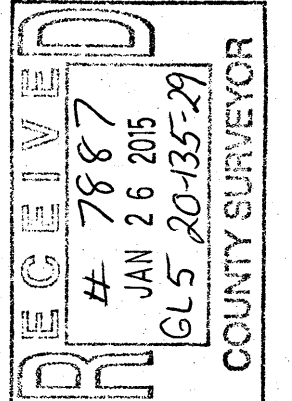


GULL LAKE
 GENERAL DEVELOPMENT CLASSIFICATION
 NORMAL RESERVOIR POOL ELEVATION = 1194.00
 HIGHEST KNOWN ELEVATION = 1195.44
 BENCHMARK: CORPS OF ENGINEERS GAUGE AT
 GULL LAKE DAM 0.00 GAUGE = 1188.14 ELEVATION
 LAKE ELEVATION = 1193.95 ON 10-7-14

CERTIFICATE OF SURVEY

LOTS 21 THRU 24, BLOCK 11,
 TINGDALE BROS.' SHERWOOD FOREST ON GULL LAKE,
 SECTION 20, TOWNSHIP 135 NORTH, RANGE 29 WEST,
 CASS COUNTY, MINNESOTA
 TOTAL AREA = 58,303 SQ. FT. ± / 1.3 ACRES ±



30176 Old Highway #371
 Suite 2
 P. O. Box 874
 Pequot Lakes, MN 56472
 Phone: 1218-568-4940
 www.stonemarksurvey.com

I HEREBY CERTIFY 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
 11/25/14
 LIC. NO. 44881

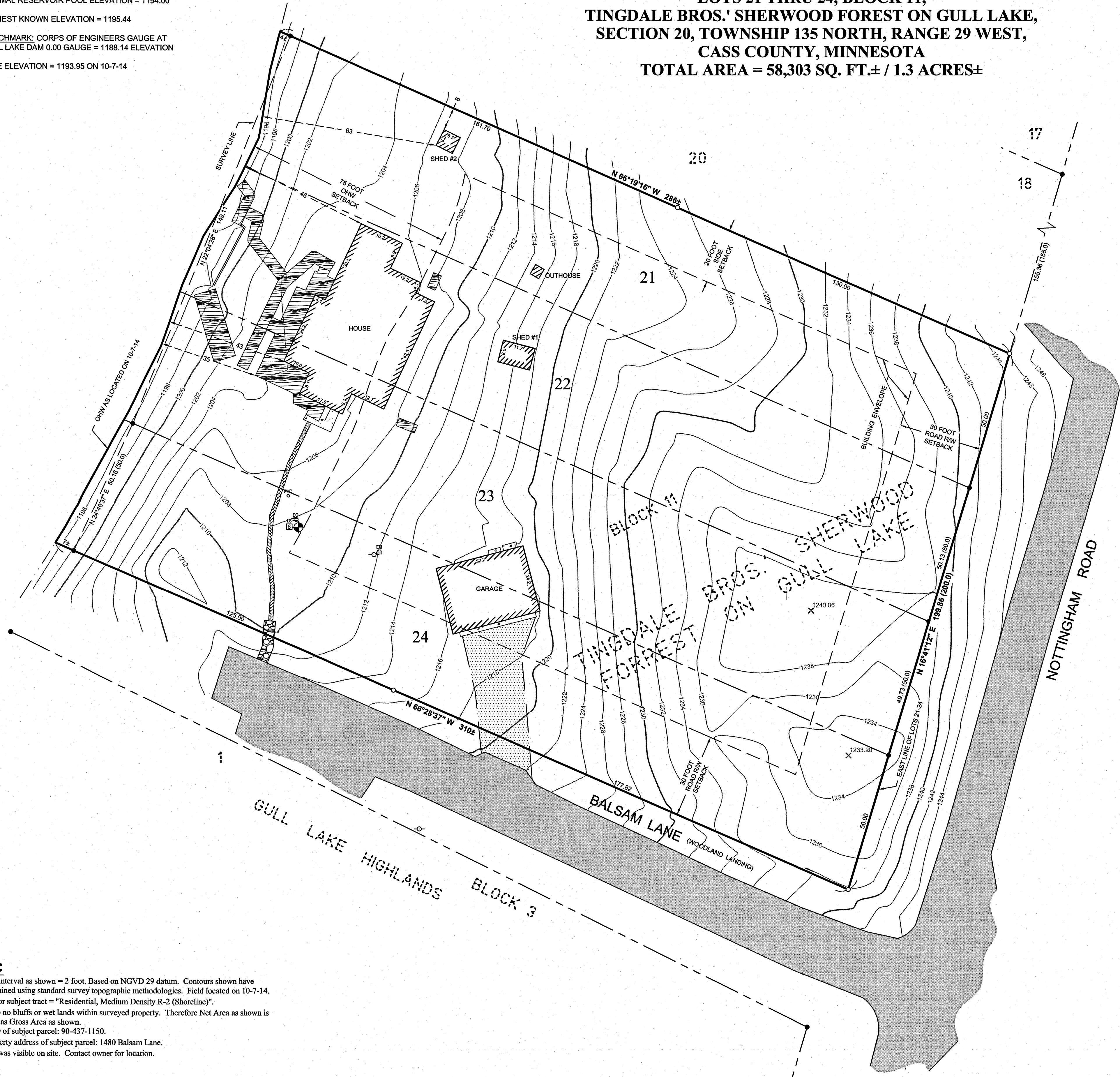
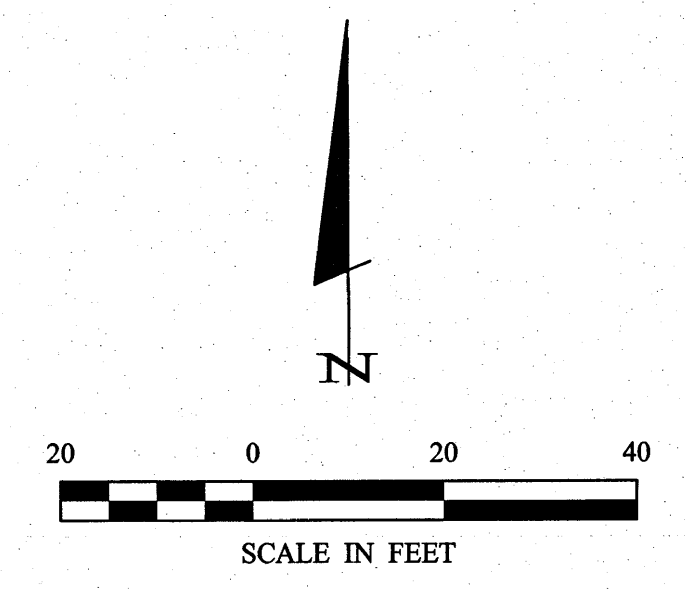
IMPERVIOUS CALCULATIONS

