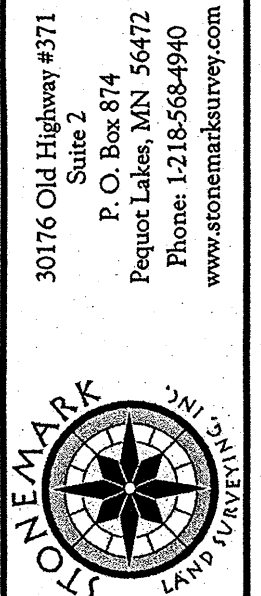
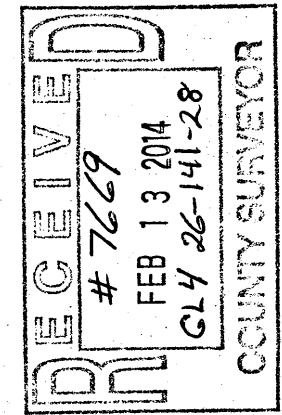


CERTIFICATE OF SURVEY

LOTS 4 & 5, LIKENS NORTH SHORE BEACH,
SECTION 26, TOWNSHIP 141 NORTH, RANGE 28 WEST,
CASS COUNTY, MINNESOTA

TOTAL AREA = 2.15 ACRES (93,625 SQ. FT.)
AREA ABOVE OHW = 1.94 ACRES (84,482 SQ. FT.)
BUILDABLE AREA = 1.06 ACRES (46,147 SQ. FT.)



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.

Kathryn Halligan
CASS COUNTY, MINN. LICENSE NO. 44881
DATE: 11/22/13

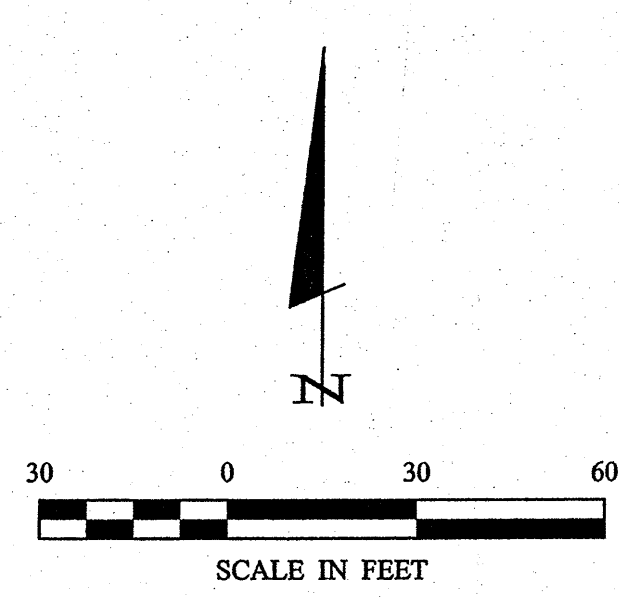
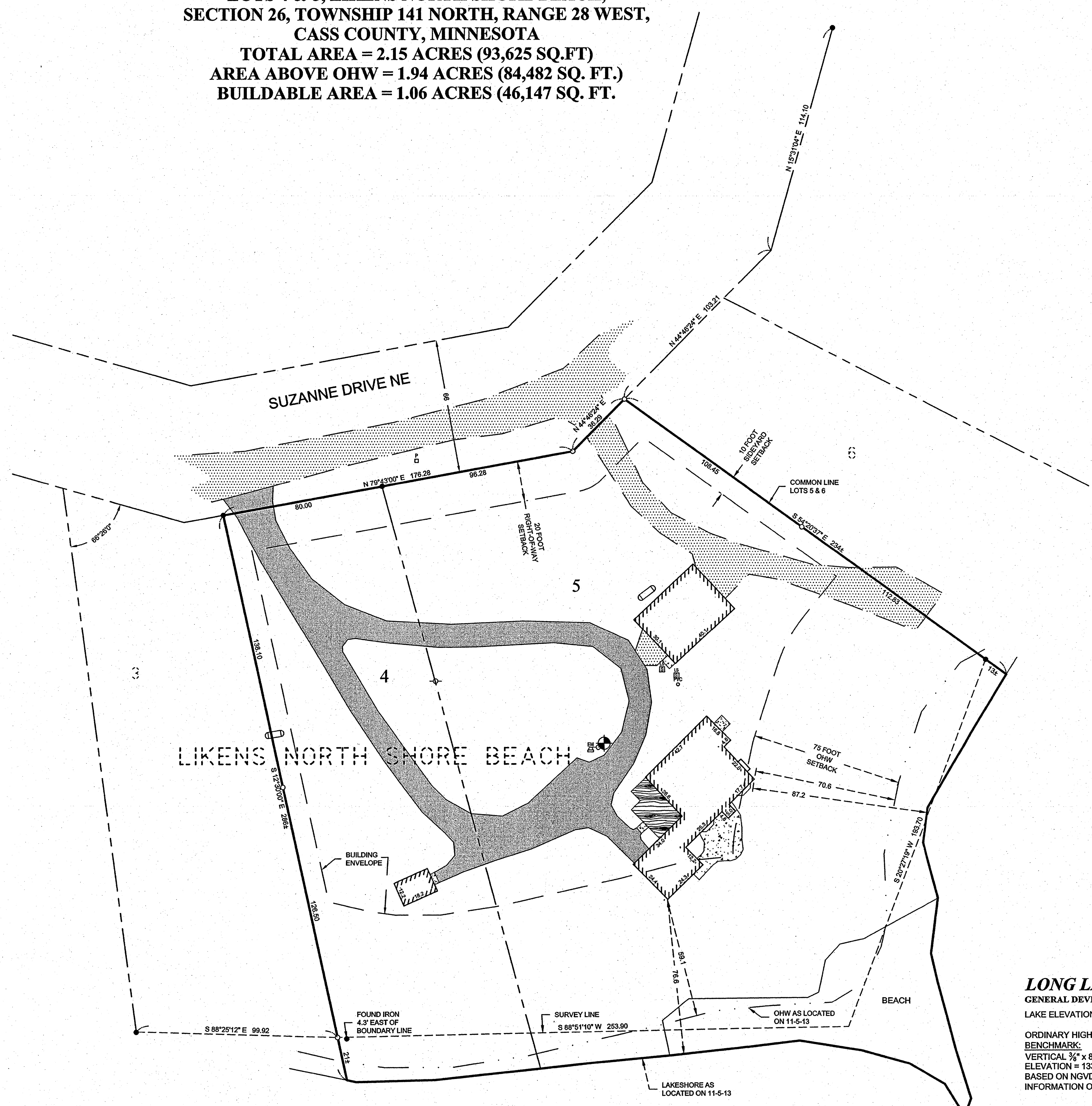
LEGEND

