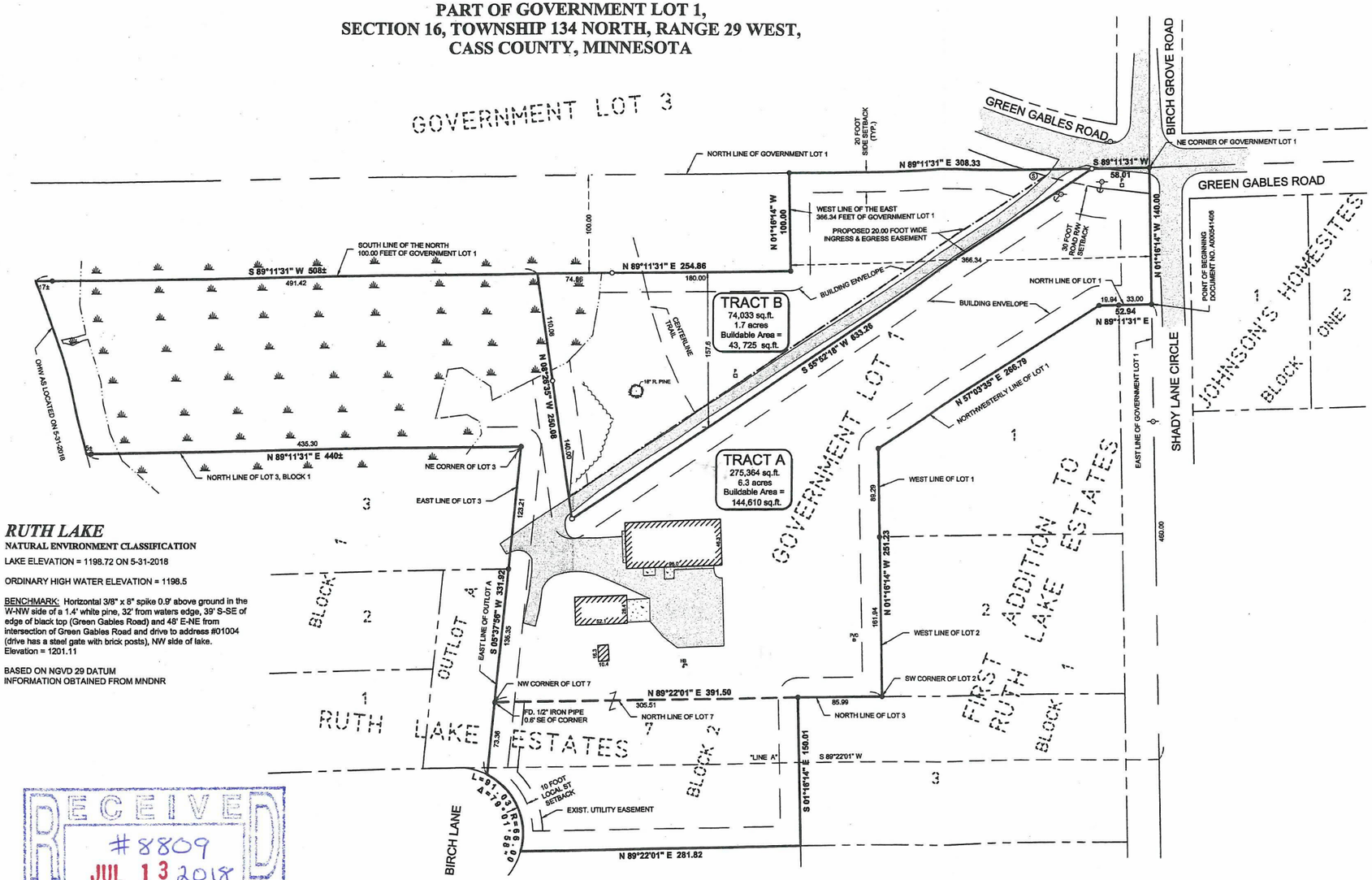
CERTIFICATE OF SURVEY

PART OF GOVERNMENT LOT 1, SECTION 16, TOWNSHIP 134 NORTH, RANGE 29 WEST, CASS COUNTY, MINNESOTA



RUTH LAKE
NATURAL ENVIRONMENT CLASSIFICATION

LAKE ELEVATION = 1198.72 ON 5-31-2018

ORDINARY HIGH WATER ELEVATION = 1198.5

BENCHMARK: Horizontal 3/8" x 8" spike 0.9' above ground in the W-NW side of a 1.4' white pine, 32' from waters edge, 39' S-SE of edge of black top (Green Gables Road) and 48' E-NE from intersection of Green Gables Road and drive to address #01004 (drive has a steel gate with brick posts), NW side of lake. Elevation = 1201.11

BASED ON NGVD 29 DATUM
INFORMATION OBTAINED FROM MNDNR

RECEIVED
#8809
JUL 13 2018
GL1 16-134-29
COUNTY SURVEYOR

LEGEND

- DENOTES EDGE OF EXISTING BITUMINOUS
- DENOTES EDGE OF EXISTING CONCRETE
- DENOTES WET LAND(S)
- DENOTES EXISTING UTILITY POLE W/ GUY WIRE
- DENOTES EXISTING PHONE PEDESTAL & PHONE BOX
