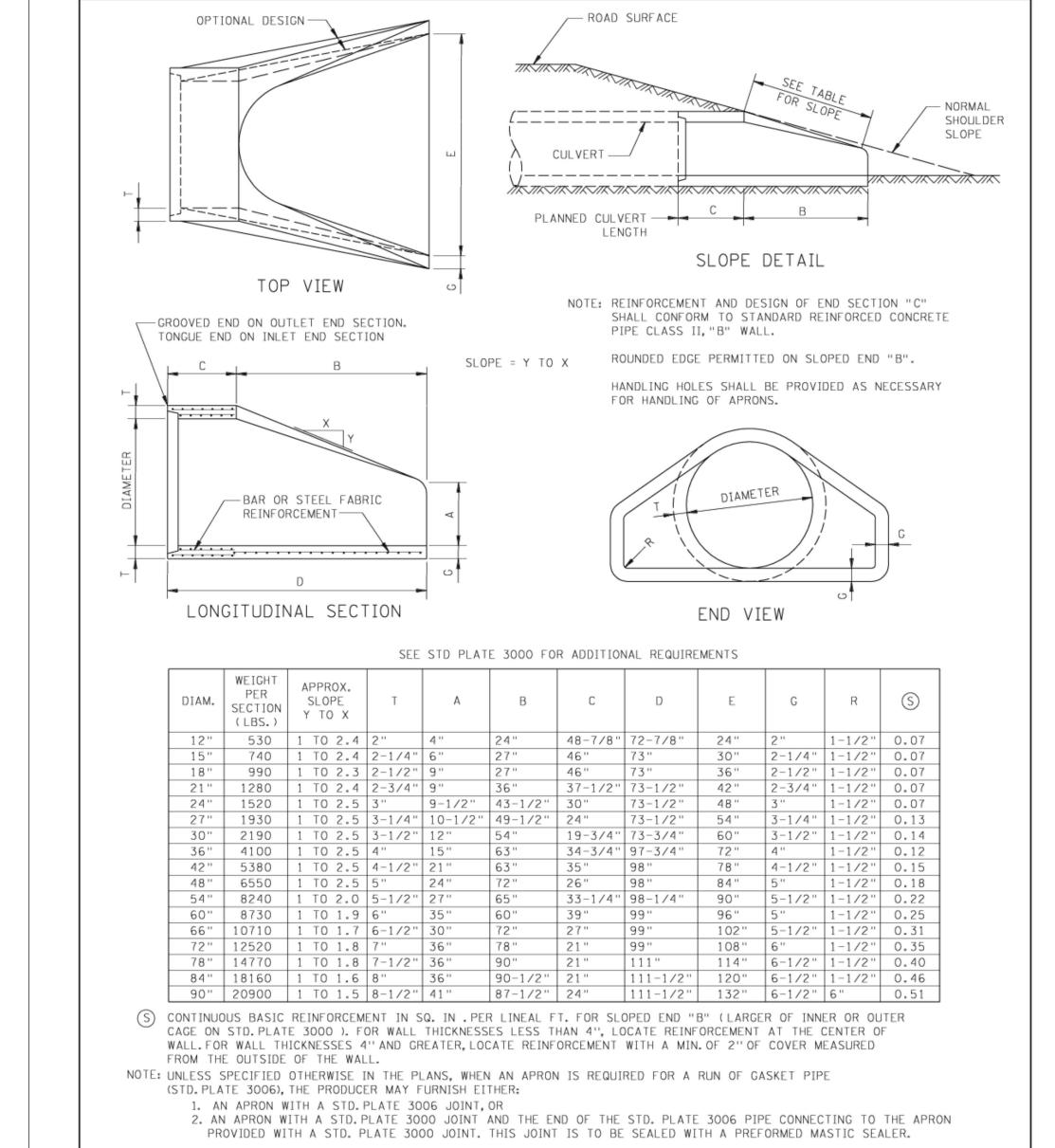






SHEET





STATE OF MINNESOTA

DEPARTMENT OF TRANSPORTATION

CONCRETE APRON FOR

REINFORCED CONCRETE PIPE

Technical Services

© 2023 Overland Engineering, LLC.

SPECIFICATION

REFERENCE

2501, 2503

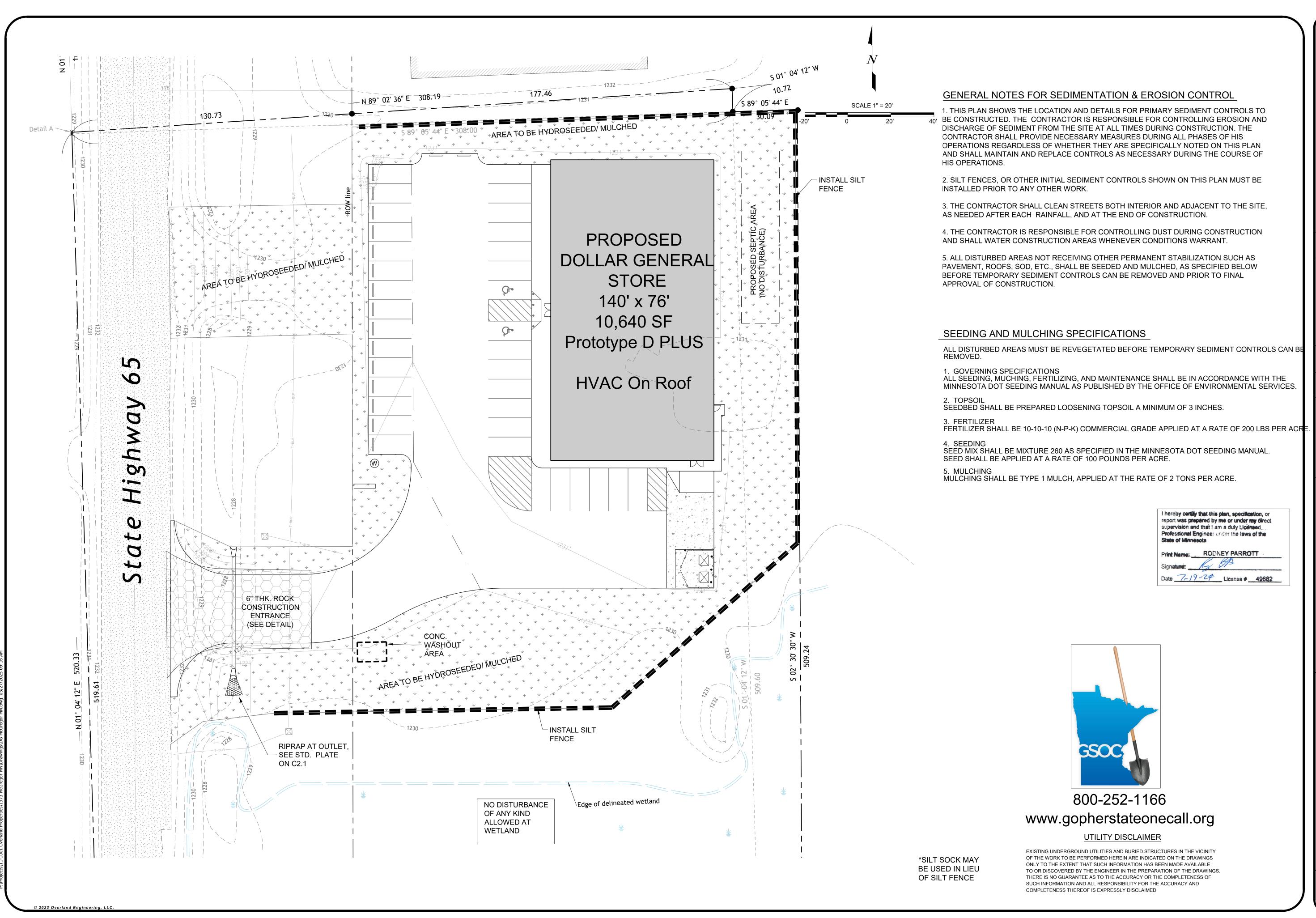
REVISED

0-16-2000 A.K.J

STANDARD

PLATE NO.

3100G



DOLLAR GENER

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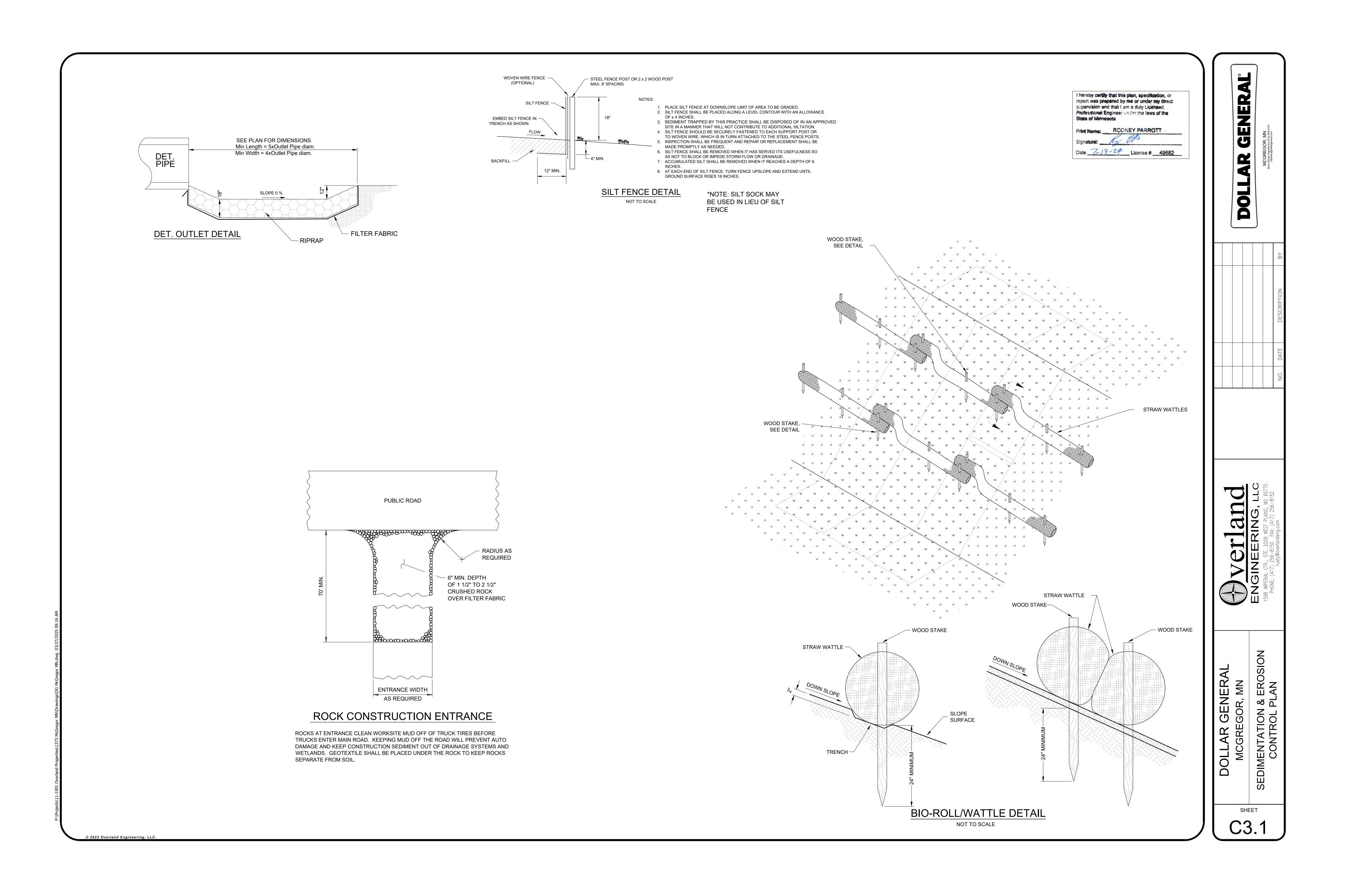
SINEERING, LLC

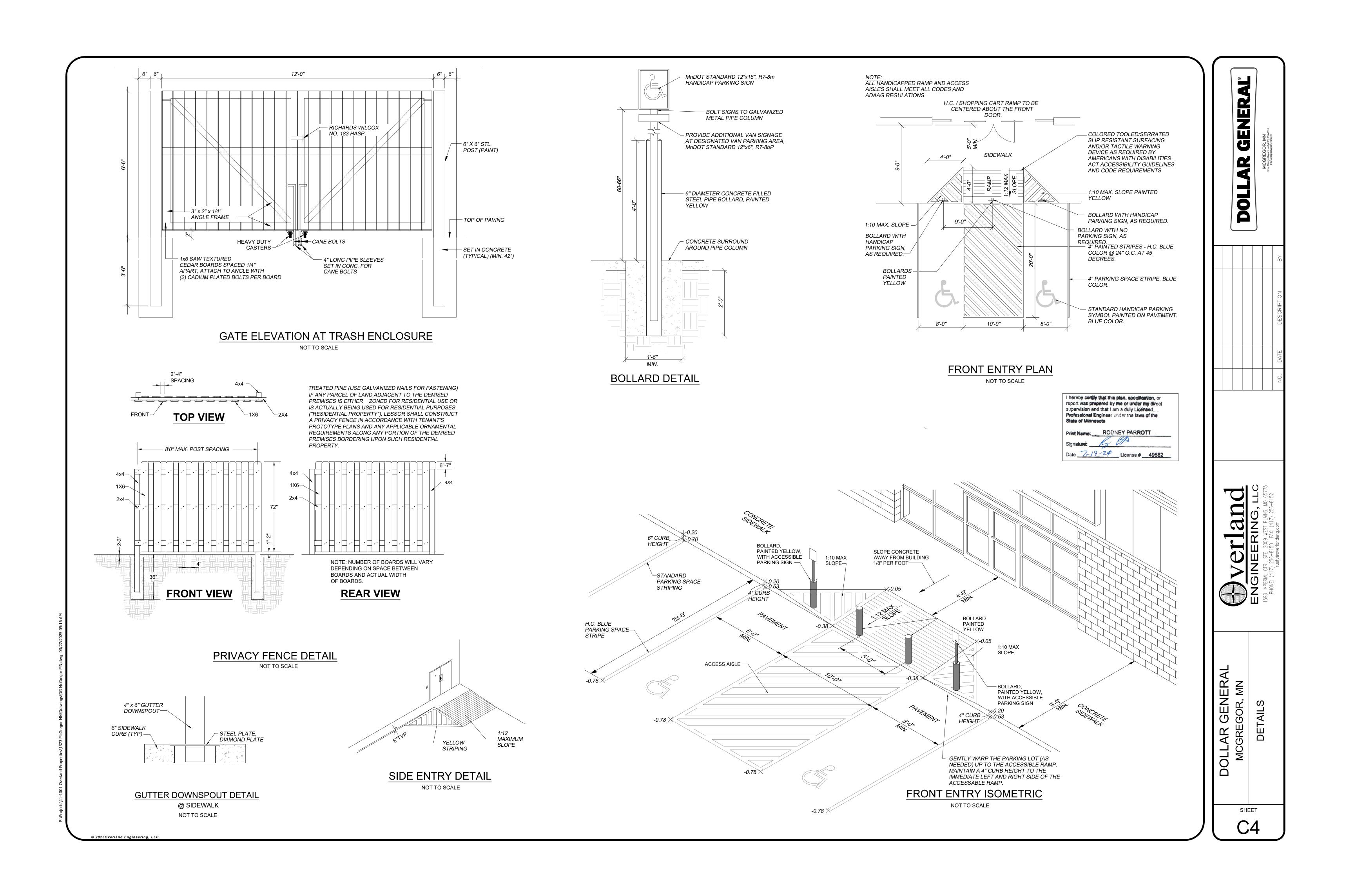
STAL CTR., STE. 2009 WEST PLANS, MO 65775

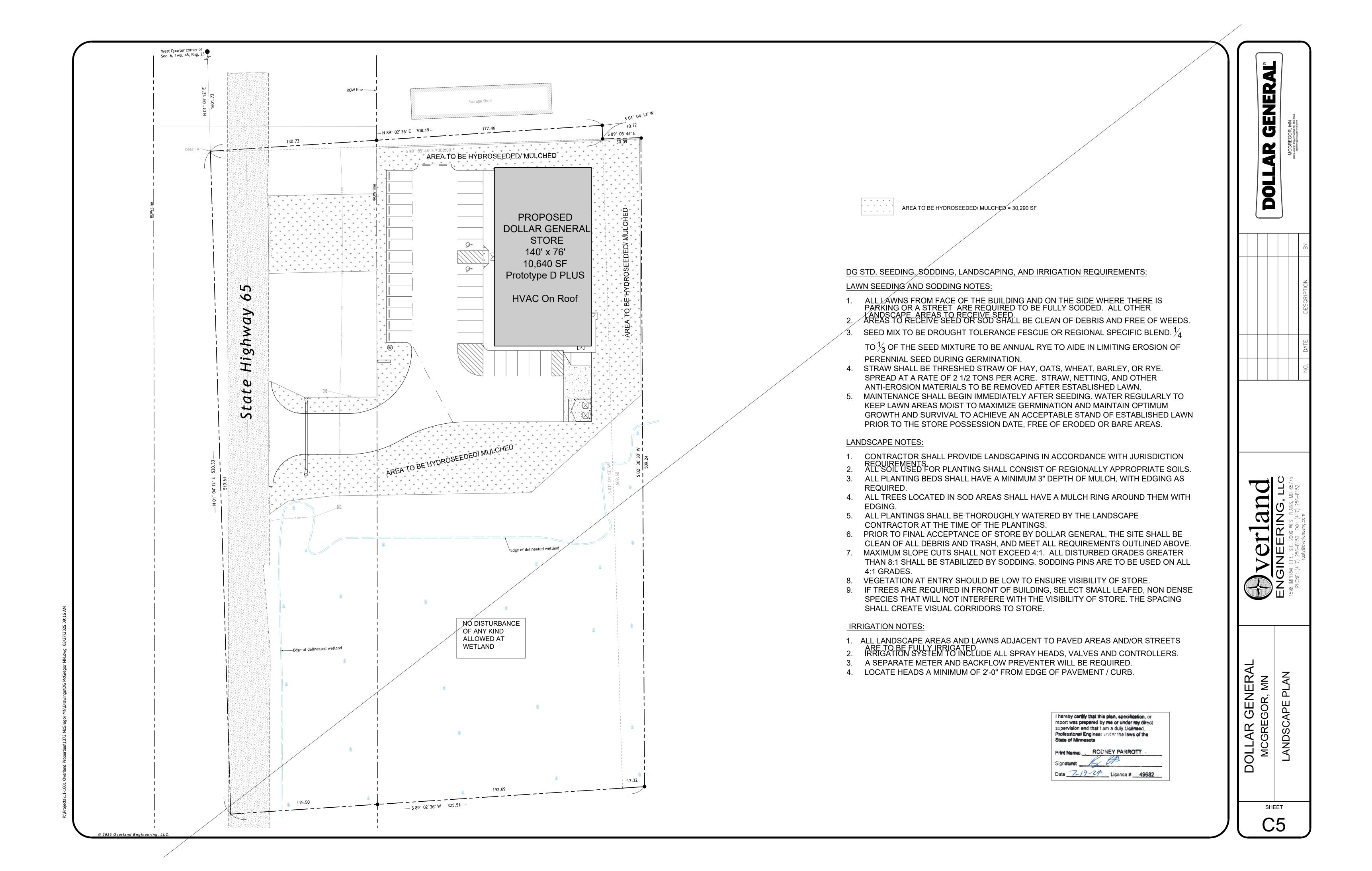
MCGREGOR, MN
SEDIMENTATION & EROSION
CONTROL PLAN

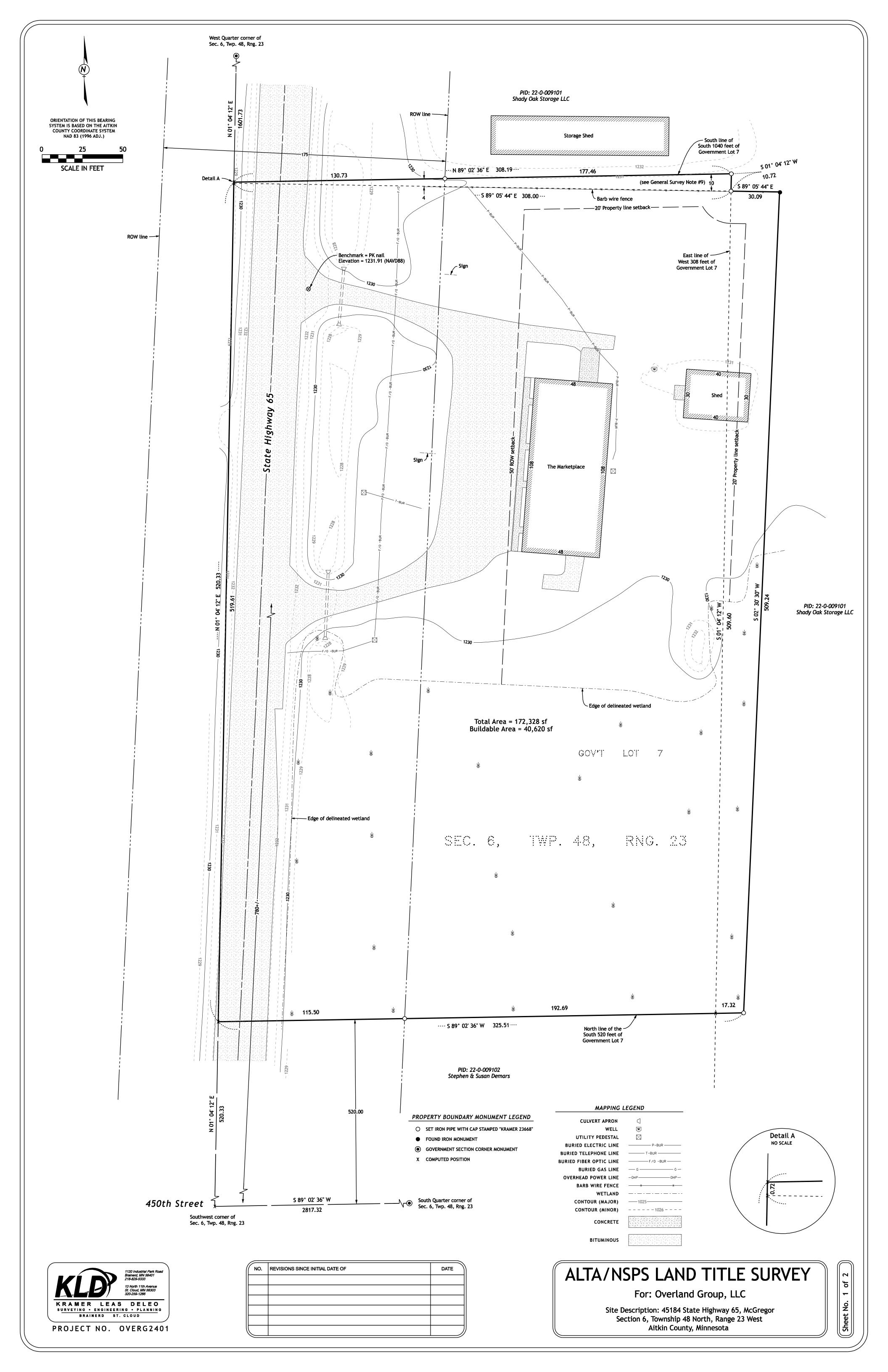
SHEET

C:









Legal Desc.

Parcel 1:

The North 520 feet of the West 308 feet of the South 1040 feet of Government Lot 7, Section 6, Township 48, Range 23. Aitkin County, Minnesota
Abstract Property

Parcel 2:

Commencing at the Southwest corner of the Southwest Quarter of Section 6, Township 48 North, Range 23 West, Aitkin County, Minnesota; thence North 01 degree 11 minutes 30 seconds East, assumed bearing along the West line of said Southwest Quarter 520.10 feet to the intersection of said West line and a line parallel with and 520.00 feet North of the South line of said Southwest Quarter, the Point of Beginning of the land to be described; thence continuing along the West line of said Southwest Quarter North 01 degree 11 minutes 30 seconds East, 519.61 feet; thence South 88 degrees 58 minutes 26 seconds East, 338.09 feet; thence South 02 degrees 37 minutes 48 seconds West, to a point on said parallel line; thence North 89 degrees 54 minutes 53 seconds West, 325.23 feet along said parallel line to the Point of Beginning and there terminating.

Aitkin County, Minnesota Abstract Property

Zoning Info

The subject premises is currently located in a Farm Residential, Zoning District. The standards for this district per Aitkin County Zoning Ordinances are:

Maximum lot coverage= 35%

Right-of-Way Setback= 50 feet

Side Yard Setback= 20 feet

*Additional Setbacks made apply due to fire code

Refer to the official zoning code for other restrictions and requirements relative to the subject premises. A zoning letter was not provided to the Surveyor as part of this survey. The above listed information represents the Surveyor's interpretation of the zoning requirements as found on Aitkin County's Web Site. It should not be considered a conclusive list of zoning and design standards. It is recommended that verification of these standards be made prior to the construction of any improvements to the premises.

OPTIONAL TABLE A ITEMS

- 1. Monuments, both placed and found, marking the boundary of the premises property are shown hereon. Refer to the Property Boundary Monument Legend in the graphics portion of this survey.
- 2. The address of the premises property is 45184 State Highway 65, McGregor. Aitkin County PID 22-0-009103.
- 3. The subject premises is located within Zone C, (not located within a Special Flood Hazard Area) per Flood Insurance Rate Map No. 2706280195B with an Effective Date of 03-15-1982.
- 4. The area of the premises property is 3.95 acres or 172,328 square feet, more or less.
- 5. The ground contours plotted hereon are from field surveys for topographic mapping that were conducted as part of this survey to depict the existing topographic conditions.
 - Benchmark: NGS Control Station "MCAIR" Elevation = 1226.43 feet (NAVD 88)
 - Site Benchmark: PK nail in bituminous

Elevation = 1231.91 feet (NAVD 88)

- A zoning report or letter was not provided to the surveyor as part of this survey. Refer to the zoning section of this survey for the surveyor's interpretation of the zoning requirements as found on Aitkin County's website. The Surveyor makes no warranty as to the correctness of the zoning information shown hereon. All zoning requirements must be verified by the user.
- A zoning report or letter was not provided to the surveyor as part of this survey. The setback requirements graphically plotted hereon are the surveyor's interpretation of the zoning requirements as found on Aitkin County's website. The Surveyor makes no warranty as to the correctness of the zoning information shown hereon. All zoning requirements must be verified by the user.
- 7a. Exterior dimensions of all buildings at ground level are plotted hereon.
- 8. Substantial features observed in the process of conducting the fieldwork are plotted hereon.
- 9. As of the date of this survey the premises property contains a total of 0 striped parking spaces.
- 10. There were no party walls with respect to adjoining properties on the premises observed at the time of the fieldwork for this survey.
- 11b. The underground utilities plotted have been located from markings made as part of Gopher State One Call Locate Request Ticket No. 241790843, related utility mappings as provided, and observed evidence as surveyed. The surveyor makes no guarantee that the underground utilities plotted comprise all such utilities in the area, either in service or abandoned. The surveyor further does not warrant that the underground utilities plotted are in the exact location indicated although he does certify that they are located as accurately as possible from information provided as part of the request for markings and data related thereto. The surveyor has not physically located the underground utilities. Contact Gopher State One Call prior to any excavations in the vicinity.
- 13. The names of adjoining owners according to current tax records are plotted hereon.
- 14. The distance to the nearest intersecting street was not specified by the client; therefore, the surveyor has determined the nearest intersecting street, and has plotted it hereon.
- There were no reported changes in street right of way lines. There was no evidence of recent street or sidewalk construction or repairs observed in the process of conducting the field work.
- 8. The plottable offsite easements or servitudes disclosed in documents provided to or obtained by the surveyor are plotted hereon.



NO.	REVISIONS SINCE INITIAL DATE OF	DATE

GENERAL SURVEY NOTES

- The property described hereon is the same as the property described in Chicago Title Insurance Company's Commitment for Title insurance (Commitment File No. CP73262) with an effective date of February 7, 2024. All easements in said title commitment, or apparent from a physical inspection of the site, or otherwise known to me, have been plotted hereon or otherwise noted as to their effect on the subject property. Refer to said Commitment for reference to all covenants and restrictions pertinent to the subject property.
- 2. This survey was made in accordance with laws and/or Minimum Standards of the State of Minnesota.
- The Basis of Bearings for this survey is assumed as described under the north arrow hereon.
- The premises property has direct access to State Highway 65 via the existing driveway access openings as plotted hereon.
- There was no observed evidence of any cemeteries or burial grounds.
- 6. There was no observed evidence of any water features on or within 5 feet of the premises boundary.
- 7. The premises property is subject to easements, agreements, mortgages, restrictions, and other terms and conditions of record. Refer to the above referenced Commitment for Title Insurance for a complete listing of these items as were of record at the time of said policy. The surveyor makes no guarantees that additional encumbrances have been made against the premises property.
- 8. Current record descriptions of the properties adjoining the premises property were not provided to the Surveyor. The Surveyor makes no warranty as to gaps or overlaps pertaining to the said adjoining properties.
- 9. Possible barb wire fence encroachment is caused by the position of the South Quarter corner of Section 6. Previous survey work completed in Section 6 used a calculated position for the South Quarter corner of Section 6, this calculated position was not an appropriate method to establish this corner, and was incorrect by a distance of 63 feet.

Exceptions:

ems 1-9,	Are not survey related items, do not provide specific data to a surveyable matter, or do not affect the premises property.
em 10	Terms and conditions of Conditional Use Proceedings in the matter of Conditional Use #17516 C, for conditional use permit dated July 20, 1992, filed July 28, 1992, as Document No. 273497. <i>For a Conditional Use Permit to operate a pawn shop.</i>
em 11	Subject to possible life estate of Jean D. Brown as reserved in Quit Claim Deed dated June 5, 1997, filed June 19, 1997, as Document No. 303048 (As it may affect Parcel 2) <i>Not plottable</i>
em 12	Terms and conditions of easement across all driveways and roadways as evidenced in Quit Claim Deed dated June 5, 1997 filed June 19, 1997, as Document No. 303048. (As it may affect Parcel 2) <i>Not plottable</i>
em 13	Subject to possible dirt drive/ access way along the Westerly boundary of the subject property adjoining with the property directly South as evidenced on available maps, without the benefit of recorded agreement. (As it may affect Parcel 1) Not plottable

Encroachments:

A. Barb wire fence encroachment on the north property line.

SURVEYOR'S CERTIFICATE

To The Overland Group, LLC, and Chicago Title Insurance Company:

This is to certify that this map or plat and the survey on which it is based were made in accordance with the 2021 Minimum Standard Detail Requirements for ALTA/NSPS Land Title Surveys, jointly established and adopted by ALTA and NSPS, and includes Items 1, 2, 3, 4, 5, 6a, 6b, 7a, 8, 9, 10, 11b, 13, 14, 17, and 18 of Table

The fieldwork was completed on July 8, 2024.

Date of Map: July 17, 2024

James Kramer, PLS
Minnesota License No. 23668

ALTA/NSPS LAND TITLE SURVEY

For: Overland Group, LLC

Site Description: 45184 State Highway 65, McGregor Section 6, Township 48 North, Range 23 West Aitkin County, Minnesota



Conditional Use Permit (general) App. # 2025-000142, UID # 213496 App. Status: Pending Review Aitkin County Planning & Zoning / Environmental Services 307 Second St. NW Room 219, Aitkin, MN 56431

Email: aitkinpz@aitkincountymn.gov

Phone: 218-927-7342 Fax: 218-927-4372

Contact Information

Are you the property owner?	<u>Yes</u>
Applicant Contact Info:	Name: Joe W Emery Phone: (218) 839 - 3965 Email Address: joe@emeryincmn.com Mailing Address: 39995 355th St Aitkin MN 56431
Have you had a pre- application meeting with the Planning & Zoning Department?	<u>No</u>

Project Location

	Property	Property Location					Legal Description			Property Attributes	
	Parcel Number	Property Address	_	Owner Name(s)	Taxpayer Name(s)	Legal Description	Plat Name	Section- Township- Range	Lake Class		
roperty:	31-0- 059102	39995 355TH ST AITKIN MN 56431	SPENCER TWP	EMERY INVESTMENTS, LLC	EMERY INVESTMENTS, LLC	W 565 FT OF LOT 3 LYING N & E OF HWY 47		S:30 T:47 R:26			
riving directions from itkin to Property:	From the s	top lights g	o 1 mile eas	t on 210 to CR 12 (go south 3/4 of a m	nile to 355th st p	roperty	is the first on	the righ	t	

Brief Narrative

Brief Narrative:	Requesting a Conditional Use Permit for Retail sales of Landscape Materials, i.e. mulch, rock, and aggregate products.
Provide a detailed explanation on why and how this proposal is meeting the Comprehensive Land Use Plan for Aitkin County.:	We are expanding our current business to offer retail landscape and aggregate supplies all produced in Aitkin County. Our mulch will come from savannah pallets Aitkin County. Our aggregate products come from Aitkin County Gravel suppliers. We also sell firewood both cut and split also 8' lengths all from Aitkin County Land Dept Timber auctions. I feel this will help both my business and Aitkin County as these are all local products.
How will this proposal be compatible with existing land uses?	Property was the former Stevo's Dock and Lift. They have expanded their business and moved to a larger location in Aitkin County. This has been a retail location for 10 plus years and we would like to continue that.
Is this proposal meeting the Findings of Fact?	<u>Yes</u>

Detailed Operational Plan

Detailed Operational Plan:	We will continue to operate our excavation business, but would like to be open Friday 12-5 and Saturday 8-12 to offer retail products to Aitkin County Residents
----------------------------	--

A Scaled Drawing

Attach Scaled Drawing:	File 1: UScan_35.pdf	

Septic Compliance

Is there an existing septic system on the property?	<u>Yes</u>
If you answered Yes, please attach one of the following: - A current compliance inspection on the existing septic system A design for a new/replacement septic system.	File 1: — septic_compliance.aspx.pdf

Property Deed

Please attach the property deed(s):	File 1: 4 31-0-059102_EMERY_DEED.pdf
-------------------------------------	--------------------------------------

Terms

Conditional Use Terms & Conditions

The landowner or authorized agent hereby certifies that to the best of their knowledge the application and supporting documents are a factual representation of the proposed project. The landowner or authorized agent agrees that, in making application, the landowner grants permission to Aitkin County, at reasonable times, to enter the property to determine compliance of the application with applicable Local, County or State Ordinances or Statutes. It is the applicant's responsibility to contact other Local, County or State agencies to ensure the applicant has complied with all relevant Local, County or State Ordinances or Statutes.

