

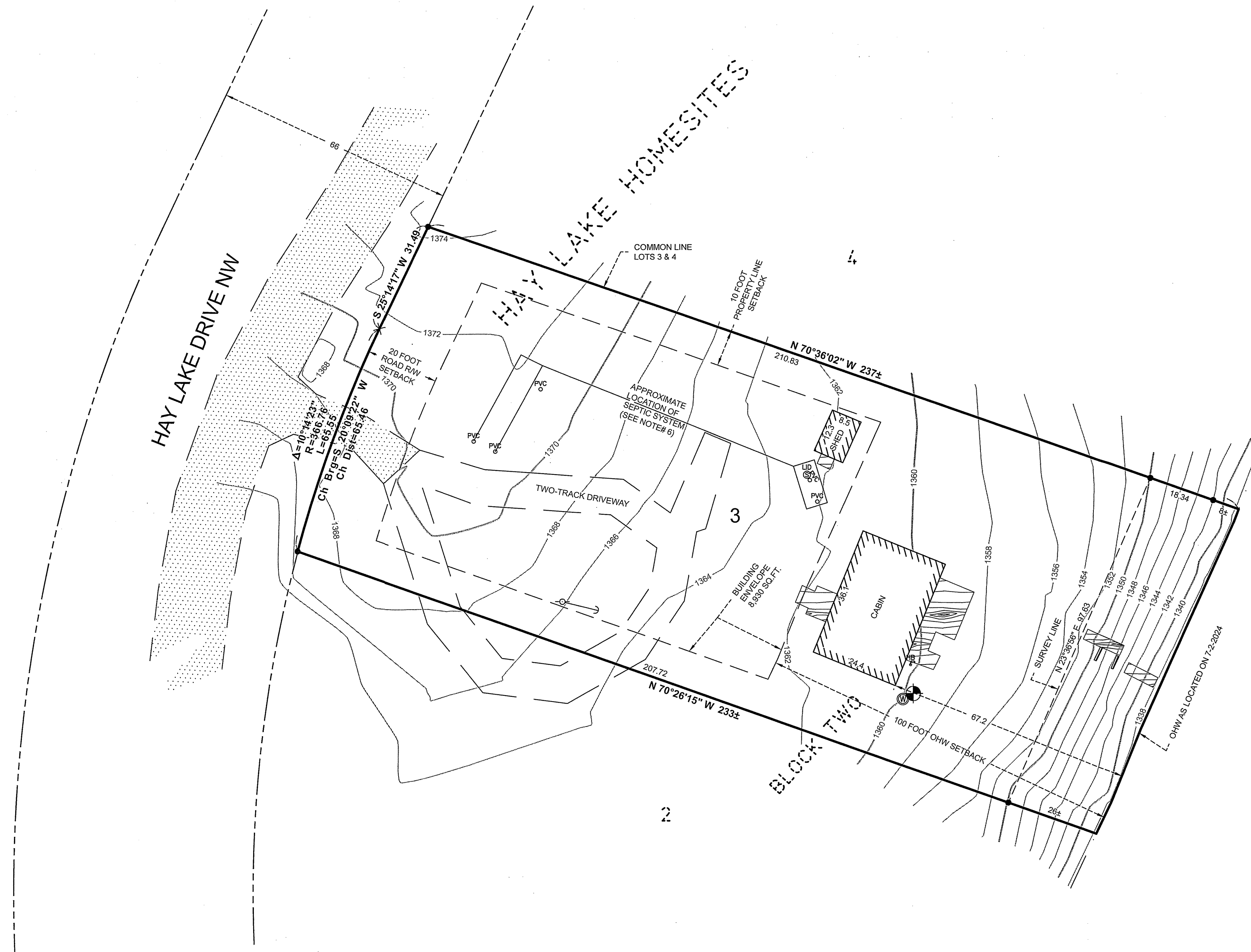
# CERTIFICATE OF SURVEY

LOT 3, BLOCK TWO, HAY LAKE HOMESITES,  
SECTION 12, TOWNSHIP 139 NORTH, RANGE 29 WEST,  
CASS COUNTY, MINNESOTA  
TOTAL AREA: 22,972 SQ.FT± / 0.5 ACRES ±

## LEGEND

- DENOTES EDGE OF EXISTING GRAVEL
- DENOTES EDGE OF EXISTING WOODEN DECKING
- DENOTES EXISTING INTERMEDIATE CONTOURS
- DENOTES EXISTING INDEX CONTOURS
- DENOTES EXISTING UTILITY POLE W/ GUY WIRE
- DENOTES EXISTING WELL
- DENOTES EXISTING HOSE BIB
- DENOTES EXISTING SEPTIC VENT, SEPTIC CLEANOUT, & SEPTIC TANK LID
- BENCHMARK:**  
HIGH POINT OF WELL  
ELEV. = 1361.39  
NGVD 29 DATUM
- DENOTES CALCULATED POSITION
- DENOTES MONUMENT FOUND

ORIENTATION OF THIS BEARING SYSTEM IS BASED ON THE COMMON LINE OF LOTS 3 & 4, TO HAVE AN ASSUMED BEARING OF N 70°36'02" E.