- DENOTES EXISTING HOSE BIB
- DENOTES EXISTING SANITARY SEWER MANHOLE
- DENOTES EXISTING SEPTIC VENT, SEPTIC CLEANOUT, & SEPTIC TANK LID
- DENOTES MONUMENT FOUND

N

60 0 60 120
SCALE IN FEET

ORIENTATION OF THIS BEARING SYSTEM IS BASED ON THE NORTH LINE OF GOVERNMENT LOT 1 TO HAVE AN ASSUMED BEARING OF N 89°11'31" E.

NOTES:

1. Zoning for subject tract = "R2-Residential & R-3 Shoreline Residential".
2. Wetland delineation was completed on 5-29-2018 by Mitchell Brinks, Brinks Wetland Services, LLC Certified Wetland Delineator #1007.
3. Parcel ID of subject parcel: 87-016-1104 & 87-351-0270.
4. The property address of subject parcel: 803 Green Gables Road.

IMPERVIOUS CALCULATIONS

EXISTING TRACT A	IMPERVIOUS AREA (sq.ft.)	Net Area (sq.ft)	Percent Impervious (sq.ft)
Buildings	6,093	275,364	2.2%
Concrete	7,048	275,364	2.6%
Bituminous	11,579	275,364	4.2%
Total	24,720	275,364	9.0%

