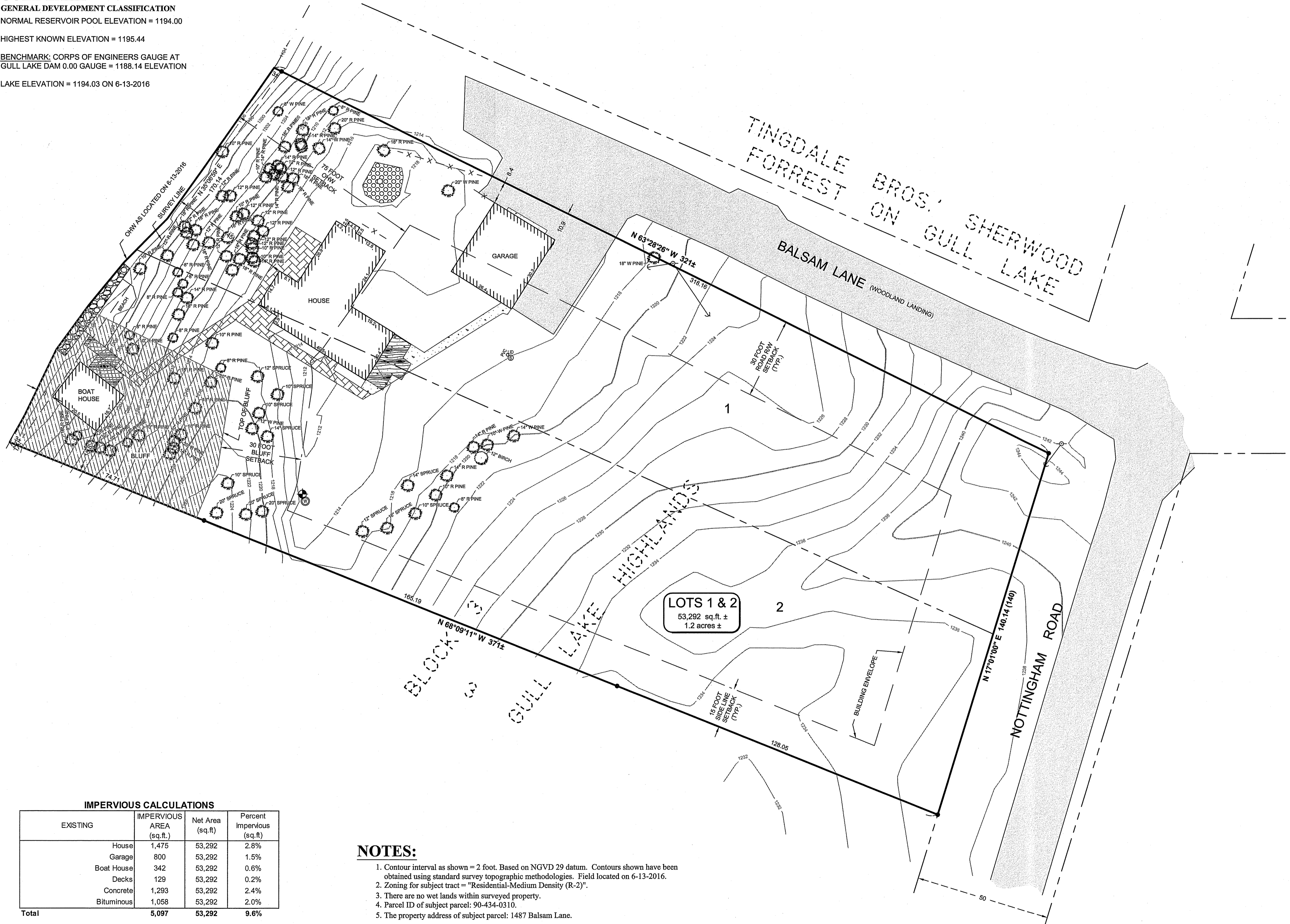


CERTIFICATE OF SURVEY

**LOTS 1 AND 2, BLOCK 3, GULL LAKE HIGHLANDS,
SECTION 20, TOWNSHIP 135 NORTH, RANGE 29 WEST,
CASS COUNTY, MINNESOTA**

GULL LAKE

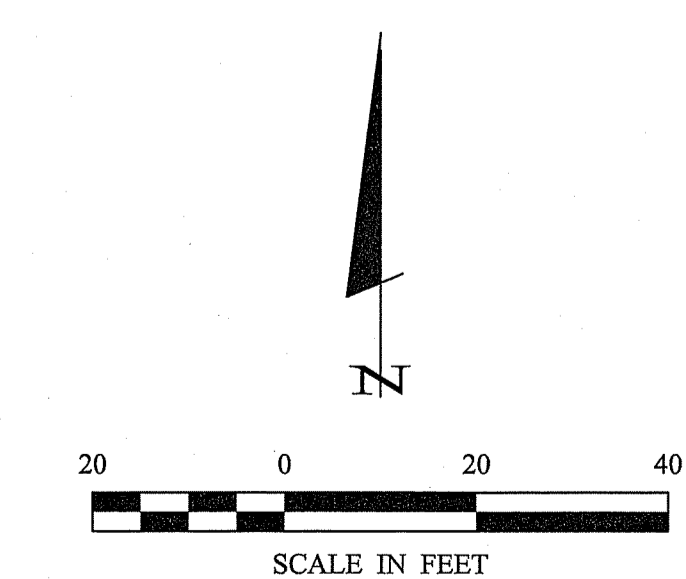
GENERAL DEVELOPMENT CLASSIFICATION
NORMAL RESERVOIR POOL ELEVATION = 1194.00
HIGHEST KNOWN ELEVATION = 1195.44
BENCHMARK: CORPS OF ENGINEERS GAUGE AT
GULL LAKE DAM 0.00 GAUGE = 1188.14 ELEVATION
LAKE ELEVATION = 1194.03 ON 6-13-2016



LEGEND

- X — X — DENOTES EXISTING FENCE LINE
- [Pattern] DENOTES EDGE OF EXISTING BITUMINOUS
- [Pattern] DENOTES EDGE OF EXISTING CONCRETE
- [Pattern] DENOTES EDGE OF EXISTING PAVING STONES
- [Pattern] DENOTES EDGE OF EXISTING WOODEN DECKING
- [Pattern] DENOTES EDGE OF EXISTING RIP-RAP
- [Pattern] DENOTES EXISTING FIELDSTONE
- 1208— DENOTES EXISTING INTERMEDIATE CONTOURS
- 1210— DENOTES EXISTING INDEX CONTOURS
- (10' W. PINE) DENOTES EXISTING CONIFEROUS TREE, TYPE & SIZE
- (10' OAK) DENOTES EXISTING DECIDUOUS TREE, TYPE, & SIZE
- (Symbol) DENOTES EXISTING UTILITY POLE W/ GUY WIRE
- (Symbol) DENOTES EXISTING WELL
- (Symbol) DENOTES EXISTING SEPTIC VENT, SEPTIC CLEANOUT, & SEPTIC TANK LID
- (Symbol) **BENCHMARK:** HIGH POINT OF WELL
ELEV. = 1214.44
- (123.45) DENOTES PLAT AND/OR DEEDED MEASURE
- (Symbol) DENOTES MONUMENT FOUND