EXISTING	Impervious Area (sq.ft.)	Net Area (sq.ft.)	Percent Impervious (sq.ft.)	
Structures	House	2,032	58,303	3.5%
	Garage	781	58,303	1.3%
	Sheds & Outhouse	148	58,303	0.3%
	Decks	1,112	58,303	1.9%
	Gravel Driveway	770	58,303	1.3%
Other	Concrete, Pavers & Flagstone	273	58,303	0.5%
	Total	5,116	58,303	8.8%

LEGEND

- DENOTES EXISTING RETAINING WALL
- DENOTES EDGE OF EXISTING BITUMINOUS
- DENOTES EDGE OF EXISTING GRAVEL
- DENOTES EDGE OF EXISTING CONCRETE
- DENOTES EDGE OF EXISTING PAVING STONES
- DENOTES EDGE OF EXISTING FLAGSTONE
- DENOTES EDGE OF EXISTING WOODEN DECKING
- DENOTES EXISTING INTERMEDIATE CONTOURS
- DENOTES EXISTING INDEX CONTOURS
- DENOTES SPOT ELEVATION (EXISTING GRADE)
- DENOTES EXISTING UTILITY POLE
- DENOTES EXISTING ELECTRIC METER
- DENOTES EXISTING ELECTRIC OUTLET
- DENOTES EXISTING SEPTIC VENT, SEPTIC CLEANOUT, & SEPTIC TANK LID
- DENOTES EXISTING SEPTIC LIFT STATION
- BENCHMARK:**
SET DOUBLE HEADED NAIL ON TOP OF 4"x4" WOOD POST WITH ELECTRIC METER
ELEV. = 1209.25
- DENOTES PLAT AND/OR DEEDED MEASURE
- DENOTES MONUMENT FOUND
- DENOTES IRON MONUMENT SET MARKED BY LICENSE No. 44881

ORIENTATION OF THIS BEARING SYSTEM IS BASED ON THE EAST LINE OF LOTS 21-24 TO HAVE AN ASSUMED BEARING OF N 16°41'12" E.



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 10-7-14.
2. Zoning for subject tract = "Residential, Medium Density R-2 (Shoreline)".
3. There are no bluffs or wet lands within surveyed property. Therefore Net Area as shown is the same as Gross Area as shown.
4. Parcel ID of subject parcel: 90-437-1150.
5. The property address of subject parcel: 1480 Balsam Lane.
6. No well was visible on site. Contact owner for location.

Roger Forcella 11/25/2014 12:14 PM - F:\Drawings\2014\1180 Knight\dwg\1180.dwg

CERTIFICATE OF SURVEY
 Gary & Kelley Knight
 146 Benton Avenue
 Wayzata, MN 55391
 SHEET
 1 of 1