Submittal of the above materials does not always constitute a complete application. Other information may be necessary to complete the application based on the type of request and onsite inspection.

The landowner or authorized agent may make application for a Conditional Use permit agreeing to do such work in accordance with all Aitkin County Ordinances. The landowner or authorized agent agrees that the application, site plan, and all other attachments submitted herewith are true and accurate and shall become a part of the permit. The landowner or authorized agent agrees that, in making application for a Conditional Use permit, the landowner grants permission to Aitkin County, at reasonable times, to enter the property to determine compliance of the application with applicable Local, County or State Ordinances or Statutes. It is the applicants sole responsibility to contact other Local, County or State agencies to ensure the applicant has complied with all relevant Local, County or State Ordinances or Statutes.

All corners of the proposed structure(s) need to be staked with visible flags, ribbon, or lathes prior to onsite inspection by Aitkin County.

Conditional Use Permit fees are non-refundable if denied or approved.

I acknowledge that by submitting this application, the application and its attachments are public information.

Invoice #62567 (04/02/2025) Expected Payment Method: Pay Online - Card or ECheck

Charge	Cost	Quantity	Total
Conditional Use Application Fee added 04/01/2025 4:46 PM \$650 Flat Fee	\$650.00	x 1	\$650.00
Recording Fee added 04/01/2025 4:46 PM \$46 Flat Fee	\$46.00	x 1	\$46.00
Grand Total			
Total			\$696.00
Payment 04/02/2025			\$696.00
Due			\$0.00

Conditions of Permit

None

Approvals

Approval	Signature
Applicant	Joe W. Emery - 04/02/2025 8:51 AM
	4ad8d333ae464b550fc1303fae561a40
	c22d603b53158919f791062fef23cac3
#1 Admin	Shannon Wiebusch - 04/07/2025 10:16 AM
	9e7252410b839cb9ed4b75a4d096373d
	26c844cae20fc5f3a147fceca30f0335
#2 Planning Commission	

Public Notes

Text:	To be heard at May 19 Planning Commission meeting.	
File(s):		
	L	

Print View

CRV Filed
No Delinquent Taxes and Transfer Entered
Kathleen Ryan, County Auditor
State Deed Tax Paid
Lori Grams, County Treasurer

Doc No: A486324

Certified Filed and/or Recorded on 3/12/2025 8:50 AM

Office of the County Recorder Aitkin County, Minnesota Tara Snyder, County Recorder

Package: 95913 Mary

WAD 3/4

REC FEE

SDT

\$46.00 \$1650.00

eCRV#

1740867

WC RCVD \$50.00

This cover sheet was added by the Aitkin County Recorder's Office to allow space for the recording information of this document. It is not intended to alter the document/certified copy.

(Top 3 inches reserved for recording data) WARRANTY DEED Minnesota Uniform Conveyancing Blanks Form 10.1.3 (2018) Individual(s) to Business Entity e-CRV No.: 1740867 March 11, 2025 **DEED TAX DUE: \$1,650.00** DATE: FOR VALUABLE CONSIDERATION, Stephen M. May, a single person ("Grantor"), hereby convey(s) and warrant(s) to Emery Investments, LLC ("Grantee"), a limited liability company under the laws of Minnesota real property in Aitkin County, Minnesota, legally described as follows: → The West 565 feet of Government Lot Three (3) of Section Thirty (30), Township Forty-seven (47), Range Twenty-six (26), which lies North and East of State Highway No. 47 as said highway is now constructed. -> Grantor hereby reserves unto themselves, their heirs and assigns an easement for ingress and egress over and across the North Thirty-three (33) feet thereof. Aitkin County, Minnesota (ABSTRACT) Check here if all or part of the described real property is Registered (Torrens) together with all hereditaments and appurtenances belonging thereto, subject to the following exceptions:

reservations, restrictions and easements of record, if any.

Check applicable box:	Grantor
☐ The Seller certifies that the Seller does not know of any wells on the described real property.	
A well disclosure certificate accompanies this document or has been electronically filed. (If electronically filed, insert WDC number:).	Stephen M. May
☐ I am familiar with the property described in this instrument and I certify that the status and number of wells on the described real property have not changed since the last previously filed well disclosure certificate.	
State of Minnesota, County of Aitkin	
This instrument was acknowledged before me on Ma	arch <u>// </u>

(Stamp)

KATIE D CLINE
Notary Public
State of Minnesota
My commission expires
1/31/2030

by Stephen M. May, a single person.

(signature of notarial officer)
Title (and Rank): Notary

My commission expires:

THIS INSTRUMENT WAS DRAFTED BY:

Aitkin County Abstract Company 112 3rd Street NW Aitkin, MN 56431 File No. 25-1023

TAX STATEMENTS FOR THE REAL PROPERTY DESCRIBED IN THIS INSTRUMENT SHOULD BE SENT TO:

Emery Investments, LLC 39995 355th Street Aitkin, MN 56431

1 mora Property live 505 existing cold storage 50' Parking 70" Main Pice 40 (0) 30 40 Septic mound



Septic System Compliance Inspection – Existing System

Date:

03/03/2025

Property Owner:

MAY, STEPHEN

Ordered By:

MAY, STEPHEN

Address:

39995 355th Street Aitkin, MN 56431

Property ID:

31-0-059102

Inspector: Tim Woodrow

A compliance inspection was performed at the above location. Previous evaluations that were part of the original design process and county verification of soils were used to determine the level of seasonal saturated soil. The Soil Treatment Area (Drain field) was also inspected to ensure there was no ponding or leaking. The septic tank was pumped and inspected. This onsite system was found to be **Compliant.**

Impact On Public Health:

System is Compliant

Tank Integrity:

Tank(s) are compliant

Other Compliance Conditions:

None

Soil Separation

Soils are compliant

Operating Permit and Nitrogen BMP

NA

I have included a copy of the compliance documents for your record. I have also sent a copy to Aitkin County for their records. If you have any questions, please do not hesitate to give us a call.

Thanks!

Tim Woodrow Mood

Owner

218-927-6175

218-927-6175

1037 1st St. NW Aitkin, MN 56431

WWW.TIMBERLAKESSEPTIC.COM



DISCLAIMER:

The septic system inspection conducted for this property meets MPCA requirements for existing systems.

We recommend this system to be serviced and evaluated at least every 36 months by a septic professional.

Any additions to the home or increased use of the home may require an increase in system capacity.

- Compliance Requirements evaluated as part of this inspection include the verification that the system tanks do
 not leak below the designed operating depth, the required separation between the bottom of the subsurface
 distribution medium and the seasonally saturated soils if applicable, no discharge of septage/effluent to the
 ground surface or surface water and no imminent safety hazards exist. Timber Lakes Septic Inc does not inspect
 interior pumps, plumbing, or associated components.
- 2. Certification of this system does not warranty future use beyond the date of inspection. Any system, new or old, can be hydraulically overloaded and discharge to ground surface as a result of increase use(more people in house, faulty plumbing fixtures, change in habits, groundwater infiltration etc), improper maintenance, tree roots, freezing conditions, surface drainage problems, etc. The system can also stop working simply due to its age. The life expectancy of a system is variable and dependent upon the items previously listed. Proper maintenance and water conservation will help contribute to a longer system life.
- 3. A compliance inspection is not meant to be a test or inspection of longevity of the system. A compliance inspection is for the purpose of verifying if the system is protective of public health and safety as well as protecting the ground water at the date and time the inspection was performed. This inspection is not intended to determine if the system was originally designed or installed to past or present MPCA/Local Government Unit Code requirements. This inspection is not intended to determine if the system was designed and/or installed to support the anticipated flow from buildings as the use of the buildings may have changed since the original design was completed. These changes may include additional bedrooms, occupants, increased use, etc. In addition, this inspection is not intended to determine the quality of the original system design, quality of the construction practices during installation, or quality of materials used.
- 4. Timber Lakes Septic Inc. has not been retained to warranty, guarantee, or certify the proper functioning of the ISTS system for any period of time beyond the date of inspection or into the future. There are numerous factors which may affect the proper operation of a ISTS System and the inability of Timber Lakes Septic to supervise or monitor the use or maintenance of the ISTS System, the Compliance Report shall not be construed as a warranty or guarantee of future system performance.
- 5. By accepting this report, the client understands that Timber Lakes Septic will not be responsible for any monetary damages exceeding the fee for services provided.
- 6. This Report is prepared for the person or rep of the person providing payment for the fees charged.



520 Lafayette Road North St. Paul, MN 55155-4194

Compliance inspection report form

Existing Subsurface Sewage Treatment System (SSTS)

Doc Type: Compliance and Enforcement

Instructions: Inspector must submit completed form to Local Governmental Unit (LGU) and system owner within 15 days of final determination of compliance or noncompliance. Instructions for filling out this form are located on the Minnesota Pollution Control Agency (MPCA) website at https://www.pca.state.mn.us/sites/default/files/wg-wwists4-31a.pdf.

Property information	Local tracking number:
Parcel ID# or Sec/Twp/Range: 31-0-059102	Reason for Inspection Transfer
Local regulatory authority info: Aitkin County	
Property address: 39995 355th Street Aitkin, MN 56431	
Owner/representative: Stephen May	Owner's phone: 218-839-1628
Brief system description: 1350 Septic/610 Lift to Mound w/10 x	25 rock bed, has filter
System status	
System status on date (mm/dd/yyyy): 3/3/2025	☐ Noncompliant – Notice of noncompliance
☑ Compliant – Certificate of compliance*	
(Valid for 3 years from report date unless evidence of an imminent threat to public health or safety requiring removal and	Systems failing to protect ground water must be upgraded, replaced, use discontinued within the time required by local ordinance.
abatement under section 145A.04, subdivision 8 is discovered or a shorter time frame exists in Local Ordinance.) *Note: Compliance indicates conformance with Minn.	An imminent threat to public health and safety (ITPHS) must be upgraded, replaced, or its use discontinued within ten months of recoff this notice or within a shorter period if required by local ordinance
R. 7080.1500 as of system status date above and does not guarantee future performance.	under section 145A.04 subdivision 8.
Reason(s) for noncompliance (check all application	ble)
☐ Impact on public health (Compliance component #1) – Imminent threat to public health and safety
☐ Tank integrity (Compliance component #2) – Failing	
☐ Other Compliance Conditions (Compliance compor	ent #3) – Imminent threat to public health and safety
☐ Other Compliance Conditions (Compliance compor	nent #3) – Failing to protect groundwater
	.2500 (Compliance component #3) - Failing to protect groundwate
☐ Soil separation (Compliance component #5) – Failii	
	mpliance component #4) – Noncompliant - local ordinance applies
Comments or recommendations	
Comments of recommendations	
Certification	
	It is the same the same that a state of this quadrate Ala data main ation of
I hereby certify that all the necessary information has been gathered future system performance has been nor can be made due to unknown inadequate maintenance, or future water usage.	d to determine the compliance status of this system. No determination of own conditions during system construction, possible abuse of the system
	e and correct, to the best of my knowledge, and that this information car
Business name: Timber Lakes Septic Service	Certification number: C7644
Inspector signature: Tim Woodrow	License number: L455
(This document has been electronically si	gned) Phone: 218-927-6
Necessary or locally required supporting de	ocumentation (must be attached)
•	
☑ Soil observation logs☐ System/As-Built☐ Locally☐ Other information (list):	required forms ☐ Tank Integrity Assessment ☐ Operating Pe

ness Name:Timber Lakes Septic Service	е		Date: <u>3/3/2025</u>
npact on public health – Co	ompliance comp	oonent #1 of 5	
Compliance criteria:	, , , , , , , , , , , , , , , , , , ,	Attached supporting do	ocumentation:
System discharges sewage to the ground surface	☐ Yes* ⊠ No	☐ Other: ☐ Not applicable	
System discharges sewage to drain tile or surface waters.	☐ Yes* ⊠ No	.,	
System causes sewage backup into dwelling or establishment.	☐ Yes* ⊠ No		
Any "yes" answer above indicates imminent threat to public health an	the system is an and safety.		
Describe verification methods and	results:		
ank intogrity – Compliance	.component #2	of 5	
ank integrity – Compliance	component #2		ocumentation:
Tank integrity — Compliance Compliance criteria: System consists of a seepage pit,	component #2	of 5 Attached supporting d □ Empty tank(s) viewed b	
Compliance criteria: System consists of a seepage pit, cesspool, drywell, leaching pit,		Attached supporting d	y inspector
Compliance criteria: System consists of a seepage pit, cesspool, drywell, leaching pit, or other pit?		Attached supporting d ☐ Empty tank(s) viewed b	y inspector pusiness:
Compliance criteria: System consists of a seepage pit, cesspool, drywell, leaching pit,	☐ Yes* ⊠ No	Attached supporting d ☐ Empty tank(s) viewed b Name of maintenance b	y inspector pusiness:
Compliance criteria: System consists of a seepage pit, cesspool, drywell, leaching pit, or other pit? Sewage tank(s) leak below their	☐ Yes* ⊠ No	Attached supporting d Empty tank(s) viewed b Name of maintenance b License number of main	y inspector pusiness: ntenance business:
Compliance criteria: System consists of a seepage pit, cesspool, drywell, leaching pit, or other pit? Sewage tank(s) leak below their	☐ Yes* ⊠ No	Attached supporting d Empty tank(s) viewed b Name of maintenance b License number of main Date of maintenance:	y inspector pusiness: ntenance business:
Compliance criteria: System consists of a seepage pit, cesspool, drywell, leaching pit, or other pit? Sewage tank(s) leak below their designed operating depth? If yes, which sewage tank(s) leaks: Any "yes" answer above indicates.	☐ Yes* ☒ No ☐ Yes* ☒ No ☐ Yes* ☒ No	Attached supporting d Empty tank(s) viewed b Name of maintenance b License number of main Date of maintenance: Existing tank integrity a Date of maintenance (mm/dd/yyyy):	sy inspector pusiness: Intenance business: Inten
Compliance criteria: System consists of a seepage pit, cesspool, drywell, leaching pit, or other pit? Sewage tank(s) leak below their designed operating depth? If yes, which sewage tank(s) leaks:	☐ Yes* ☒ No ☐ Yes* ☒ No ☐ Yes* ☒ No	Attached supporting d Empty tank(s) viewed b Name of maintenance b License number of main Date of maintenance: Existing tank integrity a Date of maintenance (mm/dd/yyyy): (See form instructions to Minn. R. 7082.0700 sub	sy inspector pusiness: Intenance business: Inten

Pr	roperty Address: 39995 355th Street Aitkin, MN 56431	
Вι	Susiness Name:Timber Lakes Septic Service	Date: 3/3/2025
3.	Other compliance conditions – Compliance component #3 of 5	
	3a. Maintenance hole covers appear to be structurally unsound (damaged, cracked, etc.), or unsec	cured?
	☐ Yes* ☑ No ☐ Unknown	
	3b. Other issues (electrical hazards, etc.) to immediately and adversely impact public health or safety	/? ☐ Yes* ☒ No ☐ Unknown
	*Yes to 3a or 3b - System is an imminent threat to public health and safety.	
	3c. System is non-protective of ground water for other conditions as determined by inspector?	☐ Yes* ☒ No
	3d. System not abandoned in accordance with Minn. R. 7080.2500?	□ Yes* ⊠ No
	*Yes to 3c or 3d - System is failing to protect groundwater. Describe verification methods and results:	
	Describe vernication metrious and results.	
	Attached supporting documentation: Not applicable	
4.	Attached supporting documentation: ☐ Not applicable ☐	f 5 ⊠ Not applicable
4.	. Operating permit and nitrogen BMP* – Compliance component #4 o	
<u>4.</u>	. Operating permit and nitrogen BMP* – Compliance component #4 o	If "yes", A below is required
<u>4.</u>	. Operating permit and nitrogen BMP* – Compliance component #4 of the system operated under an Operating Permit? ☐ Yes ☐ No Is the system required to employ a Nitrogen BMP specified in the system design? ☐ Yes ☐ No	If "yes", A below is required
<u>4.</u>	BMP = Best Management Practice(s) specified in the system design	If "yes", A below is required If "yes", B below is required
<u>4.</u>	BMP = Best Management Practice(s) specified in the system design If the answer to both questions is "no", this section does not need to be completed.	If "yes", A below is required If "yes", B below is required
4.	. Operating permit and nitrogen BMP* — Compliance component #4 or Is the system operated under an Operating Permit? ☐ Yes ☐ No Is the system required to employ a Nitrogen BMP specified in the system design? ☐ Yes ☐ No BMP = Best Management Practice(s) specified in the system design If the answer to both questions is "no", this section does not need to be completed Compliance criteria:	If "yes", A below is required If "yes", B below is required
4.	BMP = Best Management Practice(s) specified in the system design If the answer to both questions is "no", this section does not need to be completed. Compliance criteria: a. Have the operating permit and nitrogen BMP* — Compliance component #4 of the system operation of the system design? ☐ Yes ☐ No ☐ No ☐ No ☐ No ☐ Yes	If "yes", A below is required If "yes", B below is required
<u>4.</u>	Is the system operated under an Operating Permit? Is the system required to employ a Nitrogen BMP specified in the system design? If the answer to both questions is "no", this section does not need to be completed. Compliance criteria: a. Have the operating permit requirements been met? Yes No	If "yes", A below is required If "yes", B below is required
4.	Is the system operated under an Operating Permit?	If "yes", A below is required If "yes", B below is required
4.	Is the system operated under an Operating Permit? Is the system required to employ a Nitrogen BMP specified in the system design? If the answer to both questions is "no", this section does not need to be completed. Compliance criteria: a. Have the operating permit requirements been met? Yes No	If "yes", A below is required If "yes", B below is required
<u>4.</u>	Is the system operated under an Operating Permit?	If "yes", A below is required If "yes", B below is required
4.	Is the system operated under an Operating Permit?	If "yes", A below is required If "yes", B below is required
<u>4.</u>	Is the system operated under an Operating Permit?	If "yes", A below is required If "yes", B below is required
4.	Is the system operated under an Operating Permit?	If "yes", A below is required If "yes", B below is required
4.	Is the system operated under an Operating Permit?	If "yes", A below is required If "yes", B below is required
4.	Is the system operated under an Operating Permit?	If "yes", A below is required If "yes", B below is required
4.	Is the system operated under an Operating Permit?	If "yes", A below is required If "yes", B below is required
4.	Is the system operated under an Operating Permit?	If "yes", A below is required If "yes", B below is required
4.	Is the system operated under an Operating Permit?	If "yes", A below is required If "yes", B below is required

siness Name: Timber Lakes Septic Service	N 56431	Date: <u>3</u>	/3/2025
Soil separation – Compliance com	nponent #5 o	f 5	
Date of installation 11/10/2009 (mm/dd/yyyy)	Unknown		
Shoreland/Wellhead protection/Food beverage lodging?	⊠ Yes □ No	Attached supporting documentation: Soil observation logs completed for the	e renort
		∑ Two previous verifications of required	
Compliance criteria (select one):		☐ Not applicable (No soil treatment area	
5a. For systems built prior to April 1, 1996, and not located in Shoreland or Wellhead Protection Area or not serving a food, beverage or lodging establishment:	☐ Yes ☐ No*		,
Drainfield has at least a two-foot vertical separation distance from periodically saturated soil or bedrock.			
5b.Non-performance systems built	⊠ Yes □ No*	Indicate depths or elevations	T
April 1, 1996, or later or for non- performance systems located in Shoreland		A. Bottom of distribution media	100
or Wellhead Protection Areas or serving a		B. Periodically saturated soil/bedrock	Below 97.0'
food, beverage, or lodging establishment:		C. System separation	>36"
Drainfield has a three-foot vertical separation distance from periodically		D. Required compliance separation*	31"
saturated soil or bedrock.*		*May be reduced up to 15 percent if allo Ordinance.	owed by Local
5c. "Experimental", "Other", or "Performance" systems built under pre-2008 Rules; Type IV or V systems built under 2008 Rules 7080. 2350 or 7080.2400 (Intermediate Inspector License required ≤ 2,500 gallons per day; Advanced Inspector License required > 2,500 gallons per day)	☐ Yes ☐ No*		
Drainfield meets the designed vertical separation distance from periodically saturated soil or bedrock.			

Describe verification methods and results:

Upgrade requirements: (Minn. Stat. § 115.55) An imminent threat to public health and safety (ITPHS) must be upgraded, replaced, or its use discontinued within ten months of receipt of this notice or within a shorter period if required by local ordinance. If the system is failing to protect ground water, the system must be upgraded, replaced, or its use discontinued within the time required by local ordinance. If an existing system is not failing as defined in law, and has at least two feet of design soil separation, then the system need not be upgraded, repaired, replaced, or its use discontinued, notwithstanding any local ordinance that is more strict. This provision does not apply to systems in shoreland areas, Wellhead Protection Areas, or those used in connection with food, beverage, and lodging establishments as defined in law.

MINNESOTA POLLUTION CONTROL AGENCY

Sewage tank integrity assessment form

520 Lafayette Road North St. Paul, MN 55155-4194

Subsurface Sewage Treatment Systems (SSTS) Program

Doc Type: Compliance and Enforcement

Purpose: This form may be used to certify the compliance status of the sewage tank components of the SSTS. This form is not a complete SSTS inspection report, only a tank integrity assessment, and may only certify sewage tank compliance status when entirely completed and signed by a qualified professional. SSTS compliance inspection report forms can be found at: https://www.pca.state.mn.us/water/inspections.

Instructions: This form may be completed, and signed, by a Designated Certified Individual (DCI) of a licensed SSTS inspection, maintenance, installation, or service provider business who personally conducts the necessary procedures to assess the compliance status of each sewage tank in the system. Only a licensed maintenance business is authorized to pump the tank for assessment. A copy of this information should be submitted to the system owner and be maintained by the licensed SSTS business for a period of five (5) years from the assessment date.

When this form is signed by a qualified certified professional, it becomes necessary supporting documentation to an Existing System Compliance Inspection Report: Compliance inspection form - Existing system (wq-wwists4-31b). This form can be found on the MPCA website at https://www.pca.state.mn.us/water/inspections.

The information and certified statement on this form is required when existing septic tank compliance status is determined by an individual other than the SSTS Inspector that submits an inspection report. This form represents a third party assessment of SSTS component compliance and is allowable under Minn. R. 7082.0700, subp. 4(B)(1). This form is valid for a period of three years beyond the signature date on this form unless a new evaluation is requested by the owner or owner's agent or is required according to local regulations. Additional Administrative Rule references for this activity can be found at Minn. R. 7082.0700, subp. 4(B),(C), and (D) and: Minn. R. 7083.0730(C).

Owner/Representative May, Stephen		
Property address: 39995 355th St, Aitkin, MN 56431		04.0.050400
Local Regulatory Authority: Aitkin County	Parcel ID:	31-0-059102
System status		
System status on date (mm/dd/yyyy): 2/28/2025		
⊠ Certificate of sewage tank compliance	☐ Notice of sewage to	ank non-compliance
Com	pliance criteria:	
The SSTS has a seepage pit, cesspool, drywell, leaching proundwater."	oit, or other pit - "Failure to Protect	☐ Yes* ⊠ No
The SSTS has a sewage tank that leaks below the designed Groundwater."	ed operating depth - "Failure to Protect	☐ Yes* ⊠ No
The SSTS presents a threat to public safety by reason of sor weak) maintenance hole cover(s) or lids or any other ur	structurally unsound (damaged, cracked, nsafe condition - " Imminent Threat to	☐ Yes* No
Public Health or Safety."		
Public Health or Safety."	indicates sewage tank non-complian	ce.
Public Health or Safety." Any "yes" answer above	indicates sewage tank non-complian	
Public Health or Safety." Any "yes" answer above to the company information	indicates sewage tank non-complian Designated Certified Individ	
Public Health or Safety." Any "yes" answer above to the same of t	indicates sewage tank non-complian	
Any "yes" answer above a Company information Company name: Timber Lakes Septic Service Inc Business license number: L455 I personally conducted the work described above as a Demaintenance, installation, or service provider Business. I pustatus of each sewage tank in this SSTS.	Designated Certified Individed Print name: Dave Poree Certification number: C10184 Signated Certified Individual of a Minnesotation of the necessary procedures of the necessary procedures.	dual (DCI) information licensed SSTS inspection, ures to assess the compliance
Any "yes" answer above a Company information Company name: Timber Lakes Septic Service Inc Business license number: L455 I personally conducted the work described above as a Demaintenance, installation, or service provider Business. I personally conducted the work described above as a Demaintenance installation, or service provider Business. I personally conducted the work described above as a Demaintenance installation.	Designated Certified Individed Print name: Dave Poree Certification number: C10184 Signated Certified Individual of a Minnesotation of the necessary procedulated the necessary procedu	dual (DCI) information licensed SSTS inspection, ures to assess the compliance

Page 1 of 1

INDIVIDUAL SEWAGE TREATMENT SYSTEM INSPECTION FORM OPH 352 AITKIN COUNTY, MINNESOTA Permit Number 37309 Date of Inspection //// DI Township Sizen Parcel Number 31-0-6 Project Address New DIST. or DROP BOX & TYPE SETBACKS: Buildings to tank(s) + 10 TRENCHES, BEDS, OR GRAVELLESS LEACHFIELD: Buildings to drainfield + 20 Trenck depth Well(s) 50' or 100' + 50 Trench length Lake/Creek/Wetland None Trench bottom width Trench bottom level Trench spacing SEPTIC TANKS: Drainfield rock below pipe Liquid capacity Size of gravelless pipe Manufacturer & type Type of baffle_ Depth of backfill Absorption area: square feet Inspection pipes Manholes access_ lineal feet No. & height of risers _ **PUMPS:** Tank capacity MOUNDS: Percent slope Tank manufacturer & type Upslope dike width No. & height of risers Downslope dike width Pump manufacturer & model # Horsepower & GPM Mal 18 4 pm Sideslope dike width Feet of head 10FT Drainfield rock below pipe Depth of sand below rock_\notine_" Cycles per day Perforation size & spacing 1/4 Gallons per cycle Pipe size & spacing 4 inch Size of discharge line Dimensions of rock bed 10+25 Type of electrical hookup _ Dimensions of sand base Type & location of alarm Final cover _____ Cycle counter (commercial) Well? well isotellal ancets set becks DRAWING OF SYSTEM (Include Soils) 0-48 Fill Sul/4000 AL FILL Drive Inspector's Comments Corrective Action Required Inspector's Signature Installer's Signature Yellow-Applicant Pink-Installer White-County 175' (2, 11)

AITKIN COUNTY ENVIRONMENTAL SERVICES

APPLICATION for an OPERATING PERMIT FOR WASTEWATER TREATMENT AND DISPERSAL

PERMITTEE STEPHEN MAY		PARCEL NUMBER	31-0-059102
ADDRESS 101 Minnesota Avenue	CITY Aitkin	STATE	MN ZIP 56431
SEC <u>30</u> TWP <u>47</u> RGE <u>26</u>	BLOCK	LOT	ACRES
TELEPHONE (218) 839-1628	GIS LOCATION		
SITE LOCATION Property borders Hwy	47 & 400 th Avenue, Spe	ncer Township, Aitk	xin .

A. DESCRIPTION OF WASTEWATER TREATMENT AND DISPERSAL SYSTEM:

1 FOOT SANDBASE MOUND (CONSTRUCTED ON FILL) SIZED FOR 2 BEDROOMS

This ISTS is to have the wastewater gravity from the proposed house into a 1500 gallon Septic Tank. The liquids will gravity into a 630 gallon Lift Tank. From there it will pump into a 39' x 45' 1 foot sandbase Mound with a 10' x 25' Rockbed constructed on FILL.

Number of Bedrooms	2	
Flow =	300	gpd
Hydraulic Loading Rate =	1.0 – 1.2	gpd/ft2
Organic Loading Rate =	0.00015	BOD/sqft
Flow x BOD(mg/1) x 8. (300 x 15 x 8.35		
System Loading = organ (.038 \div 250 = 0.0		
Anticipated System Life =	20 years	s ±
Estimated Cost of: System Construction =	_\$	8,000.00 ±
Operation =	-	5.00 per month
Monitoring, Testing & Se	rvice =	125.00 per year ±

A. M. & Associates, Inc.

Michael D. O'Keeffe

29465 442nd Lane Palisade, MN 56469 (218) 768-4430 SEPTIC SYSTEMS
DESIGNS * INSPECTIONS * MAINTENANCE
MPCA #1357

THE ENCLOSED INDIVIDUAL SEWAGE TREATMENT SYSTEM (ISTS)
IS DESIGNED SPECIFICALLY FOR:

APPROVED

NO ONSITE INSPECTION

MARKET INSPECTION

MARKET INSPECTION

MARKET INSPECTION

STEPHEN MAY 101 Minnesota Avenue S. Aitkin, MN 56431 (218) 839-1628 (Home)

For property located on Hwy 47

Spencer Township Sec. 30, Twp. 47, Rge. 26

Parcel# 31-0-059102

October 24, 2009

1 FOOT SANDBASE MOUND (CONSTRUCTED ON FILL) SIZED FOR 2 BEDROOMS

This ISTS is to have the wastewater gravity from the proposed house into a 1500 gallon Septic Tank. The liquids will gravity into a 630 gallon Lift Tank. From there it will pump into a 39' x 45' 1 foot sandbase Mound with a 10' x 25' Rockbed constructed on FILL.

Note to Property Owner:

Please be advised that with the installation of the enclosed designed septic system, the Property Owner(s) understands and accepts full responsibility of that which is outlined below.

The State of Minnesota has classified the attached ISTS Design as an "Other System", because the Mound is to be installed in an area that contains FILL. Therefore the Property Owner(s) accepts all responsibility and risks involved with the installation and hydraulic performance of this Septic System, and holds A.M. & Associates, Inc. and Aitkin County harmless from all liability for this Sewage Treatment System whatsoever.

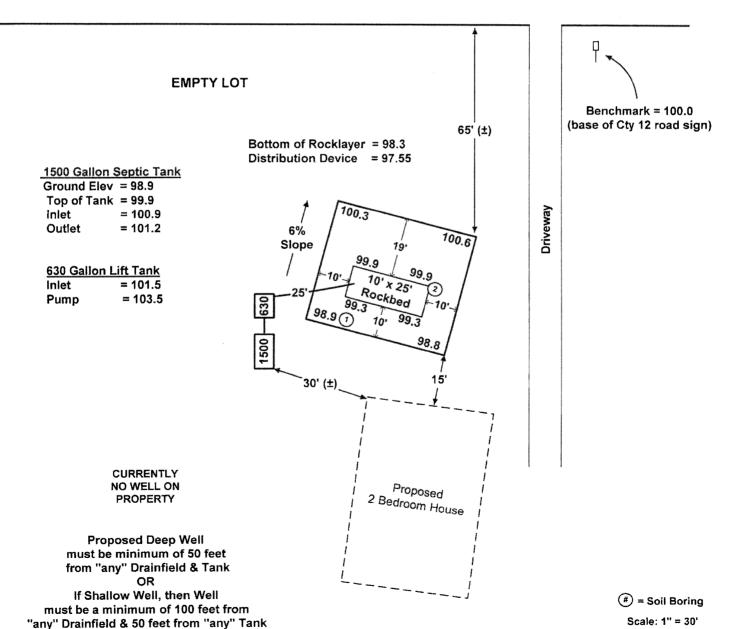
An Operating Permit for Wastewater Treatment and Dispersal is required from Aitkin County.

A Maintenance Service, Monitoring and Inspection Contract is required before Aitkin Planning & Zoning will accept an application for an Operating Permit.

The Property Owner(s) accepts the responsibility of all costs involved for the servicing, monitoring, maintenance and mitigation of this system, that may occur.

