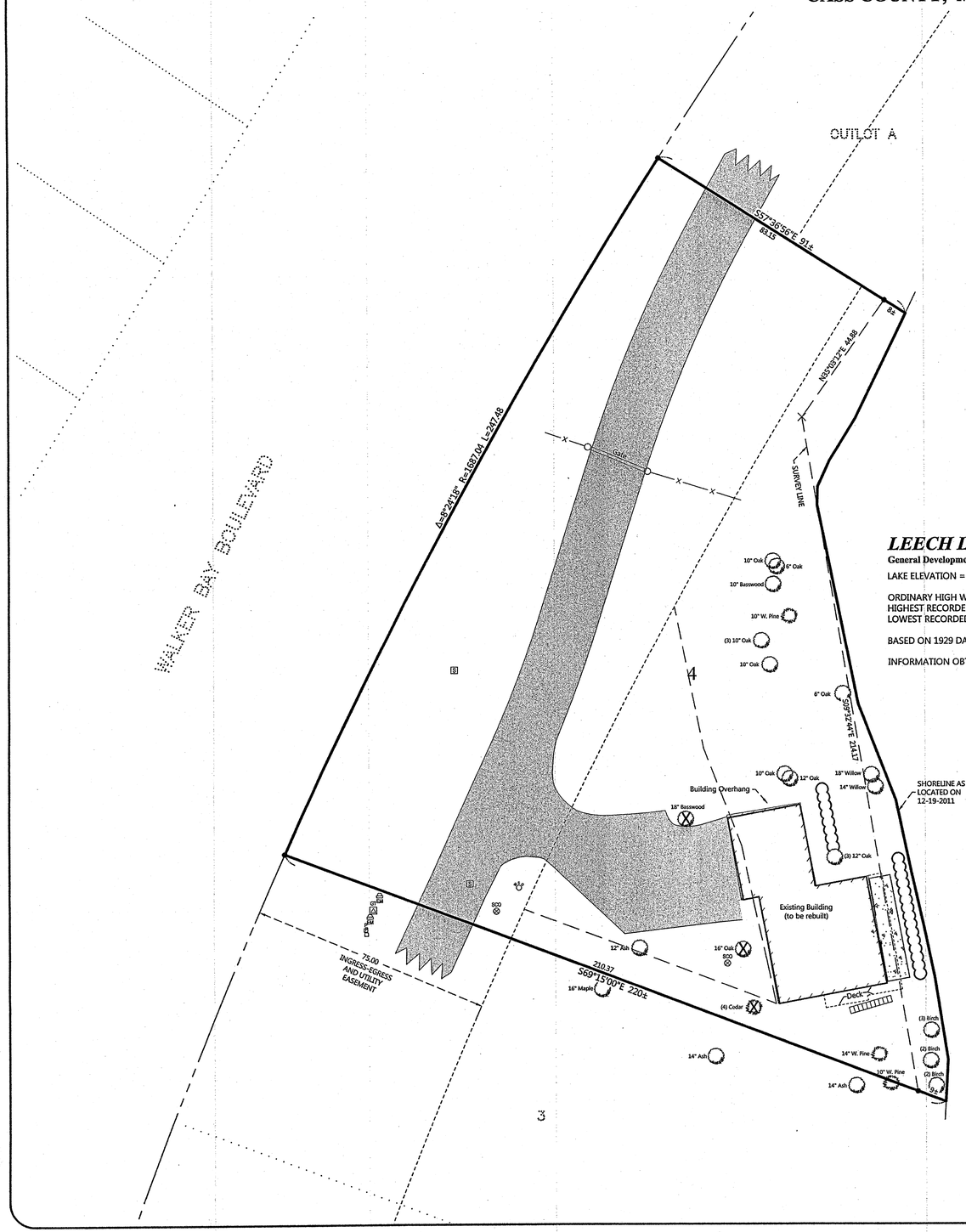
CERTIFICATE OF SURVEY

LOT 4, BLOCK 1, HIDEAWAY PLACE, SECTION 26, TOWNSHIP 142 NORTH, RANGE 31 WEST, CASS COUNTY, MINNESOTA



LEECH LAKE

General Development Classification

LAKE ELEVATION = 1294.0 (12-19-2011)

ORDINARY HIGH WATER ELEVATION = 1294.9
HIGHEST RECORDED ELEVATION = 1296.09 (6-16-2001)
LOWEST RECORDED ELEVATION = 1292.69 (11-25-1976)

BASED ON 1929 DATUM

INFORMATION OBTAINED FROM THE MN/DNR

NOTES:

1. Total lot area is 33,473 sq.ft. Impervious area(Road-6418 sq.ft & Building- 1795 sq.ft) total = 8429 sq.ft Yields impervious coverage of 24.5% .
2. Existing asphalt road to development will be used for access.
3. The Cass County Soils Survey indicates soils on the lot to be classified as "Warba-Aquic Eutroboralfs, loamy-Aeric Gladdaqualfs" which are reported to be well drained; moderately well drained and somewhat poorly well drained.
4. Water and sewer useage will average 250 gallons per day for normal household use. Peak useage would be 375 gallons per day. Proposed lighting will be 4 wall mounted outdoor lights (2 on front of garage and 2 on the house).

RECEIVED
#6247
JAN 6 2014
GLI 26-142-31
COUNTY SURVEYOR

LEGEND

- DENOTES MONUMENT FOUND
- DENOTES CALCULATED POSITION
- DENOTES EXISTING ELECTRIC METER
- DENOTES EXISTING GROUND TRANSFORMER
- DENOTES EXISTING CORPORATION STOP
- DENOTES EXISTING PHONE PEDESTAL
- DENOTES EXISTING SEPTIC CLEANOUT
- DENOTES EXISTING SEWER VALUE
- DENOTES EDGE OF EXISTING BITUMINOUS
- DENOTES EDGE OF EXISTING CONCRETE
- 10" W.PINE — DENOTES EXISTING CONIFEROUS TREE, TYPE, &SIZE
- 10" OAK — DENOTES EXISTING DECIDUOUS TREE, TYPE, & SIZE
- DENOTES EXISTING FENCE LINE
- DENOTES EXISTING BUILDING
- DENOTES PROPOSED REPLACEMENT BUILDING
- DENOTES PROPOSED GARAGE (NOT PART OF VARIANCE)
- DENOTES PROPOSED NEW VEGETATION
- DENOTES EXISTING TREE TO BE REMOVED

0 20 40

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

REVISIONS				
NO.	DATE	DESCRIPTION		BY
	5-19-2012	removed garage, adjusted impervious area		WAG

I HEREBY CERTIFY THAT THIS SURVEY, PLAN OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MINNESOTA.

TERRY L. FREEMAN — LIC. NO. 21367

NORTHERN ENGINEERING & CONSULTING, INC.
207 4th Street NW, Bemidji, MN, 56601
Phone: 218-444-4860, Fax: 218-444-6042
web: www.necusa.com

CERTIFICATE OF SURVEY
Grant Thayer
2548 Salem Heights Lane SW
Rochester, MN 55902

JOB NO. 11-146
DATE: 12-28-2011

SHEET NO.
1 OF 1