## HAY LAKE

RECREATIONAL DEVELOPMENT

LAKE ELEVATION = 1336.72 ON 7-2-2024

ORDINARY HIGH WATER ELEVATION = 1336.70

**BENCHMARK:** 3/4" X 8" Spike, 4.6' above ground, in 2.0' red pine, approx. 80' North of Public Access, off Hay Lake Dr NW, on NW side of the lake

BASED ON NGVD 29 DATUM

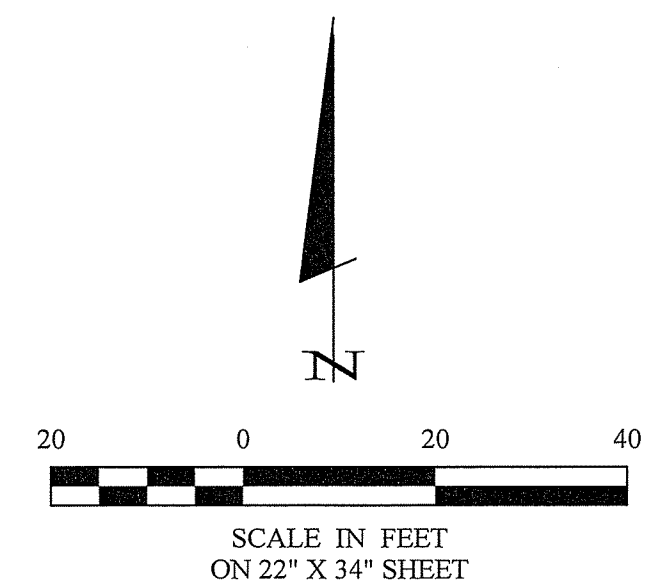
## NOTES:

1. Contour interval as shown = 2 foot. Based on NGVD 29 datum. Contours shown have been obtained using standard survey topographic methodologies. Field located on 7-2-2024.
2. Zoning for subject tract = "SHORELAND RESIDENTIAL".
3. Parcel ID of subject parcel: 32-391-0230.
4. The E911 address of subject parcel: 1762 Hay Lake Drive NW.
5. Setbacks as shown can be subject to interpretation. Verification of setbacks by the governing body is advised prior to building.
6. Approximate location of septic system per sketch from Compliance Inspection completed on 8-7-2023 on file, Cass County Environmental Services.
7. Stonemark Land Surveying, Inc. has made no investigation or independent search for easements of record, encumbrances, restrictive covenants, ownership title evidence, or any other facts that an accurate and current title search may disclose.
8. National Wetland Inventory Report shows no wetlands within subject property.

## IMPERVIOUS CALCULATIONS

EXISTING	IMPERVIOUS AREA (sq. ft.)	Net Area (sq. ft.)	Percent Impervious (sq. ft.)
Cabin	883	22,972	3.8%
Shed	105	22,972	0.5%
Gravel	235	22,972	1.0%
Two-track driveway	1,772	22,972	7.7%
<b>Total</b>	<b>2,995</b>	<b>22,972</b>	<b>13.0%</b>

\* 10 foot width applied to two-track driveway



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P. O. Box 874  
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218-568-4940  
www.stonemarksurvey.com

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

CYNTHIA M. HIDDE  
 PLS# 44881  
 DATE: 7/12/2024  
 LIC. NO. 44881

REVISIONS	DATE	DESCRIPTION

PROJECT NO.: 24125

CHECKED BY: RJJ

DRAWN BY: CMH

DATE: 7-12-2024

SCALE: 1" = 20'

HORIZ. VERT. NONE

PROJECT MANAGER: CMH

FILE NAME: C24125.DWG

FIELD BOOK: BOOK

PG. 1

CERTIFICATE OF SURVEY

Pete Anderson  
244 24th St W  
Minneapolis, MN 55405-2521

SHEET 1 OF 1