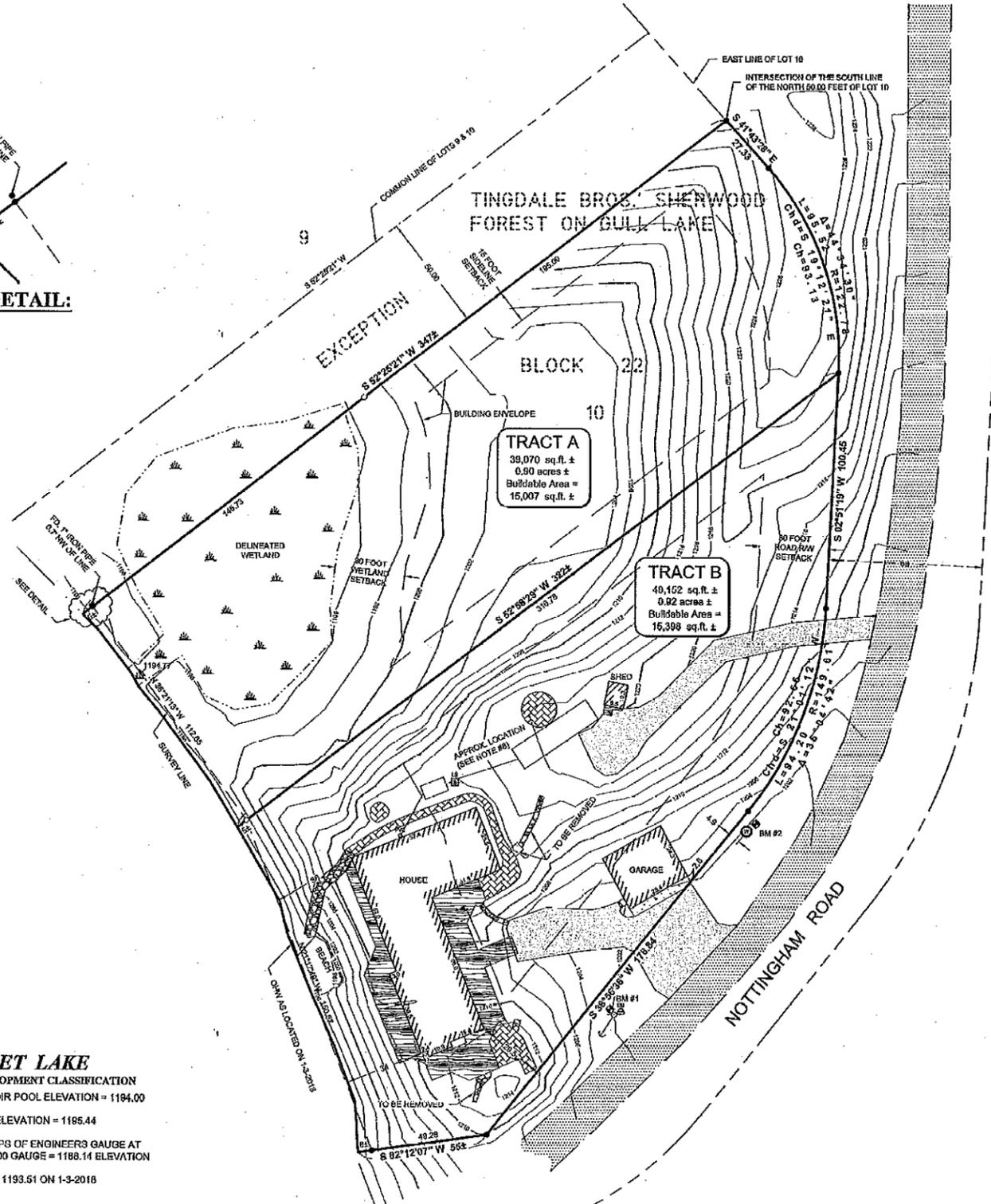
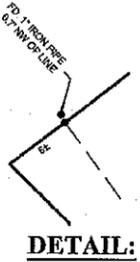


