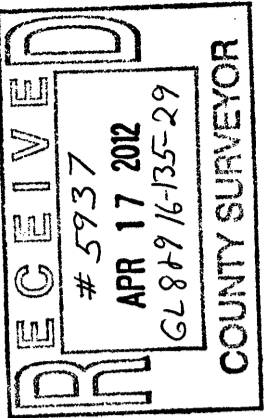


CERTIFICATE OF SURVEY

LOT 15, GULLWOOD
SECTION 16, TOWNSHIP 135 NORTH, RANGE 29 WEST,
CASS COUNTY, MINNESOTA



30176 Old Highway #571
Suite 2
P. O. Box 274
Rogers, MN 56472
Phone: 1215-568-9400
www.casscountysurveyor.com



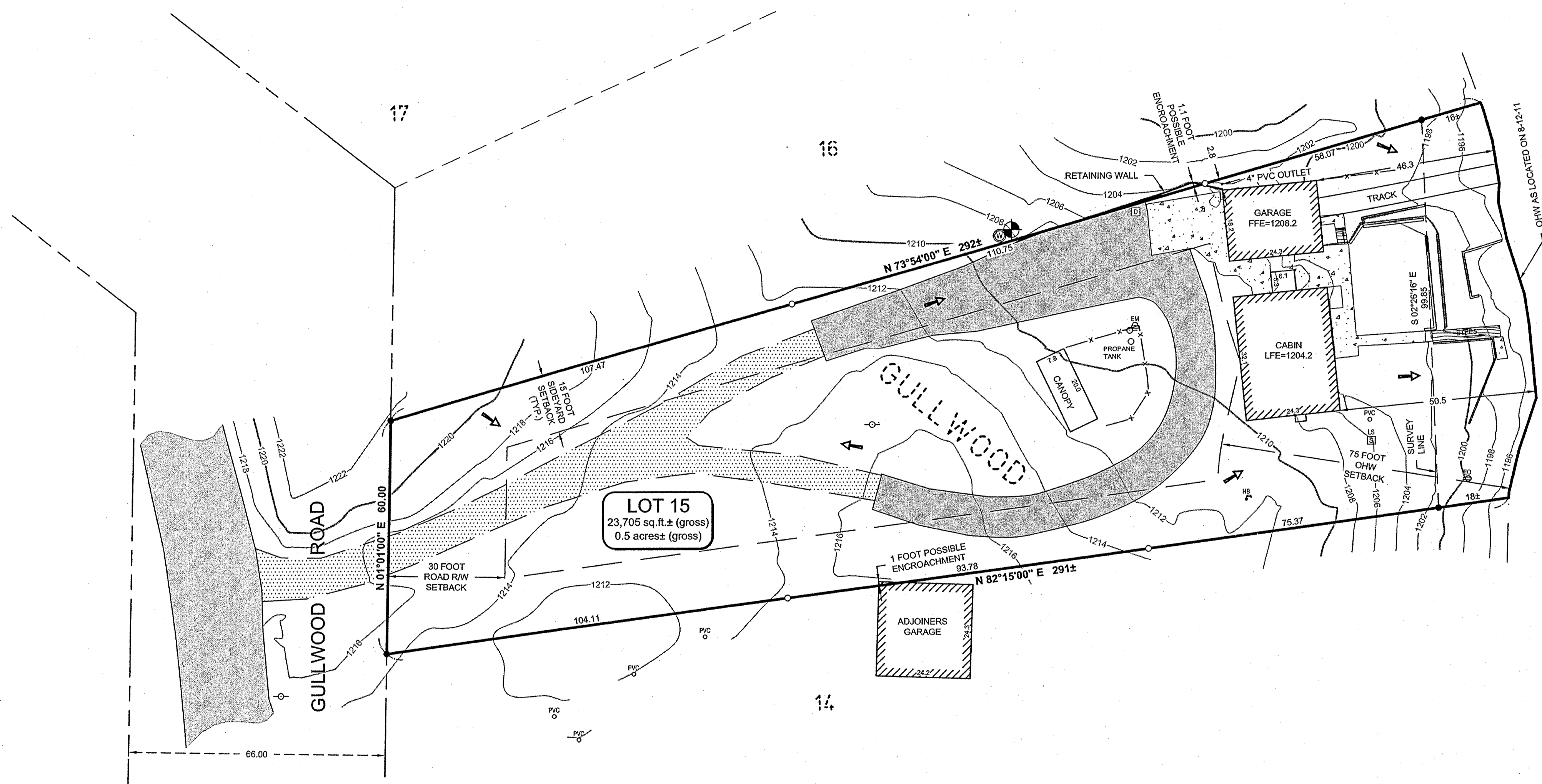
I HEREBY CERTIFY THAT THIS SURVEY, PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A LICENSED SURVEYOR UNDER THE LAWS OF THE STATE OF MINNESOTA.
Cynthia M. Hidde
CYNTHIA M. HIDDE PL544881
8/26/11 LIC. NO. 44881

