

CERTIFICATE OF SURVEY

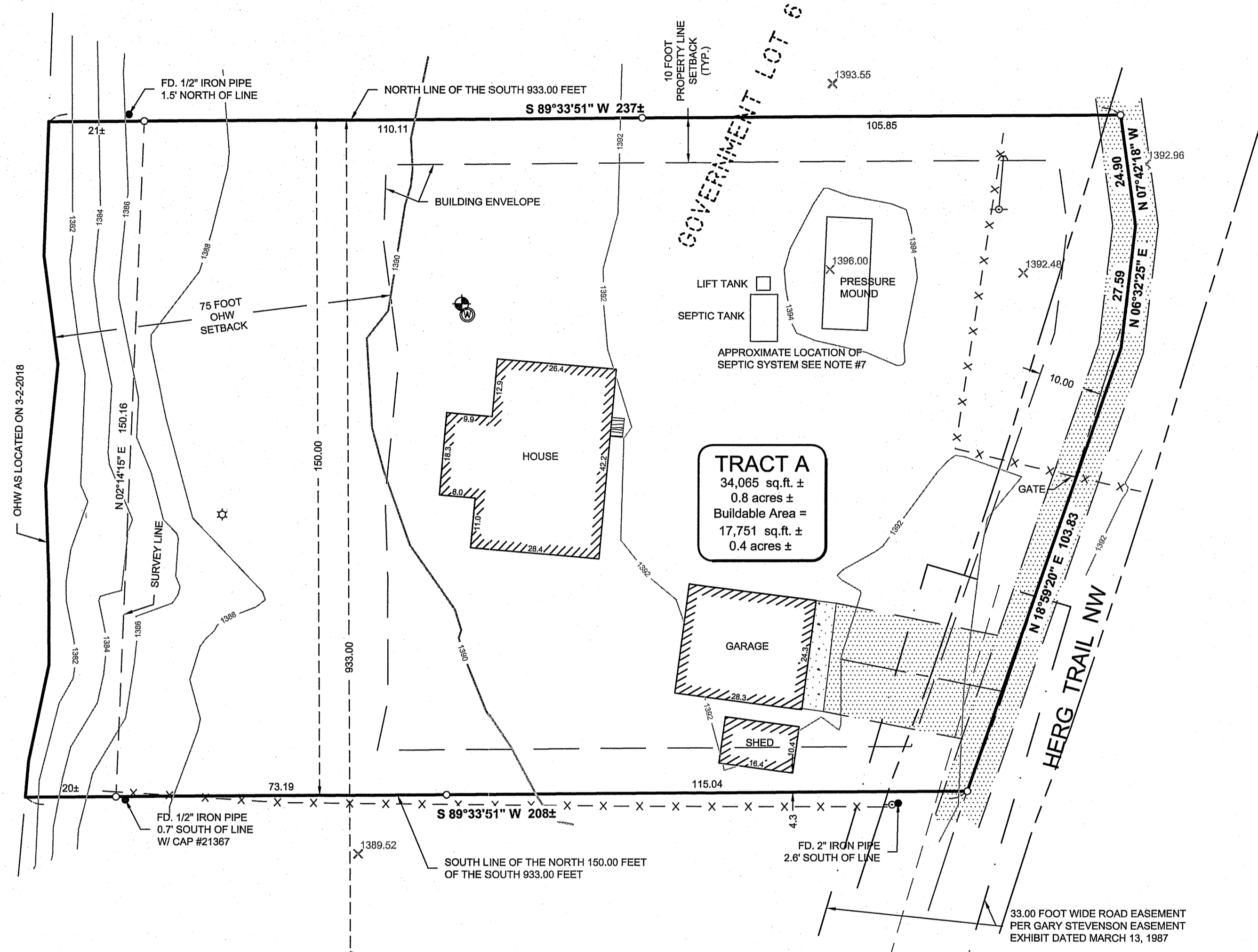
PART OF GOVERNMENT LOT 6,
SECTION 1, TOWNSHIP 140 NORTH, RANGE 31 WEST,
CASS COUNTY, MINNESOTA

TEN MILE LAKE
GENERAL DEVELOPMENT CLASSIFICATION
LAKE ELEVATION = 1379.73 ON 3-2-2018

ORDINARY HIGH WATER ELEVATION = 1379.9

BENCHMARK: At public access - horizontal 3/8" x 8" spike 0.5' above ground in the NE side of a 1.3' oak, on the slope on the north side of the access area, 65' westerly of the top of the lake bank, 7' upslope from the toe of the slope and 133' NNW of the top centerline of the boat ramp. Elevation = 1387.02

BASED ON NGVD 29 DATUM
INFORMATION OBTAINED FROM MNDNR



LEGAL DESCRIPTION PER DOCUMENT NUMBER A000634428

The North 150 feet of the South 933 feet of Government Lot 6 lying west of the road, Section 1, Township 140, Range 31, Cass County, Minnesota.

together with all hereditaments and appurtenances belonging thereto.