ORIENTATION OF THIS BEARING SYSTEM IS BASED ON THE RECORDED PLAT OF GULL LAKE HIGHLANDS.



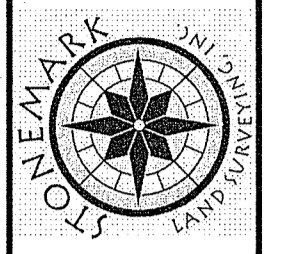
IMPERVIOUS CALCULATIONS

EXISTING	IMPERVIOUS AREA (sq.ft.)	Net Area (sq.ft.)	Percent Impervious (sq.ft.)
House	1,475	53,292	2.8%
Garage	800	53,292	1.5%
Boat House	342	53,292	0.6%
Decks	129	53,292	0.2%
Concrete	1,293	53,292	2.4%
Bituminous	1,058	53,292	2.0%
Total	5,097	53,292	9.6%

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 6-13-2016.
2. Zoning for subject tract = "Residential-Medium Density (R-2)".
3. There are no wet lands within surveyed property.
4. Parcel ID of subject parcel: 90-434-0310.
5. The property address of subject parcel: 1487 Balsam Lane.

30176 Old Highway #371
State 2
P. O. Box 874
Pequot Lakes, MN 56472
218-568-4040
www.stonemansurvey.com



I HEREBY CERTIFY THAT THIS SURVEY IS AN ACCURATE REPRESENTATION OF THE INFORMATION REPORTED TO ME BY THE CLIENT AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MINNESOTA.
Cynthia M. Hyde
CYNTHIA M. HYDE PL534881
DATE: 6/20/16 LIC. NO. 44881

PROJECT NO.:	PROJECT MANAGER:	CHECKED BY:	DRAWN BY:	DATE:	REVISIONS:	DATE:	BY:	DESCRIPTION:
16180	CMH	CMH	RJF	6-20-2016				
FILE NAME:				SCALE:				
C:\16180.dwg				HORIZ.:				
FIELD BOOK:				VERT.:				
BOOK 17								
PG. 436								

CERTIFICATE OF SURVEY
SHEET
Dean Williamson
5711 Londenderry Road
Edina, MN 55436
1 of 1