39' x 45' "Other" Mound System Sized for 2 Bedrooms 10' x 25' Rockbed 1 Foot Sandbase Constructed on Fill 6% Slope

HWY 47



SOIL BORING / PIT LOG

PROPERTY OWNER: STEPHEN MAY PARCEL# 31-0-059102 10/24/2009

Depth Color Texture

SOIL BORING #1

0-48 FILL (Sand & Gravel, less than 1 ½ inch Rock)

SOIL BORING #2

0 – 26 FILL (Loamy Sand mixed with some Clay Loam)

26 – 42 BLACK Sandy Loam

42 – 58 Peat & Sand Mixed



Conditional Use Permit (general) App. # 2025-000187, UID # 213583 App. Status: Pending Review

Aitkin County Planning & Zoning / Environmental Services 307 Second St. NW Room 219, Aitkin, MN 56431

Email: aitkinpz@aitkincountymn.gov

Phone: 218-927-7342 Fax: 218-927-4372

Contact Information

Are you the property owner?	No
	Name: Steve Blom Phone: (320) 231 - 2844 Email Address:
Applicant Contact Info:	steveb@brssurveys.com Mailing Address: 4566 Hwy 71 NE Suite 1 Willmar, MN MN 56201 5620
Have you had a pre- application meeting with the Planning & Zoning Department?	<u>Yes</u>

Authorized Agent

Please attach the completed authorized agent form.:	Receipt_2025-04-01_1723392_Authorized_Agent_Forms_for_Aitkin_countypdf
Property Owner Email Address:	rsampson27@mchsi.com

Project Location

	Property Location					Legal Description				Property Attributes	
	Parcel Number	Property Address	_	Owner Name(s)	Taxpayer Name(s)	Legal Description	Plat Name	Section- Township- Range		Lake Name	
Property:	24-1- 123102		NORDLAND TWP	ELM ISLAND PROPERTIES LLC	ELM ISLAND PROPERTIES LLC	PT LOT 1 BLOCK 5 AS IN DOC 399207 (TRACT A)	KELLARS ADDITION		RD	ELM ISLAND LAKE	
	24-1- 123103		NORDLAND TWP	ELM ISLAND PROPERTIES LLC	ELM ISLAND PROPERTIES LLC	PT LOT 1 BLOCK 5 AS IN DOC 399208 (TRACT B)	KELLARS ADDITION		RD	ELM ISLAND LAKE	
	24-1- 123104		NORDLAND TWP	ELM ISLAND PROPERTIES LLC	ELM ISLAND PROPERTIES LLC	PT LOT 1 BLOCK 5 AS IN DOC 399209 (TRACT C)	KELLARS ADDITION				

Brief Narrative

Brief Narrative:	Planning to create a 16 Lot RV Park with individual lot ownership that will have electrical and water services to each lot. The individual lots will also each have their own septic holding tank.
Provide a detailed explanation on why and how this proposal is meeting the Comprehensive Land Use Plan for Aitkin County.:	An association will be formed for the operation of the park. It will consist of officers and a board, as described to you on other paperwork sent to you. Also, included with the paperwork are the RV Park rules and regulations. There will be an association park manager and two assistants that will be in charge of the operations of the park the maintenance of anything that may need to be repaired.
How will this proposal be compatible with existing land uses?	The proposal will be compatible with the existing land as it will allow lot owners to enjoy Elm Island Lake on a seasonal basis. They will be able to enjoy the numerous recreational opportunities in this area and on the lake. All Aitkin County rules and ordinances are being followed.
Is this proposal meeting the Findings of Fact?	<u>Yes</u>

Detailed Operational Plan

Detailed Operational Plan:	Per Dave Rose
If you have already prepared a detailed operational plan, please attach it below:	File 1: File 1: Rules_and_RegsElm_Island_RV_ResortFor_Zoning.pdf

A Scaled Drawing

Attach Scaled Drawing:	File 1: - Elm_Island_Lake_RV_Park_Prelim_Dwg_2025-04-10.pdf

Septic Compliance

Is there an existing septic system on the property?	<u>No</u>
If you answered Yes, please attach one of the following: - A current compliance inspection on the existing septic system A design for a new/replacement septic system.	File 1: Septic_Design_LetterOakridge_ConstUpdated_4-17-25.pdf

Property Deed

File 2: 399208.pdf File 3: 399209.pdf File 4: CommitmentElm_Island_LakeSampson_Prop.pdf

Additional Info

Attachments (if necessary):	File 1: Film_Design_2_4.10.25GradingSWPPP.pdf File 2: Hydrocad_Modeling_4.10.25_Anez_Consulting.pdf File 3: Hydrology_Memo_4.10.25_Anez_Consulting.pdf File 4: Wetland_Delineation_ReportElm_Island_Properties.pdf				
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Terms

Conditional Use Terms & Conditions

The landowner or authorized agent hereby certifies that to the best of their knowledge the application and supporting documents are a factual representation of the proposed project. The landowner or authorized agent agrees that, in making application, the landowner grants permission to Aitkin County, at reasonable times, to enter the property to determine compliance of the application with applicable Local, County or State Ordinances or Statutes. It is the applicant's responsibility to contact other Local, County or State agencies to ensure the applicant has complied with all relevant Local, County or State Ordinances or Statutes.

Submittal of the above materials does not always constitute a complete application. Other information may be necessary to complete the application based on the type of request and onsite inspection.

The landowner or authorized agent may make application for a Conditional Use permit agreeing to do such work in accordance with all Aitkin County Ordinances. The landowner or authorized agent agrees that the application, site plan, and all other attachments submitted herewith are true and accurate and shall become a part of the permit. The landowner or authorized agent agrees that, in making application for a Conditional Use permit, the landowner grants permission to Aitkin County, at reasonable times, to enter the property to determine compliance of the application with applicable Local, County or State Ordinances or Statutes. It is the applicants sole responsibility to contact other Local, County or State agencies to ensure the applicant has complied with all relevant Local, County or State Ordinances or Statutes.

All corners of the proposed structure(s) need to be staked with visible flags, ribbon, or lathes prior to onsite inspection by Aitkin County.

Conditional Use Permit fees are non-refundable if denied or approved.

I acknowledge that by submitting this application, the application and its attachments are public information.

Invoice #62651 (04/15/2025) Expected Payment Method: Pay Online - Card or ECheck

Charge	Cost	Quantity	Total
Conditional Use Application Fee added 04/11/2025 8:28 AM \$650 Flat Fee	\$650.00	x 1	\$650.00
Recording Fee added 04/11/2025 8:28 AM \$46 Flat Fee	\$46.00	x 1	\$46.00
Grand Total			
		Total	\$696.00
	Pa	yment 04/15/2025	\$696.00
		Due	\$0.00

Conditions of Permit

None

Approvals

Approval	Signature
Applicant	Steve Blom - 04/17/2025 1:43 PM - witnessed by Shannon Wiebusch
	ac68079f87e441445c1a4986fb8de7f2
	741d9c72b03f7fb64d284699de61d748
#1 Admin	Shannon Wiebusch - 04/17/2025 1:46 PM
	f939abaf07ee108c613ce7590c15e55e
	6aa2d3980fa7e87b2de0a4760847dd35
#2 Planning Commission	



Parcel

Numbers(s):

Property Owner

Signature:

Aitkin County Environmental Services - Planning & Zoning

Date: 4/1/20

307 2nd Street NW, Room 219 Aitkin, MN 56431 (P) (218) 927-7342 (F) (218) 927-4372 (E) aitkinpz@co.aitkin.mn.us

AUTHORIZED AGENT FORM

I hereby authorize the agent named below to act as my authorized agent for all public hearing applications and land use permits on property located at:

24-1-123102 / 24-1-123103 / 24-1-123104

E911 Address of Property:	XXXXX - Oriole Ave, Aitkin, MN. 56431		
Authorized A	gent Information:		
Agent name:	Steve Blom		
Property Own	ner Information:		
Owner name:	Russell Sampson / Elm Island Prop. LLC	Phone number:	612-865-5501
Email:	rsampson27@mchsi.com		

P:\PZSHARE\Forms\Authorization Form.docx

Kwselle



Parcel

Aitkin County Environmental Services - Planning & Zoning

307 2nd Street NW, Room 219
Aitkin, MN 56431
(P) (218) 927-7342
(F) (218) 927-4372
(E) aitkinpz@co.aitkin.mn.us

AUTHORIZED AGENT FORM

I hereby authorize the agent named below to act as my authorized agent for all public hearing applications and land use permits on property located at:

24-1-123102 / 24-1-123103 / 24-1-123104

E911 Address of Property:	XXXXX - Oriole Ave, Aitkin, MN. 56431		
Authorized Ag	gent Information:		
Agent name:	Dave Rose		
Property Own	er Information:		1
Property Own Owner name:	er Information: Russell Sampson / Elm Island Prop. LLC	Phone number:	612-865-5501
		Phone number:	612-865-5501

399207 FILED HAR 30'10 ATAM Diane M. Lafferty, County Recorder

NO DELINQUENT TAXES
AND TRANSFER ENTERED
This 30 Day Lan 2010
County Auditor
County Auditor
Deputy

CERTIFICATE OF REAL ESTATE
VALUE () FILED () NOT
REQUIRED CERTIFICATE OF REAL
ESTATE VALUE NO ______

QUIT CLAIM DEED Business Entity to Business Entity (Top 3 inc	Ches reserved for recording data)	s Company © - Minneapolis Minnesota Uniform C Form	
DEED TAX DUE: \$,	day/year)
a Limited Liability Company hereby conveys and quitclaims to Elm Island Pro		Minnesota	, ("Grantor"),
a Limited Liability Company real property inAitkin			, ("Grantee"),
** Consideration is less than \$500.00. ** Check here if all or part of the described real proptogether with all hereditaments and appurtenances.	perty is Registered (Torrens)	AITKIN COUNT No 189 Day 1.65 County T	3-30-10 Dollare 1
Check applicable box:	Grantor	The same of	
The Seller certifies that the Seller does not keep any wells on the described real property. A well disclosure certificate accompanies the document. I am familiar with the property described in instrument and I certify that the status and me of wells on the described real property have since the last previously filed well disclosure.	is By: (signature) Russe this umber (type of author not changed	and Chief Manager	
WARNING: U	NAUTHORIZED COPYING OF THIS FORM PROHI	BITED.	Page 1

Page 2	Minnesota Uniform Conveyancing Blanks Form 10.3
tate of, County of _	Aitkin
	March 4, 2010 , by Russell S. Sampson (month/day/year) (name of authorized signer)
	as President and Chief Manager (type of authority)
and by	and of multiparity distribution
	d Property, LLC f/k/a Elm Island Properties, LLC
s of Elm Islan (type of authority)	(name of Grantor)
(Seal, if any)	man in the Kith
•	(signature of notarial officer) Melinda D. Betley
AND Mellada D. Berlin	Title (and Rank): Notary Public
NOTARY PUBLIC STATE OF IMPRESORA	My commission expires:
My Commission Expires 1-31-2014	
	INSTRUMENT SHOULD BE SENT TO: (insert name and address of Grantee to whom tax statements should be sent Elm Island Property, LLC c/o Russell S. Sampson 14534 Glendale Ave SE
	Prior Lake, MN 55372
HIS INSTRUMENT WAS DRAFTED BY: nsert name and address)	
einrich A. Brucker	
yan Ryan & Brucker	
01 Minnesota Avenue North	
.O. Box 388 .itkin, MN 56431-	· ·
18-927-2136	
tty. Reg. No. 025695X (100004) mdb	
	:

TRACT A

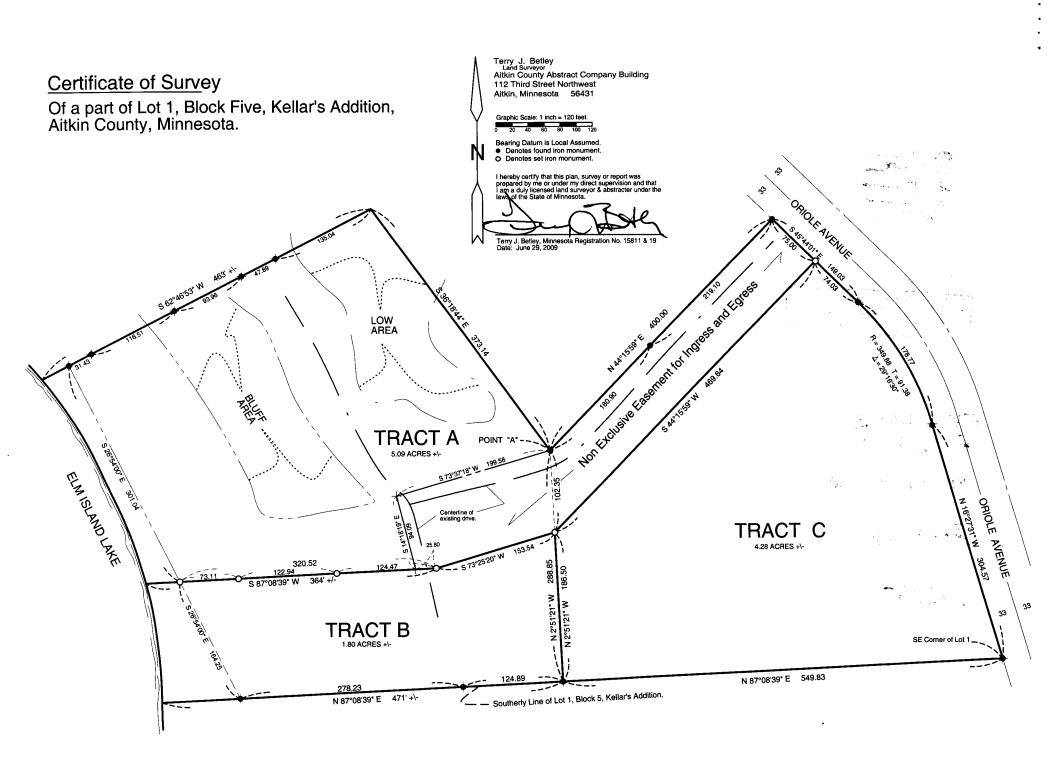
That part of **Lot 1**, **Block Five**, **Kellar's Addition**, according to the recorded plat thereof, described as follows:

Commencing at the Southeast corner of said Lot 1; thence South 87 degrees 08 minutes 39 seconds West, on an assigned bearing, along the Southerly line of said Lot 1, a distance of 549.83 feet, thence North 02 degrees 51minutes 21 seconds West, a distance of 288.85 feet, to a point hereby designated and hereafter referred to as POINT "A"; thence North 36 degrees 18 minutes 44 seconds West, a distance of 373.14 feet, to the actual point of beginning of the tract of land to be described; thence South 36 degrees 18 minutes 44 seconds East, a distance of 373.14 feet, and returning to said POINT "A"; thence North 44 degrees 15 minutes 59 seconds East, a distance of 400.00 feet; thence South 45 degrees 44 minutes 01 seconds East, along the Easterly line of said Lot 1(the Westerly line of Oriole Avenue), a distance of 75.00 feet; thence South 44 degrees 15 minutes 59 seconds West, a distance of 469.64 feet; thence South 73 degrees 25 minutes 20 seconds West, a distance of 153.54 feet; thence South 87 degrees 08 minutes 39 seconds West, a distance of 364 feet, more or less, to the shoreline of Elm Island Lake; thence Northwesterly, along said shoreline to its intersection with a line bearing South 62 degrees 46 minutes 53 seconds West, from the actual point of beginning; thence North 62 degrees 46 minutes 53 seconds East, a distance of 463 feet, more or less, to the actual point of beginning.

Subject to a Non Exclusive Easement for ingress and egress reserved by grantors, their heirs and assigns across the above described tract and said easement is described as follows:

Beginning at the above described POINT "A"; thence North 44 degrees 15 minutes 59 seconds East, a distance of 400.00 feet; thence South 45 degrees 44 minutes 01 seconds East, a distance of 75.00 feet; thence South 44 degrees 15 minutes 59 seconds West, a distance of 469.64 feet; thence South 73 degrees 25 minutes 20 seconds West, a distance of 153.54 feet; thence South 87 degrees 08 minutes 39 seconds West, a distance of 25.80 feet; thence North 14 degrees 18 minutes 19 seconds West, a distance of 94.09 feet; thence North 73 degrees 37 minutes 18 seconds East, a distance of 199.58 feet, to the point of beginning.

Aitkin County, Minnesota. (abstract property)



3 46° Outren, Ryan & Buekers

CEANION CONTRACTOR INDEX

COUNTY RECORDER ATTKIN COUNTY, MINNESOTA FILL ED

MAR 30 20109A M

399207

399208 FILED MAR 30'10 ATA_M Diane M. Lafferty, County Recorder

NO DELINQUENT TAXES
AND TRANSFER ENTERED

CERTIFICATE OF REAL ESTATE
VALUE () FILED () NOT
REQUIRED CERTIFICATE OF REAL

Page 1

ESTATE VALUE NO...

Miller/Davis Company © - Minneapolis, MN - (612) 312-1570 **OUIT CLAIM DEED** Minnesota Uniform Conveyancing Blanks **Business Entity to Business Entity** (Top 3 inches reserved for recording data) Form 10.3.5 (2006) (31-M) DATE: January 22, 2010 DEED TAX DUE: \$ ______1.65 (month/day/year) FOR VALUABLE CONSIDERATION, Elm Island Property, LLC f/k/a Elm Island Properties, LLC (insert name of Grantor) Limited Liability Company under the laws of Minnesota, ("Grantor"), hereby conveys and quitclaims to Elm Island Property, LLC (insert name of Grantee) under the laws of Minnesota, ("Grantee"), a Limited Liability Company _County, Minnesota, legally described as follows: Aitkin real property in _ See Tract B attached hereto for legal description. AITKIN COUNTY DEED TAX Date 3.30-10 ** Consideration is less than \$500.00. ** Dollars Paid Check here if all or part of the described real property is Registered (Torrens) County Tressurer together with all hereditaments and appurtenances. Grantor Check applicable box: Elm Island Property, LLC 1/k/a Elm Island Properties, LLC The Seller certifies that the Seller does not know of (name of Gran any wells on the described real property. A well disclosure certificate accompanies this document. (signature) Russell S. Sampson I am familiar with the property described in this Its: President and Chief Manager instrument and I certify that the status and number (type of authority) of wells on the described real property have not changed since the last previously filed well disclosure certificate. (signature) (type of authority)

WARNING: UNAUTHORIZED COPYING OF THIS FORM PROHIBITED.

Page 2		4	1	Minnesota Uniform C	onveyancing Blanks	Form 10.3.
State of	Minnesota	, County of	Aitkin			
	nent was acknowledge		(month/day/year)	(nan as Pres	ne of authorized signer) ident and Chief Ma	nager
				(type	e of authority)	
as	ype of authority)	_ of Elm Island P	roperty, LLC f/k/a	Elm Island Propert	ies, LLC ne of Grantor)	
	(Seal, if any)		(si	Member of notarial officer	Melinda D. Betley	Cuj
	Melinda D. NOTARY P STATE OF MIN	UBLIC NEGOTA	Ti	itle (and Rank): Nota	ry Public	
			INSTRU	TATEMENTS FOR THE F UMENT SHOULD BE SE name and address of Gran	NT TO:	
			c/o Rt 14534	sland Property, LLC issell S. Sampson Glendale Ave SE Lake, MN 55372		
THIS INSTRU (insert name a	IMENT WAS DRAFTED E nd address)	BY:	•		1	
Heinrich A. Ryan Ryan						
201 Minnes P.O. Box 33	ota Avenue North					
Aitkin, MN 218-927-21						
Atty. Reg. 1	No. 025695X (100004	l) mdb			ı	,

TRACT B

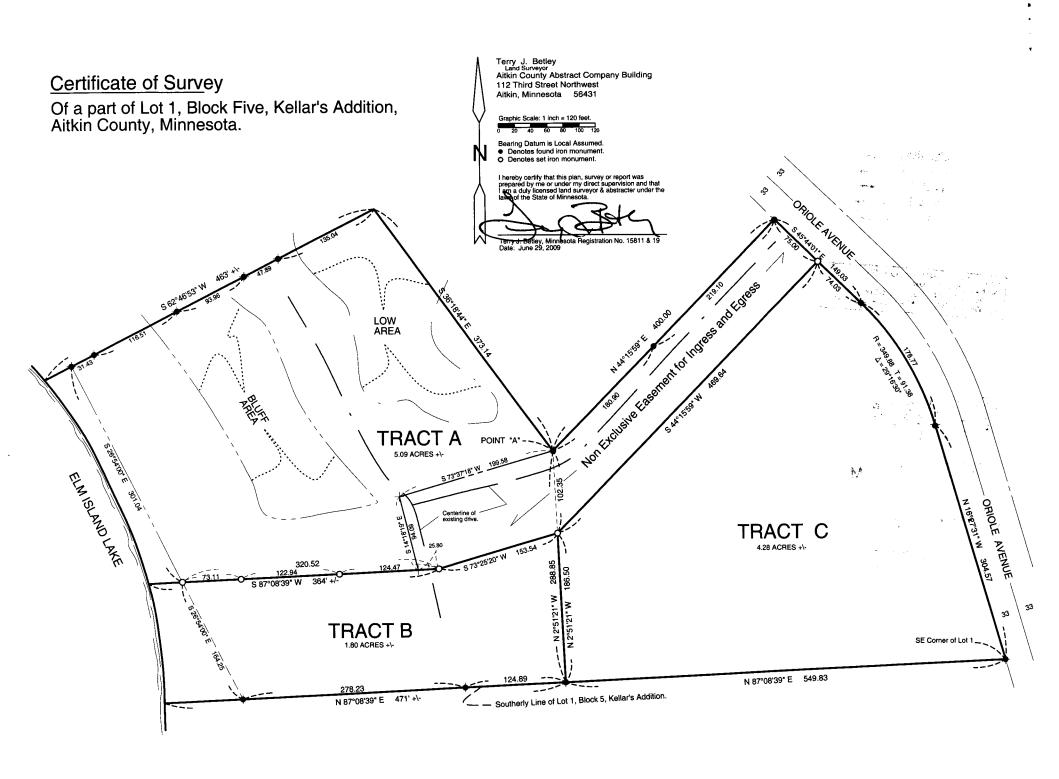
That part of Lot 1, Block Five, Kellar's Addition, according to the recorded plat thereof, described as follows:

Commencing at the Southeast corner of said Lot 1; thence South 87 degrees 08 minutes 39 seconds West, on an assigned bearing, along the Southerly line of said Lot 1, a distance of 549.83 feet; thence North 02 degrees 51 minutes 21 seconds West, a distance of 288.85 feet, to a point hereby designated and hereafter referred to as POINT "A"; thence South 02 degrees 51 minutes 21 seconds East, a distance of 102.35 feet; thence South 73 degrees 25 minutes 20 seconds West, a distance of 153.54 feet, to the actual point of beginning of the tract of land to be described; thence North 73 degrees 25 minutes 20 seconds East, a distance of 153.54 feet; thence South 02 degrees 51 minutes 21 seconds East, a distance of 186.50 feet; thence South 87 degrees 08 minutes 39 seconds West, along said Southerly line of Lot 1, a distance of 471 feet, more or less, to the shoreline of Elm Island Lake; thence Northwesterly, along said shoreline, to its intersection with a line bearing South 87 degrees 08 minutes 39 seconds West, from the actual point of beginning; thence North 87 degrees 08 minutes 39 seconds East, a distance of 364 feet, more or less, to the actual point of beginning.

Together with and Subject to a Non Exclusive Easement for ingress and egress across a part of said Lot 1 and said easement is described as follows:

Beginning at the above described POINT "A"; thence North 44 degrees 15 minutes 59 seconds East, a distance of 400.00 feet; thence South 45 degrees 44 minutes 01 seconds East, a distance of 75.00 feet; thence South 44 degrees 15 minutes 59 seconds West, a distance of 469.64 feet; thence South 73 degrees 25 minutes 20 seconds West, a distance of 153.54 feet; thence South 87 degrees 08 minutes 39 seconds West, a distance of 25.80 feet; thence North 14 degrees 18 minutes 19 seconds West, a distance of 94.09 feet; thence North 73 degrees 37 minutes 18 seconds East, a distance of 199.58 feet, to the point of beginning.

Aitkin County, Minnesota. (abstract property)



3 Lyan, Report Buseless 01 46.00 Within, Jrm 56431

CENTRALES CENTRE CRANTER COMPARIED

MAR 30 20109AM

As Doa No.

399208

399209 FILED MAR 30'10 ATA M Diane M. Lafferty, County Recorder

NO DELINQUENT TAXES
AND TRANSFER ENTERED
This 30 Day Man 2010

Kind a grant
County Auditor

Lyaluth Narman
Deputy

CERTIFICATE OF REAL ESTATE
VALUE () FILED (NOT
REQUIRED CERTIFICATE OF REAL
ESTATE VALUE NO ______

QUIT CLAIM DEED Business Entity to Business Entity (Top)	Miller/D 3 inches reserved for recording data	Pavis Company © - Minneapolis, MN - (612) 312-1570 Minnesota Uniform Conveyancing Blanks Form 10.3.5 (2006) (31-M)
DEED TAX DUE: \$		OATE:January 22, 2010 (month/day/year) sland Properties, LLC
		Minnesota , ("Grantor"),
a Limited Liability Company real property inAitkin		Minnesota , ("Grantee"), described as follows:
** Consideration is less than \$500.00. **		No 79 Date 3.3010 Jou Ham
Check here if all or part of the described real together with all hereditaments and appurtenant	nces.	County Treasurer By July Tughton 11
Check applicable box:	Grantor	U 0
The Seller certifies that the Seller does nany wells on the described real property	(name of Granton)	, LLC f/k/2 Elm Island Properties, LLC
A well disclosure certificate accompanie document.		ssell S. Sampson
I am familiar with the property described instrument and I certify that the status at of wells on the described real property has since the last previously filed well disclosure.	nd number Its: Presiden (type of aut) nave not changed	
WARNI	NG: UNAUTHORIZED COPYING OF THIS FORM PR	онівітер. Раде 1

Page 2	Minnesota Uniform Conveyancing Blanks Form 10.3.
State of, County	ofAitkin
This instrument was acknowledged before me	on March 4, 2010, by Russell S. Sampson (month/day/year) (name of authorized signer)
	as President and Chief Manager (type of authority)
and by	(name of authorized signer)
	sland Property, LLC f/k/a Elm Island Properties, LLC (name of Grantor)
(Seal, if any)	(signature of notarial officer) Melinda D. Betley
Selection of the select	Title (and Rank): Notary Public
NOTARY PUBLIC STATE OF MINNESOTA My Commision Expires 1-31-2014	My commission expires: 01/31/2014 (month/day/year)
	TAX STATEMENTS FOR THE REAL PROPERTY DESCRIBED IN THIS INSTRUMENT SHOULD BE SENT TO: (insert name and address of Grantee to whom tax statements should be sent)
	INSTRUMENT SHOULD BE SENT TO: (insert name and address of Grantee to whom tax statements should be sent) Elm Island Property, LLC
	INSTRUMENT SHOULD BE SENT TO: (insert name and address of Grantee to whom tax statements should be sent)
	INSTRUMENT SHOULD BE SENT TO: (insert name and address of Grantee to whom tax statements should be sent) Elm Island Property, LLC c/o Russell S. Sampson
	INSTRUMENT SHOULD BE SENT TO: (insert name and address of Grantee to whom tax statements should be sent) Elm Island Property, LLC c/o Russell S. Sampson 14534 Glendale Ave SE
(insert name and address)	INSTRUMENT SHOULD BE SENT TO: (insert name and address of Grantee to whom tax statements should be sent) Elm Island Property, LLC c/o Russell S. Sampson 14534 Glendale Ave SE
insert name and address) Heinrich A. Brucker Ryan Ryan & Brucker	INSTRUMENT SHOULD BE SENT TO: (insert name and address of Grantee to whom tax statements should be sent) Elm Island Property, LLC c/o Russell S. Sampson 14534 Glendale Ave SE
Ginsert name and address) Heinrich A. Brucker Ryan Ryan & Brucker 201 Minnesota Avenue North	INSTRUMENT SHOULD BE SENT TO: (insert name and address of Grantee to whom tax statements should be sent) Elm Island Property, LLC c/o Russell S. Sampson 14534 Glendale Ave SE
(insert name and address) Heinrich A. Brucker Ryan Ryan & Brucker 201 Minnesota Avenue North P.O. Box 388	INSTRUMENT SHOULD BE SENT TO: (insert name and address of Grantee to whom tax statements should be sent) Elm Island Property, LLC c/o Russell S. Sampson 14534 Glendale Ave SE
Ginsert name and address) Heinrich A. Brucker Ryan Ryan & Brucker 201 Minnesota Avenue North P.O. Box 388 Aitkin, MN 56431- 218-927-2136	INSTRUMENT SHOULD BE SENT TO: (insert name and address of Grantee to whom tax statements should be sent) Elm Island Property, LLC c/o Russell S. Sampson 14534 Glendale Ave SE
(insert name and address) Heinrich A. Brucker Ryan Ryan & Brucker 201 Minnesota Avenue North P.O. Box 388 Aitkin, MN 56431- 218-927-2136	INSTRUMENT SHOULD BE SENT TO: (insert name and address of Grantee to whom tax statements should be sent) Elm Island Property, LLC c/o Russell S. Sampson 14534 Glendale Ave SE
THIS INSTRUMENT WAS DRAFTED BY: (insert name and address) Heinrich A. Brucker Ryan Ryan & Brucker 201 Minnesota Avenue North P.O. Box 388 Aitkin, MN 56431- 218-927-2136 Atty. Reg. No. 025695X (100004) mdb	INSTRUMENT SHOULD BE SENT TO: (insert name and address of Grantee to whom tax statements should be sent) Elm Island Property, LLC c/o Russell S. Sampson 14534 Glendale Ave SE

TRACT C

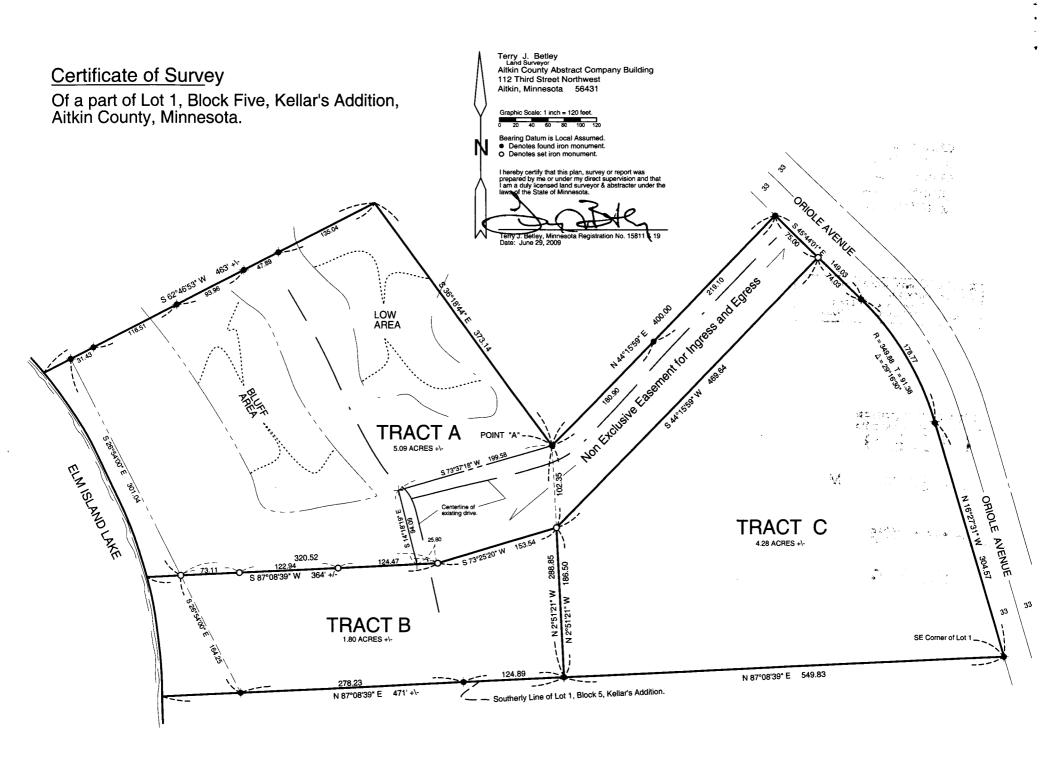
That part of Lot 1, Block Five, Kellar's Addition, according to the recorded plat thereof, described as follows:

Commencing at the Southeast corner of said Lot 1; thence South 87 degrees 08 minutes 39 seconds West, on an assigned bearing, along the Southerly line of said Lot 1, a distance of 549.83 feet; thence North 02 degrees 51 minutes 21 seconds West, a distance of 288.85 feet, to a point hereby designated and hereafter referred to as POINT "A"; thence South 02 degrees 51 minutes 21 seconds East, a distance of 102.35 feet, to the **actual point of beginning** of the tract of land to be described; thence South 02 degrees 51 minutes 21 seconds East, a distance of 186.50 feet; thence North 87 degrees 08 minutes 39 seconds East, along said Southerly line of Lot 1, a distance of 549.83 feet, to the Southeast corner thereof; thence Northwesterly, along the Easterly line of said Lot 1(the Westerly line of Oriole Avenue), to its intersection with a line bearing North 44 degrees 15 minutes 59 seconds East, from the actual point of beginning; thence South 44 degrees 15 minutes 59 seconds West, a distance of 469.64 feet, to the actual point of beginning.