IMPERVIOUS CALCULATIONS

EXISTING	IMPERVIOUS AREA (sq.ft.)	Net Area (sq.ft.)	Percent Impervious (sq.ft.)
House	1,320	34,065	3.9%
Garage	687	34,065	2.0%
Shed	170	34,065	0.5%
Deck	12	34,065	0.0%
Concrete	112	34,065	0.3%
Gravel	1,592	34,065	4.7%
Total	3,893	34,065	11.4%

LEGEND

- X - X - DENOTES EXISTING FENCE LINE
- [Pattern] DENOTES EDGE OF EXISTING GRAVEL
- [Pattern] DENOTES EDGE OF EXISTING CONCRETE
- [Pattern] DENOTES EDGE OF EXISTING WOODEN DECKING
- 1208- DENOTES EXISTING INTERMEDIATE CONTOURS
- 1210- DENOTES EXISTING INDEX CONTOURS
- X 1234.5 DENOTES SPOT ELEVATION (EXISTING GRADE)
- [Symbol] DENOTES EXISTING UTILITY POLE W/ GUY WIRE
- [Symbol] DENOTES EXISTING WELL
- [Symbol] **BENCHMARK:** HIGH POINT OF WELL
ELEV. = 1392.07
- [Symbol] DENOTES MONUMENT FOUND
- [Symbol] DENOTES IRON MONUMENT SET MARKED BY LICENSE No. 44881

ORIENTATION OF THIS BEARING SYSTEM IS BASED ON THE CASS COUNTY COORDINATE SYSTEM.

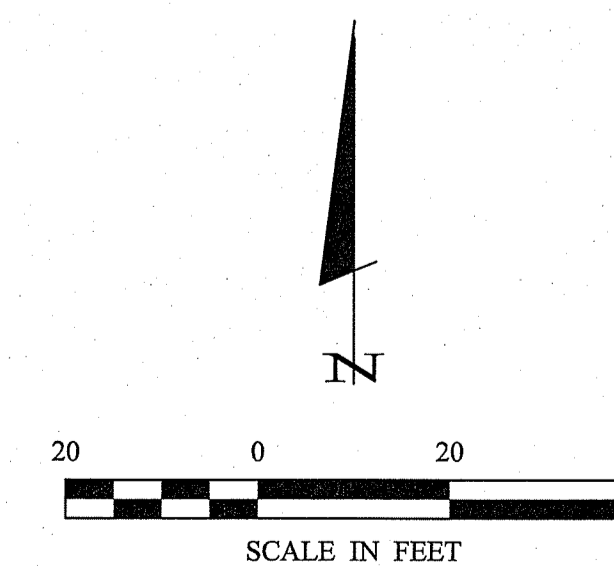
CALCULATED LOCATION OF MC SEE SURVEYOR'S NOTE

SURVEYOR'S NOTES:

- Meander Corner on the South line of Section 1 at Ten Mile Lake no longer exists due to recent landscaping. For purposes of this survey a calculated position is shown based on previous survey completed by Arro Land Surveying, LLC on June 16, 2011, signed by Bruce W. Skipton.
- According to the legal description of record the east line of subject tract is purported to be the centerline of the road. Due to snow conditions said centerline could not be identified. For purposes of this survey the centerline has been digitized from the Cass County GIS site.

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 3-2-2018.
- Zoning for subject tract = "Shoreland Residential".
- There are no bluffs or wet lands within surveyed property.
- Parcel ID of subject parcel: 16-001-3303.
- The property address of subject parcel: 4471 Herg Trail NW.
- There was a snow depth of 12"± 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 Rick Smith, Northland.



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Suite 1
P. O. Box 874
Pequot Lakes, MN 56472
218-568-4040
www.stonemansurvey.com

THIS CERTIFICATE 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 PL#44881
DATE 3/21/18 LIC. NO. 44881

REVISIONS	DATE	DESCRIPTION	BY

PROJECT No.: 18037
FILE NAME: C:\18037.dwg
FIELD BOOK: BOOK 445 PG. 37

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

DATE: 3-21-2018
SCALE: 1"=20'
VERT. NONE

CERTIFICATE OF SURVEY
Feldman Property
Lands End Development, LLC
13817 County Road 36
Crosslake, MN 56442

SHEET 1 OF 1