# CERTIFICATE OF SURVEY

PART OF LOT 10, BLOCK 22,  
TINGDALE BROS.' SHERWOOD FOREST ON GULL  
SECTION 20, TOWNSHIP 135 NORTH, RANGE 29 WEST,  
CASS COUNTY, MINNESOTA



### LEGAL DESCRIPTION PER DOCUMENT NUMBER 451945

Lot 10, Block 22, Tingdale Bros. Sherwood Forest on Gull Lake, according to the recorded plat thereof on file or record in the office of the Registrar of Deeds for said County. Excepting therefrom the North 50 feet. Said 50 feet established by a line running 50 feet from and parallel to the common line between Lots 9 and 10, Block 22, said Tingdale Bros. Sherwood Forest on Gull Lake.

together with all hereditaments and appurtenances.

### PROPOSED BOUNDARY DESCRIPTIONS:

**TRACT A**  
That part of Lot 10, Block 22, TINGDALE BROS.' SHERWOOD FOREST ON GULL LAKE, according to the recorded plat thereof, Cass County, Minnesota, lying south of the north 50.00 feet, said 50 feet established by a line running 50 feet from and parallel to the common line between Lots 9 and 10, Block 22, said plat and lying northerly of the following described line: Commencing at an iron pipe monument on the east line of said Lot 10 at the intersection with the south line of the north 50.00 feet of said Lot 10 and assuming the line common to Lots 9 and 10, Block 22, said plat bears South 52 degrees 25 minutes 21 seconds East; thence South 41 degrees 43 minutes 28 seconds East along said east line 27.33 feet to an iron pipe monument; thence southeasterly 95.52 feet along a non-tangential curve concave to the southwest having a radius of 122.78 feet, a central angle of 44 degrees 34 minutes 30 seconds and a chord bearing of South 19 degrees 12 minutes 21 seconds East for a chord distance of 93.13 feet to an iron pipe monument being the point of beginning of the line to be herein described; thence South 52 degrees 58 minutes 29 seconds West 322 feet, more or less, to the shoreline of Margaret Lake and said described line there terminating.

Subject to easements, restrictions and reservations of record.

**TRACT B**  
That part of Lot 10, Block 22, TINGDALE BROS.' SHERWOOD FOREST ON GULL LAKE, according to the recorded plat thereof, Cass County, Minnesota, lying southerly of the following described line: Commencing at an iron pipe monument on the east line of said Lot 10 at the intersection with the south line of the north 50.00 feet of said Lot 10, said 50 feet established by a line running 50 feet from and parallel to the common line between Lots 9 and 10, Block 22, said plat and assuming the line common to Lots 9 and 10, Block 22, said plat bears South 52 degrees 25 minutes 21 seconds East; thence South 41 degrees 43 minutes 28 seconds East along said east line 27.33 feet to an iron pipe monument; thence southeasterly 95.52 feet along a non-tangential curve concave to the southwest having a radius of 122.78 feet, a central angle of 44 degrees 34 minutes 30 seconds and a chord bearing of South 19 degrees 12 minutes 21 seconds East for a chord distance of 93.13 feet to an iron pipe monument being the point of beginning of the line to be herein described; thence South 52 degrees 58 minutes 29 seconds West 322 feet, more or less, to the shoreline of Margaret Lake and said described line there terminating.

Subject to easements, restrictions and reservations of record.