Together with and Subject to a Non Exclusive Easement for ingress and egress across a part of said Lot 1 and said easement is described as follows:

Beginning at the above described POINT "A"; thence North 44 degrees 15 minutes 59 seconds East, a distance of 400.00 feet; thence South 45 degrees 44 minutes 01 seconds East, a distance of 75.00 feet; thence South 44 degrees 15 minutes 59 seconds West, a distance of 469.64 feet; thence South 73 degrees 25 minutes 20 seconds West, a distance of 153.54 feet; thence South 87 degrees 08 minutes 39 seconds West, a distance of 25.80 feet; thence North 14 degrees 18 minutes 19 seconds West, a distance of 94.09 feet; thence North 73 degrees 37 minutes 18 seconds East, a distance of 199.58 feet, to the point of beginning.

Aitkin County, Minnesota. (abstract property)



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Fidelity National Title Insurance Company

Transaction Identification Data, for which the Company assumes no liability as set forth in Commitment Condition 5.e.:

Issuing Agent: Aitkin County Abstract Company
Issuing Office: 112 3rd Street NW, Aitkin, MN 56431

Issuing Office's ALTA® Registry ID: 0001507

Commitment No.: 25-1087-1 Issuing Office File No.: 25-1087

Property Address: XXXXX - Oriole Ave, Aitkin, MN 56431

SCHEDULE A

1. Commitment Date: March 26, 2025 at 07:00 AM

2. Policy to be issued:

a. ALTA Owner's Policy (2021)

Proposed Insured: TO BE DETERMINED
Proposed Amount of Insurance: TBD
The estate or interest to be insured: Fee Simple

- 3. The estate or interest in the Land at the Commitment Date is: Fee Simple.
- 4. The Title is, at the Commitment Date, vested in:

Elm Island Property, LLC

5. The Land is described as follows:

See Exhibit A attached hereto

FIDELITY NATIONAL TITLE INSURANCE COMPANY

Aitkin County Abstract Company

This page is only a part of a 2021 ALTA Commitment for Title Insurance issued by Fidelity National Title Insurance Company. This Commitment is not valid without the Notice; the Commitment to Issue Policy; the Commitment Conditions; Schedule A; Schedule B, Part I - Requirements; and Schedule B, Part II - Exceptions; and a counter-signature by the Company or its issuing agent that may be in electronic form

27C170B





SCHEDULE B, PART I - REQUIREMENTS

All of the following Requirements must be met:

- 1. The Proposed Insured must notify the Company in writing of the name of any party not referred to in this Commitment who will obtain an interest in the Land or who will make a loan on the Land. The Company may then make additional Requirements or Exceptions.
- 2. Pay the agreed amount for the estate or interest to be insured.
- 3. Pay the premiums, fees, and charges for the Policy to the Company.
- 4. Documents satisfactory to the Company that convey the Title or create the Mortgage to be insured, or both, must be properly authorized, executed, delivered, and recorded in the Public Records.
- 5. You must tell us in writing the name of anyone not referred to in this Commitment who will get an interest in the land or who will make a loan on the land. We may then make additional requirements or exceptions.
- 6. "Gap" coverage will only be provided to insureds who close with Old Republic National Title Insurance Company or one of its policy-issuing agents. Old Republic National Title Insurance Company will provide insurance coverage, subject to the terms of the title insurance policy, for any documents recorded with the County Recorder or Registrar of Title for the period of time between the effective date of the title insurance commitment and the date of recording of the closing documents provided the closing occurs with Old Republic National Title Insurance Company or one of its policy-issuing agents.
- 7. We require that standard forms of affidavit and affidavits be furnished us at closing.
- 8. Identification will be required from all parties required to sign documents at closing.
- Aitkin County Abstract Company requires all proceeds to be "Collected Funds". Proceeds must be
 received by wire and credited to Aitkin County Abstract Company's escrow bank account, before the
 closing can be completed and funds disbursed.
- 10. Requirements are to be determined.
- 11. This title insurance commitment is issued for informational purposes only and is not intended to be an obligation to insure. All liability under this Commitment shall cease or terminate six months after the effective date hereof or when a policy is issued, whichever first occurs. If a policy is desired, please contact Aitkin County Abstract Company for a title insurance quote and possible further requirements.

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27C170B





SCHEDULE B, PART II - EXCEPTIONS

Some historical land records contain Discriminatory Covenants that are illegal and unenforceable by law. This Commitment and the Policy treat any Discriminatory Covenant in a document referenced in Schedule B as if each Discriminatory Covenant is redacted, repudiated, removed, and not republished or recirculated. Only the remaining provisions of the document will be excepted from coverage.

The Policy will not insure against loss or damage resulting from the terms and conditions of any lease or easement identified in Schedule A, and will include the following Exceptions unless cleared to the satisfaction of the Company:

- 1. Any defect, lien, encumbrance, adverse claim, or other matter that appears for the first time in the Public Records or is created, attaches, or is disclosed between the Commitment Date and the date on which all of the Schedule B, Part I Requirements are met.
- 2. Rights or claims of parties in possession not shown by the Public Records.
- 3. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land.
- 4. Easements, or claims of easements, not shown by the Public Records.
- 5. Any lien, or right to a lien, for services, labor, or material heretofore or hereafter furnished, imposed by law and not shown by the Public Records.
- 6. Taxes or special assessments which are not shown as existing liens by the Public Records.
- 7. Facts which would be disclosed by a comprehensive survey of the premises herein described.
- 8. Rights and claims of parties in possession.
- 9. Mechanics', Contractors' or Materialmen's liens and lien claims, if any, where no notice thereof appears of record.
- 10. Easements or claims of easements not shown by the public records.

11. Parcel No. 24-1-123102.

Real estate taxes payable in 2025 and in subsequent years. Real estate taxes payable in 2025 are \$1,596.00 and are unpaid. NOTE: There are no delinquent taxes of record.

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27C170B



SCHEDULE B - PART II

(Continued)

12. Parcel No. 24-1-123103.

Real estate taxes payable in 2025 and in subsequent years. Real estate taxes payable in 2025 are \$764.00 and are unpaid. NOTE: There are no delinquent taxes of record.

13. Parcel No. 24-1-123104.

Real estate taxes payable in 2025 and in subsequent years. Real estate taxes payable in 2025 are \$170.00 and are unpaid. NOTE: There are no delinquent taxes of record.

- 14. Special assessments hereafter levied. NOTE: We find no special assessments now pending or levied against these premises.
- 15. Rights of the public and the State of Minnesota to use that part of the premises which lies below the natural high-water mark of Elm Island Lake.
- 16. Riparian rights are neither guaranteed nor insured.
- 17. A portion of the property contains wetlands, which may be subject to federal, state or local regulation. The right to use or improve these wetlands is excepted herein.
- 18. Minerals and mineral rights have been reserved by former owners.
- 19. Easement dated October 5, 1989, filed January 29, 1991, as Document No. 265329 granting to Mille Lacs Electric Cooperative the right to construct, reconstruct, operate, excavate, repair and maintain an electric distribution line or system.
- 20. Rights of the public in and to the northeasterly boundary line of the insured premises taken for roadway purposes as evidenced by Township Resolution filed as Document No. 237785.
- 21. Subject to covenants, conditions and restrictions as set forth in Declaration of Restrictions, dated September 18, 1981, filed October 2, 1981 as Document No. 213696. (No forfeiture provision) (Pertains to the Plat of Kellar's Addition)
- 22. Easements for utility and drainage as shown on the recorded plat, if any.
- 23. Terms and conditions of an easement in Quit Claim Deed's recorded as Document No's. 399207, 399208 & 399209

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27C170B





EXHIBIT A

The Land is described as follows:

That part of Lot 1, Block Five, Kellar's Addition, according to the recorded plat thereof, described as follows:

Commencing at the Southeast corner of said Lot 1; thence South 87 degrees 08 minutes 39 seconds West, on an assigned bearing, along the Southerly line of said Lot 1, a distance of 549.83 feet; thence North 02 degrees 51 minutes 21 seconds West, a distance of 288.85 feet, to a point hereby designated and hereafter referred to as POINT "A"; thence North 36 degrees 18 minutes 44 seconds West, a distance of 373.14 feet, to the **actual point of beginning** of the tract of land to be described; thence South 36 degrees 18 minutes 44 seconds East, a distance of 373.14 feet, and returning to said POINT "A"; thence North 44 degrees 15 minutes 59 seconds East, a distance of 400.00 feet; thence South 45 degrees 44 minutes 01 seconds East, along the Easterly line of said Lot 1 (the Westerly line of Oriole Avenue), a distance of 75.00 feet; thence South 44 degrees 15 minutes 59 seconds West, a distance of 469.64 feet; thence South 73 degrees 25 minutes 20 seconds West, a distance of 153.54 feet; thence South 87 degrees 08 minutes 39 seconds West, a distance of 364 feet, more or less, to the shoreline of Elm Island Lake; thence Northwesterly, along said shoreline to its intersection with a line bearing South 62 degrees 46 minutes 53 seconds West, from the actual point of beginning; thence North 62 degrees 46 minutes 53 seconds East, a distance of 463 feet, more or less, to the actual point of beginning.

AND

That part of Lot 1, Block Five, Kellar's Addition, according to the recorded plat thereof, described as follows:

Commencing at the Southeast corner of said Lot 1; thence South 87 degrees 08 minutes 39 seconds West, on an assigned bearing, along the Southerly line of said Lot 1, a distance of 549.83 feet; thence North 02 degrees 51 minutes 21 seconds West, a distance of 288.85 feet, to a point hereby designated and hereafter referred to as POINT "A"; thence South 02 degrees 51minutes 21 seconds East, a distance of 102.35 feet; thence South 73 degrees 25 minutes 20 seconds West, a distance of 153.54 feet, to the actual point of beginning of the tract of land to be described; thence North 73 degrees 25 minutes 20 seconds East, a distance of 153.54 feet; thence South 02 degrees 51 minutes 21 seconds East, a distance of 186.50 feet; thence South 87 degrees 08 minutes 39 seconds West, along said Southerly line of Lot 1, a distance of 471 feet, more or less, to the shoreline of Elm Island Lake; thence Northwesterly, along said shoreline, to its intersection with a line bearing South 87 degrees 08 minutes 39 seconds West, from the actual point of beginning; thence North 87 degrees 08 minutes 39 seconds East, a distance of 364 feet, more or less, to the actual point of beginning.

AND

That part of Lot 1, Block Five, Kellar's Addition, according to the recorded plat thereof, described as follows:

Commencing at the Southeast corner of said Lot 1; thence South 87 degrees 08 minutes 39 seconds West, on an assigned bearing, along the Southerly line of said Lot 1, a distance of 549.83 feet; thence North 02 degrees 51 minutes 21 seconds West, a distance of 288.85 feet, to a point hereby designated and hereafter referred to as POINT "A"; thence South 02 degrees 51 minutes 21 seconds East, a distance of 102.35 feet, to the actual point of beginning of the tract of land to be described; thence South 02 degrees 51 minutes 21 seconds East, a distance of 186.50 feet; thence North 87 degrees 08 minutes 39 seconds East, along said Southerly line of Lot 1, a distance of 549.83 feet, to the Southeast corner thereof; thence Northwesterly, along the Easterly line of said Lot 1 (the Westerly line of Oriole Avenue), to its intersection with a line bearing North 44 degrees 15 minutes 59 seconds East, from the actual point of beginning; thence South 44 degrees 15 minutes 59 seconds West, a distance of 469.64 feet, to the actual point of beginning.

Aitkin County, Minnesota (Abstract)

BYLAWS OF ELM ISLAND LAKE RV PARK

ARTICLE I Offices

Section 1. Principal Executive Office. The principal executive office of the Association shall be in the City of Prior Lake, County of Scott, Minnesota.

Section 2. Registered Office. The location. and address of the registered office of the Association is 14534 Glendale Ave. SE., Prior Lake, M N 55372. The registered office need not be identical with the principal executive office of the association and may be changed from time to time by the Board of Directors.

Section 3. Other Offices. The association may have other offices at such places within and without the State of Minnesota as the Board of Directors may determine from time to time.

Section 4. Purpose. The purpose of the association is to hold and convey interests in the Association, including a Proprietary Campsite Use Agreement. Said interests shall consist of 16 units/Campsites in the association, along with a Proprietary Campsite Use Agreement for each member of the Association.

ARTICLE II Meetings of Members

Section 1. Place of Meeting. All meetings of the Members of this association shall be held at its principal executive office unless some other place for any such meeting within or without the State of Minnesota is designated by the Board of Directors in the notice of meeting. Any regular or special meeting of the Members of the association called by or held pursuant to a written demand of Members shall be held in the county where the principal executive office of the association is located.

Section 2. Regular Meetings. Regular meetings of the Members of this association may be held at the discretion of the Board of Directors on an annual or less frequent periodic basis on such dates and at such times and places as may be designated by the Board of Directors in the

notices of meeting. At regular meetings the Members shall elect a Board of Directors and transact such other business as may be appropriate for action by Members. If a regular meeting of Members has not been held for a period of fifteen (15) months, one or more Members holding not less than three percent (3%) of the voting power of all Lots of the association entitled to vote may call a regular meeting of Members by delivering to the chief executive officer or chief financial officer a written demand for a regular meeting. Within thirty (30) days after the receipt

of such a written demand by the chief executive officer or chief financial officer, the Board of Directors shall cause a regular meeting of Members to be called and held on notice no later than ninety (90) days after the receipt of such written demand, all at the expense of the cooperative.

Section 3. Special Meetings. Special meetings of the Members, for any purpose or purposes appropriate for action by Members, may be called by the chief executive officer, by the acting chief executive officer in the absence of the chief executive officer, by the chief financial officer, or by the Board of Directors or any two or more members thereof. Such meeting shall be held on such date and at such time and place as shall be fixed by the person or persons calling the meeting and designated in the notice of meeting. A special meeting may also be called by one or more Members holding ten percent (10%) or more of the voting power of all Lots of the associative entitled to vote, except that a special meeting for the purpose of considering any action to directly or indirectly facilitate or effect a business combination, including any action to change or otherwise affect the composition of the Board of Directors for that purpose, must be called by Members holding twenty-five percent (25%) or more of the voting power of all Lots entitled to vote.

The Members calling such meetings shall deliver to the chief executive officer or chief financial officer a written demand for a special meeting, which demand shall contain the purposes of the meeting. Within thirty (30) days after the receipt of such a written demand for a special meeting of Members by the chief executive officer or chief financial officer, the Board of Directors shall cause a special meeting of Members to be called and held on notice no later than ninety (90) days after the receipt of such written demand, all at

the expense of the association. Business transacted at any special meeting of Members shall be limited to the purpose or purposes stated in the notice of meeting. Any business transacted at any special meeting of Members that is not included among the stated purposes of such meeting shall be voidable by or on behalf of the cooperative unless all of the Members have waived notice of the meeting.

Section 4. Notice of Meetings. Except where a meeting of Members is an adjourned meeting and the date, time, and place of such meeting were announced at the time of adjournment, notice of all meetings of Members stating the date, time, and place thereof, and any

other information required by law or desired by the Board of Directors or by such other person or persons calling the meeting, and in the case of special meetings, the purpose thereof, shall be given to each Member of record entitled to vote at such meeting not less than three (3) nor more than sixty (60) days prior to the date of such meeting. If a plan of merger or exchange or the sale or other disposition of all or substantially all of the assets of the association is to be considered at a meeting of Members, notice of such meeting shall be given to every Member, whether or not entitled to vote. The notice of meeting at which there is to be considered a proposal to adopt a plan of merger or exchange or the sale or other disposition of all or substantially all of the assets of the association shall be given not less than fourteen (14) days prior to the date of such meeting, shall state the purpose of such meeting, and, where a plan of merger or exchange is to be considered, shall include a copy or a short description of the plan.

Notices of meeting shall be given to each Member entitled thereto by oral communication, by mailing a copy thereof to such Member at an address designated by such Member or to the last known address of such Member, by handing a copy thereof to such Member, or by any other delivery that conforms to law. Notice by mail shall be deemed given when deposited in the United States mail with sufficient postage affixed. Notice shall be deemed received when it is given.

Any Member may waive notice of any meeting of Members. Waiver of notice shall be effective whether given before, at, or after the meeting and whether given orally, in writing, or by attendance. Attendance by a Member at a meeting is a waiver of notice of that meeting, except where the Member objects at the beginning of the meeting to the transaction of business because the meeting is not lawfully called or convened and does not participate thereafter in the meeting, or objects before a vote on an item of business because the item may not lawfully be considered at that meeting and does not participate in the consideration of that item at the meeting.

Section 5. Record Date. For the purpose of determining Members entitled to notice of and to vote at any meeting of Members or any adjournment thereof, or Members

entitled to receive payment of any dividend, or in order to make a determination of Members for any other proper purpose, the Board of Directors of the association may, but need not, fix a date as the record date for any such determination of Members, which record date, however, shall in no event be more than sixty (60) days prior to any such intended action or meeting.

Section 6. Quorum. The holders of a majority of the voting power of all Lots of the association entitled to vote at a meeting shall constitute a quorum at a meeting of Members

for the purpose of taking any action other than adjourning such meeting. If the holders of a majority of the voting power of all Lots are not represented at a meeting, the Members present in person or by proxy shall constitute a quorum for the sole purpose of adjourning such meeting, and the holders of a majority of the Lots so represented may adjourn the meeting to such date, time, and place as they shall announce at the time of adjournment. Any business that might have been transacted at the adjourned meeting had a quorum been present, may be transacted at the meeting held pursuant to such an adjournment and at which a quorum shall be represented. If a quorum is present when a duly called or held meeting is convened, the Members present may continue to transact business until adjournment, even though the withdrawal of a number of Members originally represented leaves less than the number otherwise required for a quorum.

Section 7. Voti ng and Proxies. At each meeting of the Members every Member shall be entitled to one vote in person or by proxy for each Lot of capital stock held by such Member, except as may be otherwise provided in the Articles of Organization or the terms of the Lot or as may be required to provide for cumulative voting (if not denied by the Articles of Organization), but no appointment of a proxy shall be valid for any purpose more than eleven (11) months after the date of its execution, unless a longer period is expressly provided in the appointment. Every appointment of a proxy shall be in writing (which shall include telegraphing, cabling, or telephotographic transmission), and shall be filed with the Secretary of the cooperative before or at the meeting at which the appointment is to be effective. An appointment of a proxy for Lots held jointly by two or more Members shall be valid if signed by any one of them, unless the Secretary of the cooperative receives

from any one of such Members written notice either denying the authority of another of such Members to appoint a proxy or appointing a different proxy. All questions regarding the qualification of voters, the validity of appointments of proxies, and the acceptance or rejection of votes shall be decided by the presiding officer of the meeting. The Members shall take action by the affirmative vote of the holders of a majority of the voting power

of the Lots present, in person or represented by proxy, and entitled to vote, except where a different vote is required by law, the Articles of Organization, or these Bylaws.

Section 8. Action Without Meeting by Members. Any action required or permitted to be taken at a meeting of the Members may be taken without a meeting by written action signed by all of the Members entitled to vote on such action. Such written action shall be effective when signed by all of the Members entitled to vote thereon or at such different effective time as is provided in the written action.

ARTICLE III Directors

Section 1. General Powers. Except as authorized by the Members pursuant to a Member control agreement or unanimous action, the business and affairs of the cooperative shall be managed by or under the direction of its Board of Directors. The directors may exercise all such powers and do all such things as may be exercised or done by the association, subject to the provisions of applicable law, the Articles of Organization, and these Bylaws.

Section 2. Number, Tenure, and Qualification. The number of directors which shall constitute the whole Board of Directors shall be fixed from time to time by resolution of the Members, subject to increase by resolution of the Board of Directors. No decrease in the number of directors pursuant to this section shall effect the removal of any director then in office except upon compliance with the provisions of Section 7 of this Article. Each director shall be elected at a regular meeting of Members and shall hold office until the next regular meeting of Members and thereafter until a successor is duly elected and qualified, unless a prior vacancy shall occur by reason of death, resignation, or removal from office. Directors shall be natural persons, but need not be Members.

Section 3. Meetings. Meetings of the Board of Directors shall be held immediately after, and at the same place as regular meetings of Members. Other meetings of the Board of Directors may be held at such times and places as shall from time to time be determined by the Board of Directors. Meetings of the Board of Directors also may be called by the chief executive officer, by the acting chief executive officer in the absence of the chief executive officer, or by any director, in which case the person

or persons calling such meeting may fix the date, time, and place thereof, either within or without the State of Minnesota, and shall cause notice of meeting to be given.

Section 4. Notice of Meetings. If the date, time, and place of a meeting of the Board of Directors has been announced at a previous meeting, no notice is required. In all other cases three (3) days' notice of meetings of the Board of Directors, stating the date and time thereof and any other information required by law or desired by the person or persons calling such meeting, shall be given to each director. If notice of meeting is required, and such notice does not state the place of the meeting, such meeting shall be held at the principal executive office of the association. Notice of meetings of the Board of Directors shall be given to directors in the manner provided in these Bylaws for giving notice to Members of meetings of Members.

Any director may waive notice of any meeting. A waiver of notice by a director is effective whether given before, at, or after the meeting, and whether given orally, in writing, or by attendance. The attendance of a director at any meeting shall constitute a waiver of notice of such meeting, unless such director objects at the beginning of the meeting to the transaction of business on grounds that the meeting is not lawfully called or convened and does not participate thereafter in the meeting.

Section 5. Quorum and Voting. A majority of the directors currently holding office shall constitute a quorum for the transaction of business at any meeting of the Board of Directors. In the absence of a quorum, a majority of the directors present may adjourn the meeting from time to time until a quorum is present. If a quorum is present when a duly called or held meeting is convened, the directors present may continue to transact business until adjournment, even though the withdrawal of a number of directors originally present leaves less than the number otherwise required for a quorum.

The Board of Directors shall take action by the affirmative vote of a majority of the directors present at any duly held meeting, except as to any question upon which any different vote is required bylaw, the Articles of Organization, or these Bylaws. A director may give advance written consent or objection to a proposal to be acted upon at a meeting of the Board of Directors. If the proposal acted on at the meeting is substantially the same or has substantially the same effect as the proposal to which the director has consented or objected, such consent or objection shall be counted as a vote for or against the proposal and shall be recorded in the minutes of the meeting. Such consent or objection shall not be considered in determining the existence of a quorum.

Each Member shall be entitled to one vote for each Interest (Campsite) owned. When more than one (1) person holds the Interest, all such persons shall be Members but the vote for such Interest shall be exercised as they among themselves shall determine, subject, however, to limitation that the voting power for any Interest may not be split. The vote for any Interest which is owned by more than one (1) Member may not be cast at any meeting unless such members have filed with the Secretary of the Association prior to such meeting the name of one (1) of their number who then shall be the only person authorized to cast such vote at such meeting. In lieu of such filing prior to every meeting, such Members may file a document executed by all of them, designating one (1) of their number as the person authorized to cast their vote at all future meetings and such authorization shall continue to be valid until such time as such authorization shall have been rescinded in writing by all of such Members.

Section 6. Vacancies and Newly Created Directorships. Any vacancy occurring in the Board of Directors may be filled by the affirmative vote of a majority of the directors remaining in office, even though said remaining directors be less than a quorum. Any newly created directorship resulting from an increase in the authorized number of directors by action of the Board of Directors may be filled by a majority vote of the directors serving at the time of such increase. Any vacancy or newly created directorship may be filled by resolution of the Members. Unless a prior vacancy occurs by reason of death, resignation, or removal from office, any director so elected shall hold office until the next regular meeting of Members and until a successor is duly elected and qualified.

Section 7. Removal of Directors. The entire Board of Directors or any director or directors may be removed from office, with or without cause, at any special meeting of the Members duly called for that purpose as provided in these Bylaws, by a vote of the Members holding a majority of the Lots entitled to vote at an election of directors. At such meeting, without further notice, the Members may fill any vacancy or vacancies created by such removal as provided in Section 6 of this Article. Any such vacancy not so filled may be filled by the directors as provided in Section 6 of this Article. Any director named by the Board of Directors to fill a vacancy may be removed at any time, with or without cause, by an affirmative vote of a majority of all remaining directors (including remaining directors that were elected by the Members and remaining directors elected by the directors without Member action pursuant to Section 6 of this Article), even though said remaining directors be less than a quorum, if the Members have not elected directors in the interval between the appointment to fill the vacancy and the time of removal.

Section 8. Committees. The Board of Directors, by a resolution approved by the affirmative vote of a majority of the directors then holding office, may establish one or more committees of one or more persons having the authority of the Board of Directors in the management of the business of the association to the extent provided in such resolution. Such committees, however, shall at all times be subject to the direction and control of the Board of Directors. Committee members need not be directors and shall be appointed by the affirmative vote of a majority of the directors present. A majority of the members of any committee shall constitute a quorum for the transaction of business at a meeting of any such committee. In other matters of procedure the provisions of these Bylaws shall apply to committees and the members thereof to the same extent they apply to the Board of Directors and directors, including, without limitation, the provisions with respect to meetings and notice thereof, absent members, written actions, and valid acts. Each committee shall keep regular minutes of its proceedings and report the same to the Board of Directors.

Section 9. Action in Writing. Any action required or permitted to be taken at a meeting of the Board of Directors or of a lawfully constituted committee thereof may be taken by written action signed by all of the directors then in office or by all of the members of such committee, as the case may be. If the action does not require Member approval, such action shall be effective if signed by the number of directors or members of such committee that would be required to take the same action at a meeting at which all directors or committee members were present. If any written action is taken by less than all directors, all directors shall be notified immediately of its text and effective date. The failure to provide such notice, however, shall not invalidate such written action.

Section 10. Meeting by Means of Electronic Communication. Members of the Board of Directors of the cooperative, or any committee designated by such Board, may participate in a meeting of such Board or committee by means of conference telephone or similar means of communication by which all persons participating in the meeting can simultaneously hear each other. Participation in a meeting pursuant to this section shall constitute presence in person at such meeting.

Section 1. Number and Qualification. The officers of the association shall consist of one or more natural persons elected by the Board of Directors exercising the functions of the offices, however designated, of chief executive officer/chair and chief financial officer/treasurer. The Board of Directors may also appoint such other officers and assistant officers as it may deem necessary. Except as provided in these Bylaws, the Board of Directors shall fix the powers, duties, and compensation of all officers. Officers may be, but need not be, directors of the association. Any number of offices may be held by the same person.

Section 2. Term of Office. An officer shall hold office until a successor shall have been duly elected, unless prior thereto such officer shall have resigned or been removed from office as hereinafter provided.

Section 3. Removal and Vacancies. Any officer or agent elected or appointed by the Board of Directors shall hold office at the pleasure of the Board of Directors and may be removed, with or without cause, at any time by the vote of a majority of the Board of Directors. Any vacancy in an office of the association shall be filled by action of the Board of Directors

Section 4. Chief Executive Officer/Chai r. Unless provided otherwise by a resolution adopted by the Board of Directors, the chief executive officer shall have general active

management of the business of the cooperative, in the absence of the Chairperson of the Board or if the office of Chairperson of the Board is vacant, shall preside at meetings of the Members and Board of Directors, shall see that all orders and resolutions of the Board of Directors are carried into effect, shall sign and deliver in the name of the association any deeds, mortgages, bonds, contracts, or other instruments pertaining to the business of the association, except in cases in which the authority to sign and deliver is required by law to be exercised by another person or is expressly delegated by the Articles of Organization, these Bylaws, or the Board of Directors to some other officer or agent of the association, may maintain records of and certify proceedings of the Board of Directors and Members, and shall perform such other duties as may from time to time be prescribed by the Board of Directors.

Section 5. Chief Financial Officer/Treasurer. Unless provided otherwise by a resolution adopted by the Board of Directors, the chief financial officer shall keep accurate financial records for the association, shall deposit all monies, drafts, and checks in the name of and to the credit of the association in such banks and

depositories as the Board of Directors shall designate from time to time, shall endorse for deposit all notes, checks, and drafts received by the association as ordered by the Board of Directors, making proper vouchers therefor, shall disburse association funds and issue checks and drafts in the name of the association as ordered by the Board of Directors, shall render to the chief executive officer and the Board of Directors, whenever requested, an account of all such officer's transactions as chief financial officer and of the financial condition of the association, and shall perform such other duties as may be prescribed by the Board of Directors or the chief executive officer from time to time.

Section 6. Chairperson of the Board. The Board of Directors may elect a Chairperson of the Board who, if elected, shall preside at all meetings of the Members and of the Board of Directors and shall perform such other duties as may be prescribed by the Board of Directors from time to time.

Section 7. President. Unless otherwise determined by the Board of Directors, the President shall be the chief executive officer of the cooperative. If an officer other than the President is designated chief executive officer, the President shall have such powers and perform such duties as the Board of Directors or the chief executive officer may prescribe from time to time.

Section 8. Vice Presidents. The Vice President, if any, or Vice Presidents in case there be more than one, shall have such powers and perform such duties as the chief executive officer or the Board of Directors may prescribe from time to time. In the absence of the President or in the event of the President's death, inability, or refusal to act, the Vice President, or in the event there be more than one Vice President, the Vice Presidents in the

order designated by the Board of Directors, or, in the absence of any designation, in the order of their election, shall perform the duties of the President, and, when so acting, shall have all the powers of and be subject to all of the restrictions upon the President.

Section 9. Secretary/Record Officer. The Secretary shall attend all meetings of the Board of Directors and of the Members and shall maintain records of, and whenever necessary, certify all proceedings of the Board of Directors and of the Members. The Secretary shall keep the lot allocation books of the association, when so directed by the Board of Directors or other person or persons authorized to call such meetings, shall give or cause

to be given notice of meetings of the Members and of meetings of the Board of Directors, and shall also perform such other duties and have such other powers as the chief executive officer or the Board of Directors may prescribe from time to time.

Section 10. Treasurer. Unless otherwise determined by the Board of Directors, the Treasurer shall be the chief financial officer of the association. If an officer other than the Treasurer is designated chief financial officer, the Treasurer shall have such powers and perform such duties as the chief executive officer or the Board of Directors may prescribe from time to time.

Section 11. Delegation. Unless prohibited by a resolution approved by the affirmative vote of a majority of the directors present, an officer elected or appointed by the Board of Directors may delegate in writing some or all of the duties and powers of such person's office to other persons.

The undersigned do hereby certify that the foregoing Bylaws are the Bylaws a	dopted for
the association by its Board of Directors at a meeting held on the day of	of
,2025.	

CEO/CHAIR: Russ Sampson

Bylaws Acknowledgment

The undersigned Member(s) to hereby certify that they have received a copy of and understand the bylaws as set forth in this document.				
Signature	-			
Printed name of Member	_			
Signature	_			
Printed name of Member	_			
Date				
Date				

ARTICLE VI

ELM ISLAND LAKE RV PARK RULES AND REGULATIONS

- 1. Park will follow all laws of the township, city, county and state.
- 2. One RV per site.
- 3. Two cars per site.
- 4. Camp fires must be in fire pits and put out when done.
- 5. Quiet Time from 11:00 P.M. to 7:00 A.M.
- 6. No loud music or noise.
- 7. Pets must be on leash when not in RV site.
- 8. Owner must clean up after pets.
- 9. Noisy or vicious pets are not allowed.
- 10. Golf carts will be allowed in park.
- 11.10mph speed limit in park.
- 12. Association dues are due May 1st.
- 13. Garbage dumpster and water are included in Association dues.
- 14. Water shut off is November 1st.
- 15. Trailer has to be 5' from lot line including slide out.
- 16. Deck or Arizona room has to be no more than 12' wide and 5' from property lines.
- 17.ATVs, snowmobiles or motorcycles can be used to go in or out of park.
- 18. Storage shed can be no more than 200 square feet.
- 19. Only 20 year old or newer campers are allowed in park. (Except for renovated RV Classics like Airstream)
- 20. All RVs will be allowed on the street for no more than 48 hrs for the purpose of loading and unloading
- 21. All cars, trucks, boats and any other vehicles will be off the streets and in appropriate parking spaces at night.
- 22. Members shall not permit any unlicensed vehicle or vehicle under repair to remain on any street within park. Major vehicle repairs may not be made within the park.
- 23. The Board of Directors may remove such vehicles and assess the cost of removal against the responsible member of any such vehicle after notifying responsible member in person and in writing.



CONSTRUCTION 604 4th Ave SW New London, MN 56273 (320) 354-2621

4/10/2025

Dear Dave,

Thank you for your call regarding the Elm Island project in Aitken MN. Once you have received approval from the county regarding the sixteen 1,000 gallon holding tanks, we will perform the designs needed for the project, meeting all current codes in Aitken County. We look forward to collaborating with you and Aitken County on your upcoming project. When reviewing the plan and installing the sixteen 1,000 gallon holding tanks, the tanks will be installed with tank alarms that will be set to go off at 75% capacity at each of the sixteen sites.

