

CERTIFICATE OF SURVEY

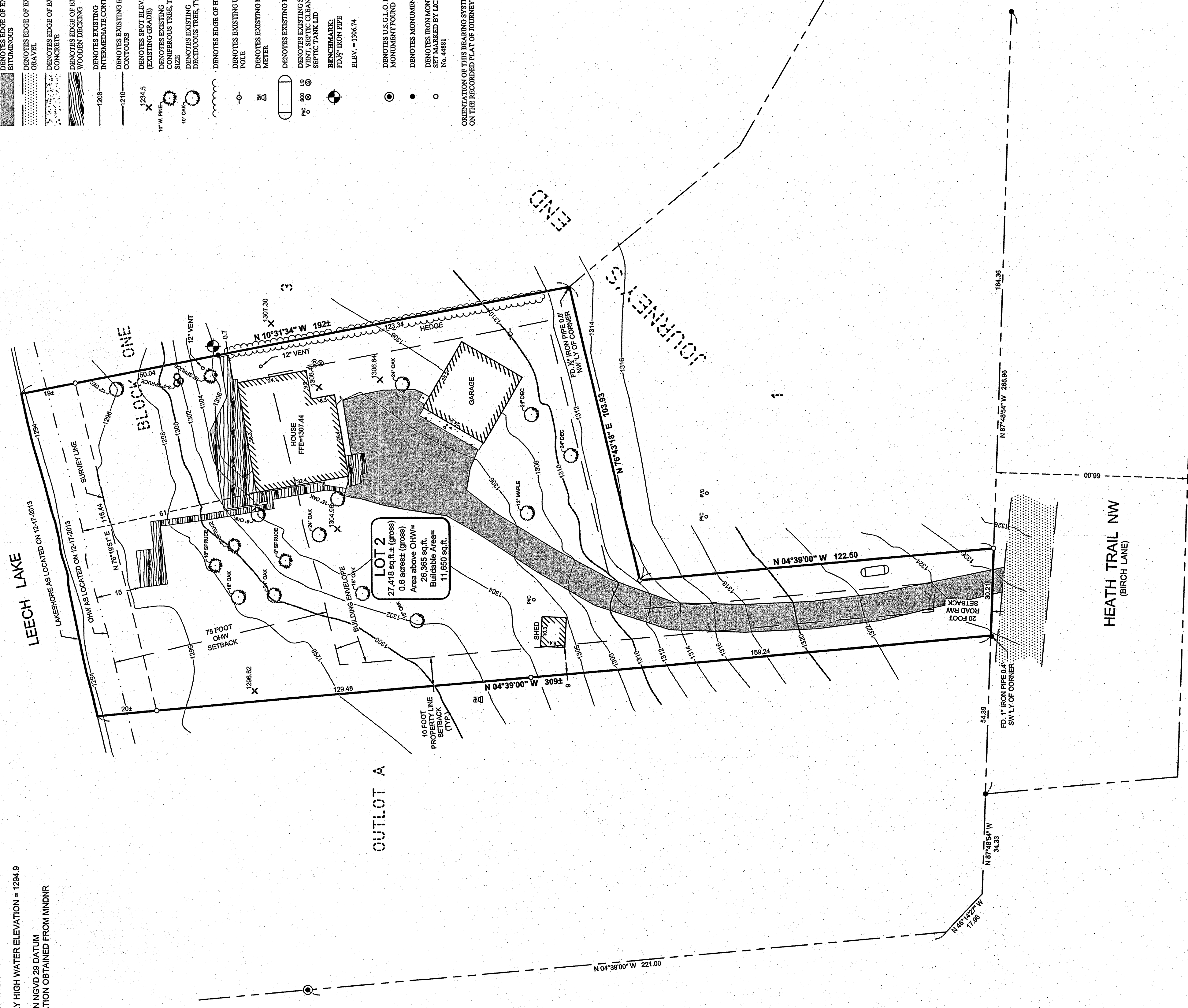
LOT 2, BLOCK ONE, JOURNEY'S END
SECTION 1, TOWNSHIP 141 NORTH, RANGE 31 WEST,
CASS COUNTY, MINNESOTA

