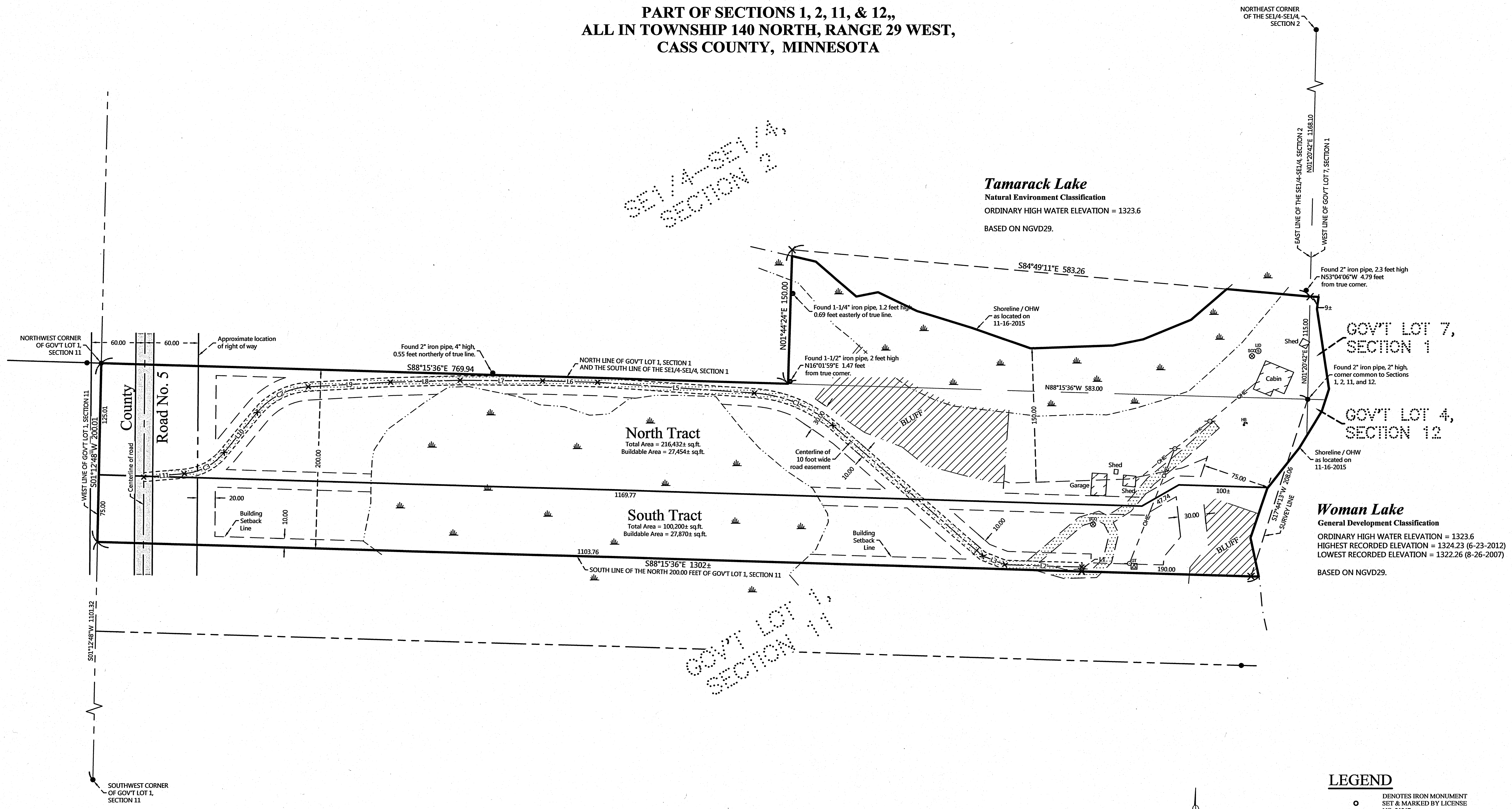


CERTIFICATE OF SURVEY

PART OF SECTIONS 1, 2, 11, & 12,
ALL IN TOWNSHIP 140 NORTH, RANGE 29 WEST,
CASS COUNTY, MINNESOTA



Tamarack Lake
Natural Environment Classification
ORDINARY HIGH WATER ELEVATION = 1323.6
BASED ON NGVD29.