Thank you,

Jason Long

Owner

Oakridge Construction, Inc Business License # 241952

SSTS License # 2543

Wetland Delineation Report

Aitkin County Parcels 24-1-123104, 24-1-123103 and 24-1-123102 314XX Oriole Avenue Aitkin, Minnesota



Prepared for: Elm Island Properties, LLC Attn: Russell Sampson 14534 Glendale Ave SE Prior Lake, Minnesota 55372

Prepared by: Granite City Environmental, LLC P.O. Box 1382 St. Cloud, Minnesota 56302 GCE Project #24026

Sign-off Sheet

This document entitled Wetland Delineation Report was prepared by Granite City Environmental, LLC (GCE) for the account of Elm Island Properties, LLC, Russell Sampson, David Rose and Bonnema Runke Stern Inc. Land Surveyors. The material in it reflects GCE's best judgment in light of the information available to it at the time of preparation. Any use which a third party makes of this report, or any reliance on or decisions made based on it, are the responsibilities of such third parties. GCE accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions based on this report.

Prepared by

(signature)

Clinton D. Jordahl, CWD #1149

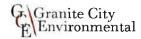


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10

INTRODUCTION November 4, 2023

1.0 INTRODUCTION

Granite City Environmental, LLC (GCE) delineated wetlands lying within Aitkin County parcels 24-1-123104, 24-1-123103 and 24-1-123102 collectively comprising approximately 11.5 acres of land lying in the southeast quarter of the northwest quarter of Section 15, Township 46N, Range 26W, Aitkin County, Minnesota (Figure 1). The project site is located within the unincorporated area of Norland Township and has not been assigned a street address.

The findings of this wetland delineation report are only valid for the site conditions which existed at the time of this investigation. Findings are subject to revision based upon natural or induced changes in weather, vegetation management, land use, topography, surface water flow, subsurface drainage, and stormwater management, within or near the project site which may affect the soils, hydrology, or vegetative community on the project site.

2.0 STUDY METHODS

2.1 OFF SITE SURVEY

Available topographic maps, aerial photos, National Wetlands Inventory (NWI) maps, Public Waters Inventory (PWI) maps, and Aitkin County Soil Survey maps were reviewed prior to visiting the site to identify potential wetland areas. A custom soil survey of the area including hydric rating by map unit was generated using the United States Department of Agriculture (USDA) Natural Resource Conservation Service (NRCS) Web Soil Survey, and is included in Appendix A. A printout of the NWI for the project area was generated using the US Fish and Wildlife Service (USFWS) Wetlands Mapper and is included in Appendix A. The Minnesota Department of Natural Resources (DNR) recently launched their own online version of the NWI ("NWI Wetland Finder") and instructed wetland delineators to begin using their new application instead of the USFWS NWI. A printout of DNR's alternate interpretation of the NWI is also included in Appendix A. Topographic contours based on Light Detection and Ranging (LiDAR) data were obtained from the Aitkin County Online Geographic Information System (GIS) application and are layered on Figure 2.

2.2 FIELD INVESTIGATION

An examination of vegetation, soils and hydrology was completed to help characterize and determine wetland boundaries. The field examination generally followed the procedures outlined in the 1987 Corps of Engineers Wetlands Delineation Manual, as modified by the 2012 Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Northcentral and Northeast Region. The 2018 NRCS Field Indicators of Hydric Soils in the United States guide was



RESULTS November 4, 2023

utilized to help identify hydric soils at the site. The 2020 National Wetland Plant List Final Ratings was used to identify the indicator status of vegetation.

At least one sample transect was established for each wetland Type in a representative wetland-to-upland transition zone. Each transect was comprised of at least two sample points located along a line running perpendicular to the wetland edge, with one point in obvious wetland and one point in obvious upland. A Wetland Determination Data Form was completed for each sample point and copies of the data forms are included in Appendix B. Transect locations are indicated on Figure 2.

Wetland edges were marked with sequentially numbered pink pin flags labeled "Wetland Delineation". The wetland edge was considered the highest extent of the area meeting the soils, vegetation and hydrology criteria needed to be determined wetland. Areas below the delineated wetland edge met all three of the required wetland criteria, while areas above the line did not.

3.0 RESULTS

3.1 OFF SITE SURVEY

The 1973 United States Geological Survey (USGS) Glen, Minnesota 7.5 Minute Topographic Quadrangle (Figure 1) depicts the west side of the project site as steeply inclined toward Elm Island Lake. The rest of the property is rolling and inclined towards two marshy area lying partially within the project site boundaries. Other than the two marshy areas, no closed depressions or other suspect wetland areas are shown on the project site.

Aitkin County LiDAR contours (Figure 2) depicts the western third of the property as sloping steeply toward Elm Island Lake from an elevation of 1272 to an elevation of 1230. Two flat areas are shown east of the ridge at an elevation of about 1260. A hill on the eastern side of the property slopes south and west, and a small closed depression is shown on the slope.

The USFWS NWI map for the area of the project (Appendix A) depicts three wetland areas encroaching onto the project site from the north, south and west. The wetland lying along the shore of Elm Island Lake on the west, and the wetland encroaching from the north were both mapped as Type 3 Palustrine (P), emergent (EM), persistent (1), seasonally flooded (C) shallow marshes (PEM1C). The wetland encroaching onto the project site from the south was mapped as a complex of Type 8 Palustrine, forested (FO) needle-leaved deciduous (2) continuously saturated (D) organic (g) bog (PFO2Dg), Type 7 Palustrine, forested, broad-leaved deciduous (1) continuously saturated hardwood swamp (PFO1D), and Type 6 Palustrine, scrub-shrub (SS), broad-leaved deciduous, continuously saturated shrub carr (PSS1D). The DNR's reinterpretation of the NWI (Appendix A) matches the USFWS's interpretation exactly. Areas mapped as wetland on the NWI are presumptively wetland and require field examination.



RESULTS November 4, 2023

A review of the DNR's PWI for the area identified the adjacent EIm Island Lake as "Waters of the State" (10-123P). Public waters are regulated by the DNR below the ordinary high water (OHW) elevation that maybe above or below the wetland boundary established using the soils, vegetation and hydrology criteria as described in the Corps manual. The OHW elevation for EIm Island Lake has been established at 1227.8 (MSL 1912), which appears to below the wetland boundary flagged in the field. We recommend consulting with the DNR to determine the scope of their regulatory jurisdiction.

The Aitkin County soil survey (Appendix A) maps the Cathro muck and Lupton muck to be present through the middle and across the south side of the project site. Both the Cathro and Lupton series are predominantly hydric soil units (each 98% hydric) and the presence of predominantly hydric soil units is an indication potential wetland.

3.2 FIELD DELINEATION

A field investigation of the subject property was conducted on October 18, 2024. The project site was determined to contain four wetland areas that were subsequently delineated. Antecedent precipitation analysis suggests climatic conditions at the time of the site visit were dry (Appendix B).

3.2.1 Wetland A

Wetland A was mapped as Type 3 shallow marsh (PEM1C) on the NWI and that appears to be the best classified. The area lies contiguous with Elm Island Lake and will be regulated by the DNR as part of the lake if it lies below the OHW elevation, and by the Wetland Conservation Act (WCA) if it lies above that elevation. Soils at the location of test pit TA1_WI had a depleted matrix below a



dark surface layer meeting the A11 hydric soils indicator. The soil was wet 12 inches and water rose in the borehole to withing 15 inches of the surface meeting the A3 primary and C2 secondary hydrology indicators. The D2 and D5 secondary hydrology indicators were met at that location. The wetland boundary follows an obvious topographic break and the adjacent upland lacks hydrophytic vegetation and sufficient indications of wetland hydrology.



RESULTS November 4, 2023

3.2.2 Wetland B

Wetland B is primarily a Type 3 shallow marsh (PEM1C) as mapped on the NWI. In areas, the basin has a fringe of Type 7 hardwood swamp (PFO1D). Soils were saturated to the surface at the location of test pit TB_W1 and water rose in the borehole to within 6 inches of the surface meeting the A2 and A3 primary hydrology indicators. Both the D2 and D5 secondary hydrology



indicators were also met at that location. Soils at the location of test pit TB_W1 were organic in the upper part with a depleted matrix below meeting the A11 and S1 hydric soils indicators. Once again, the wetland boundary follows topography.

3.2.3 Wetland C

Wetland C was mapped on the NWI as a complex of hardwood and coniferous forest (PFO1D/PFO2Dg) and scrub shrub carr (PSS1D) and that classification appears appropriate for most of the basin. At the location of test pit TC_W1, the basin is more of a Type 3 shallow marsh (PEM1C). Soils at the location of test pit TC_W1 were organic to a depth of 20 inches meeting the A1 hydric



soils indicator. Soils were saturated to the surface and water rose in the borehole to within 5 inches of the surface meeting the A2 and A3 primary hydrology indicators. Both the D2 and D5 secondary hydrology indicators were also met at that location. The wetland boundary generally follows topography.

Granite City Environmental

3.4

CONCLUSIONS November 4, 2023

3.2.4 Wetland D

Wetland D was not mapped as wetland on the NWI but is primarily a Type 3 shallow marsh (PEM1C). Parts of the basin are more forested, so PFO1A might also be appropriate. The basin is a sparsely vegetated concave surface meeting the B8 primary hydrology indicator. Both the D2 and D5 secondary hydrology indicators were also met at the location of test pit TD_W1. Soils at



the location of test pit TD_W1 had a depleted matrix below a dark surface layer meeting the A11, S1 and S5 hydric soils indicators. The basin once again strongly follows topography.

4.0 CONCLUSIONS

Four wetland areas were delineated at the property as described above. The wetland Line A runs along the shore of Elm Island Lake and the lake itself is a Public Water regulated by the DNR below the OHW elevation of 1227.8. Any peripheral wetland areas lying adjacent to the lake and below that OHW elevation are part of the lakebed. The inclusion of the lake and any peripheral wetland areas below the OHW elevation of the lake as wetland in this wetland delineation report is not intended to extend regulatory authority to any wetland program beyond the DNR's. We recommend that the DNR be consulted to determine the extent of their jurisdictional authority regarding the lake and any peripheral wetland lying below the OHW elevation of the lake.

The findings of this wetland delineation report are only valid for the site conditions which existed at the time of this investigation. Findings are subject to revision based upon natural or induced changes in weather, vegetation management, land use, topography, surface water flow, subsurface drainage, and stormwater management, within or near the project site which may affect the soils, hydrology, or vegetative community on the project site.

Granite City Environmental

REFERANCES November 4, 2023

5.0 REFERANCES

Aitkin County Interactive Map, https://gisweb.co.aitkin.mn.us/link/wab/

Eggers and Reed, 1987. Wetland Plants and Plant Communities of Minnesota & Wisconsin. U.S. Army Corp of Engineers, St. Paul District.

Environmental Laboratory. (1987). "Corps of Engineers Wetlands Delineation Manual," Technical Report Y-87-1, U.S. Army Engineer Waterways Experiment Station, Vicksburg, Miss.

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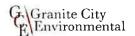
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U.S. Army Corps of Engineers 2020. National Wetland Plant List, version 3.4 http://wetland-plants.usace.army.mil/ U.S. Army Corps of Engineers Engineer Research and Development Center Cold Regions Research and Engineering Laboratory, Hanover, NH

USDA Natural Resource Conservation Service, 2018. Field Indicators of Hydric Soils in the United States V8.2.

USDA Natural Resource Conservation Service. Official Soil Series Descriptions. http://ortho.ftw.nrcs.usda.gov/cgi-bin/osd/osdname.cgi



REFERANCES November 4, 2023

USDA Natural Resources Conservation Service, Soil Survey for Anoka County, On-line soils survey: http://websoilsurvey.nrcs.usda.gov/app/

U.S. Fish and Wildlife Service National Wetlands Inventory Wetlands Mapper http://www.fws.gov/wetlands/Wetlands-Mapper.html

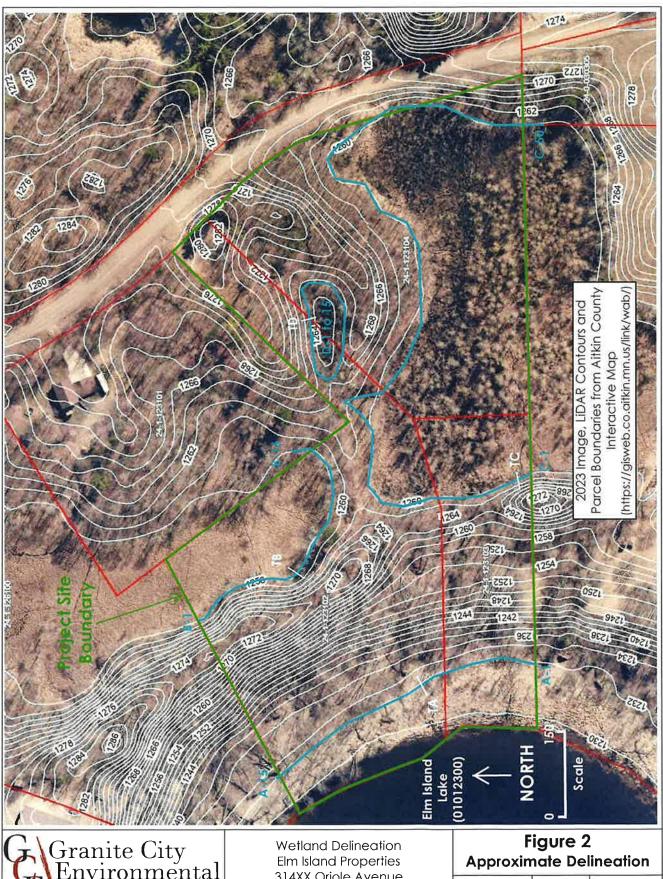
U.S. Geological Survey, Glen, Minnesota, 7.5 Minute Quadrangle Topographic Map, 1973



Figures







Granite City Environmental 320-253-541 | • clint@granitecityenv.com P.O. Box | 382, St. Cloud, MN 56302

314XX Oriole Avenue Aitkin, Minnesota

Date Job No. Scale 10/18/2024 24026 $1'' = \pm 150'$

Appendix A

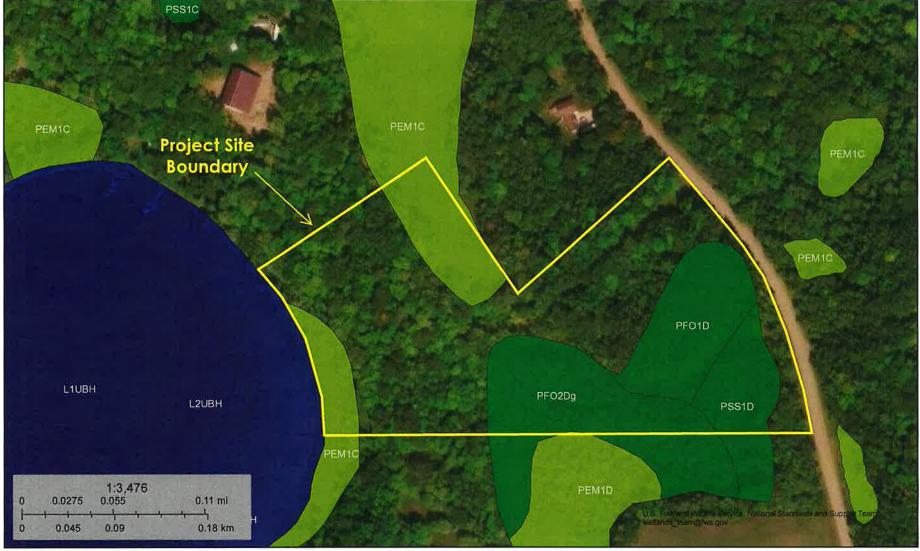
Off Site Survey Data





Wetland Delineation Elm Island Properties 314XX Oriole Avenue Aitkin, Minnesota





October 9, 2024

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland



Freshwater Emergent Wetland

Freshwater Pond



Lake

Freshwater Forested/Shrub Wetland

Other

Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.



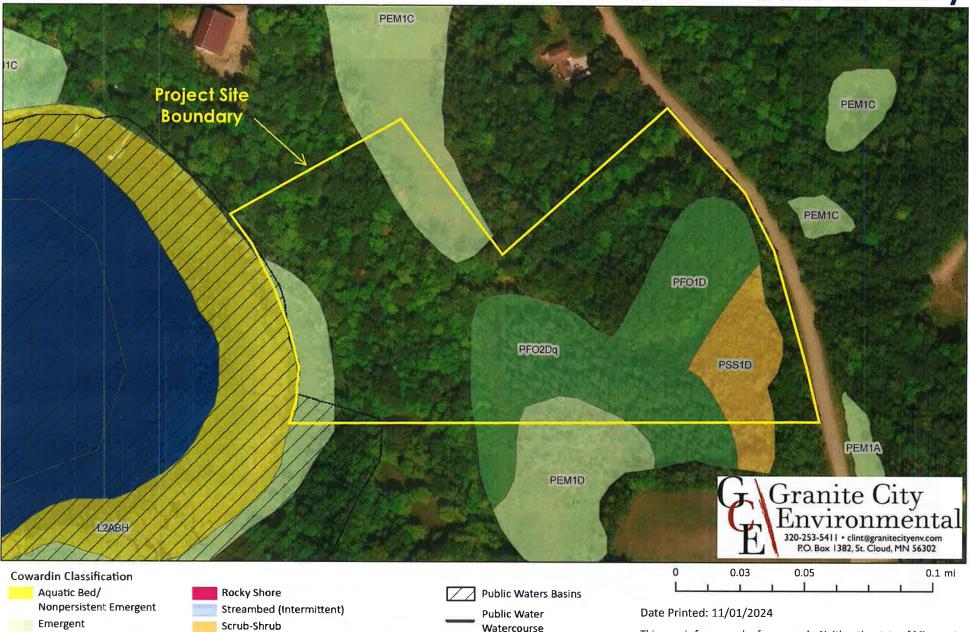
Forested

Moss/Lichen

Rock Bottom

Wetland Delineation Elm Island Properties 314XX Oriole Avenue Aitkin, Minnesota

National Wetland Inventory



Public Ditch/Altered

Natural Watercourse

Unconsolidated Bottom (Open Water)

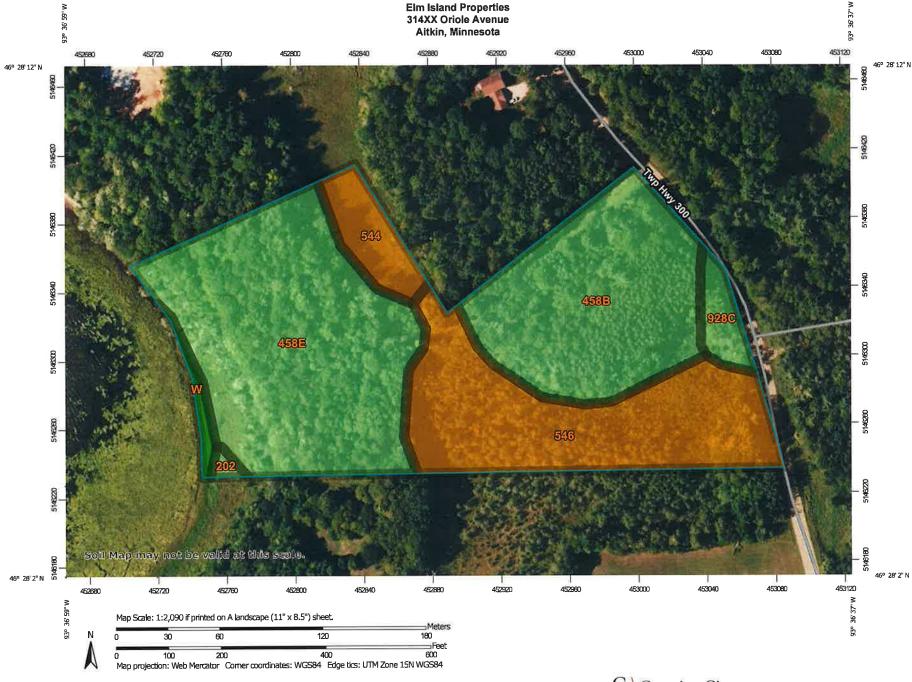
Unconsolidated Shore

(Banks & Sandbars)

This map is for general reference only. Neither the state of Minnesota nor the Minnesota Department of Natural Resources make any representations or warranties with respect to the use of or reliance on the data. There are no guarantees as to the accuracy, currency, completeness, suitability or reliability of this data for any purpose.

Hydric Rating by Map Unit—Aitkin County, Minnesota Wetland Delineation **Elm Island Properties**





MAP LEGEND MAP INFORMATION Area of Interest (AOI) Transportation The soil surveys that comprise your AOI were mapped at 1:20,000. Area of Interest (AOI) Rails Soils Interstate Highways Warning: Soil Map may not be valid at this scale. Soil Rating Polygons **US Routes** Enlargement of maps beyond the scale of mapping can cause Hydric (100%) misunderstanding of the detail of mapping and accuracy of soil Major Roads Hydric (66 to 99%) line placement. The maps do not show the small areas of Local Roads contrasting soils that could have been shown at a more detailed Hydric (33 to 65%) scale. Background Hydric (1 to 32%) Aerial Photography Please rely on the bar scale on each map sheet for map Not Hydric (0%) measurements. Not rated or not available Source of Map: Natural Resources Conservation Service Web Soil Survey URL: Soil Rating Lines Coordinate System: Web Mercator (EPSG:3857) Hydric (100%) Maps from the Web Soil Survey are based on the Web Mercator Hydric (66 to 99%) projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Hydric (33 to 65%) Albers equal-area conic projection, should be used if more Hydric (1 to 32%) accurate calculations of distance or area are required. Not Hydric (0%) This product is generated from the USDA-NRCS certified data as of the version date(s) listed below. Not rated or not available Soil Survey Area: Aitkin County, Minnesota Soil Rating Points Survey Area Data: Version 25, Sep 7, 2024 Hydric (100%) Soil map units are labeled (as space allows) for map scales Hydric (66 to 99%) 1:50,000 or larger. Hydric (33 to 65%) Date(s) aerial images were photographed: Jul 13, 2021—Aug Hydric (1 to 32%) 14, 2021 The orthophoto or other base map on which the soil lines were Not Hydric (0%) compiled and digitized probably differs from the background Not rated or not available imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident. **Water Features** Streams and Canals



Hydric Rating by Map Unit

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
202	Meehan loamy sand	8	0.1	0.4%
458B	Menahga loamy sand, 1 to 6 percent slopes	6	3.1	26.4%
458E	Menahga loamy sand, 12 to 25 percent slopes	6	4.6	38.2%
544	Cathro muck	98	0.6	4.9%
546	Lupton muck	98	3.1	26.0%
928C	Cushing-Mahtomedi complex, 2 to 10 percent slopes	8	0.3	2.9%
W	Water	0	0.1	1.1%
Totals for Area of Inter	est		11.9	100.0%

Rating Options

Aggregation Method: Percent Present

Component Percent Cutoff: None Specified

Tie-break Rule: Lower



Appendix B

Wetland Determination Data Forms



Minnesota State Climatology Office

State Climatology Office - DNR Division of Ecological and Water Resources

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Precipitation Worksheet Using Gridded Database

Precipitation data for target wetland location:

county: Aitkin township number: 46N township name: Nordland range number: 26W nearest community: Glory section number: 15

Aerial photograph or site visit date:

Friday, October 18, 2024

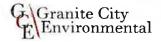
Score using 1991-2020 normal period

values are in inches A 'R' following a monthly total indicates a provisional value derived from radar-based estimates.	first prior month: September 2024	second prior month: August 2024	third prior month: July 2024
estimated precipitation total for this location: *0.36	-missing	4.06	3.95
there is a 30% chance this location will have less than:	2.01	2.36	3.35
there is a 30% chance this location will have more than:	4.02	4.19	5.19
type of month: dry normal wet dry	missing	normal	normal
monthly score $3 * 1 = 3$	-missing	2 * 2 = 4	1 * 2 = 2
multi-month score: 6 to 9 (dry) 10 to 14 (normal) 15 to 18 (wet)	9 dry	_missing	

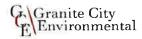
^{*} From Minnesota State Climatology Office Nearest Station Precipitation Data Retrieval

Other Resources:

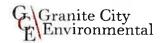
- retrieve daily precipitation data
- view radar-based precipitation estimates
- view weekly precipitation maps
- Evaluating Antecedent Precipitation Conditions (BWSR)



Project/Site: 24	<u>1-123104, 24-1-12310</u>	3 & 24-1-123102 City/County:	Aikin	Sampling Date:	10/18/2024
Applicant/Owner:	Russell Sampson / Eli	m Island Properties, LLC	State: MN	N Sampling Po	oint: TA1-W1
	int Jordahl/Granite City		Section, To	ownship, Range: Sec.15 7	
	e, terrace, etc.): foot sl		ocal relief (co	ncave, convex, none):	concave
Slope (%): 0 to 4		Long.: -93.61527	Datum		
Soil Map Unit Nam	neMenahga loamy sand	12 to 25 percent slopes		NWI Classification: PEN	11C
		te typical for this time of the year		(If no, explain in remarks	5)
Are vegetation			tly disturbed?		
Are vegetation	, soil, c		problematic?	circumstances" p	present? Yes
	n any answers in remark				
Antecedent precip	itation analysis indicate	climatic conditions are Dry.			
SUMMARY OF	FINDINGS				
Hydrophytic vegeta	ation present?	V Is the sample	nd area withi	in a wetland?	V
Hydric soil present		Y Is the sample	eu area witiii	a wellanu?	Υ
	nd hydrology present?	Y If yes, options	al wetland site	e ID: A	
Domarke: /Evolain	alternative procedures	here or in a separate report.)			
Nemarks. (Explain	alternative procedures	nere or in a separate report.)			
HYDROLOGY					
				Sacandan Indiantera (m.	inimum of huo
Primary Indicators	(minimum of one is rea	uired; check all that apply)		Secondary Indicators (m required)	inimum of two
Surface Water		Water-Stained Leaves (B9)		Surface Soil Cracks (F	26/
High Water Tab	` '	Aquatic Fauna (B13)		Drainage Patterns (B1	
X Saturation (A3)		Marl Deposits (B15)		Moss Trim Lines (B16	,
Water Marks (B		Hydrogen Sulfide Odor (C1)	X Dry-Season Water Ta	,
Sediment Depo	· ·	Oxidized Rhizospheres on		Crayfish Burrows (C8)	
Drift Deposits (Roots (C3)	g	Saturation Visible on	
Algal Mat or Cru	ust (B4)	Presence of Reduced Iron	(C4)	—(C9)	ional imagory
Iron Deposits (E	35)	Recent Iron Reduction in Ti	lled	Stunted or Stressed P	lants (D1)
Inundation Visit	ole on Aerial	Soils (C6)		X Geomorphic Position	
Imagery (B7)		Thin Muck Surface (C7)		Shallow Aquitard (D3)	
Sparsely Veget	ated Concave	Other (Explain in Remarks)		X FAC-Neutral Test (D5	
Surface (B8)		.==.		Microtopographic Reli	ef (D4)
Field Observations					
Surface water pres		No X Depth (inches):	Indicators of	
Water table preser		No Depth (inches		wetland	
Saturation present		No Depth (inches):12	hydrology	
(includes capillary	fringe)			present?	Υ
Describe recorded	data (stream gauge, mo	onitoring well, aerial photos, pre	vious inspect	tions), if available:	
Domorko:					
Remarks:					



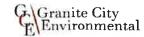
	ints			Sampling Point: TA1-W1
Tree Stratum Plot Size (30 ft) Quercus macrocarpa	Absolute % Cover 30	Dominant Species Y	Indicator Status FACU	50/20 Thresholds 20% 50% Tree Stratum 10 25 Sapling/Shrub Stratum 8 20
Acer saccharum	20	<u> </u>	FACU	Herb Stratum 20 50 Woody Vine Stratum 0 0
				Dominance Test Worksheet Number of Dominant Species that are OBL,
3	=		=	FACW, or FAC: 4 (A) Total Number of Dominant Species Across all Strata: 6 (B)
		Total Cover		Percent of Dominant Species that are OBL,
Sapling/Shrub Plot Size (15 ft) Stratum Plot Size (15 ft)	% Cover	Dominant Species	Indicator Status	FACW, or FAC:
Salix petiolaris Quercus macrocarpa Acer saccharum			FACU FACU	Prevalence Index Worksheet Total % Cover of: OBL species 30 x 1 = 30
Alnus incana Fraxinus pennsylvanica	5 5	N N	FACW FACW	FACW species 100 x 2 = 200 FAC species 0 x 3 = 0 FACU species 60 x 4 = 240
				UPL species $0 \times 5 = 0$ Column totals $190 \times 5 = 0$ Prevalence Index = B/A = 2.47×10^{-1}
-	40 =	Total Cover		Hydrophytic Vegetation Indicators:
Herb Stratum Plot Size (5 ft) Carex sp. Calamagrostis canadensis Osmunda cinnamomea Carex lacustris	Absolute % Cover 50 20 20 10	Dominant Species Y Y Y N	Indicator Status FACW OBL FACW OBL	Rapid test for hydrophytic vegetation X Dominance test is >50% X Prevalence index is ≤3.0* Morphogical adaptations* (provide supporting data in Remarks or on a separate sheet) Problematic hydrophytic vegetation* (explain) *Indicators of hydric soil and wetland hydrology must i
				present, unless disturbed or problematic
				Definitions of Vegetation Strata: Tree - Woody plants 3 in. (7.6 cm) or more in diamete breast height (DBH), regardless of height.
				Sapling/shrub - Woody plants less than 3 in. DBH ar greater than 3.28 ft (1 m) tall.
<u> </u>	100 =		Ladianta	Herb - All herbaceous (non-woody) plants, regardless size, and woody plants less than 3.28 ft tall.
Woody Vine Stratum Plot Size ()	Absolute % Cover	Dominant Species	Indicator Status	Woody vines - All woody vines greater than 3.28 ft in height.
				Hydrophytic vegetation
	-	= Total Cover		present? Y



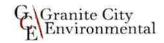
SOIL								Sampling Point: TA1-W1
Profile Des	cription: (Descr	ibe to th	e depth needed	to docu	ment the	indicate	or or confirm the abse	ance of indicators \
Depth	Matrix		Redox Features					
(Inches)	Color (moist)	%	Color (moist)	%	Type*	Loc**	Texture	Remarks
0-10	10YR 2/1	100			T		Sandy loam	
10-12	10YR 3/2	100					Loamy sand	
12-20	10YR 3/2	90	10YR 5/8	10	C		Loamy sand	
					-			
								+
								+
*Type: C=C	oncentration, D	=Depleti	on, RM=Reduce	d Matri	x. CS=C	overed o	r Coated Sand Grains	s
**Location:	PL=Pore Lining	M=Mat	rix	137 24 174				
Hydric Soi	Indicators:						Indicators for Pr	oblematic Hydric Soils:
Hyde Stra X Dep Thic San San San Strip Dari		5) rk Sufac (A12) ral (S1) ix (S4)) LRR R,	Thir(LR	n Dark S R R, MI my Muc R K, L) my Gley leted M ox Dark leted D ox Dep	yed Matri latrix (F3 k Surface ark Surfa ressions	S9) B ral (F1) ix (F2)) e (F6) ace (F7) (F8)	5 cm Mucky F Dark Surface Polyvalue Bel Thin Dark Sur Iron-Mangane Piedmont Floo Mesic Spodic Red Parent M	Dark Surface (TF12) n in Remarks)
Restrictive L	ayer (if observe	q).						
Туре:	, (-,.					Hydric soil pres	ent? Y
Depth (inche	es):						rijama dan prod	4
Remarks:								