LEGAL DESCRIPTION PER DOCUMENT NUMBER A000541406

All that part of Government Lot One (1), Section Sixteen (16), Township One Hundred Thirty-four (134), Range Twenty-nine (29), described as follows:
Commencing at the iron monument on the West line of the Southeast Quarter of the Northeast Quarter of said Section 16 which is the Northeast corner of Lot 2, Block 2, Oakwood Shores, according to the recorded plat thereof on file in the Cass County Recorder's Office and assuming said West line of the Southeast Quarter of the Northeast Quarter bears South 01 degree 09 minutes 41 seconds East from said iron monument; thence North 56 degrees 18 minutes 53 seconds East 194.67 feet to an iron monument; thence Northeasterly 233.55 feet along a tangential curve, concave to the Northwest, central angle 28 degrees 42 minutes 57 seconds and radius 466.00 feet to an iron monument; thence North 27 degrees 35 minutes 56 seconds East, along tangent, 357.93 feet to an iron monument; thence Northeasterly 171.00 feet along a tangential curve, concave to the Northwest, central angle 17 degrees 18 minutes 36 seconds and radius 566.00 feet to an iron monument; thence North 10 degrees 17 minutes 20 seconds East, along tangent, 191.08 feet to an iron monument; thence Northeasterly 65.24 feet along a tangential curve, concave to the Northwest, central angle 04 degrees 52 minutes 47 seconds, radius 766.00 feet and the chord of said curve bears North 07 degrees 50 minutes 56 seconds East 65.22 feet to an iron monument on a 66.00 foot radius curve, the center of circle of said 66.00 foot radius bears North 04 degrees 58 minutes 42 seconds East from said iron monument; thence Northeasterly, Northerly and Northwesterly 207.37 feet along said 66.00 foot radius curve, concave to the West, central angle 180 degrees 01 minutes 14 seconds and the chord of said curve bears North 04 degrees 58 minutes 04 seconds East 132.00 feet to an iron monument; thence North 89 degrees 22 minutes 01 second East 703.87 feet along a line hereinafter referred to as "Line A" to a point on the East line of said Government Lot 1 distant 600.00 feet South of the Northeast corner of said Government Lot 1; thence North 01 degree 16 minutes 14 seconds West 460.00 feet along the East line of said Government Lot 1 to the point of beginning of the tract to be described; thence South 89 degrees 11 minutes 31 seconds West 52.94 feet; thence South 57 degrees 03 minutes 35 seconds West 266.79 feet; thence South 01 degree 16 minutes 14 seconds East 251.23 feet to a line distant 66.00 feet North of as measured at a right angle to and parallel with the aforesaid "Line A"; thence South 89 degrees 22 minutes 01 second West 391.50 feet, parallel with said "Line A"; thence North 05 degrees 37 minutes 56 seconds East 258.56 feet; thence South 89 degrees 11 minutes 31 seconds West 460 feet, more or less, to the shore of Ruth Lake; thence Northerly along said shore to the South line of the North 100.00 feet of said Government Lot 1; thence North 89 degrees 11 minutes 31 seconds East 783 feet, more or less, along said South line of the North 100.00 feet to the West line of the East 366.34 feet of said Government Lot 1; thence North 01 degree 16 minutes 14 seconds West 100.00 feet along said West line of the East 366.34 feet of Government Lot 1 to the North line of said Government Lot 1; thence North 89 degrees 11 minutes 31 seconds East 366. 34 feet along said North line of Government Lot 1 to the Northeast corner of said Government Lot 1; thence South 01 degree 16 minutes 14 seconds East 140.00 feet along said East line of Government Lot 1 to the point of beginning.

Subject to the right of way for Green Gables Road. Cass County, Minnesota.

PROPOSED BOUNDARY DESCRIPTIONS:

TRACT A
That part of Government Lot 1, Section 16, Township 134 North, Range 29 West, Cass County, Minnesota, described as follows: Beginning at the northeast corner of said Government Lot 1; thence South 89 degrees 11 minutes 31 seconds West, assumed bearing, along the north line of said Government Lot 1 for a distance of 58.01 feet; thence South 55 degrees 52 minutes 18 seconds West 633.26 feet; thence North 08 degrees 26 minutes 35 seconds West 250.08 feet to the south line of the north 100.00 feet of said Government Lot 1; thence South 89 degrees 11 minutes 31 seconds West along said south line 508 feet, more or less, to the shoreline of Ruth Lake; thence southeasterly along said shoreline to the north line of Lot 3, Block 1, RUTH LAKE ESTATES, according to the recorded plat thereof, said county; thence North 89 degrees 11 minutes 31 seconds East along said last described north line 440 feet, more or less, to the northeast corner of said Lot 3; thence South 05 degrees 37 minutes 56 seconds West along the east line of said Lot 3 and the east line of Outlot A, said plat 258.56 feet to the northwest corner of Lot 7, Block 2 said plat; thence North 89 degrees 22 minutes 01 second East along the north line of said Lot 7 and the north line of Lot 3, Block 1, FIRST ADDITION TO RUTH LAKE ESTATES, according to the recorded plat thereof, said county 391.50 feet to the southwest corner of Lot 2, Block 1, said last described plat; thence North 01 degree 16 minutes 14 seconds West along the west line of said Lot 2 and the west line of Lot 1, Block 1, said last described plat 251.23 feet to a bend point in said Lot 1; thence North 57 degrees 03 minutes 35 seconds East along the northwesterly line of said Lot 1 for a distance of 266.79 feet to a bend point on the north line of said Lot 1; thence North 89 degrees 11 minutes 31 seconds East along the north line of said Lot 1for a distance of 52.94 feet to the east line of said Government Lot 1; thence North 01 degree 16 minutes 14 seconds West along said east line 140.00 feet, more or less, to the point of beginning.
AND
Lot 7, Block 2, RUTH LAKE ESTATES, according to the recorded plat thereof, said county.