**IMPERVIOUS CALCULATIONS**

EXISTING TRACT B	IMPERVIOUS AREA (sq.ft.)	Net Area (sq.ft.)	Percent Impervious (sq.ft.)
House	3,308	40,152	8.2%
Garage	891	40,152	1.7%
Shed	87	40,152	0.2%
Concrete, Flagstone & Pavers	1,328	40,152	3.3%
Bituminous	2,604	40,152	6.5%
<b>Total</b>	<b>8,016</b>	<b>40,152</b>	<b>20.0%</b>

### NOTES:

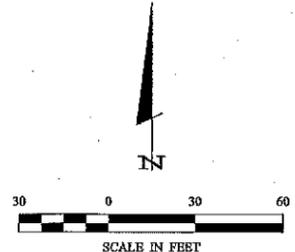
- Contour interval as shown = 2 feet. Based on NGVD 29 datum. Contours shown have been obtained using standard survey topographic methodologies. Field located on 1-3-2018.
- Zoning for subject tract = "Residential, Medium Density R-2 (Shoreline)".
- There are no bluffs within surveyed property.
- Wetland delineation was completed on 12-15-2017, by Ben Meister, Meister Environmental, LLC. MN Certified Wetland Delineator #1031.
- Parcel ID of subject parcel: 90-437-2250.
- The property address of subject parcel: 8679 Nottingham Road.
- There was a snow depth of 64 inches when survey crew collected topographic data. Therefore, some physical features covered by snow may not have been identified. Only visible topographic features, improvements, and utilities were located. Site verification in spring when the snow cover is gone is recommended.
- Approximate location of septic system per sketch prepared by LouAnn Maschler, Maschler Septic Consultants, LLC.

### LEGEND

- DENOTES EDGE OF EXISTING BITUMINOUS
- DENOTES EDGE OF EXISTING GRAVEL
- DENOTES EDGE OF EXISTING CONCRETE
- DENOTES EDGE OF EXISTING PAVING STONES
- DENOTES EDGE EXISTING FLAGSTONE
- DENOTES EDGE OF EXISTING WOODEN DECKING
- DENOTES EXISTING INTERMEDIATE CONTOURS
- DENOTES EXISTING INDEX CONTOURS
- DENOTES SPOT ELEVATION (EXISTING GRADE)
- DENOTES WET LAND(S)
- DENOTES EXISTING UTILITY POLE W/GUY WIRE
- DENOTES EXISTING ELECTRIC METER
- DENOTES EXISTING WELL
- DENOTES EXISTING SEPTIC VENT, SEPTIC CLEANOUT, & SEPTIC TANK LID
- DENOTES EXISTING SEPTIC LIFT STATION
- BENCHMARK #1: 3RD SPIKE IN POWER POLE. ELEV. = 1202.19
- BENCHMARK #2: HIGH POINT OF WELL. ELEV. = 1203.02
- DENOTES MONUMENT FOUND
- DENOTES IRON MONUMENT SET MARKED BY LICENSE No. 44881

ORIENTATION OF THIS BEARING SYSTEM IS BASED ON THE COMMON LINE OF LOTS 9 & 10 TO HAVE AN ASSUMED BEARING OF S 52°52'21" W.

**MARGARET LAKE**  
GENERAL DEVELOPMENT CLASSIFICATION  
NORMAL RESERVOIR POOL ELEVATION = 1194.00  
HIGHEST KNOWN ELEVATION = 1195.44  
BENCHMARK: CORPS OF ENGINEERS GAUGE AT GULL LAKE DAM 0.00 GAUGE = 1188.14 ELEVATION  
LAKE ELEVATION = 1193.51 ON 1-3-2018



3006 Rasmussen Road  
Suite 1  
P. O. Box 874  
Piquette Lakes, MN 56472  
218-568-6940  
www.southmnsurvey.com

DATE: 1-29-2018  
BY: [Signature]  
DATE: 1-29-2018  
BY: [Signature]

REVISIONS: [Table with columns for DATE, DESCRIPTION, and BY]

PROJECT NO.: 17484  
FILE NAME: C:\17484.dwg  
FIELD BOOK: [Blank]  
BOOK #48, ps. 67

CERTIFICATE OF SURVEY  
SHEET 1 OF 1

JP & Jepphine Elsemper  
8376 Gullwood Road  
Nisswa, MN 56468

#8832 MJL 10-09-2018