

# CERTIFICATE OF SURVEY

PART OF GOVERNMENT LOTS 4 & 5,  
SECTION 1, TOWNSHIP 140 NORTH, RANGE 31 WEST,  
CASS COUNTY, MINNESOTA

## PROPOSED DESCRIPTIONS:

### WEST TRACT

That part of Government Lot 4 and that part of Government Lot 5, both in Section 1, Township 140 North, Range 31 West, Cass County, Minnesota, described as follows: COMMENCING at the southeast corner of the Northeast Quarter of the Southwest Quarter, said Section 1 and assigning the North-South Quarter line to bear North 01 degrees 57 minutes 29 seconds East; thence South 89 degrees 12 minutes 59 seconds West, along the south line of said Northeast Quarter of the Southwest Quarter and said Government Lot 5, a distance of 1681.83 feet; thence North 00 degrees 43 minutes 30 seconds West 416.81 feet; thence northwesterly 189.46 feet, along a nontangential curve, concave to the northeast, having a radius of 183.00 feet, a central angle of 59 degrees 19 minutes 05 seconds, and the chord bears North 46 degrees 55 minutes 29 seconds West for a chord distance of 181.11 feet; thence North 17 degrees 15 minutes 57 seconds West, tangent to said curve, 461.20 feet; thence northeasterly 407.85 feet, along a tangential curve, concave to the southeast, having a radius of 233.00 feet, and a central angle of 100 degrees 17 minutes 29 seconds; thence North 83 degrees 01 minutes 32 seconds East, tangent to said last described curve, 116.40 feet; thence North 73 degrees 25 minutes 51 seconds East 398.37 feet to the point of beginning of the tract to be herein described; thence continue North 73 degrees 25 minutes 51 seconds East 21.58 feet; thence North 60 degrees 10 minutes 04 seconds East 117.91 feet to a point hereinafter referred to as Point "A"; thence North 34 degrees 50 minutes 20 seconds East 201.39 feet to the point of beginning of the tract to be herein described; thence South 34 degrees 50 minutes 20 seconds West 201.39 feet to said Point "A"; thence North 60 degrees 10 minutes 04 seconds East 39.73 feet; thence South 55 degrees 09 minutes 40 seconds East 33.00 feet; thence North 34 degrees 50 minutes 20 seconds East 568.86 feet; thence North 48 degrees 49 minutes 43 seconds West 324 feet, more or less, to the shoreline of Ten Mile Lake; thence southwesterly along said shoreline to the intersection with a line bearing North 19 degrees 00 minutes 56 seconds West from the point of beginning; thence South 19 degrees 00 minutes 56 seconds East 415 feet, more or less, to the point of beginning.

SUBJECT TO easements, restrictions, and reservations of record.  
SUBJECT TO Easement No. 3.

### MIDDLE TRACT

That part of Government Lot 4 and that part of Government Lot 5, both in Section 1, Township 140 North, Range 31 West, Cass County, Minnesota, described as follows: COMMENCING at the southeast corner of the Northeast Quarter of the Southwest Quarter, said Section 1 and assigning the North-South Quarter line to bear North 01 degrees 57 minutes 29 seconds East; thence South 89 degrees 12 minutes 59 seconds West, along the south line of said Northeast Quarter of the Southwest Quarter and said Government Lot 5, a distance of 1681.83 feet; thence North 00 degrees 43 minutes 30 seconds West 416.81 feet; thence northwesterly 189.46 feet, along a nontangential curve, concave to the northeast, having a radius of 183.00 feet, a central angle of 59 degrees 19 minutes 05 seconds, and the chord bears North 46 degrees 55 minutes 29 seconds West for a chord distance of 181.11 feet; thence North 17 degrees 15 minutes 57 seconds West, tangent to said curve, 461.20 feet; thence northeasterly 407.85 feet, along a tangential curve, concave to the southeast, having a radius of 233.00 feet, and a central angle of 100 degrees 17 minutes 29 seconds; thence North 83 degrees 01 minutes 32 seconds East, tangent to said last described curve, 116.40 feet; thence North 73 degrees 25 minutes 51 seconds East 398.37 feet, thence continue North 73 degrees 25 minutes 51 seconds East 21.58 feet; thence North 60 degrees 10 minutes 04 seconds East 117.91 feet to a point hereinafter referred to as Point "A"; thence North 34 degrees 50 minutes 20 seconds East 201.39 feet to the point of beginning of the tract to be herein described; thence South 34 degrees 50 minutes 20 seconds West 201.39 feet to said Point "A"; thence North 60 degrees 10 minutes 04 seconds East 39.73 feet; thence South 55 degrees 09 minutes 40 seconds East 33.00 feet; thence North 34 degrees 50 minutes 20 seconds East 568.86 feet; thence North 48 degrees 49 minutes 43 seconds West 324 feet, more or less, to the shoreline of Ten Mile Lake; thence southwesterly along said shoreline to the intersection with a line bearing North 19 degrees 00 minutes 56 seconds West from the point of beginning; thence South 19 degrees 00 minutes 56 seconds East 415 feet, more or less, to the point of beginning.