- DENOTES EDGE OF EXISTING BITUMINOUS
- DENOTES EDGE OF EXISTING GRAVEL
- DENOTES EDGE OF EXISTING CONCRETE
- DENOTES EDGE OF EXISTING WOODEN DECKING
- DENOTES EXISTING UTILITY POLE
- DENOTES EXISTING ELECTRIC METER
- DENOTES EXISTING PHONE PEDESTAL & PHONE BOX
- DENOTES EXISTING LP TANK
- DENOTES EXISTING SEPTIC VENT, SEPTIC CLEANOUT, & SEPTIC TANK LID
- DENOTES EXISTING SEPTIC LIFT STATION
- BENCHMARK:
3/4" SPIKE IN THE SOUTH FACE OF POWER POLE
ELEV. = 1344.99
- DENOTES MONUMENT FOUND
- DENOTES IRON MONUMENT SET MARKED BY LICENSE No. 44881

ORIENTATION OF THIS BEARING SYSTEM IS BASED ON THE COMMON LINE OF LOTS 5 & 6 TO HAVE AN ASSUMED BEARING OF S 54°20'37" E.

NOTES:

1. Zoning for subject tract = "SHORELAND RESIDENTIAL".
2. Parcel ID of subject parcel: 19-439-0050 & 19-439-0040.
3. The property address of subject parcel: 1563 SUZANNE DRIVE NE.
4. There was no well visible on site, contact owner for location.



LONG LAKE
GENERAL DEVELOPMENT CLASSIFICATION
LAKE ELEVATION = 1328.82 11-5-13
ORDINARY HIGH WATER ELEVATION = 1330.8
BENCHMARK:
VERTICAL 3/4" x 8" SPIKE IN THE W-SW ROOT OF A 2.3' WHITE PINE
ELEVATION = 1336.15
BASED ON NGVD 29 DATUM
INFORMATION OBTAINED FROM MNDNR

REVISIONS	DESCRIPTION	DATE	BY

PROJECT No.: 13273	DATE: 11-22-13	SCALE: 1" = 30'	VERT.:	NONE
FILE NAME: C:\13273.dwg	FIELD BOOK:	BOOK: 422	PG. 3	
PROJECT MANAGER: CMH	CHECKED BY: RJF	DRAWN BY: CMH		

CERTIFICATE OF SURVEY	SHEET
KATHRYN HALLIGAN 1827 216TH STREET E CLEARWATER, MN 55320	1 OF 1