Project/Site: 24-1-123104, 24-1-123103 & 2	24-1-123102 City/County:	Aikin	Sampling Date: <u>10/18</u>	/2024
Applicant/Owner: Russell Sampson / Elm Isl	and Properties, LLC	State: MN	Sampling Point:	TA1-U1
Investigator(s): Clint Jordahl/Granite City Envi	ronmental	Section, Township	, Range: Sec.15 T46N,	R26W
Landform (hillslope, terrace, etc.): Shoulder			convex, none): conve	
Slope (%): 0 to 4 Lat.: 46.46873	Long.: -93.61527	Datum		
Soil Map Unit Name Menanga loamy sand 12 to	25 percent slopes	NWI C	Classification: PEM1C	
Are climatic/hydrologic conditions of the site ty			explain in remarks)	
	drologysignificantl		Are "normal	
Are vegetation , soil , or hy		roblematic?	circumstances" prese	nt? Yes
(If needed, explain any answers in remarks)		Toble Hatio.	onounitation proces	
Antecedent precipitation analysis indicate clim	atic conditions are Dry			
, intoodes in prospitation analysis indicate simil	and contained are Bry.			
SUMMARY OF FINDINGS				
Hydrophytic vegetation present?	N Is the sample	d area within a we	tland? N	
Hydric soil present?	N I		-	-
Indicators of wetland hydrology present?	N If ves. optional	wetland site ID:	Α	
maiodoro or wedana nyarology present:	ii yes, spasia	wotand site ib.		
Remarks: (Explain alternative procedures here	or in a separate report.)			
()				
		0.0		
HYDROLOGY				
		Secon	ndary Indicators (minimu	m of two
Primary Indicators (minimum of one is required	; check all that apply)	require	ed)	
Surface Water (A1)	Water-Stained Leaves (B9)		urface Soil Cracks (B6)	
High Water Table (A2)	Aquatic Fauna (B13)	_{Dr}	rainage Patterns (B10)	
Saturation (A3)	Marl Deposits (B15)		oss Trim Lines (B16)	
Water Marks (B1)	Hydrogen Sulfide Odor (C1)		ry-Season Water Table (C	(2)
Sediment Deposits (B2)	Oxidized Rhizospheres on L		rayfish Burrows (C8)	,
Drift Deposits (B3)	Roots (C3)		aturation Visible on Aerial	Imagery
Algal Mat or Crust (B4)	Presence of Reduced Iron (9)	ago.y
Iron Deposits (B5)	Recent Iron Reduction in Till	· — `	unted or Stressed Plants	(D1)
Inundation Visible on Aerial	Soils (C6)		eomorphic Position (D2)	(5.)
Imagery (B7)	Thin Muck Surface (C7)		nallow Aquitard (D3)	
Sparsely Vegetated Concave	Other (Explain in Remarks)		AC-Neutral Test (D5)	
Surface (B8)	- Other (Explain in Remarks)		icrotopographic Relief (D4	۸۱ ا
Surface (Bo)		IVII	crotopograpilic Retier (D-	* [']
Field Observations:				
	No X Depth (inches)		Indicators of	
	No X Depth (inches)		wetland	
· —	No X Depth (inches)		hydrology	
(includes capillary fringe)	Deptil (inches)		present? N	
(includes capillary intige)			present: 14	-
Describe recorded data (stream gauge, monito	ring well aerial photos, prev	vious inspections) i	f available	
Describe recorded data (stream gauge, monito	ing well, aerial photos, pre-	vious irispections), i	i avallable.	
Remarks:				



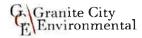
Absolute			
	Dominant	Indicator	20% 50%
% Cover	Species	Status	Tree Stratum 10 25
40	Y	FACU	Sapling/Shrub Stratum 6 15
10	Y	FACU	Herb Stratum 10 25
-			Woody Vine Stratum 0 0
			Dominance Test Worksheet
			Number of Dominant
			Species that are OBL,
-			FACW, or FAC: 1 (A)
			Total Number of Dominant
			Species Across all Strata: 7 (B)
50	= Total Cover		Percent of Dominant
			Species that are OBL,
Absolute	Dominant	Indicator	FACW, or FAC: 14.29% (A/I
% Cover	100		11,2070
10	100		Prevalence Index Worksheet
			Total % Cover of:
	'_	FACO	OBL species 0 x 1 = 0
			FACW species 15 x 2 = 30 FAC species 0 x 3 = 0
-			FACU species 95 x 4 = 380
			UPL species 20 x 5 = 100
			Column totals 130 (A) 510 (B)
			Prevalence Index = B/A = 3.92
	-		Trevalence index = B/A = 0.92
30	= Total Cover		
			Hydrophytic Vegetation Indicators:
Absolute	Dominant	Indicator	Rapid test for hydrophytic vegetation
% Cover	Species	Status	Dominance test is >50%
	Y	UPL	Prevalence index is ≤3,0*
		FACU	Morphogical adaptations* (provide
			supporting data in Remarks or on a
			separate sheet)
			Problematic hydrophytic vegetation*
5	N	FACU	(explain)
			*Indicators of hydric soil and wetland hydrology must I
			present, unless disturbed or problematic
			Definitions of Vegetation Strata:
			_
: 			Tree - Woody plants 3 in. (7.6 cm) or more in diamete breast height (DBH), regardless of height
	-		Sapling/shrub - Woody plants less than 3 in, DBH an greater than 3.28 ft (1 m) tall.
50	= Total Cover		~
			Herb - All herbaceous (non-woody) plants, regardless
Absolute	Dominant	Indicator	size, and woody plants less than 3.28 ft tall.
% Cover	Species	Status	Woody vines - All woody vines greater than 3,28 ft in
: :			height
·			
	-		
			Hydrophytic
	-		vegetation
0 :	 Total Cover 		present? N
	Absolute % Cover 10 10 10 10 10 10 10 10 10 10 10 10 10	Absolute % Cover Species 10	Absolute Dominant Indicator Species Status



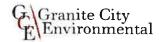
SOIL							Sa	mpling Point:	TA1-U1	
Profile Desc	cription: (Descr	ibe to th	e depth needed	to docu	ment the	indicate	or or confirm the absenc	e of indicators.)		
Depth	Matrix						Texture	Remarks		
(Inches)	Color (moist)	%	Color (moist)	%	Type*	Loc**				
0-6	10YR 3/2	100					Loamy sand	Soil and color a	re dry	
6-20	10YR 4/4	100					Sand			
					1					
		8								
				d Matri	x, CS=C	overed	or Coated Sand Grains			
	PL=Pore Lining	, M=Mat	rix				Indicators for Drob	blomatic Uvdria C	ollo:	
Hydric Soil	Indicators:						Indicators for Prot	Diemanc Hyunc S	Olis;	
Histisol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A4) Stratified Layers (A5) Depleted Below Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Sandy Redox (S5) Sandy Redox (S5) Dark Surface (S7) Depleted Dark Surface (S6) Sandy Redox (S5) Dark Surface (S7) Depleted Dark Surface (S7) Depleted Dark Surface (F6) Dark Surface (S7) Depleted Dark Surface (F8) Sandy Redox (S5) Depleted Dark Surface (F8) Dark Surface (S7) Depleted Dark Surface (F8) Dark Surface (F8) Dark Surface (F8) Depleted Dark Surface (F8) Dark									K, L, R) RR K, L, R) RR K, L) .) RR K, L, R) MLRA 149B) , 145, 149B)	
Restrictive Type: Depth (inch	Layer (if observe	ed):			-		Hydric soil prese	nt? <u>N</u>		
Remarks:										



	3 & 24-1-123102 City/County:	Aikin Sampling Date: 10/18/2024
Applicant/Owner: Russell Sampson / Elr	m Island Properties, LLC	State: MN Sampling Point: TB1-W1
Investigator(s): Clint Jordahl/Granite City I	Environmental	Section, Township, Range: Sec.15 T46N, R26W
Landform (hillslope, terrace, etc.): foot sl		ocal relief (concave, convex, none): linear
Slope (%): 0 to 1 Lat.: 46.46930		Datum:
Soil Map Unit NameCathro muck		NWI Classification: PEM1C
Are climatic/hydrologic conditions of the si		ar? No (If no, explain in remarks)
Are vegetation, soil, o	or hydrology significant	itly disturbed? Are "normal
Are vegetation, soil, o	or hydrologynaturally p	problematic? circumstances" present? Yes
(If needed, explain any answers in remark		· · · · · · · · · · · · · · · · · · ·
Antecedent precipitation analysis indicate		
SUMMARY OF FINDINGS		
	A.LA	
Hydrophytic vegetation present?	Y Is the sample	ed area within a wetland?
Hydric soil present?	Y	
Indicators of wetland hydrology present?	Y If yes, optiona	al wetland site ID:B
Remarks: (Explain alternative procedures	tion or line congrete report \	
Remarks: (Explain alternative procedures	nere or in a separate report.)	
HYDROLOGY		
		Secondary Indicators (minimum of two
Primary Indicators (minimum of one is requ	uired: check all that apply)	required)
X Surface Water (A1)	Water-Stained Leaves (B9)	
X High Water Table (A2)	Aquatic Fauna (B13)	Drainage Patterns (B10)
Saturation (A3)	Marl Deposits (B15)	Moss Trim Lines (B16)
Water Marks (B1)	Hydrogen Sulfide Odor (C1)	
Sediment Deposits (B2)	Oxidized Rhizospheres on L	
Drift Deposits (B3)	Roots (C3)	Saturation Visible on Aerial Imagery
Algal Mat or Crust (B4)	Presence of Reduced Iron ((C4) (C9)
Iron Deposits (B5)	Recent Iron Reduction in Til	
Inundation Visible on Aerial	Soils (C6)	X Geomorphic Position (D2)
Imagery (B7)	Thin Muck Surface (C7)	Shallow Aquitard (D3)
Sparsely Vegetated Concave	Other (Explain in Remarks)	
Surface (B8)		Microtopographic Relief (D4)
Field Observations:		
Surface water present? Yes	No X Depth (inches)	indicators of
Water table present? Yes X	No Depth (inches)	
Saturation present? Yes X	No Depth (inches)	
(includes capillary fringe)	=	present? Y
Describe recorded data (stream gauge, mo	onitoring well, aerial photos, pre-	vious inspections), if available:
	-	
Remarks:		



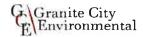
	ientific names	oi pian	15			Sampling Point: TB1-W1
			2255552000		(Umouga-charle)	50/20 Thresholds
Tree Stratum Plo	t Size (30 f	t)	Absolute	Dominant	Indicator	20% 50%
		- /	% Cover	Species	Status	Tree Stratum 10 25
Quercus rubra			30	Υ	FACU	Sapling/Shrub Stratum 6 15
Fraxinus pennsylvanio	ca		20		FACW	Herb Stratum 20 50
						Woody Vine Stratum 0 0
			-			Dominance Test Worksheet
						Number of Dominant
						I .
						Species that are OBL,
						FACW, or FAC: 4 (A)
						Total Number of Dominant
						Species Across all Strata:7 (B)
			50	 Total Cover 		Percent of Dominant
						Species that are OBL,
Sapling/Shrub			Absolute	Dominant	Indicator	FACW, or FAC: 57.14% (A/I
Stratum	t Size (15 f	t)	% Cover	Species	Status	
Ostrya virginiana			10	Y	FACU	Prevalence Index Worksheet
Fraxinus pennsylvanio	ca		10	Y	FACW	Total % Cover of:
Acer saccharum			10		FACU	OBL species 70 x 1 = 70
						FACW species 60 x 2 = 120
						FAC species 0 x 3 = 0
						FACU species 50 x 4 = 200
		_	-	-	, 	UPL species 0 x 5 = 0
			-			
						(-)
						Prevalence Index = B/A = 2.17
			-	-		
			30	Total Cover		
						Hydrophytic Vegetation Indicators:
Herb Stratum Plo	t Size (5 ft	١	Absolute	Dominant	Indicator	Rapid test for hydrophytic vegetation
rieib Stratum PIO	t Size (5 ft)	% Cover	Species	Status	X Dominance test is >50%
Carex lacustris			70	Y	OBL	X Prevalence index is ≤3.0*
Osmunda cinnamome	а		20	Y	FACW	Morphogical adaptations* (provide
Equisetum pratense			10	N	FACW	supporting data in Remarks or on a
						X separate sheet)
						Problematic hydrophytic vegetation*
-				-		(explain)
				-		1 — · · ·
					2	*Indicators of hydric soil and wetland hydrology must
						present, unless disturbed or problematic
			-			
						Definitions of Vegetation Strata:
						Tree - Woody plants 3 in /7.5 cm) or more in diameter
						Tree - Woody plants 3 in. (7.6 cm) or more in diameter breast height (DBH), regardless of height.
						broadt neight (DDH), regardless of fleight
						Sapling/shrub - Woody plants less than 3 in. DBH an
			-	-		greater than 3.28 ft (1 m) tall.
			100	Total Cover		g. z z z z z z z z z z z z z z z z z z z
			100	- Total Covel		Herb - All herbaceous (non-woody) plants, regardless
			Ab. 1.1	D		size, and woody plants less than 3.28 ft tall.
NA (Cine /)	Absolute	Dominant	Indicator	1
- PIOI	. SIZE (,	% Cover	Species	Status	Woody vines - All woody vines greater than 3,28 ft in
Woody Vine Plot Stratum	: Size (height
- PIOI	. Size (
- · PIN	. Size (
- · PIN	. Size (
- PIOI	. Size (***	,,	Lhudaa ahudia
Stratum	. Size (Hydrophytic
Stratum	. Size (vegetation
Stratum	. Size (= Total Cover		
Woody Vine Plot Stratum Plot	SIZE (0 :	= Total Cover		vegetation
Stratum Plot	mbers here or o	,		= Total Cover		vegetation
Stratum Piot	mbers here or o	,		= Total Cover		vegetation
Stratum Plot	mbers here or o	,		= Total Cover		vegetation
Stratum Plot	mbers here or o	,		= Total Cover		vegetation
Stratum Plot	mbers here or o	,		= Total Cover		vegetation
Stratum Plot	mbers here or o	,		= Total Cover		vegetation



SOIL				-				Sampling Point:	TB1-W1
Drofile Des	naistion: (Descri	to to th		· dog		-15-mh			
Depth	Matrix	De to u		to docu dox Fea		indicato	or or confirm the abser	nce of indicators.)	
(Inches)	Color (moist)	%	Color (moist)	% %	Type*	Loc**	Texture	Rem	narks
0-10	10YR 2/1	100			T		Sandy loam	mucky	
10-20	10YR 5/1	90	10YR 5/8				Loamy sand		
*Type: C=U	Concentration, D= PL=Pore Lining,	Deplet	ion, RM=Reduce	d Matri	x, CS=C	overed o	or Coated Sand Grains	5	
	I Indicators:	IVI-IVIa	rix				Indicators for Dr	Internation Unidate	A 11 .
liyana 22	/ Indiodeo. J.						Indicators for ca	oblematic Hydric	; Soils:
Hissi Black Hyde Strack X Dep Thick X San San San Strip Dari 149	of hydrophytic ve	.4) ii) ik Suface (A12) al (S1) x (S4) _RR R,	— (S8) Thin (LRI Loar Dep Red Dep Red MLRA) (LRR n Dark S R R, MI my Muc R K, L) my Gle pleted M dox Dark loted D dox Dep	eyed Matri Matrix (F3) k Surface Dark Surfa pressions	A 149B) (S9) 9B eral (F1) rix (F2) 3) e (F6) ace (F7) s (F8)	Coast Prairie 5 cm Mucky P Dark Surface Polyvalue Bele Thin Dark Sur Iron-Mangane Piedmont Floc Mesic Spodic Red Parent Me	Dark Surface (TF1 n in Remarks) problematic	R K, L, R) (LRR K, L, R) LRR K, L) (, L) (LRR K, L, R)) (MLRA 149B) 14, 145, 149B)



Project/Site: 24-1-123104, 24-1-123103	3 & 24-1-123102 City/County:	Aikin Sa	mpling Date: 10/18/2024
Applicant/Owner: Russell Sampson / Elr		State: MN	Sampling Point: TB1-U1
Investigator(s): Clint Jordahl/Granite City		Section, Township, Ra	nge: Sec.15 T46N, R26W
Landform (hillslope, terrace, etc.): Should	der Lo	cal relief (concave, conv	ex, none): Convex
Slope (%): 0 to 1 Lat.: 46.46930	Long.: -93.61451	Datum:	
Soil Map Unit NameMenahga loamy sand	12 to 25 percent slopes	NWI Class	ification: PEM1C
Are climatic/hydrologic conditions of the si	te typical for this time of the yea	r? No (If no, expla	ain in remarks)
		ly disturbed? Are	e "normal
Are vegetation, soil,	r hydrologynaturally r	roblematic? circ	cumstances" present? Yes
(If needed, explain any answers in remark	,		
Antecedent precipitation analysis indicate	climatic conditions are Dry.		
SUMMARY OF FINDINGS			
Lludranhutia vanatatian arasant?	N le the comple		IO N
Hydrophytic vegetation present?	N Is the sample	d area within a wetland	1? <u>N</u>
Hydric soil present?		Lucational alta ID.	Б
Indicators of wetland hydrology present?	N If yes, optiona	l wetland site ID:	B
Remarks: (Explain alternative procedures	here or in a separate report)		
Tremaine. (Explain alternative procedures	nere of in a separate report.		
			-
HYDROLOGY			
		Secondary	Indicators (minimum of two
Primary Indicators (minimum of one is requi	uired; check all that apply)	required)	
Surface Water (A1)	Water-Stained Leaves (B9)	Surface	e Soil Cracks (B6)
High Water Table (A2)	Aquatic Fauna (B13)	Drainag	ge Patterns (B10)
Saturation (A3)	Marl Deposits (B15)	Moss T	rim Lines (B16)
Water Marks (B1)	Hydrogen Sulfide Odor (C1)		ason Water Table (C2)
Sediment Deposits (B2)	Oxidized Rhizospheres on I	_iving Crayfisl	h Burrows (C8)
Drift Deposits (B3)	Roots (C3)	Saturat	ion Visible on Aerial Imagery
Algal Mat or Crust (B4)	Presence of Reduced Iron (C4) (C9)	
Iron Deposits (B5)	Recent Iron Reduction in Ti	ledStunted	d or Stressed Plants (D1)
Inundation Visible on Aerial	Soils (C6)		rphic Position (D2)
Imagery (B7)	Thin Muck Surface (C7)		v Aquitard (D3)
Sparsely Vegetated Concave	Other (Explain in Remarks)		eutral Test (D5)
Surface (B8)		Microto	pographic Relief (D4)
Field Observations:			
Surface water present? Yes	No X Depth (inches	٠. ا	dicators of
Water table present? Yes	No X Depth (inches		wetland
Saturation present? Yes	No X Depth (inches	(nydrology
(includes capillary fringe)	Deptil (illelies		present? N
(molades capillary fillige)			
Describe recorded data (stream gauge, me	onitoring well, aerial photos. pre	vious inspections), if ava	ilable:
J	,,,,,,,,		
Remarks:			



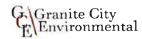
	se scientific n	arnes or p	iants			Sampling Point:	TB1-U1
Tree Stratum Quercus rubra	Plot Size (30 ft) Absolute % Cover	Dominant Species	Indicator Status	Tree Stratum	0% 50% 16 40
Acer saccharum	1		20	<u>Y</u> Y	FACU FACU	Herb Stratum	8 20 9 23 0 0
						Dominance Test Worksheet Number of Dominant	
						Species that are OBL, FACW, or FAC: Total Number of Dominant	0 (A)
			80	= Total Cover		Species Across all Strata: Percent of Dominant Species that are OBL,	7(B)
Sapling/Shrub Stratum Ostrya virginiani	Plot Size (15 ft) Absolute % Cover 20	Dominant Species Y	Indicator Status FACU		0,00% (A/B
Acer saccharum			20	<u> </u>	FACU	Prevalence Index Worksheet Total % Cover of: OBL species 0 x 1 = FACW species 5 x 2 = FAC species 0 x 3 = FACU species 140 x 4 =	0 10 0 560
			40	= Total Cover		UPL species 20 x 5 = Column totals 165 (A)	100 670 4.06
Herb Stratum Carex pensylvar Ostrya virginiana	9	5 ft	Absolute % Cover 20 10	Dominant Species Y	Indicator Status UPL FACU	Hydrophytic Vegetation Indicate Rapid test for hydrophytic vortice Dominance test is >50% Prevalence index is ≤3.0* Morphogical adaptations* (p	egetation
Acer saccharum Equisetum prate			10 5	Y N	FACU FACW	supporting data in Remarks separate sheet) Problematic hydrophytic veg (explain) Indicators of hydric soil and wetland hydresent, unless disturbed or problematic	or on a getation* ydrology must be
						Definitions of Vegetation Strat Tree - Woody plants 3 in. (7,6 cm) or m breast height (DBH), regardless of height	ore in diameter
			45	Total Cover		Sapling/shrub - Woody plants less tha greater than 3,28 ft (1 m) tall.	n 3 in, DBH and
Woody Vine Stratum	Plot Size (Absolute % Cover	Dominant Species	Indicator Status	Herb - All herbaceous (non-woody) pla size, and woody plants less than 3,28 f Woody vines - All woody vines greater height.	t tall.
			===			Hydrophytic	



SOIL								Sampling Point:	TB1-U1
Profile Des	cription: (Descri	be to the	e depth needed t	to docu	ment the	indicato	or or confirm the abso	ence of indicators.)	
Depth (Inches)	Matrix Color (moist)	%	Red Color (moist)	ox Feat %	tures Type*	Loc**	Texture	Rem	arks
0-6	10YR 3/3	100	00.07 (1		Loamy sand		
6-14	10YR 3/4	100					Loamy sand		
14-20	7.5YR 3/4	90	10YR 5/8	10	С	м	Loamy sand		
11,20	7.01740								
	oncentration, D PL=Pore Lining			d Matri	x, CS=C	overed o	or Coated Sand Grai	ns	
	Indicators:	, 101 101021	TIX.				Indicators for F	Problematic Hydric	Soils:
His Bla		A4) 5) rk Sufac (A12) ral (S1) rix (S4)	(S8 Thir (LR Loa ee (A11)(LR) (LRR n Dark S R R, Mi my Muc R K, L) my Gle bleted M dox Dark bleted D dox Dep	Surface (LRA 149 cky Mine yed Matrix (F3 k Surfac Park Surf pressions	A 149B) (S9) 9B eral (F1) rix (F2) 3) e (F6) face (F7) s (F8)	Coast Prairi 5 cm Mucky Dark Surfac Polyvalue B Thin Dark S Iron-Mangal Piedmont FI Mesic Spod Red Parent Very Shallon	(A10) (LRR K, L, MI e Redox (A16) (LRF Peat or Peat (S3) (e (S7) (LRR K, L elow Surface (S8) (I urface (S9) (LRR K nese Masses (F12) loodplain Soils (F19 ic (TA6) (MLRA 144 Material (F21) w Dark Surface (TF- ain in Remarks)	R K, L, R) LRR K, L, R) LRR K, L) , L) (LRR K, L, R)) (MLRA 149B) 4A, 145, 149B)
Restrictive Type: Depth (inch	Layer (if observe	ed):			-		Hydric soil pre	esent? N_	
Remarks:									



Project/Site: 24-1-123104, 24-1-123103	& 24-1-123102 City/County:	Aikin Sampling Date: 10/18/2	024			
Applicant/Owner: Russell Sampson / Elm	Island Properties, LLC		TC1-W1			
Investigator(s): Clint Jordahl/Granite City E	nvironmental	Section, Township, Range: Sec.15 T46N, F				
Landform (hillslope, terrace, etc.): Foot slo	ppe Lo	ocal relief (concave, convex, none): Concav	ie.			
Slope (%): 0 to 1 Lat.: 46.46844	Long.: -93.61403	Datum:				
Soil Map Unit Name Lupton muck		NWI Classification: PFO2Do				
Are climatic/hydrologic conditions of the site	typical for this time of the year	r? No (If no, explain in remarks)				
Are vegetation, soil, or		ly disturbed? Are "normal				
Are vegetation, soil, or	hydrology naturally p	roblematic? circumstances" present	? Yes			
(If needed, explain any answers in remarks)		120				
Antecedent precipitation analysis indicate cl	imatic conditions are Dry.					
SUMMARY OF FINDINGS						
SOMMANT OF FINDINGS						
Hydrophytic vegetation present?	V Is the sample	d area within a wetland?	ı			
Hydric soil present?	y is the sample	d area within a wetland?				
Indicators of wetland hydrology present?	V If was antique	invelled daily ID				
indicators of wettand hydrology present?	ii yes, optiona	wetland site ID:C				
Remarks: (Explain alternative procedures he	ere or in a separate report)					
	or an a populate roporti					
HYDBOLOCY						
HYDROLOGY						
Discondedical distance		Secondary Indicators (minimum	of two			
Primary Indicators (minimum of one is require		required)				
X Surface Water (A1)	Water-Stained Leaves (B9)	Surface Soil Cracks (B6)				
X High Water Table (A2)	Aquatic Fauna (B13)	Drainage Patterns (B10)				
Saturation (A3)	Marl Deposits (B15)		Moss Trim Lines (B16)			
Water Marks (B1)	Hydrogen Sulfide Odor (C1)	,)			
Sediment Deposits (B2) Drift Deposits (B3)	Oxidized Rhizospheres on L					
Algal Mat or Crust (B4)	Roots (C3)	Saturation Visible on Aerial In	nagery			
Iron Deposits (B5)	Presence of Reduced Iron (`` /				
Inundation Visible on Aerial	Recent Iron Reduction in Till		1)			
Imagery (B7)	Soils (C6) Thin Muck Surface (C7)	X Geomorphic Position (D2)				
Sparsely Vegetated Concave		Shallow Aquitard (D3)				
Surface (B8)	Other (Explain in Remarks)	X FAC-Neutral Test (D5)				
		Microtopographic Relief (D4)				
Field Observations:						
Surface water present? Yes	No X Depth (inches)	Indicators of				
Water table present? Yes X	No Depth (inches)					
Saturation present? Yes X	No Depth (inches)					
(includes capillary fringe)		present? Y				
Describe recorded data (stream gauge, mon	itoring well, aerial photos, prev	ious inspections), if available:				
	An account of the Valletia					
			- 1			
Downster						
Remarks:		-				



					50/20 Thresholds
Tree Stratum Plot Size (30 ft	Absolute	Dominant	Indicator	20% 50%
Tree Stratum Plot Size (30 IL	% Cover	Species	Status	Tree Stratum 16 40
I Acer saccharum		60	Υ	FACU	Sapling/Shrub Stratum 6 15
Fraxinus pennsylvanica		20	Y	FACW	Herb Stratum 20 50
Training pomisyrramia					Woody Vine Stratum 0 0
					Dominance Test Worksheet
					Number of Dominant
7					Species that are OBL,
					FACW, or FAC: 4 (A)
					Total Number of Dominant Species Across all Strata: 6 (B)
		80	= Total Cover		
		-	10101 00101		Percent of Dominant Species that are OBL,
Capling/Charb		Absolute	Dominant	Indicator	FACW, or FAC: 66.67% (A/B
Sapling/Shrub Plot Size (15 ft	% Cover		Status	PACVV, 01 FAC
			Species		F
Fraxinus pennsylvanica		20	Y	FACW_	Prevalence Index Worksheet
2Acer saccharum		10	Y	FACU	Total % Cover of:
3					OBL species 100 x 1 = 100
					FACW species40x 2 =80
5				,	FAC species 0 x 3 = 0
3					FACU species 70 x 4 = 280
7					UPL species 0 x 5 = 0
					Column totals 210 (A) 460 (B)
		-/			Prevalence Index = B/A = 2.19
		30	= Total Cover		
					Hydrophytic Vegetation Indicators:
Hart Ctrature Diet Sine (C 4	Absolute	Dominant	Indicator	Rapid test for hydrophytic vegetation
Herb Stratum Plot Size (5 ft	% Cover	Species	Status	X Dominance test is >50%
Carex lacustris		50	Y	OBL	X Prevalence index is ≤3.0*
Calamagrostis canadensis		40	Y	OBL	Morphogical adaptations* (provide
3 Typha latifolia		10	N	OBL	supporting data in Remarks or on a
1					separate sheet)
					Problematic hydrophytic vegetation*
<u> </u>					(explain)
7		=			*Indicators of hydric soil and wetland hydrology must b
3		-0: 1			present, unless disturbed or problematic
,					Definitions of Vegetation Strata:
2					Tree - Woody plants 3 in. (7.6 cm) or more in diameter breast height (DBH), regardless of height.
		-a -	-		
					Sapling/shrub - Woody plants less than 3 in. DBH and greater than 3.28 ft (1 m) tall.
		100	= Total Cover		
					Herb - All herbaceous (non-woody) plants, regardless
Woody Vine Plot Size (Absolute	Dominant	Indicator	size, and woody plants less than 3.28 ft tall.
Stratum Flot Size (% Cover	Species	Status	Woody vines - All woody vines greater than 3,28 ft in
		_0 2			height
2					
3					
1					Hydrophytic
5					vegetation
			= Total Cover	4	present? Y
emarks: (Include photo numbers he	re or on a se	parate sheet)			
emarks: (Include photo numbers he	re or on a se	parate sheet)			
emarks: (Include photo numbers he	ere or on a se	parate sheet)			
marks: (Include photo numbers he	ere or on a se	parate sheet)			
marks: (Include photo numbers he	ere or on a se	parate sheet)			



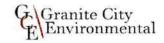
SOIL							Sa	ampling Point:	TC1-W1
Brofile Des	arintian: (Decar	ila ta th	- Joseph pooded	to door		- i-diest			
Depth	Matrix	ibe to tri		to docu dox Fea		Indicate	or or confirm the absenc	e of indicators.)	
(Inches)	Color (moist)	%	Color (moist)	% %	Type*	Loc**	Texture	Remark	(S
0-20	N 2/0	100			T		Muck		
							11		
					+			+	
					+ -			 	
					+ 7			-	
*Type: C=C	oncentration, D	=Depleti	ion, RM=Reduce	d Matr	ix, CS=C	overed c	or Coated Sand Grains		
**Location:	PL=Pore Lining,	, M=Mat	rix						
Hydric Soil	Indicators:						Indicators for Prol	blematic Hydric So	oils:
Hyd Stra Dep Thic San San San Strip Darl		5) rk Sufac (A12) ral (S1) ix (S4) LRR R,	(LRI Loar te (A11)(LRILoarDepRedDepRed	R R, M my Mud R K, L) my Gle bleted M dox Dari bleted D dox Dep	eyed Matri Matrix (F3 rk Surface Dark Surfa pressions	PB ral (F1) rix (F2) s) e (F6) ace (F7) i (F8)	Dark Surface (S Polyvalue Belov Thin Dark Surfa Iron-Manganese Piedmont Flood Mesic Spodic (1) Red Parent Mai	w Surface (S8) (LRF ace (S9) (LRR K, L) se Masses (F12) (LR dplain Soils (F19) (M TA6) (MLRA 144A, sterial (F21) bark Surface (TF12) in Remarks)	R K, L) RR K, L, R) ILRA 149B)
Restrictive L Type: Depth (inche	_ayer (if observe	ed):			-s		Hydric soil preser	nt? Y	
Remarks:									



Project/Site: 24-1-123104, 24-1-12310	3 & 24-1-123102 City/Co	ounty: <u>Aikin</u>		Sampling Date: 10	/18/2024	
Applicant/Owner: Russell Sampson / E	m Island Properties, LLC	State:	MN	Sampling Poin	t: TC1-U1	
Investigator(s): Clint Jordahl/Granite City		Section	n, Township, F	Range: Sec.15 T4	6N, R26W	
Landform (hillslope, terrace, etc.): Shou				nvex, none): Co		_
Slope (%): 0 to 1 Lat.: 46.46844		103 Da	tum:	_		_
Soil Map Unit Name Menahga loamy sand			NWI Clas	sification: PFO2I	Dq	
Are climatic/hydrologic conditions of the s		the year? No	- Control of the second second	plain in remarks)		
	or hydrologysig	nificantly disturb		re "normal		
		urally problema		circumstances" pre	esent? Ye	es.
(If needed, explain any answers in remark		arany problem		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		_
Antecedent precipitation analysis indicate	•	rv				
7 ancoodone proophation analysis maisace						
SUMMARY OF FINDINGS						
Lived-contesting process	N lo tho	sompled area w	ithin a watla	nd? N		
Hydrophytic vegetation present?		sampled area w	numi a wellai	- N		
Hydric soil present?	<u>N</u>					
Indicators of wetland hydrology present?	N If yes, o	optional wetland	site ID:	С		
Remarks: (Explain alternative procedures	here or in a separate rep	ort.)				\neg
						- 1
HYDROLOGY						
			Seconda	ry Indicators (min	imum of two	
Primary Indicators (minimum of one is red	juired; check all that apply	y)	required))		
Surface Water (A1)	Water-Stained Leav		Surfa	ice Soil Cracks (B6	i)	
High Water Table (A2)	Aquatic Fauna (B13)		age Patterns (B10)	
Saturation (A3)	Marl Deposits (B15)		Moss	Trim Lines (B16)		
Water Marks (B1)	Hydrogen Sulfide O	dor (C1)	Dry-S	Season Water Tabi	e (C2)	
Sediment Deposits (B2)	Oxidized Rhizosphe	res on Living	Cray	fish Burrows (C8)		
Drift Deposits (B3)	Roots (C3)		Satu	ration Visible on Ae	erial Imagery	
Algal Mat or Crust (B4)	Presence of Reduce	ed Iron (C4)	(C9)			
Iron Deposits (B5)	Recent Iron Reducti		Stunt	ed or Stressed Pla	ints (D1)	
Inundation Visible on Aerial	Soils (C6)		— Geor	norphic Position (D)2)	
Imagery (B7)	Thin Muck Surface ((C7)		ow Aquitard (D3)	,	
Sparsely Vegetated Concave	Other (Explain in Re			Neutral Test (D5)		
Surface (B8)		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		topographic Relief	(D4)	
				Kopograpino i tono	(2.)	
Field Observations:						7
Surface water present? Yes	No X Depth	(inches):		Indicators of		
Water table present? Yes		(inches):		wetland		
Saturation present? Yes		(inches):		hydrology		
(includes capillary fringe)	<u></u>			present?	N	
(ssoo sapsr) iiiigo)						
Describe recorded data (stream gauge, n	nonitoring well, aerial pho-	tos, previous ins	pections), if a	vailable:		_
Jacge,	J F1121		,			
Remarks:						_