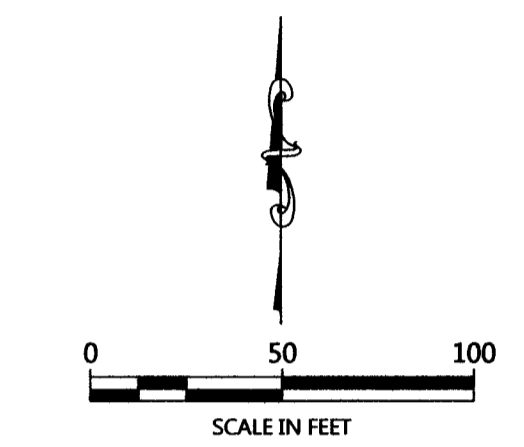
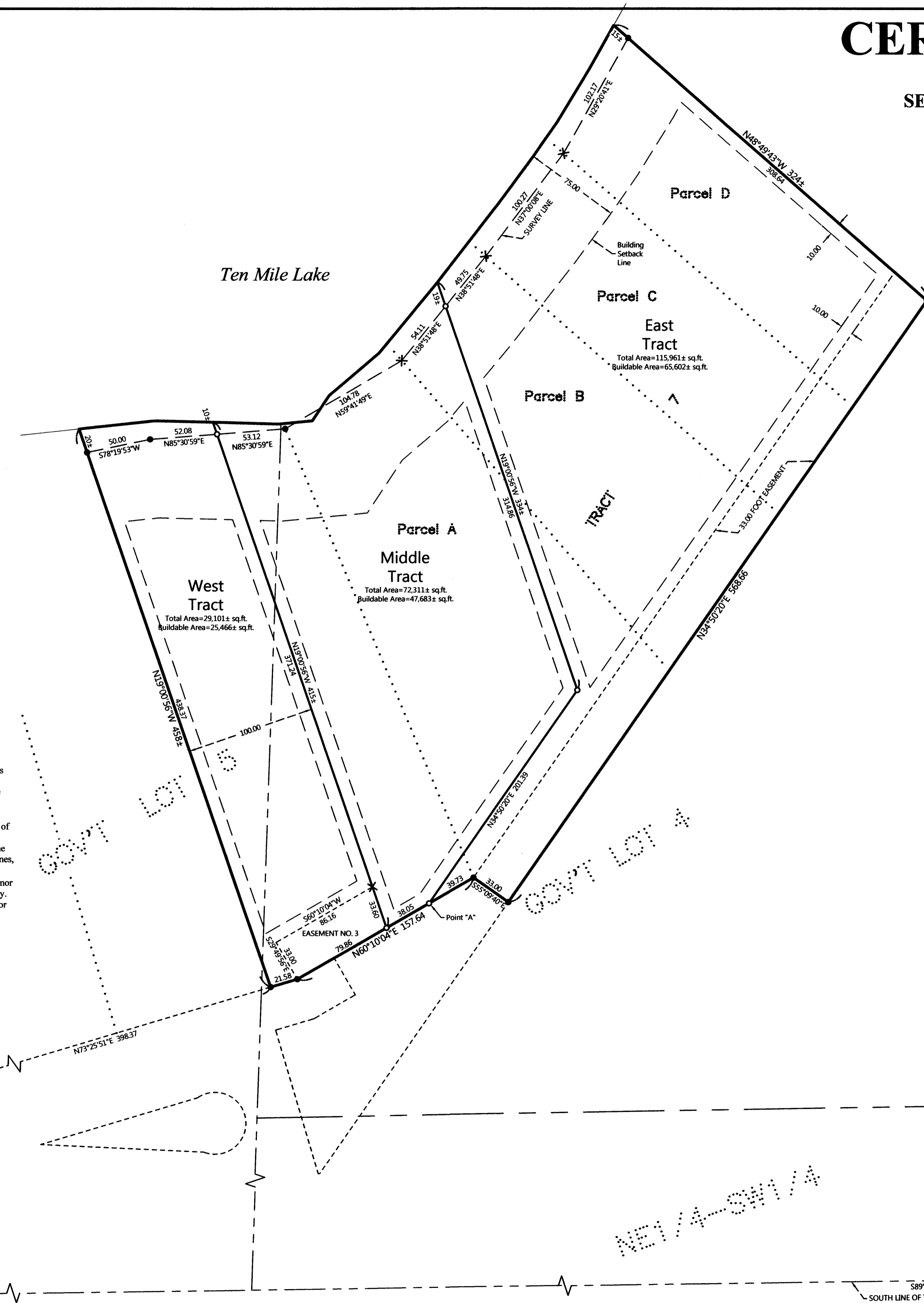
SUBJECT TO easements, restrictions, and reservations of record.  
TOGETHER with Easement No. 3.

