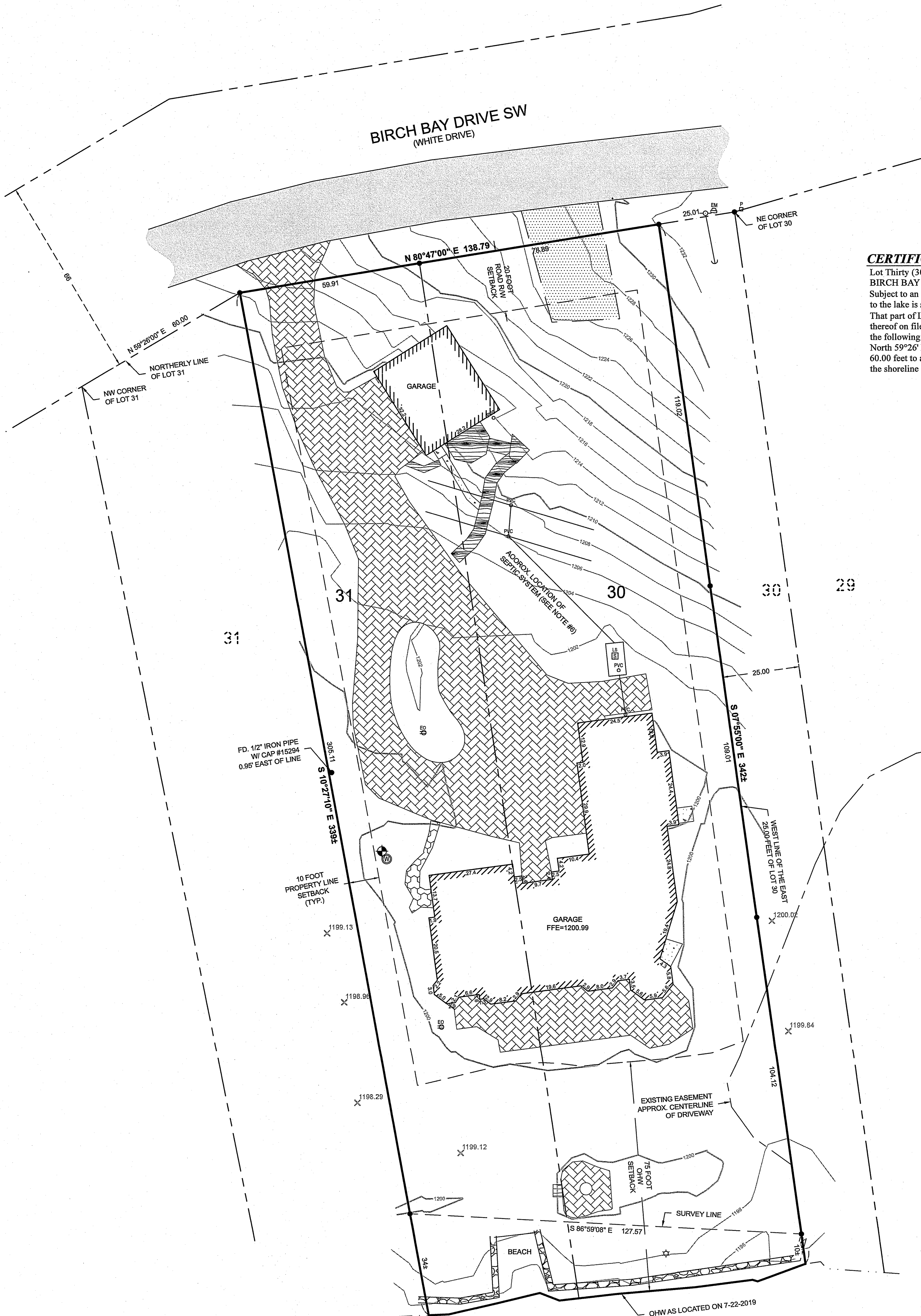


CERTIFICATE OF SURVEY

PART OF LOTS 30 AND 31, BIRCH BAY ON BIG GULL,
SECTION 5, TOWNSHIP 134 NORTH, RANGE 29 WEST,
CASS COUNTY, MINNESOTA
AREA = 44,799 SQ.FT.± / 1.0 ACRE±



CERTIFICATE OF TITLE NO. 9355

Lot Thirty (30), BIRCH BAY ON BIG GULL, Except the East 25 feet of Lot Thirty (30), BIRCH BAY ON BIG GULL.
Subject to an easement over that portion of Lot 30 where the existing blacktop driveway to the lake is situated.
That part of Lot Thirty-one (31), BIRCH BAY ON BIG GULL, according to the plat thereof on file in the Register of Deeds office for Cass County, Minnesota, lying Easterly the following described line: Commencing at the northwest corner of said Lot 31; thence North 59°26' East assumed bearing along the northerly line of said Lot 31 a distance of 60.00 feet to an angle point thereon; thence South 10°27'10" East 347 feet, more or less, to the shoreline of Gull Lake and said line there terminating.