Together with a 20.00 foot wide easement for ingress and egress purposes over and across that part of said Government Lot 1, the southerly line of said easement is described as follows: Commencing at the northeast corner of said Government Lot 1; thence South 89 degrees 11 minutes 31 seconds West, assumed bearing, along the north line of said Government Lot 1 for a distance of 58.01 feet to the point of beginning of the line to be herein described; thence South 55 degrees 52 minutes 18 seconds West 633.26 feet and said described line there terminating.

The sidelines of said easement shall be prolonged or shortened to terminate on the southerly right-of-way line of Green Gables Road and on a line bearing North 08 degrees 26 minutes 35 seconds West from the point of termination.

Subject to Green Gables Road and Shady Lane Circle rights-of-way.
Also subject to easements, restrictions and reservations of record.

TRACT B
That part of Government Lot 1, Section 16, Township 134 North, Range 29 West, Cass County, Minnesota, described as follows: Commencing at the northeast corner of said Government Lot 1; thence South 89 degrees 11 minutes 31 seconds West, assumed bearing, along the north line of said Government Lot 1 for a distance of 58.01 feet to the point of beginning of the tract to be herein described; thence South 55 degrees 52 minutes 18 seconds West 633.26 feet; thence North 08 degrees 26 minutes 35 seconds West 250.08 feet to the south line of the north 100.00 feet of said Government Lot 1; thence North 89 degrees 11 minutes 31 seconds East along said south line 254.86 to the west line of the east 366.34 feet of said Government Lot 1; thence North 01 degree 16 minutes 14 seconds West along said west line 100.00 feet to said north line; thence North 89 degrees 11 minutes 31 seconds East along said north line 308.33 feet, more or less, to the point of beginning.

Subject to a 20.00 foot wide easement for ingress and egress purposes over and across that part of said Government Lot 1, the southerly line of said easement is described as follows: Commencing at the northeast corner of said Government Lot 1; thence South 89 degrees 11 minutes 31 seconds West, assumed bearing, along the north line of said Government Lot 1 for a distance of 58.01 feet to the point of beginning of the line to be herein described; thence South 55 degrees 52 minutes 18 seconds West 633.26 feet and said described line there terminating.

The sidelines of said easement shall be prolonged or shortened to terminate on the southerly right-of-way line of Green Gables Road and on a line bearing North 08 degrees 26 minutes 35 seconds West from the point of termination.

Subject to Green Gables Road right-of-way.
Also subject to easements, restrictions and reservations of record.

STONEMARK LAND SURVEYING
30206 Rasmussen Road
Suite 1
P. O. Box 874
Pequot Lakes, MN 56472
218-568-8940
www.stonemarksurvey.com

I HEREBY CERTIFY THAT THIS SURVEY, PLAN, SPECIFICATION, 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.
Cynthia M. Hiddle
CYNTHIA M. HIDDE P.LS#44881
DATE 6/21/18
LIC. NO. 44881

REVISIONS		
DATE	DESCRIPTION	BY

CERTIFICATE OF SURVEY
Jeremy Velasco
803 Green Gables Road NW
East Gull Lake, MN 56401

PROJECT MANAGER: CMH	PROJECT No.: 18144	DATE: 6-21-2018	
CHECKED BY: CMH	FILE NAME: C18144.dwg	SCALE: HORZ. 1"=60'	VERT. NONE
DRAWN BY: RJF	FIELD BOOK: BOOK 449	PG. 45&46	

SHEET 1 OF 1

Roger Forcelle — F:\Drawings\2018\18144 Velasco\C18144-1.dwg