

CERTIFICATE OF SURVEY

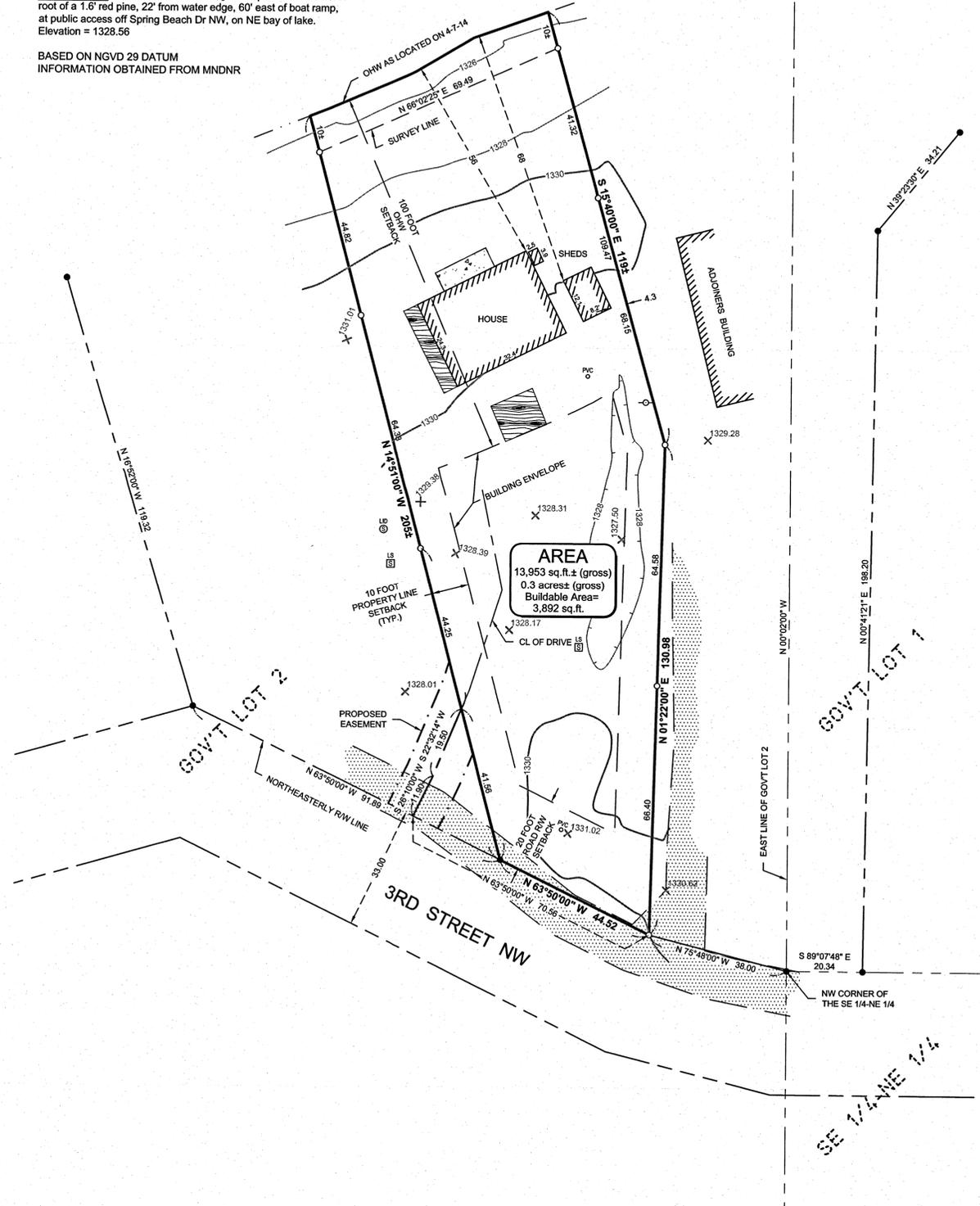
PART OF GOVERNMENT LOT 2,
SECTION 33, TOWNSHIP 139 NORTH, RANGE 29 WEST,
CASS COUNTY, MINNESOTA

LAKE ADA
RECREATIONAL DEVELOPMENT CLASSIFICATION
LAKE ELEVATION = 1325.43 ON 4-7-2014

ORDINARY HIGH WATER ELEVATION = 1325.3

BENCHMARK: Found 2013. Vertical 3/4" x 8" spk in notched north root of a 1.6" red pine, 22' from water edge, 60' east of boat ramp, at public access off Spring Beach Dr NW, on NE bay of lake. Elevation = 1328.56