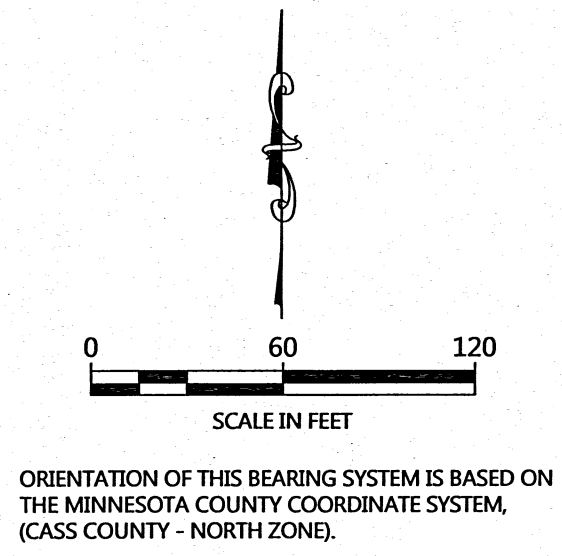
Woman Lake
General Development Classification
ORDINARY HIGH WATER ELEVATION = 1323.6
HIGHEST RECORDED ELEVATION = 1324.23 (6-23-2012)
LOWEST RECORDED ELEVATION = 1322.26 (8-26-2007)
BASED ON NGVD29.

Line Segment	Bearing	Distance
L1	N01°44'24"E	5.00
L2	N88°15'36"W	86.30
L3	N68°37'11"W	26.91
L4	N49°02'31"W	222.41
L5	N86°05'42"W	176.00
L6	N88°15'36"W	61.67
L7	N89°32'36"W	92.49
L8	S88°26'35"W	77.99
L9	S86°48'08"W	92.33
L10	S39°34'22"W	58.24
L11	S85°07'46"W	45.52

Curve Segment	Delta	Radius	Length	Chord Bearing	Chord Distance
C1	Δ=37°03'11"	150.00	97.00	N67°34'07"W	95.32
C2	Δ=47°13'46"	80.00	65.94	S63°11'15"W	64.09
C3	Δ=45°33'24"	65.00	51.68	S62°21'04"W	50.33

NOTES:

- Zoning for subject tract = Shoreland Residential.
- Parcel ID for subject tract = 51-002-4403.
- Wetland delineation prepared by Patrick Reardon, Cert. No. 5188 and reviewed and approved by Nancy Salminen, Cert. No. 1209, October 2016
- All lines marked with flagging are only an approximation of the true boundary lines and are not to be used as an exact boundary location. Flagged lines should not be used for the establishment of improvements. To mark true boundary lines, additional monumentation would be required.
- Northern Engineering and Consulting, Inc. was not given nor has conducted a current title search for the subject property. Therefore the information contained in a title search may or may not be accurately shown on this certificate.



LEGEND

- DENOTES IRON MONUMENT SET & MARKED BY LICENSE NO. 21367
- DENOTES MONUMENT FOUND
- × DENOTES CALCULATED POSITION
- ⊗ DENOTES EXISTING SEPTIC CLEANOUT & SEPTIC TANK LID
- DENOTES EXISTING UTILITY POLE
- DENOTES OVERHEAD ELECTRIC LINE
- ⊞ DENOTES EXISTING GROUND TRANSFORMER
- ⊞ DENOTES EXISTING HOSE BIB
- ⊞ DENOTES WETLAND(S), NOT DELINEATED
- BLUFF DENOTES BLUFF AREA
- DENOTES EDGE OF EXISTING GRAVEL
- DENOTES EDGE OF EXISTING BITUMINOUS

NO.	DATE	DESCRIPTION

I HEREBY CERTIFY THAT THIS SURVEY, PLAN OR REPORT WAS PREPARED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MINNESOTA.

TERRY L. FREEMAN
7/31/17
LIC. NO. 21367

NORTHERN ENGINEERING & CONSULTING, INC.

P.O. Box 292, Walker, MN, 56484
Phone: 218-547-1296, Fax: 218-547-2272
Web: www.necusa.com

CERTIFICATE OF SURVEY

Matt Carpenter
9011 High Point Circle
Eden Prairie, MN 55347

JOB NO. 15-211
DATE: 7-31-2017
SHEET NO.
1 OF 1