LEECH LAKE
GENERAL DEVELOPMENT CLASSIFICATION
LAKE ELEVATION = 1293.65 ON 12-17-2013
ORDINARY HIGH WATER ELEVATION = 1294.9
BASED ON NGVD 29 DATUM
INFORMATION OBTAINED FROM MNDNR

LEGEND

	DENOTES EDGE OF EXISTING BITUMINOUS
	DENOTES EDGE OF EXISTING GRAVEL
	DENOTES EDGE OF EXISTING CONCRETE
	DENOTES EDGE OF EXISTING WOODEN DECKING
	DENOTES EXISTING INTERMEDIATE CONTOURS
	DENOTES EXISTING INDEX CONTOURS
	DENOTES SPOT ELEVATION (EXISTING GRADE)
	DENOTES EXISTING CONIFEROUS TREE, TYPE & SIZE
	DENOTES EXISTING DECIDUOUS TREE, TYPE & SIZE
	DENOTES EDGE OF HEDGE
	DENOTES EXISTING UTILITY POLE
	DENOTES EXISTING ELECTRIC METER
	DENOTES EXISTING LP TANK
	DENOTES EXISTING SEPTIC TANK, SIZE & LOCATION
	DENOTES BENCHMARK, TYPE, MATERIAL & ELEVATION
	DENOTES U.S.G.L.O. BRASS CAP MONUMENT FOUND
	DENOTES IRON MONUMENT SET MARKED BY LICENSEE

ORIENTATION OF THIS BEARING SURVEY IS BASED ON THE RECORDED PLAT OF JOURNEY'S END.

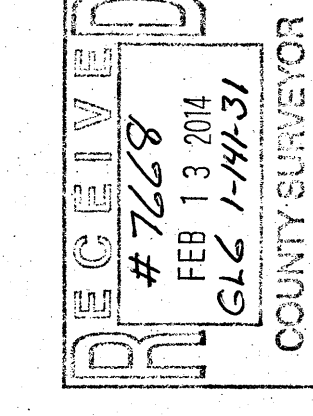


IMPERVIOUS CALCULATIONS

EXISTING	Impervious Area (sq. ft.)	Net Area (sq. ft.)	Percent Impervious (sq. ft.)
Structures			
House	1,160	26,965	4.4%
Garage	635	26,965	2.4%
Shed	86	26,965	0.3%
Pavement			
Driveway	3,267	26,965	12.4%
Other	78	26,965	0.3%
Total	5,226	26,365	19.8%

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 12-17-2013.
- Zoning for subject tract = "Shoreland Residential".
- Parcel ID of subject parcel: 38-337-0130.
- The property address of subject parcel: 7079 Heath Trail NW.
- There was a snow depth of 2 feet 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.



SHEET
1 OF 1

CERTIFICATE OF SURVEY
Lorren Henke
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Wishek, ND 58495

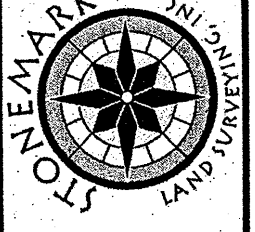
PROJECT No.: 1322
FILE NAME: C13322.dwg
FIELD BOOK: BOOK 422 PG. 37

PROJECT MANAGER: CMH
CHECKED BY: CMH
DRAWN BY: RJF

DATE: 1-23-2014
SCALE: 1"=20'
VERT. NONE

REVISIONS
DATE DESCRIPTION

I HEREBY CERTIFY THAT THIS SURVEY, PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A LICENSED SURVEYOR UNDER THE LAWS OF THE STATE OF MINNESOTA.
Cynthia M. Hyde PLS#44881
DATE: 1/23/14 LIC. NO. 44981



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