BASED ON NGVD 29 DATUM
INFORMATION OBTAINED FROM MNDNR



LEGAL DESCRIPTION PER DOCUMENT NUMBER A000507782

That part of Government Lot Two (2), Section Thirty-three (33), Township One Hundred Thirty-nine (139) North of Range Twenty-nine (29), West, described as follows: Commencing at the point on the East line of said Lot Two (2) which is the Northwest corner of the Southeast Quarter of the Northeast Quarter (SE 1/4-NE 1/4) of said Section Thirty-three (33); thence North 75 degrees, 48 minutes West 38 Feet; thence North 1 degree, 22 minutes East 130.98 Feet to the point of beginning of the tract to be described; thence South 1 degree, 22 minutes West 130.98 Feet; thence North 63 degrees, 50 minutes West 44.52 Feet; thence North 14 degrees, 51 minutes East 130.98 Feet, more or less, to the shore of Lake Ada; thence Northeasterly 70 Feet, more or less, along said shore to the point on said shore which is North 15 degrees, 50 minutes West from the point of beginning; thence South 15 degrees, 40 minutes East 128 Feet, more or less, to the point of beginning. For purposes of this description the East line of said Section Thirty-three (33) is considered a true North-South line. Together with all hereditaments and appurtenances belonging thereto.

PROPOSED EASEMENT DESCRIPTION:

A 15.00 foot wide easement for ingress and egress purposes over and across Government Lot 2, Section 33, Township 139 North, Range 29 West, Cass County, Minnesota, the centerline is described as follows: Commencing at the point on the East line of said Government Lot 2 which is the Northwest corner of the Southeast Quarter of the Northeast Quarter said section and assuming the east line of said Government Lot 2 bears North 00 degrees 02 minutes 00 seconds West; thence North 75 degrees 48 minutes 00 seconds West 38.00 feet; thence North 63 degrees 50 minutes 00 seconds West 44.52 feet; thence North 14 degrees 51 minutes 00 seconds West 41.56 feet to the point of beginning of the centerline to be herein described; thence South 22 degrees 32 minutes 14 seconds West 19.50 feet; thence South 26 degrees 10 minutes 00 seconds West 11.90 feet, more or less, to the Northerly right-of-way line of 3rd Street NW and said centerline there terminating.

The sidelines of said easement shall be prolonged or shortened to terminate on a line bearing North 14 degrees 51 minutes 00 seconds West and South 14 degrees 51 minutes 00 seconds East from the point of beginning.

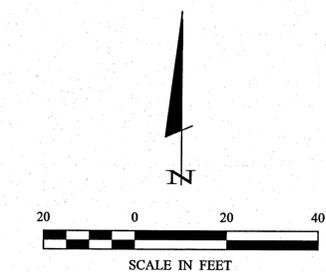
IMPERVIOUS CALCULATIONS

EXISTING	Impervious Area (sq. ft.)	Net Area (sq. ft.)	Percent Impervious (sq. ft.)
Structures			
House	789	13,953	5.7%
Sheds	110	13,953	0.8%
Decks	221	13,953	1.6%
Gravel			
Driveway	106	13,953	0.8%
Other			
Concrete Sidewalk	83	13,953	0.6%
Total	1,309	13,953	9.4%

LEGEND

- DENOTES EDGE OF EXISTING GRAVEL
- DENOTES EDGE OF EXISTING WOODEN DECKING
- DENOTES EXISTING INTERMEDIATE CONTOURS
- DENOTES EXISTING INTERMEDIATE CONTOURS (DEPRESSION)
- DENOTES EXISTING INDEX CONTOURS
- DENOTES SPOT ELEVATION (EXISTING GRADE)
- DENOTES EXISTING UTILITY POLE
- DENOTES EXISTING SEPTIC VENT, SEPTIC CLEANOUT, & SEPTIC TANK LID
- DENOTES EXISTING SEPTIC LIFT STATION
- DENOTES MONUMENT FOUND
- DENOTES IRON MONUMENT SET MARKED BY LICENSE No. 44881

ORIENTATION OF THIS BEARING SYSTEM IS BASED ON THE EAST LINE OF GOVERNMENT LOT 2 TO HAVE AN ASSUMED BEARING OF N 00°02'00" W.



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 4-7-14.
- Zoning for subject tract = "Shoreland Residential".
- Parcel ID of subject parcel: 32-033-1301.
- The property address of subject parcel: 1310 3rd Street NW.



30175 Old Highway #371
Suite 2
P. O. Box 874
Pequot Lakes, MN 56472
Phone: 1-218-568-4940
www.stonemansurvey.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 DULY LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MINNESOTA.
Cynthia M. Hidde
7/11/14
DATE

REVISIONS	DATE	DESCRIPTION	BY

PROJECT No.:	14035
FILE NAME:	C14035.dwg
FIELD BOOK:	BOOK 423 Pg. 2
DATE:	7-11-2014
SCALE:	1"=20'
HORIZ.:	NONE
VERT.:	NONE
PROJECT MANAGER:	CMH
CHECKED BY:	CMH
DRAWN BY:	RJF
CERTIFICATE OF SURVEY	Wendy Bares 12416 87th Avenue N. Maple Grove, MN 55369
SHEET	1 OF 1