### EAST TRACT

That part of Government Lot 4, Section 1, Township 140 North, Range 31 West, Cass County, Minnesota, described as follows: COMMENCING at the southeast corner of the Northeast Quarter of the Southwest Quarter, said Section 1 and assigning the North-South Quarter line to bear North 01 degrees 57 minutes 29 seconds East; thence South 89 degrees 12 minutes 59 seconds West, along the south line of said Northeast Quarter of the Southwest Quarter and said Government Lot 5, a distance of 1681.83 feet; thence North 00 degrees 43 minutes 30 seconds West 416.81 feet; thence northwesterly 189.46 feet, along a nontangential curve, concave to the northeast, having a radius of 183.00 feet, a central angle of 59 degrees 19 minutes 05 seconds, and the chord bears North 46 degrees 55 minutes 29 seconds West for a chord distance of 181.11 feet; thence North 17 degrees 15 minutes 57 seconds West, tangent to said curve, 461.20 feet; thence northeasterly 407.85 feet, along a tangential curve, concave to the southeast, having a radius of 233.00 feet, and a central angle of 100 degrees 17 minutes 29 seconds; thence North 83 degrees 01 minutes 32 seconds East, tangent to said last described curve, 116.40 feet; thence North 73 degrees 25 minutes 51 seconds East 398.37 feet; thence continue North 73 degrees 25 minutes 51 seconds East 21.58 feet; thence North 60 degrees 10 minutes 04 seconds East 117.91 feet to a point hereinafter referred to as Point "A"; thence North 34 degrees 50 minutes 20 seconds East 201.39 feet to the point of beginning of the tract to be herein described; thence South 34 degrees 50 minutes 20 seconds West 201.39 feet to said Point "A"; thence North 60 degrees 10 minutes 04 seconds East 39.73 feet; thence South 55 degrees 09 minutes 40 seconds East 33.00 feet; thence North 34 degrees 50 minutes 20 seconds East 568.86 feet; thence North 48 degrees 49 minutes 43 seconds West 324 feet, more or less, to the shoreline of Ten Mile Lake; thence southwesterly along said shoreline to the intersection with a line bearing North 19 degrees 00 minutes 56 seconds West from the point of beginning; thence South 19 degrees 00 minutes 56 seconds East 415 feet, more or less, to the point of beginning.