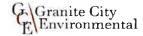
				50/20 Thresholds
Tree Stratum Piot Size (30 ft)	Absolute	Dominant	Indicator	20% 50%
,	% Cover	Species	Status	Tree Stratum 18 45
Acer saccharum	60	Y	FACU_	Sapling/Shrub Stratum 4 10
Quercus rubra	20	Y	FACU	Herb Stratum 6 15
Fraxinus pennsylvanica	10	N	FACW_	Woody Vine Stratum 0 0
				Daminana Tank Manlahant
				Dominance Test Worksheet
		-	-	Number of Dominant Species that are OBL,
				FACW, or FAC: 2 (A
		-		Total Number of Dominant
		-		Species Across all Strata: 6 (B
	90	= Total Cover		· · · · · · · · · · · · · · · · · · ·
				Percent of Dominant
Sapling/Shrub	Absolute	Dominant	Indicator	Species that are OBL, FACW, or FAC:33,33% (A
Stratum Plot Size (15 ft)	% Cover	Species	Status	FACW, or FAC: <u>33.33%</u> (A
Ostrya virginiana	10	Y		Drawalanaa Inday Markabaat
			FACU	Prevalence Index Worksheet
Acer saccharum	10	<u> </u>	FACU	Total % Cover of:
				OBL species 0 x 1 = 0
				FACW species 30 x 2 = 60
				FAC species 0 x 3 = 0 FACU species 110 x 4 = 440
				FACU species 110 x 4 = 440 UPL species 0 x 5 = 0
				Column totals 140 (A) 500 (B
				Prevalence Index = B/A = 3.57
				1 TOVAIGNOC INGEX - BIA - 3,31
	20	= Total Cover	-	
				Hydrophytic Vegetation Indicators:
Herb Stratum Plot Size (5 ft)	Absolute	Dominant	Indicator	Rapid test for hydrophytic vegetation
Herb Stratum Plot Size (5 ft)	% Cover	Species	Status	Dominance test is >50%
Dryopteris carthusiana	10	Y	FACW	Prevalence index is ≤3.0*
Equisetum pratense	10	Y	FACW	Morphogical adaptations* (provide
Acer saccharum	5	N	FACU	supporting data in Remarks or on a
Ostrya virginiana	5	N	FACU	separate sheet)
				Problematic hydrophytic vegetation*
				(explain)
				*Indicators of hydric soil and wetland hydrology mus
				present, unless disturbed or problematic
				Definitions of Vogetation Strate:
	====	-		Definitions of Vegetation Strata:
				Tree - Woody plants 3 in. (7.6 cm) or more in diame
		-		breast height (DBH), regardless of height
		*******		Sapling/shrub - Woody plants less than 3 in, DBH a
				greater than 3.28 ft (1 m) tall.
	30 =	Total Cover	**************************************	
				Herb - All herbaceous (non-woody) plants, regardles
Woody Vine Plot Size (Absolute	Dominant	Indicator	size, and woody plants less than 3,28 ft tall.
Stratum Plot Size (% Cover	Species	Status	Woody vines - All woody vines greater than 3,28 ft i
				height
				Hydrophytic
				vegetation
n	0 =	Total Cover		present? N
marks: (Include photo numbers here or on a separa	ate sheet)			71



SOIL								Sampling Point:	TC1-U1
		be to the				indicato	or or confirm the abser	nce of indicators.)	
Depth	Matrix	0.4		lox Feat			Texture	Rema	arks
(Inches)	Color (moist)	%	Color (moist)	<u> </u>	Type*	Loc**			
0-6	10YR 3/2	100			-		Loamy sand	Soil and color	are dry
6-18	10YR 4/4	100					Sand & gravel		
	oncentration, D PL=Pore Lining			ed Matrix	x, CS=C	overed o	or Coated Sand Grain	s	
	Indicators:	1910					Indicators for Pr	roblematic Hydric	Soils:
Histisol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A4) Stratified Layers (A5) Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Sandy Redox (S5) Depleted Dark Surface (F6) Sandy Redox (S5) Dark Surface (S7) (LRR R, MLRA 149R) Stratified Layers (A5) Depleted Below Dark Surface (A11) Depleted Matrix (F2) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Sandy Redox (S5) Depleted Dark Surface (F6) Dark Surface (S7) (LRR R, MLRA 149B) *Indicators of hydrophytic vegetation and weltand hydrology must be present, unless disturbed or problematic							R K, L, R) LRR K, L, R) LRR K, L) L) (LRR K, L, R) (LRR K, L, R) (MLRA 149B) A, 145, 149B)		
Restrictive I Type: Depth (inch	_ayer (if observe	ed):					Hydric soil pres	sent? N	
Remarks:									



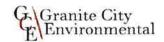
	03 & 24-1-123102 City/County:	Aikin Sampling Date: 10/18/20)24
Applicant/Owner: Russell Sampson / E	Im Island Properties, LLC	AND THE PROPERTY OF THE PROPER	D1-W1
Investigator(s): Clint Jordahl/Granite City	/ Environmental	Section, Township, Range: Sec.15 T46N, R2	26W
Landform (hillslope, terrace, etc.): Depr		ocal relief (concave, convex, none): Concave	
Slope (%): 0 to 1 Lat.: 46.46896		Datum:	
Soil Map Unit NameMenahga loamy san	d 1 to 6 percent slopes	NWI Classification: Upland	
Are climatic/hydrologic conditions of the	site typical for this time of the yea		
Are vegetation, soil,	or hydrology significant	tly disturbed? Are "normal	
Are vegetation, soil,	or hydrology naturally p	problematic? circumstances" present?	Yes
(If needed, explain any answers in remark			
Antecedent precipitation analysis indicate	e climatic conditions are Dry		
SUMMARY OF FINDINGS			
Hydrophytic vegetation present?	Y Is the sample	ed area within a wetland?	
Hydric soil present?	Y		
Indicators of wetland hydrology present?	Y If yes, optiona	Il wetland site ID:D	_
Remarks: (Explain alternative procedures	here or in a separate report.)		
HYDROLOGY			
		Secondary Indicators (minimum	
Primary Indicators (minimum of one is red	uired: check all that apply)	Secondary Indicators (minimum or required)	on two
Surface Water (A1)	Water-Stained Leaves (B9)	. ,	
High Water Table (A2)	Aquatic Fauna (B13)	Drainage Patterns (B10)	
Saturation (A3)	Marl Deposits (B15)	Moss Trim Lines (B16)	
Water Marks (B1)	Hydrogen Sulfide Odor (C1)		
Sediment Deposits (B2)	Oxidized Rhizospheres on L		
Drift Deposits (B3)	Roots (C3)	Saturation Visible on Aerial Ima	2000/
Algal Mat or Crust (B4)	Presence of Reduced Iron (зусту
Iron Deposits (B5)	Recent Iron Reduction in Till	`	1)
Inundation Visible on Aerial	Soils (C6)	X Geomorphic Position (D2)	'/
Imagery (B7)	Thin Muck Surface (C7)	Shallow Aquitard (D3)	
Sparsely Vegetated Concave	Other (Explain in Remarks)	X FAC-Neutral Test (D5)	
X Surface (B8)		Microtopographic Relief (D4)	
Field Observations:			
Surface water present? Yes	No X Depth (inches)	Indicators of	
Water table present? Yes	No X Depth (inches)		
Saturation present? Yes	No X Depth (inches)		
(includes capillary fringe)		present? Y	
Describe recorded data (stream gauge, m	onitoring well, aerial photos, prev	vious inspections), if available:	
Description			
Remarks:			



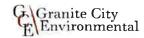
Tree Stratum 1 Ulmus americar 2 Fraxinus penns 4		30 ft	Absolute % Cover	Dominant Species	Indicator Status	20% 50% Tree Stratum 6 15
Fraxinus penns	na		% Cover	Species	Chalina	I Tree Stratum 6 15
Fraxinus penns			-	55-75-75-55-55-55		
	yıvanıca			Y	FACW	Sapling/Shrub Stratum 6 15
			10	Y	FACW	Herb Stratum 4 10
						Woody Vine Stratum 0 0
			-	-		D. C. T. Aller
						Dominance Test Worksheet
						Number of Dominant
						Species that are OBL,
						FACW, or FAC: 6 (A
-				-		Total Number of Dominant
			30	= Total Cover		Species Across all Strata: 6 (B
				- Total Cover		Percent of Dominant
Cooline/Charb			Value all vis	120000000000		Species that are OBL,
Sapling/Shrub Stratum	Plot Size (15 ft)	Absolute	Dominant	Indicator	FACW, or FAC: <u>100.00%</u> (A
			% Cover	Species	Status	
Fraxinus pennsy			20	Y	FACW	Prevalence Index Worksheet
Ulmus american	a		10	Y	FACW	Total % Cover of:
						OBL species 10 x 1 = 10
						FACW species 70 x 2 = 140
):	FAC species 0 x 3 = 0
						FACU species 0 x 4 = 0
			-/			UPL species 0 x 5 = 0
						Column totals 80 (A) 150 (B
						Prevalence Index = B/A = 1.88
			30 :	Total Cover		
						Hydrophytic Vegetation Indicators:
Herb Stratum	Plot Size (5 ft)	Absolute	Dominant	Indicator	Rapid test for hydrophytic vegetation
	1 101 0120 (on ,	% Cover	Species	Status	X Dominance test is >50%
Carex lacustris			10	Y	OBL	X Prevalence index is ≤3.0*
Carex sp.			10	Y	FACW	Morphogical adaptations* (provide
,						supporting data in Remarks or on a
						X separate sheet)
						Problematic hydrophytic vegetation*
				-		(explain)
						*Indicators of hydric soil and wetland hydrology must
				s ,		present, unless disturbed or problematic
			* = = =			Definitions of Vegetation Strata:
						Tree - Woody plants 3 in. (7.6 cm) or more in diamet
						breast height (DBH), regardless of height
						Sapling/shrub - Woody plants less than 3 in, DBH a
				Total Cover		greater than 3,28 ft (1 m) tall.
			-			Herb - All herbaceous (non-woody) plants, regardles
Woody Vine	Diot Sies /	0.40	Absolute	Dominant	Indicator	size, and woody plants less than 3 28 ft tall
Stratum	Plot Size ()	% Cover	Species	Status	Woody vines - All woody vines greater than 3,28 ft in
						height,
						Hydrophytic
						vegetation
			0 =	Total Cover		
				, otal oover		present? Y
narks: (Include phot	o numbers here	e or on a sen	arate sheet)			
ree trucks are bu						
	00000					



SOIL								Sampling Point: TD1-W1
		be to th				indicate	or or confirm the abser	nce of indicators.)
Depth	Matrix	0/		lox Feat		Loc**	Texture	Remarks
(Inches)	Color (moist)	%	Color (moist)	<u>%</u>	Type*	LOC	Laam	- musley
0-7	10YR 2/1	100	10YR 5/8	С	D.A.	Loam	mucky	
7-20	10YR 4/2	90	10113/6	10	C	М	Loamy sand	+
								-
					-			-
								+
								-
					-			
		-			-			
					ļ .			-
					ļ			
					-			
*Type: C=C	oncontration D	-Denlet	ion PM=Peduce	d Matri	x CS=C	overed	L or Coated Sand Grains	
	PL=Pore Lining			id Iviaui.	x, 00 -0	overea	or Coated Sand Grains	,
	I Indicators:						Indicators for Pr	oblematic Hydric Soils:
His Bla Hyo Stra X Dep Thi X Sar Sar X Sar M Stri Dal		A4) 5) rk Sufac (A12) ral (S1) ix (S4)) LRR R,	(S8 Thir (LR Loa) (LRR n Dark S R R, Mi my Muc R K, L) imy Gle bleted M dox Darf bleted D dox Dep	yed Mati Matrix (F3 k Surfac Park Surf Pressions	A 149B) (S9) (S9) (S9) (S1) (F1) (F2) (S1) (F2) (S2) (F6) (S3) (S4) (F7) (S5) (F8)	Coast Prairie 5 cm Mucky F Dark Surface Polyvalue Bel Thin Dark Sur Iron-Mangane Piedmont Flo Mesic Spodic Red Parent M Very Shallow	Dark Surface (TF12) n in Remarks)
Restrictive Type: Depth (inch	Layer (if observe	ed):			-8 -4:		Hydric soil pres	sent? Y
Remarks:								



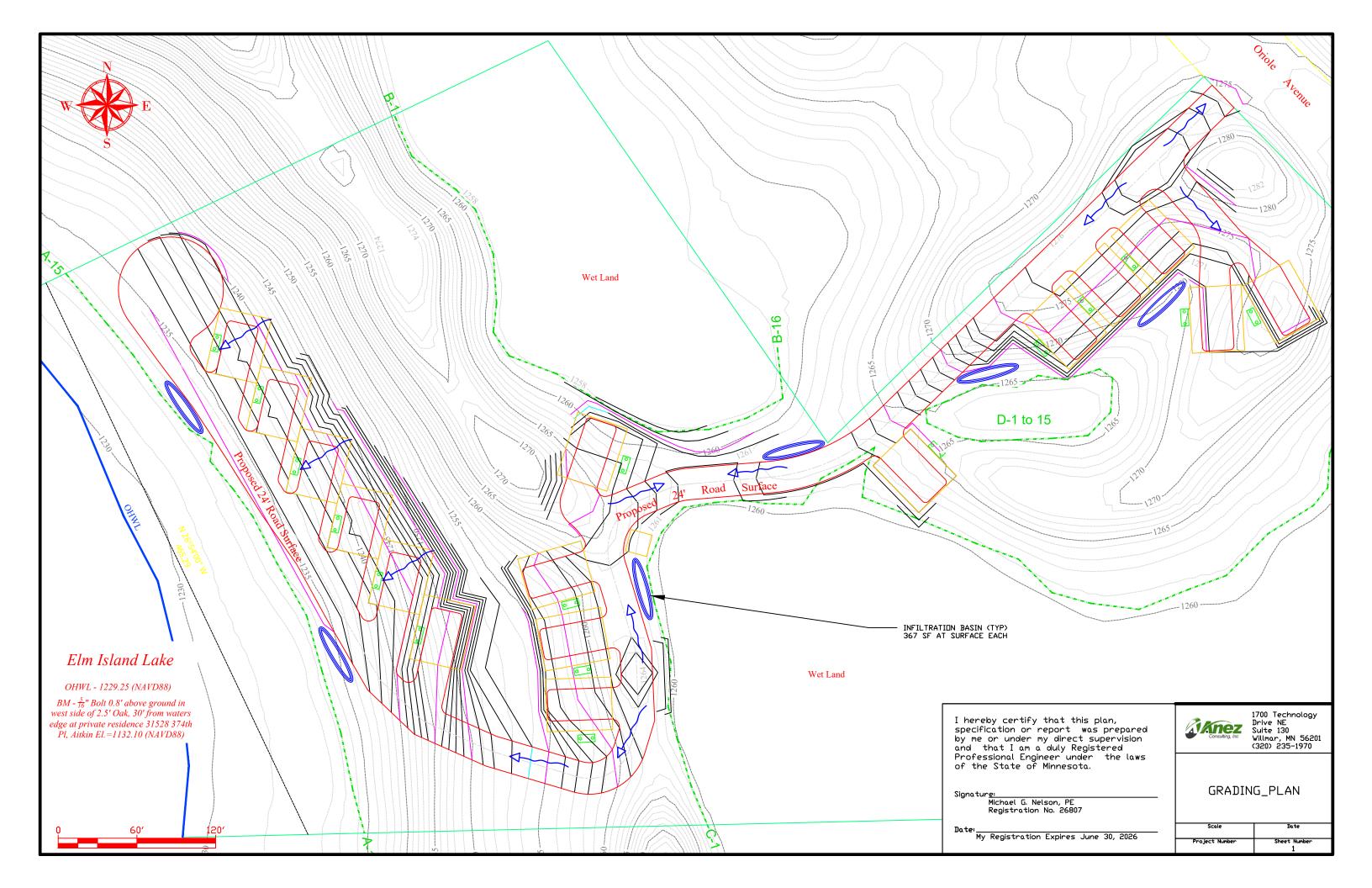
Project/Site: 24-1-123104, 24-1-12310	3 & 24-1-123102 City/County:	Aikin Sampling Date: 10/18/2024						
Applicant/Owner: Russell Sampson / Eli	m Island Properties, LLC	State: MN Sampling Point: TD1-U1						
Investigator(s): Clint Jordahl/Granite City		Section, Township, Range: Sec.15 T46N, R26W						
Landform (hillslope, terrace, etc.): Backs		ocal relief (concave, convex, none): Linear						
Slope (%): 0 to 5 Lat.: 46.46896	Long.: -93.61277	Datum:						
Soil Map Unit NameMenahga loamy sand		NWI Classification: Upland						
Are climatic/hydrologic conditions of the si	te typical for this time of the year	ar? No (If no, explain in remarks)						
Are vegetation , soil , c		tly disturbed? Are "normal						
		problematic? circumstances" present? Yes						
(If needed, explain any answers in remark								
Antecedent precipitation analysis indicate	climatic conditions are Dry.							
SUMMARY OF FINDINGS	SUMMARY OF FINDINGS							
Hudronbutio vogototion progent?	N Is the sample	ed area within a wetland?						
Hydrophytic vegetation present? Hydric soil present?	N Is the sample	ed area within a wetland:						
Indicators of wetland hydrology present?		al wetland site ID:						
Indicators of wettand flydrology present?	In yes, options	wettand site ib.						
Remarks: (Explain alternative procedures	here or in a separate report.)							
(3. (8. (9.)	,							
HYDROLOGY								
		Secondary Indicators (minimum of two						
Primary Indicators (minimum of one is req	uired: check all that apply)	required)						
Surface Water (A1)	Water-Stained Leaves (B9)	. ,						
High Water Table (A2)	Aquatic Fauna (B13)	Drainage Patterns (B10)						
Saturation (A3)	Marl Deposits (B15)	Moss Trim Lines (B16)						
Water Marks (B1)	Hydrogen Sulfide Odor (C1							
Sediment Deposits (B2)	Oxidized Rhizospheres on							
Drift Deposits (B3)	Roots (C3)	Saturation Visible on Aerial Imagery						
Algal Mat or Crust (B4)	Presence of Reduced Iron							
Iron Deposits (B5)	Recent Iron Reduction in T	illed Stunted or Stressed Plants (D1)						
Inundation Visible on Aerial	Soils (C6)	Geomorphic Position (D2)						
Imagery (B7)	Thin Muck Surface (C7)	Shallow Aquitard (D3)						
Sparsely Vegetated Concave	Other (Explain in Remarks)	FAC-Neutral Test (D5)						
Surface (B8)		Microtopographic Relief (D4)						
								
Field Observations:								
Surface water present? Yes	No X Depth (inches	0						
Water table present? Yes	No X Depth (inches							
Saturation present? Yes	No X Depth (inches							
(includes capillary fringe)		present? N						
Describe recorded data (stream gauge, m	onitoring well gorial photos are	evious inspections) if available:						
Describe recorded data (stream gauge, m	onitoring well, aerial priotos, pre	svious inspections), ii available.						
Remarks:								

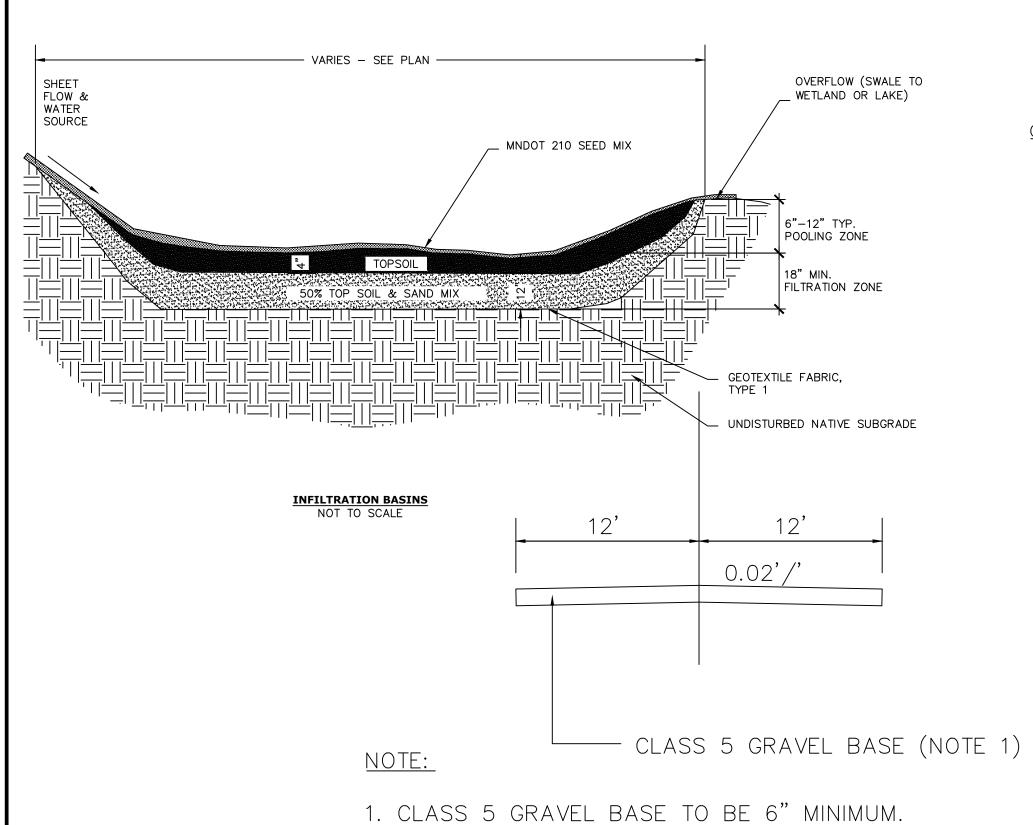


				50/20 Thresholds
Tree Stratum Plot Size (30 ft)	Absolute	Dominant	Indicator	20% 50%
	% Cover	Species	Status	Tree Stratum 16 40
Ulmus americana	20	. <u> </u>	FACW_	Sapling/Shrub Stratum 4 10
Fraxinus pennsylvanica	20	Y	FACW	Herb Stratum 12 30
Quercus macrocarpa	20	ΥΥ	FACU	Woody Vine Stratum 0 0
Quercus rubra	20	Y	FACU	
	0			Dominance Test Worksheet
				Number of Dominant
				Species that are OBL,
			·	FACW, or FAC: 2 (A)
				Total Number of Dominant
		×		Species Across all Strata: 8 (B)
	80	= Total Cover	_	Percent of Dominant
				Species that are OBL,
Sapling/Shrub Plot Size (45 ft)	Absolute	Dominant	Indicator	FACW, or FAC: 25.00% (A/
Stratum Plot Size (15 ft)	% Cover	Species	Status	
Ostrya virginiana	10	Y	EACH	Decusion of Indon Western
Pinus strobus	10	- T	FACU	Prevalence Index Worksheet
	10	<u> </u>	FACU_	Total % Cover of:
·				OBL species 0 x 1 = 0
				FACW species 40 x 2 = 80
				FAC species 0 x 3 = 0
				FACU species 100 x 4 = 400
·				UPL species 20 x 5 = 100
				Column totals 160 (A) 580 (B)
				Prevalence Index = B/A = 3.63
				
	20	= Total Cover		
			3 0 0	Hydrophytic Vegetation Indicators:
Herb Stratum Plot Size (5 ft)	Absolute	Dominant	Indicator	Rapid test for hydrophytic vegetation
	% Cover	Species	Status	Dominance test is >50%
Carex pensylvanica	20	Y	UPL	Prevalence index is ≤3,0*
Pteridium aquilinum	20	Y	FACU	Morphogical adaptations* (provide
Viola canadensis	10	N	FACU	supporting data in Remarks or on a
Tilia americana	5	N	FACU	separate sheet)
Thalictrum dioicum	5	N	FACU_	Problematic hydrophytic vegetation*
				(explain)
				*Indicators of hydric soil and wetland hydrology must l
				present, unless disturbed or problematic
				Definitions of Vegetation Strata:
				Trae Woody plants 2 in 47.0 1 :
				Tree - Woody plants 3 in. (7,6 cm) or more in diamete breast height (DBH), regardless of height.
				Sapling/shrub - Woody plants less than 3 in, DBH an
				greater than 3 28 ft (1 m) tall
	60	■ Total Cover		11-4 AUG-4
****			i i	Herb - All herbaceous (non-woody) plants, regardless
Noody Vine Plot Size (Absolute	Dominant	Indicator	size, and woody plants less than 3,28 ft tall,
Stratum	% Cover	Species	Status	Woody vines - All woody vines greater than 3,28 ft in
				height
				Hydrophytic
,				vegetation
	0 :	Total Cover		
		TOTAL COVE		present? NN
arks: (Include photo numbers here or on a separa	ate sheet\			
and the state of t	ato directy			



SOIL							Sa	ampling Point: TD1-U1		
Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)										
Depth (Inches)	Depth Matrix		Red Color (moist)	dox Feat %	tures Type*	Loc**	Texture	Remarks		
0-8	10YR 3/4	100	7		T		Loam	Soil and color are dry		
8-14	10YR 4/4				1	\vdash	Loamy sand	don and dolor and any		
14-20	10YR 4/4	90	10YR 5/8	10	С	М	Loamy sand & gravel			
17 20	1011(7/7	30	1011370	10	┯	IV	Luaniy Sanu o grave			
					+-	\vdash				
					+	\vdash				
		\vdash			+	\vdash				
		-			 	$\vdash \vdash \vdash$				
				$\overline{}$	+	\vdash				
				\vdash	 					
					\vdash	\vdash				
					\vdash					
*Type: C=C	oncentration, D= PL=Pore Lining,	=Deplet	ion, RM=Reduce	ed Matri	x, CS=C	overed o	or Coated Sand Grains			
	I Indicators:	IVI-IVIAL	пх				Indicators for Prob	blematic Hydric Soils:		
Hist Blac Hyd Stra Dep Thid San San Strij Dar	Histisol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A4) Stratified Layers (A5) Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Sandy Redox (S5) Sandy Redox (S5) Depleted Dark Surface (S7) Stripped Matrix (S6) Dark Surface (S7) Depleted Dark Surface (F8) Stripped Matrix (S6) Dark Surface (S7) Polyvalue Below Surface (A10) Loamy Mucky Mineral (F1) Depleted Matrix (F2) Sandy Mucky Mineral (S1) Depleted Dark Surface (F8) Dark Surface (F8) Redox Depressions (F8) *Indicators of hydrophytic vegetation and weltand hydrology must be present, unless disturbed or problematic									
Restrictive I Type: Depth (inch	Layer (if observe	d);					Hydric soil preser	nt? <u>N</u>		
Remarks:										





CONSTRUCTION NOTES:

- 1. A MINIMUM OF 6 INFILTRATION BASINS SHALL BE CONSTRUCTED AT LOCATIONS SHOWN ON THE PLAN OR DETERMINED IN THE FIELD TO CAPTURE AND FILTER STORM WATER RUNOFF AS EFFECTIVELY AS POSSIBLE.
- 2. SILT FENCE AND TOPSOIL BERMING SHALL BE UTILIZED DURING CONSTRUCTION TO PREVENT ANY SEDIMENT AND EROSION FROM ENTERING LAKES AND WETLANDS.

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the State of Minnesota.

Signatur<u>e:</u>
Michael G. Nelson, PE Registration No. 26807

Date:
My Registration Expires June 30, 2026

Alknez

1700 Technology Drive NE Suite 130 Willmar, MN 56201

DETAILS

ROAD SECTION NOT TO SCALE

PROJECT INFORMATION

This Project includes development of an existing lake property. These improvements include installing and maintaining all associated components in this plan, including infiltration areas, gravel access roads, and gravel turnaround areas.

This Storm Water Pollution Prevention Plan (SWPPP) complies with the provisions of the Minnesota Pollution Control Agency (MPCA) General Permit No. MN R100001 Authorization to Discharge Stormwater Associated with Construction Activity Under the National Pollutant Discharge Elimination System (NPDES). A Notice of Intent (NOI) for coverage under the General Permit (GP) will be submitted.

RESPONSIBLE PARTIES

The Site Erosion Control Supervisor is a person knowledgeable and experienced in the application of erosion prevention and sediment control BMPs who is responsible for the implementation of the SWPPP, and the installation, inspection and maintenance of the erosion prevention and sediment control BMPs before and during construction.

The contractor shall notify all appropriate engineering departments and utility companies 72 hours prior to construction, all necessary precautions shall be taken to avoid damage to any existing utility.

Training:

The Contractor shall ensure that individuals performing installations and inspections have been trained in accordance with the General Permit. The Contractor shall ensure the training is recorded with the SWPPP before the start of construction or as soon as the personnel for the project have been determined. Documentation shall include:

- 1. Names of the personnel that are required to be trained.
- 2. Dates of training, name of instructor, and entity providing training.
- 3. Content of training course, including the number of hours of training.

Inspections:

A trained person designated by the SWPPP Coordinator must complete all inspections. Inspection and maintenance activities shall be documented in writing and records shall be retained on-site. Inspections shall be conducted at least once every fourteen (14) calendar days and within 24 hours of each precipitation event of at least 0.5 inches in a 24 hour period. Inspection frequency can be reduced to once per calendar month in areas where:

- 1. Temporary stabilization has been completed but where construction continues.
- 2. Runoff is unlikely due to winter conditions (e.g., site is covered with snow, ice or the ground is frozen),
- 3. Construction is occurring during seasonal arid periods in arid or semi-arid areas.

Recordkeeping:

All records, including but not limited to inspections and SWPPP reviews and changes, General Application, document submissions, etc. must be maintained on-site (field office or on-site vehicle) until coverage under the permit has been terminated. The Contractor shall provide appropriate agencies with access and copies of these records upon request. Original documentation may be attached to or filed with the on-site SWPPP copy. According to the General Permit, the information noted below shall be included as part of recordkeeping, at a minimum:

- 1. Name of person(s) conducting the inspections or maintenance;
- 2. When inspections or maintenance are conducted;
- 3. The findings of the inspections or maintenance;
- 4. Any corrective actions taken (including dates, times, an the responsible part for completing maintenance);
- 5. Date and amount of rainfall events greater than 0.5 inches in 24 hours:
- 6. Document changes to this SWPPP as required by regulation.

Permanent Stormwater Management:

The project design will provide treatment for stormwater prior to discharge to surface waters. Treatment will be provided through a combination of, proposed infiltration basins and existing grassed water ways.

5-year/1-hour storm rainfall amount: 1.82 inches

25-year/24-hour storm rainfall amount: 5.68 inches

CONSTRUCTION ACTIVITY

Construction activities are anticipated to commence after pre construction meeting. The Project will generally take place in the following sequence:

- 1. INSTALL Preliminary erosion control Best Management Practices (BMPs)
- 2. Topsoil stripping, clearing, and stockpiling
- 3. Rough grading and temporary stabilization
- 4. Installation of subsurface drains and culverts
- 5. Finish grading, topsoiling, and final stabilization

Erosion Prevention

All erosion prevention BMPs shall be installed to minimize erosion from disturbed surfaces and to capture sediment onsite. All erosion control measure shall be in place prior to the commencement of any ground-disturbing activities and must be maintained until final stabilization is

Use phased construction whenever practical and establish turf as soon as possible to minimize sediment transport.

Sediment must be stabilized to prevent it from being washed back into the basin, conveyances, or drainageways discharging off-site or to surface waters.

Temporary or permanent seeding and mulching of all exposed soils not being actively worked shall take place within 24 hours for locations in existing ditches or waterways, at all pipe ends and within 200 feet of surface water; within 14 days for all other locations. See erosion control plans for details.

Temporary mulching shall be at a rate of 2.0 ton/acre

Seed mix and application shall comply with the appropriate County Soil and Water Conservation Service specifications.

- Perimeter sediment control devices must be established on all down-gradient perimeters prior to the commencement of any ground-disturbing activities.
- The contractor shall adjust the perimeter silt fencing to accommodate the installation of ditch check dams as necessary.
- Tracked soil onto existing public roads shall be removed within 24 hours.
- Perimeter silt fence shall be installed downstream of all topsoil stockpiles. All stockpiles shall be temporarily covered if left more than 7 days.
- Stockpiles cannot be placed in surface waters or in water conveyances,
- A rock construction entrance must be constructed at all planned entrances/exits from the site. Rock construction entrance must be a minimum of 24 feet wide and 50 feet long with a minimum of 6" of 2-4" clean rock.
- Rock log or silt fence inlet protection shall be installed and maintained until turf has been established.
- Redundant sediment controls shall be used near all surface waters.

Dewatering

The Contractor must discharge turbid or sediment-laden waters related to dewatering or basin draining (e.g., pumped discharges, trench/ditch cuts for drainage) to a temporary or permanent sedimentation basin on the project site

Discharge points must be adequately protected from erosion and scour. The discharge must be dispersed over natural rock riprap, sand bags, plastic sheeting, or other accepted energy dissipation measures.