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 = 1193.97 ON 8-12-11

LEGEND

- x — x — DENOTES EXISTING FENCE LINE
- — — DENOTES EXISTING RETAINING WALL
- ▨ DENOTES EDGE OF EXISTING BITUMINOUS
- ▨ DENOTES EDGE OF EXISTING GRAVEL
- ▨ DENOTES EDGE OF EXISTING CONCRETE
- 1206 — DENOTES EXISTING INTERMEDIATE CONTOURS
- 1210 — DENOTES EXISTING INDEX CONTOURS
- DENOTES EXISTING UTILITY POLE
- ⊖ DENOTES EXISTING ELECTRIC METER
- ⊕ DENOTES EXISTING ELECTRIC OUTLET
- ⊙ DENOTES EXISTING WELL
- ⊕ DENOTES EXISTING HOSE BIB
- ⊕ DENOTES EXISTING SEPTIC VENT, SEPTIC CLEANOUT, & SEPTIC TANK LID
- ⊕ DENOTES EXISTING SEPTIC LIFT STATION
- ⊕ DENOTES EXISTING STORM SEWER CATCH BASIN
- ⊕ DENOTES EXISTING SURFACE DRAINAGE FLOW
- ⊕ DENOTES BENCHMARK HIGH POINT OF WELL ELEV. = 1209.84
- DENOTES MONUMENT FOUND
- DENOTES IRON MONUMENT SET MARKED BY LICENSE No. 44881

ORIENTATION OF THIS BEARING SYSTEM IS BASED ON THE RECORDED PLAT OF GULLWOOD.



LOT 15
23,705 sq. ft. ± (gross)
0.5 acres ± (gross)

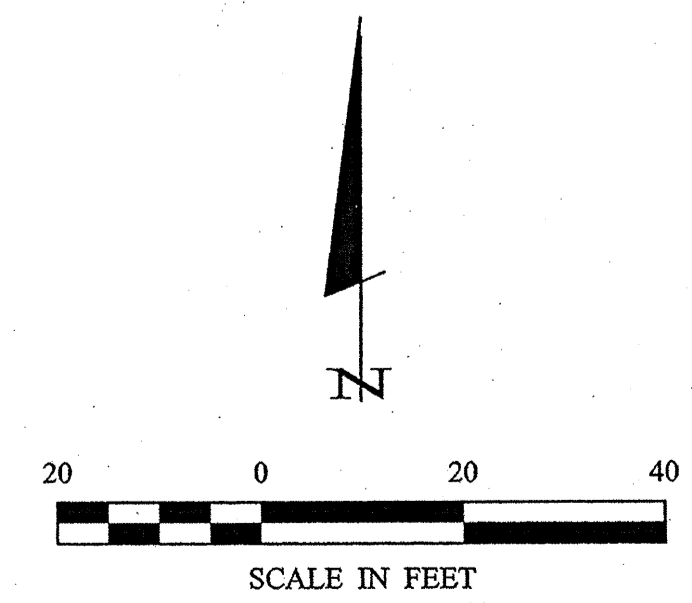
IMPERVIOUS CALCULATIONS			
EXISTING	Impervious Area (sq. ft.)	Net Area (sq. ft.)	Percent Impervious (sq. ft.)
Structures	Cabin 816	23,705	3.4%
	Garage 443	23,705	1.9%
	Wood Steps 62	23,705	0.3%
Gravel	Driveway 1,662	23,705	7.0%
Pavement	Driveway 2,972	23,705	12.5%
Other	Concrete Sidewalk 724	23,705	3.1%
Total	6,679	23,705	28.2%

SOIL DATUM

The Cass County Soils Survey indicates soil in the proposed platted area to be classified as 928E - Demontreville-Mahtomedi-Cushing complex, 15 to 40 percent slopes.

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 8-12-11.
- Zoning for subject tract = "Residential, Medium Density R-2".
- There are no bluffs or wet lands within surveyed property.
- Parcel ID of subject parcel: 90-421-0150.
- The property address of subject parcel: 8296 Gullwood Road.



Roger Focelle 8/26/2011 9:03 AM - F:\Drawings\2011\11150_Harpholweg\C11150.dwg

CERTIFICATE OF SURVEY
Diane Hartogh
756 Rockwood Court
Dubuque, IA 52003
SHEET 1 of 1