LEGEND

- DENOTES EDGE OF EXISTING BITUMINOUS
 - DENOTES EDGE OF EXISTING GRAVEL
 - DENOTES EDGE OF EXISTING CONCRETE
 - DENOTES EDGE OF EXISTING PAVING STONES
 - DENOTES EXISTING FLAGSTONE
 - DENOTES EDGE OF EXISTING WOODEN DECKING
 - DENOTES EDGE OF EXISTING RIP-RAP
 - DENOTES EXISTING INTERMEDIATE CONTOURS
 - DENOTES EXISTING INDEX CONTOURS
 - DENOTES SPOT ELEVATION (EXISTING GRADE)
 - DENOTES EXISTING MOUNTED LIGHT
 - DENOTES EXISTING UTILITY POLE W/ GUY WIRE
 - DENOTES EXISTING ELECTRIC METER
 - DENOTES EXISTING ELECTRIC OUTLET
 - DENOTES EXISTING PHONE PEDESTAL & PHONE BOX
 - DENOTES EXISTING WELL
 - DENOTES EXISTING SEPTIC VENT, SEPTIC CLEANOUT, & SEPTIC TANK LID
 - BENCHMARK: HIGH POINT OF WELL
ELEV. = 1201.50
 - DENOTES MONUMENT FOUND
- ORIENTATION OF THIS BEARING SYSTEM IS BASED ON THE RECORDED PLAT OF BIRCH BAY ON BIG GULL.

GULL LAKE

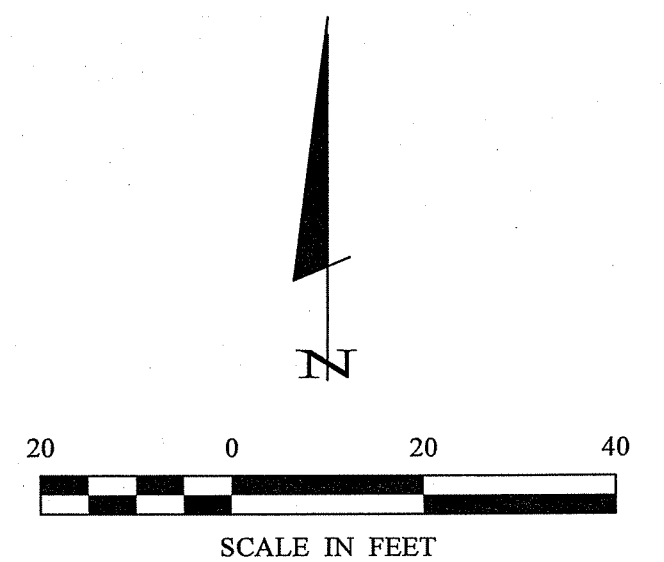
GENERAL DEVELOPMENT CLASSIFICATION
NORMAL RESERVOIR POOL ELEVATION = 1194.00
HIGHEST KNOWN ELEVATION = 1195.44
BENCHMARK: CORPS OF ENGINEERS GAUGE AT GULL LAKE DAM 0.00 GAUGE = 1188.14 ELEVATION
LAKE ELEVATION = 1194.00 ON 7-22-2019

IMPERVIOUS CALCULATIONS

| EXISTING | IMPERVIOUS AREA (sq. ft.) | Net Area (sq. ft.) | Percent Impervious (sq. ft.) |
|------------------------------|---------------------------|--------------------|------------------------------|
| House | 4,519 | 44,799 | 10.1% |
| Garage | 909 | 44,799 | 2.0% |
| Decks | 370 | 44,799 | 0.8% |
| Flagstone, Pavers & Concrete | 8,866 | 44,799 | 19.8% |
| Gravel | 622 | 44,799 | 1.4% |
| Total | 15,286 | 44,799 | 34.1% |

NOTES:

- Contour interval as shown = 2 foot. Based on NGVD 29 datum. Contours shown have been obtained using standard survey topographic methodologies. Field located on 7-22-2019.
- Zoning for subject tract = "Shoreland-Shoreland Residential".
- There are no bluffs or wet lands within surveyed property.
- Parcel ID of subject parcel: 14-363-0324.
- The property address of subject parcel: 9864 Birch Bay Drive SW.
- Approximate location of septic system per sketch prepared by Martin Joyce, Martin Joyce Septic Service, LLC.



| | | | | | | | |
|--------|---|-------------------------|--------------------------------|-------------------------|-----------|---|---|
| 1 OF 1 | CERTIFICATE OF SURVEY | PROJECT MANAGER: CMH | PROJECT No.: 19185 | DATE: 7-29-2019 | REVISIONS | 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 PROFESSIONAL ENGINEER OR LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MINNESOTA. CYNTHIA M. HILDE DATE: 7/29/19 LIC. NO. 4488 | 30206 Rasmussen Road Suite 1 P. O. Box 874 Pequot Lakes, MN 56472 218-568-4940 www.stonemarksurvey.com |
| | Rem-Whirl, LLC. 33816 County Road 3 Crosslake, MN 56442 | CHECKED BY: CMH | FILE NAME: C19185.dwg | SCALE: HORIZ. 1"=20' | DATE | | |
| | | DRAWN BY: RJF | FIELD BOOK: BOOK 453 PG. 65 | VERT. NONE | | | |