### EASEMENT NO. 3

That part of Government Lot 4, Section 1, Township 140 North, Range 31 West, Cass County, Minnesota, described as follows: COMMENCING at the southeast corner of the Northeast Quarter of the Southwest Quarter, said Section 1 and assigning the North-South Quarter line to bear North 01 degrees 57 minutes 29 seconds East; thence South 89 degrees 12 minutes 59 seconds West, along the south line of said Northeast Quarter of the Southwest Quarter and said Government Lot 5, a distance of 1681.83 feet; thence North 00 degrees 43 minutes 30 seconds West 416.81 feet; thence northwesterly 189.46 feet, along a nontangential curve, concave to the northeast, having a radius of 183.00 feet, a central angle of 59 degrees 19 minutes 05 seconds, and the chord bears North 46 degrees 55 minutes 29 seconds West for a chord distance of 181.11 feet; thence North 17 degrees 15 minutes 57 seconds West, tangent to said curve, 461.20 feet; thence northeasterly 407.85 feet, along a tangential curve, concave to the southeast, having a radius of 233.00 feet, and a central angle of 100 degrees 17 minutes 29 seconds; thence North 83 degrees 01 minutes 32 seconds East, tangent to said last described curve, 116.40 feet; thence North 73 degrees 25 minutes 51 seconds East 398.37 feet; thence continue North 73 degrees 25 minutes 51 seconds East 21.58 feet; thence North 60 degrees 10 minutes 04 seconds East 117.91 feet to a point hereinafter referred to as Point "A"; thence North 34 degrees 50 minutes 20 seconds East 201.39 feet to the point of beginning of the tract to be herein described; thence South 34 degrees 50 minutes 20 seconds West 201.39 feet to said Point "A"; thence North 60 degrees 10 minutes 04 seconds East 39.73 feet; thence South 55 degrees 09 minutes 40 seconds East 33.00 feet; thence North 34 degrees 50 minutes 20 seconds East 568.86 feet; thence North 48 degrees 49 minutes 43 seconds West 324 feet, more or less, to the shoreline of Ten Mile Lake; thence southwesterly along said shoreline to the intersection with a line bearing North 19 degrees 00 minutes 56 seconds West from the point of beginning; thence South 19 degrees 00 minutes 56 seconds East 415 feet, more or less, to the point of beginning.



ORIENTATION OF THIS BEARING SYSTEM IS BASED ON THE NORTH-SOUTH QUARTER LINE OF SECTION 1 TO HAVE AN ASSIGNED BEARING OF N 01°57'29" E.

## LEGEND

- DENOTES IRON MONUMENT SET & MARKED BY LICENSE NO. 21367
- DENOTES MONUMENT FOUND
- × DENOTES CALCULATED POSITION

## NOTES:

1. Zoning for subject tract = Shoreland Residential.
2. Parcel ID for subject tract = 16-001-3129, 16-001-2400, 16-001-2403, 16-001-2404, and 16-001-2405.
3. No improvements, topography, or wetland information has been surveyed or shown on this certificate. The National Wetland Inventory maps do not show any wetlands on the subject property. Previous surveys of these parcels do not show any wetlands.
4. 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.
5. 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.

N83°01'32"E 116.40  
 Δ=100°17'29" R=233.00 L=407.85  
 N17°15'57"W 461.20  
 Δ=59°19'05" R=183.00 L=189.46  
 C Brg=N46°55'29"W C=181.11  
 N00°43'30"W 416.81

REVISIONS:	DATE	DESCRIPTION
1	12-28-2015	New Tract Layout

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

TERRY L. FREEMAN  
 LIC. NO. 21367

**NORTHERN ENGINEERING AND CONSULTING, INC.**  
 P.O. Box 292, Walker, MN, 56484  
 Phone: 218-547-1296, Fax: 218-547-2272  
 web: www.nectusa.com

CERTIFICATE OF SURVEY  
 Rob Gregory  
 735 Somerby Parkway NE  
 Byron, MN 55920

JOB NO. 15-063  
 DATE: 08-27-2015

SHEET NO.  
 1 OF 1