The Contractor may discharge from the temporary or permanent sedimentation basins to surface waters if the basin water has been visually checked to ensure

adequate treatment has been obtained in the basin. The discharge must not result in floating solids, visible oil film, excessive suspended solids, discoloration, obnoxious odors or other harmful effects to receiving waters.

If the water cannot be discharged to a sedimentation basin prior to entering the surface water, it must be treated with the appropriate BMPs, such that the discharge does not adversely affect the receiving water or downstream properties.

If the Permittee(s) must discharge water that contains oil or grease, the Permittee(s) must use an oil-water separator or suitable filtration device (e.g. cartridge filters, absorbents pads) prior to discharging the water.

Pollution Prevention

The Contractor will comply with the requirements regarding pollution prevention management during construction, including:

- a. Concrete washout areas for use by all subcontractors. The location of washout areas must be identified by signage and must be at least 200' from environmentally sensitive areas. The washout must be a leak-proof containment or impermeable liner that prevents runoff onto adjacent soils. An engineered system can also be used. The washout pit and dried contents shall be removed upon completion of construction and properly disposed of.
- b. Solid waste collection and removal.
- c. Secondary Containment.
- d. Secured hazardous waste storage containers.
- e. Chemical spill kits.
- f. Portable restroom facilities that are anchored and located so that spills will not flow to environmentally

sensitive areas.

Burning/burying of any material is not allowed within the project boundary. Final Stabilization and Termination

A Notice of Termination (NOT) must be submitted within 30 days after the site has undergone final stabilization. Final Stabilization requires that all soil disturbing activities at the site have been completed and all soils have been stabilized by a uniform perennial vegetative cover. All temporary synthetic and structural erosion prevention and sediment control BMPs (such as silt fence) must be removed. BMPs designed to decompose on site (such as some compost logs) may be left in place. For construction projects on land used for agricultural purposes (e.g., pipelines across crop or range land) Final Stabilization may be accomplished by returning the disturbed land to its preconstruction agricultural use.

SPECIFICATIONS FOR SEEDING AND STABILIZATION

TEMPORARY SEEDING:

FALL SEED MIX APPLICATION RATE

21-112 100 LBS/ACRE

SEEDING PERIOD
FERTILIZER TYPE
FERTILIZER
APPLICATION RATE
MULCH TYPE 8/1 TO 10/1
PER MANUFACTURES RECOMMENDATION : PER MANUFACTURES RECOMMENDATION : HAY OR STRAW : 2 TONS/ACRE

MULCH RATE

SPRING/SUMMER SEED MIX

APPLICATION RATE 50 LBS/ACRE

5/1 TO 8/1
PER MANUFACTURES RECOMMENDATION FERTILIZER
APPLICATION RATE
MULCH TYPE PER MANUFACTURES RECOMMENDATION HAY OR STRAW

MULCH RATE

2 TONS/ACRE

PERMANANT SEEDING: SEED MIX 36-211

APPLICATION RATE 34.5 LBS/ACRE

4/15 TO 7/20, 9/20 TO 10/20 PER MANUFACTURES RECOMMENDATION

FERTILIZER : PER MANUFACTURES RECOMMENDATION : HYDROSEED APPLICATION RATE

NON-VEGETATIVE SURFACE STABILIZATION: MULCH

TEMPORARY MULCH TYPE APPLICATION RATE 3 TONS/ACRE

WOOD CELLULOSE/HYDROSEED ANCHOR MATERIAL

NOTES:

1. THE MULCH APPLICATION RATE FOR CHANNELS AND 3:1 SLOPES SHALL BE 3 TONS PER ACRE AS INDICATED ON THE PLAN.

2. STRAW AND HAY MULCH SHALL BE DISC ANCHORED IMMEDIATELY AFTER APPLICATION TO PREVENT BEING WINDBLOWN.

3. SEED MIX AND APPLICATION SHALL COMPLY WITH THE MN DOT SEEDING MANUAL 2014 EDITION.

CERTIF	CERTIFICATIONS/QUALIFICATIONS									
Position	Name	Qualifications								
Construction Site Manager										
Construction Installer										
SWPPP Designer	Mike Nelson, Anez Consulting, Inc.	Professional Engineer								

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the State of Minnesota.

Michael G. Nelson, PE

Registration No. 26807

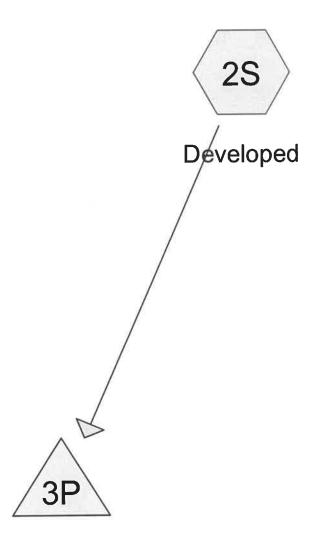
Date:
My Registration Expires June 30, 2026

1700 Technology Drive NE Suite 130 Willingr., NN 56201 (320) 235-1970

SWPPP



Existing



INFILTRATION BASINS









Routing Diagram for EXISTING and DEVELOPED
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Rainfall Events Listing (selected events)

Event#	Event Name	Storm Type	Curve	Mode	Duration (hours)	B/B	Depth (inches)	AMC
1	2yr	Type II 24-hr		Default	24.00	1	2.72	2
2	10yr	Type II 24-hr		Default	24.00	1	3.96	2

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Area Listing (all nodes)

Area	CN	Description				
(acres)		(subcatchment-numbers)				
1.449	77	1/8 acre lots, 65% imp, HSG A (2S)				
1.449	30	Woods, Good, HSG A (1S)				
2.898	54	TOTAL AREA				

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Soil Listing (all nodes)

Area (acres)	Soil Group	Subcatchment Numbers
2.898	HSG A	1S, 2S
0.000	HSG B	
0.000	HSG C	
0.000	HSG D	
0.000	Other	
2.898		TOTAL AREA

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Ground Covers (all nodes)

	HSG-A (acres)	HSG-B (acres)	HSG-C (acres)	HSG-D (acres)	Other (acres)	Total (acres)	Ground Cover	Subcatchment Numbers
_	1,449	0.000	0.000	0.000	0.000	1.449	1/8 acre lots, 65% imp	2S
	1.449	0.000	0.000	0.000	0.000	1.449	Woods, Good	1S
	2.898	0.000	0.000	0.000	0.000	2.898	TOTAL AREA	

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Type II 24-hr 2yr Rainfall=2.72" Printed 4/10/2025

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Time span=0.00-48.00 hrs, dt=0.05 hrs, 961 points
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment 1S: Existing

ng Runoff Area=63,125 sf 0.00% Impervious Runoff Depth=0.00" Flow Length=347' Slope=0.0700 '/' Tc=34.6 min CN=30 Runoff=0.00 cfs 0.000 af

Subcatchment 2S: Developed

oped Runoff Area=63,125 sf 65.00% Impervious Runoff Depth=0.88" Flow Length=347' Slope=0.0700 '/' Tc=15.9 min CN=77 Runoff=1.53 cfs 0.106 af

Pond 3P: INFILTRATION BASINS

BASINS Peak Elev=2.39' Storage=3,257 cf Inflow=1.53 cfs 0.106 af Discarded=0.03 cfs 0.086 af Primary=0.00 cfs 0.000 af Outflow=0.03 cfs 0.086 af

Total Runoff Area = 2.898 ac Runoff Volume = 0.106 af Average Runoff Depth = 0.44" 67.50% Pervious = 1.956 ac 32.50% Impervious = 0.942 ac

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Summary for Subcatchment 1S: Existing

[45] Hint: Runoff=Zero

Runoff

0.00 cfs @

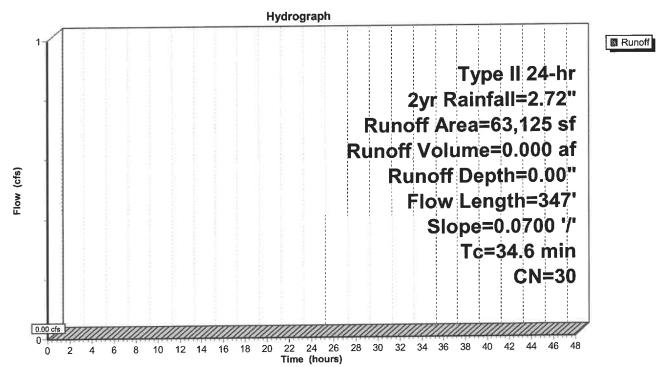
0.00 hrs, Volume=

0.000 af, Depth= 0.00"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.05 hrs Type II 24-hr 2yr Rainfall=2.72"

A	rea (sf)	CN D	escription		H. Company of the Com
	63,125	30 V	loods, Go	od, HSG A	
	63,125	1	00.00% Pe	ervious Are	a
Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
34.0	300	0.0700	0.15	,	Sheet Flow, trees Woods: Light underbrush n= 0.400 P2= 2.72"
0.6	47	0.0700	1.32		Shallow Concentrated Flow, trees Woodland Kv= 5.0 fps
34.6	347	Total			

Subcatchment 1S: Existing



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Summary for Subcatchment 2S: Developed

Runoff 1.53 cfs @ 12.09 hrs, Volume=

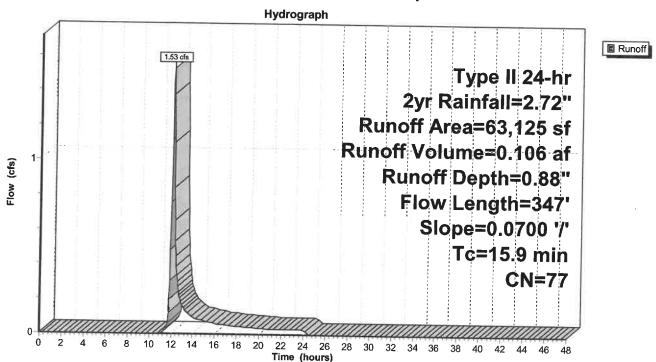
0.106 af, Depth= 0.88"

Routed to Pond 3P: INFILTRATION BASINS

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.05 hrs Type II 24-hr 2yr Rainfall=2.72"

A	rea (sf)	CN [Description			
	63,125	77 1	/8 acre lot	s, 65% imp	. HSG A	
	22,094 41,031	3	5.00% Per	vious Area pervious Ar		
Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description	
15.5	300	0.0700	0.32		Sheet Flow, road edge	
0.4	47	0.0700	1.85		Grass: Short n= 0.150 P2= 2.72" Shallow Concentrated Flow, filter area Short Grass Pasture Kv= 7.0 fps	
15.9	347	Total			110 100	

Subcatchment 2S: Developed



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Summary for Pond 3P: INFILTRATION BASINS

Inflow Area = 1.449 ac, 65.00% Impervious, Inflow Depth = 0.88" for 2yr event

Inflow = 1.53 cfs @ 12.09 hrs, Volume= 0.106 af

Outflow = 0.03 cfs @ 21.37 hrs, Volume= 0.086 af, Atten= 98%, Lag= 556.4 min

Discarded = 0.03 cfs @ 21.37 hrs, Volume= 0.086 af Primary = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af

Routing by Stor-Ind method, Time Span= 0.00-48.00 hrs, dt= 0.05 hrs Peak Elev= 2.39' @ 21.37 hrs Surf.Area= 1,724 sf Storage= 3,257 cf Flood Elev= 6.00' Surf.Area= 2,800 sf Storage= 11,420 cf

Plug-Flow detention time= 957.0 min calculated for 0.086 af (81% of inflow) Center-of-Mass det. time= 872.8 min (1,740.7 - 867.9)

Volume	Inve	rt Avail.Sto	rage Storage	Description	
#1	0.0	0' 11,4	20 cf Custom	Stage Data (Pr	ismatic) Listed below (Recalc)
Elevatio	1.00	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)	
0.0	00	1,000	0	0	
2.0	00	1,608	2,608	2,608	
4.0	00	2,202	3,810	6,418	
6.0	00	2,800	5,002	11,420	
Device	Routing	Invert	Outlet Device	es	
#1	Discarded	'00.00	0.800 in/hr E	xfiltration over	Surface area
#2	Primary	5.00'			0' breadth Broad-Crested Rectangular Weir
	-		Head (feet) (0.20 0.40 0.60	0.80 1.00 1.20 1.40 1.60 1.80 2.00
				50 4.00 4.50 5	
					70 2.68 2.68 2.66 2.65 2.65 2.65
			2.65 2.67 2.	66 2.68 2.70 2	2.74 2.79 2.88

Discarded OutFlow Max=0.03 cfs @ 21.37 hrs HW=2.39' (Free Discharge) 1=Exfiltration (Exfiltration Controls 0.03 cfs)

Primary OutFlow Max=0.00 cfs @ 0.00 hrs HW=0.00' (Free Discharge)

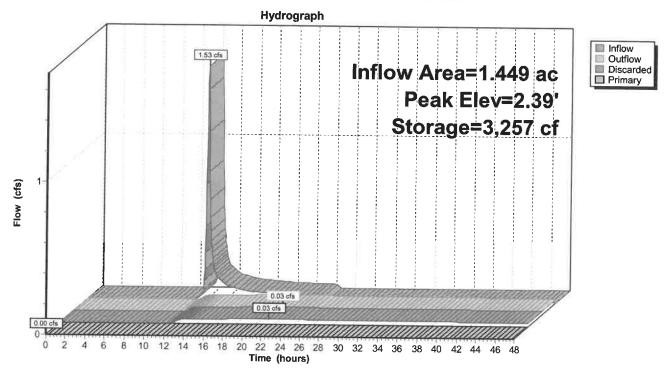
2=Broad-Crested Rectangular Weir (Controls 0.00 cfs)

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Pond 3P: INFILTRATION BASINS



Type II 24-hr 10yr Rainfall=3.96" Printed 4/10/2025

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Time span=0.00-48.00 hrs, dt=0.05 hrs, 961 points Runoff by SCS TR-20 method, UH=SCS, Weighted-CN Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment 1S: Existing

Runoff Area=63,125 sf 0.00% Impervious Runoff Depth=0.00"

Flow Length=347' Slope=0.0700 '/' Tc=34.6 min CN=30 Runoff=0.00 cfs 0.000 af

Subcatchment 2S: Developed

Runoff Area=63,125 sf 65.00% Impervious Runoff Depth=1.78"

Flow Length=347' Slope=0.0700 '/' Tc=15.9 min CN=77 Runoff=3.20 cfs 0.215 af

Pond 3P: INFILTRATION BASINS

Peak Elev=4.44' Storage=7,423 cf Inflow=3.20 cfs 0.215 af

Discarded=0.04 cfs 0.121 af Primary=0.00 cfs 0.000 af Outflow=0.04 cfs 0.121 af

Total Runoff Area = 2.898 ac Runoff Volume = 0.215 af Average Runoff Depth = 0.89" 67.50% Pervious = 1.956 ac 32.50% Impervious = 0.942 ac Prepared by Anez Consulting, Inc HydroCAD® 10.20-3h s/n 06549 © 2024 HydroCAD Software Solutions LLC

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Summary for Subcatchment 1S: Existing

[45] Hint: Runoff=Zero

Runoff

0.00 cfs @

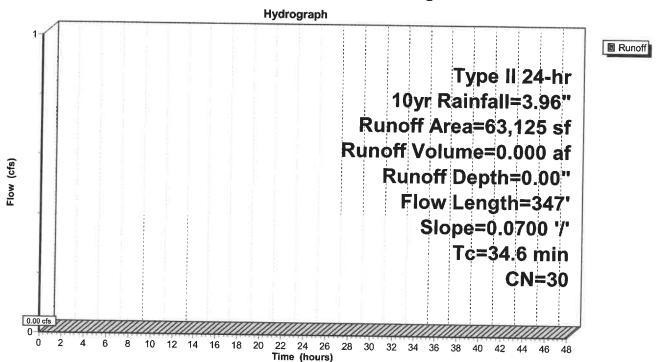
0.00 hrs, Volume=

0.000 af, Depth= 0.00"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.05 hrs Type II 24-hr 10yr Rainfall=3.96"

A	rea (sf)	CN [Description			
	63,125	30 V	Voods, Go	od, HSG A		
	63,125	1	00.00% Pe	ervious Are	a	
Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description	
34.0	300	0.0700	0.15		Sheet Flow, trees	
0.6	47	0.0700	1.32		Woods: Light underbrush n= 0.400 Shallow Concentrated Flow, trees Woodland Kv= 5.0 fps	P2= 2.72"
34.6	347	Total				

Subcatchment 1S: Existing



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EXISTING and DEVELOPED

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Summary for Subcatchment 2S: Developed

Runoff = 3.20 cfs @ 12.09 hrs, Volume=

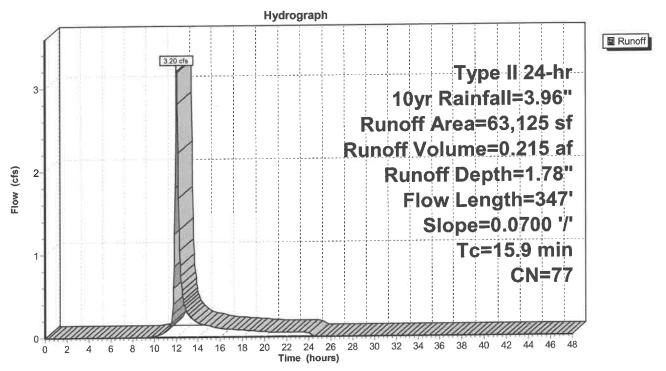
0.215 af, Depth= 1.78"

Routed to Pond 3P: INFILTRATION BASINS

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.05 hrs Type II 24-hr 10yr Rainfall=3.96"

	A	rea (sf)	CN D	escription			
		63,125	77 1	/8 acre lots	s, 65% imp	, HSG A	
	22,094 35.00% Pervious Area 41,031 65.00% Impervious Area						
	Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description	
	15.5	300	0.0700	0.32		Sheet Flow, road edge	
	0.4	47	0.0700	1.85		Grass: Short n= 0.150 P2= 2.72" Shallow Concentrated Flow, filter area Short Grass Pasture Kv= 7.0 fps	
9	15.9	347	Total		•		

Subcatchment 2S: Developed



Type II 24-hr 10yr Rainfall=3.96"

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Printed 4/10/2025

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Summary for Pond 3P: INFILTRATION BASINS

Inflow Area = 1.449 ac, 65.00% Impervious, Inflow Depth = 1.78" for 10yr event

Inflow 3.20 cfs @ 12.09 hrs, Volume= 0.215 af

Outflow 0.04 cfs @ 24.13 hrs, Volume= 0.121 af, Atten= 99%, Lag= 722.4 min Discarded =

0.04 cfs @ 24.13 hrs, Volume= 0.121 af Primary 0.00 cfs @ 0.00 hrs, Volume= 0.000 af

Routing by Stor-Ind method, Time Span= 0.00-48.00 hrs, dt= 0.05 hrs Peak Elev= 4.44' @ 24.13 hrs Surf.Area= 2,335 sf Storage= 7,423 cf

Flood Elev= 6.00' Surf.Area= 2,800 sf Storage= 11,420 cf

Plug-Flow detention time= 1,021.8 min calculated for 0.121 af (56% of inflow)

Center-of-Mass det. time= 900.7 min (1,747.6 - 846.9)

Volume	Invert Avail.St	orage Storage D	Description	
#1	0.00' 11,4			matic) Listed below (Recalc)
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)	
0.00	1,000	0	0	
2.00	1,608	2,608	2,608	
4.00	2,202	3,810	6,418	
6.00	2,800	5,002	11,420	
Device Rou	tina Invert	Outlet Devices		

Device	Routing	Invert	Outlet Devices
#1 #2	Discarded Primary	5.00'	0.800 in/hr Exfiltration over Surface area 2.0' long + 1.0 '/' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Discarded OutFlow Max=0.04 cfs @ 24.13 hrs HW=4.44' (Free Discharge)

1=Exfiltration (Exfiltration Controls 0.04 cfs)

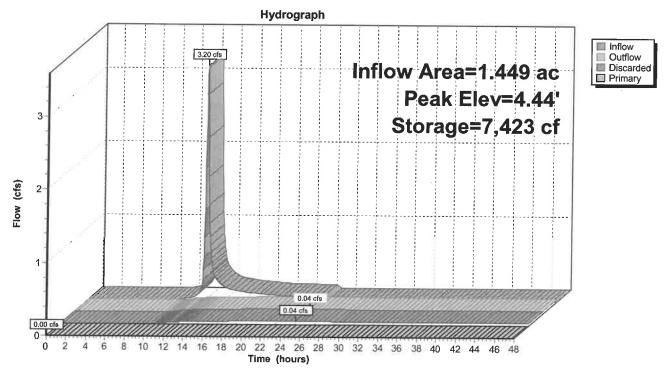
Primary OutFlow Max=0.00 cfs @ 0.00 hrs HW=0.00' (Free Discharge) -2=Broad-Crested Rectangular Weir (Controls 0.00 cfs)

Type II 24-hr 10yr Rainfall=3.96" Printed 4/10/2025

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Pond 3P: INFILTRATION BASINS







ANEZ CONSULTING INC

1700 Technology Dr NE, Suite 130, Willmar, MN 56201

April 10, 2025

Reviewing Agency

Re: Elm Island Lake RV Park

To whom it may concern,

The grading and drainage plan for this project has been designed to minimize disturbance to the development of the proposed property as much as possible. Infiltration basins are proposed at strategic locations on the plan and/or during construction to remove sediment and filter storm runoff water prior to entering adjacent lakes and wetlands. The hydrology modeling provided indicates negligible flow increases with the installation of the proposed storm basins. Please feel free to call me with any questions.

Sincerely,

Michael G. Nelson, PE

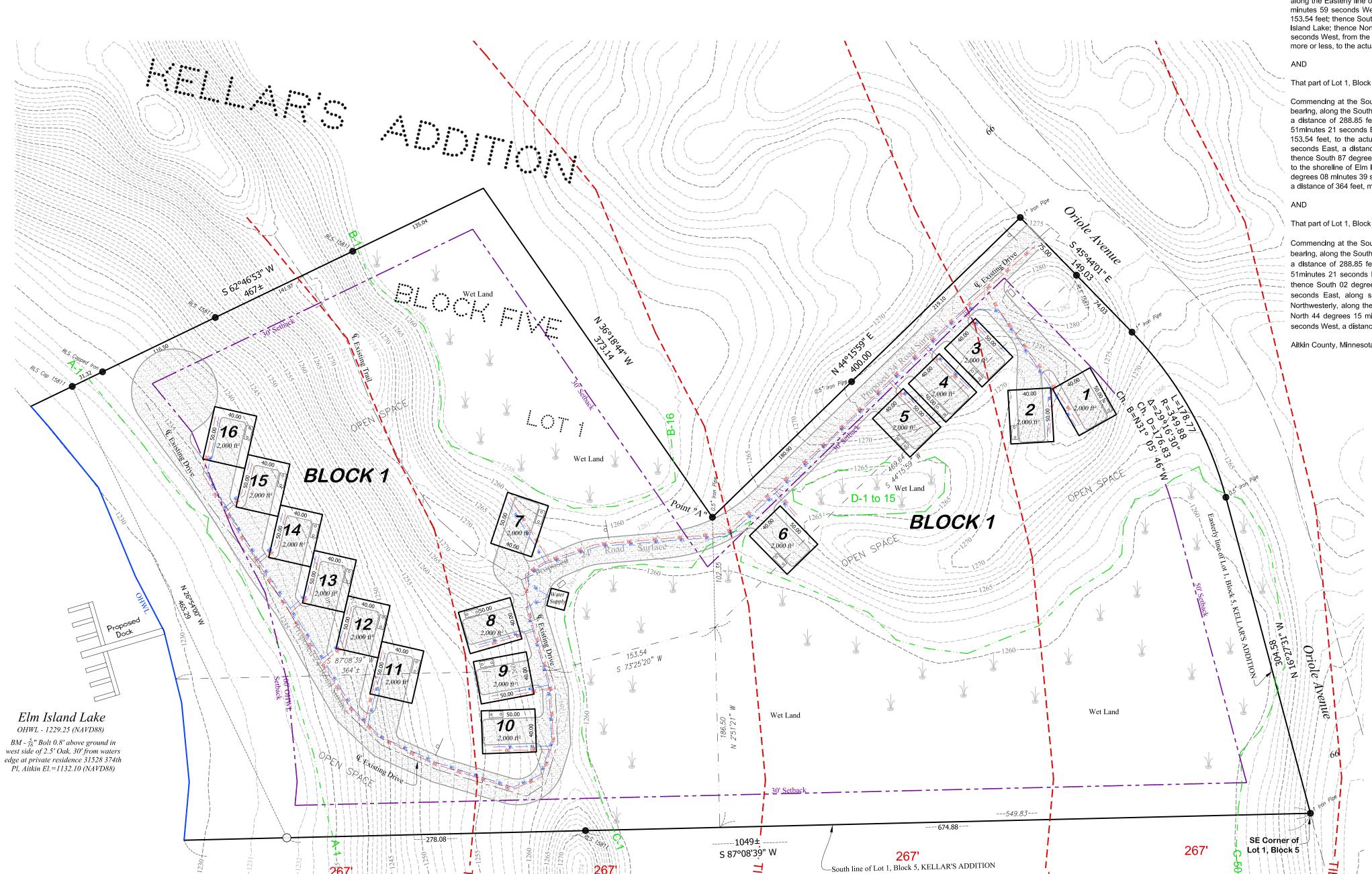
Michael S. Melson

P (320) 235.1970 F (320) 23	5.1986	www.AnezInc.com		Kami Anez kami@anezinc.com
ENGINEERING	ENVIRONMENTAL	PERMITTING	INDUSTRIAL	AGRICULTURE

Preliminary Plat of:

ELM ISLAND LAKE RV PARK

Part of Lot 1, Block 5, KELLER'S ADDITION in Section 15, T46N-R26W, Aitkin County, Minnesota



Land Description as found on Schedule A of Commitment Number: 25-1087-1 issued by Fidelity National Title Insurance Company dated March 26, 2025 at 7:00 AM

EXHIBIT A

That part of Lot 1, Block Five, Kellar's Addition, according to the recorded plat thereof, described as follows:

Commencing at the Southeast corner of said Lot 1; thence South 87 degrees 08 minutes 39 seconds West, on an assigned bearing, along the Southerly line of said Lot 1, a distance of 549.83 feet; thence North 02 degrees 51 minutes 21 seconds West, a distance of 288.85 feet, to a point hereby designated and hereafter referred to as POINT "A"; thence North 36 degrees 18 minutes 44 seconds West, a distance of 373.14 feet, to the actual point of beginning of the tract of land to be described; thence South 36 degrees 18 minutes 44 seconds East, a distance of 373.14 feet, and returning to said POINT "A"; thence North 44 degrees 15 minutes 59 seconds East, a distance of 400.00 feet; thence South 45 degrees 44 minutes 01 seconds East, along the Easterly line of said Lot 1 (the Westerly line of Oriole Avenue), a distance of 75.00 feet; thence South 44 degrees 15 minutes 59 seconds West, a distance of 469.64 feet; thence South 73 degrees 25 minutes 20 seconds West, a distance of 153.54 feet; thence South 87 degrees 08 minutes 39 seconds West, a distance of 364 feet, more or less, to the shoreline of Elm Island Lake; thence Northwesterly, along said shoreline to its intersection with a line bearing South 62 degrees 46 minutes 53 seconds West, from the actual point of beginning; thence North 62 degrees 46 minutes 53 seconds East, a distance of 463 feet, more or less, to the actual point of beginning.

That part of Lot 1, Block Five, Kellar's Addition, according to the recorded plat thereof, described as follows:

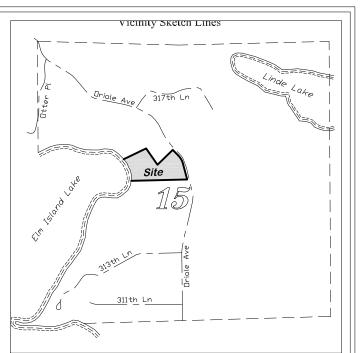
Commencing at the Southeast corner of said Lot 1; thence South 87 degrees 08 minutes 39 seconds West, on an assigned bearing, along the Southerly line of said Lot 1, a distance of 549.83 feet; thence North 02 degrees 51 minutes 21 seconds West, a distance of 288.85 feet, to a point hereby designated and hereafter referred to as POINT "A"; thence South 02 degrees 51minutes 21 seconds East, a distance of 102.35 feet; thence South 73 degrees 25 minutes 20 seconds West, a distance of 153.54 feet, to the actual point of beginning of the tract of land to be described; thence North 73 degrees 25 minutes 20 seconds East, a distance of 153.54 feet; thence South 02 degrees 51 minutes 21 seconds East, a distance of 186.50 feet; thence South 87 degrees 08 minutes 39 seconds West, along said Southerly line of Lot 1, a distance of 471 feet, more or less, to the shoreline of Elm Island Lake; thence Northwesterly, along said shoreline, to its intersection with a line bearing South 87 degrees 08 minutes 39 seconds West, from the actual point of beginning; thence North 87 degrees 08 minutes 39 seconds East, a distance of 364 feet, more or less, to the actual point of beginning.

That part of Lot 1, Block Five, Kellar's Addition, according to the recorded plat thereof, described as follows:

Commencing at the Southeast corner of said Lot 1; thence South 87 degrees 08 minutes 39 seconds West, on an assigned bearing, along the Southerly line of said Lot 1, a distance of 549.83 feet; thence North 02 degrees 51 minutes 21 seconds West, a distance of 288.85 feet, to a point hereby designated and hereafter referred to as POINT "A"; thence South 02 degrees 51minutes 21 seconds East, a distance of 102.35 feet, to the actual point of beginning of the tract of land to be described; thence South 02 degrees 51 minutes 21 seconds East, a distance of 186.50 feet; thence North 87 degrees 08 minutes 39 seconds East, along said Southerly line of Lot 1, a distance of 549.83 feet, to the Southeast corner thereof; thence Northwesterly, along the Easterly line of said Lot 1 (the Westerly line of Oriole Avenue), to its intersection with a line bearing North 44 degrees 15 minutes 59 seconds East, from the actual point of beginning; thence South 44 degrees 15 minutes 59 seconds West, a distance of 469.64 feet, to the actual point of beginning.

Aitkin County, Minnesota (Abstract)

Vicinity Map - Not to Scale



Section 15, T46N-R26W



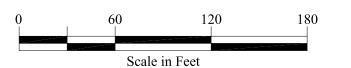
This drawing prepared by:

Bonnema Runke Stern Inc.

Professional Land Surveyors

4566 Hwy 71 NE - Suite 1 Willmar, MN 56201 Office (320) 231-2844 Fax (320) 231-2827

Requested by: Russ Sampson - Dave Rose Elm Island Properties LLC 14534 Glendale Ave SE Prior Lake, MN 55372



LEGEND

- Found Iron Monument from Former Survey
- Bonnema Runke Stern Inc. placed a $\frac{5^n}{8}$ Iron Rod with a 46169-46171-62454 stamped Plastic Cap

Cast Iron Monument

- - - - Adjacent Parcel Lines — -- Approximate Right of Way Line

- · · - Delineated Wet Land

--- Tier Lines from 0HWL

— - - — Setbacks ---- BE ---- Proposed Buried Electric

---- WL ---- Proposed Water Line

Septic Holding Tank - 1000 gallon

☐ Garbage Dumpster (2)

O 10mph Speed Limit Sign (3)

The Orientation of this bearing system is assumed. The south line of Lot 1, Block 5, Kellar's Addition is

Date Prepared - April 10, 2025

assumed to bear N 87°08'39" E

Elevation Datum: The Elevation Datum used for this survey is the North American Vertical Datum of 1988 (NAVD 88)

> MnDOT Geodetic Control Point Bethlehem RM 3 = 1301.41 (NAVD 88)

1. Wetlands were delineated by Clinton Jordahl, Granite City Environmental, CWD #1149 as shown.

2. The contours on this drawing are shown using LiDar data from the MnTopo portal on the State of Minnesota's website. (NAVD88)

TIER	Suitable Area	Dens
1	92,300 ft ²	6
2	59,950 ft ²	4
3	52,334 ft ²	3
4	48,430 ft ²	3
		16

Parcel Area

Total Area above OHWL - 11.1± Acres Total Area in Delineated Wet Lands - 5.3± Acres

Total Area of Upland - 5.8± Acres

Total Area of Impacted Wetlands - 195± s.f.

Open Space Area

32,000 ft² / 0.73± Acres Proposed Lots Proposed Road & Pads 63,125 ft² / 1.45± Acres Total Open Space including wetlands 8.9± acres Total Open Space Upland Total Contiguous Open Space 8.9± acres

Open Space Including Wetlands 2.2± Acres (Lots-Road-Pads) divided by 11.1± Total Acres

Open Space - Upland Only

2.2± Acres (Lots-Road-Pads) divided by 5.8± Total Acres above OHWL = 38% non Open Space or 62% Open Space

above OHWL = 20% non Open Space or 80% Open Space

Impervious Area

Proposed Potential Sheds & Decks - 6,720 ft² / 0.15± Acres Proposed Roadway & Pads - 63,125 ft² / 1.45± Acres