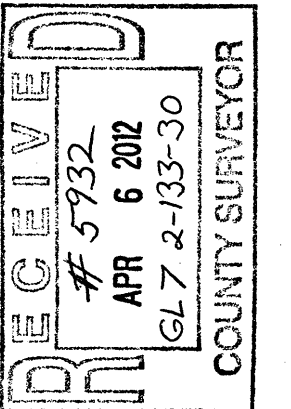
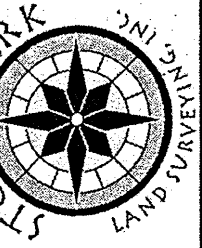


# CERTIFICATE OF SURVEY

LOT 3, BLOCK 1, SYLVAN SHADY SHORES  
SECTION 2, TOWNSHIP 133 NORTH, RANGE 30 WEST,  
CASS COUNTY, MINNESOTA



30176 Old Highway #371  
Suite 2  
P. O. Box 874  
Pequot Lakes, MN 56472  
Phone: 1-218-568-4940  
www.stonemansurvey.com



DATE: 4/23/11  
BY: R.J.F.  
REVISIONS: Address phone set on line

DATE: 8-15-2011  
SCALE: 1"=20'  
HORZ. VERT. NONE

PROJECT No.: 11145  
FILE NAME: C11145.dwg  
FIELD BOOK: BOOK 408 PG. 6

PROJECT MANAGER: CMH  
CHECKED BY: CMH  
DRAWN BY: R.J.F.

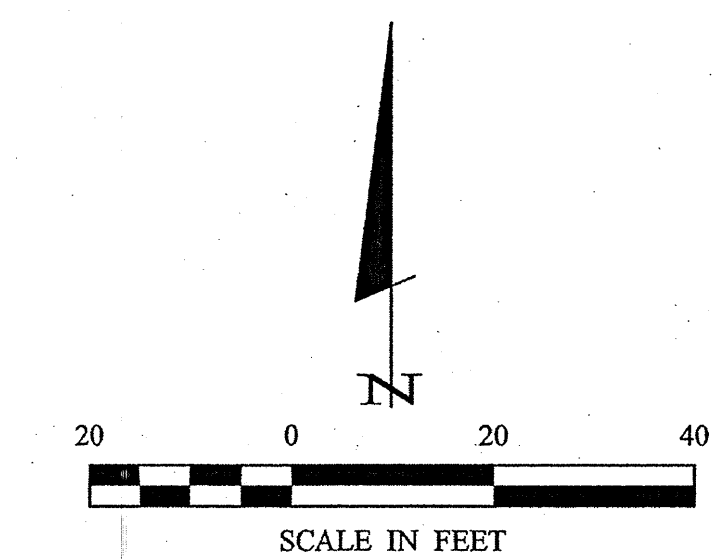
CERTIFICATE OF SURVEY  
David J. Geering Property  
Structures International, Inc.  
221 North Hazelwood Drive  
P.O. Box 150  
Nisswa, MN 56468

EXISTING	Impervious Area (sq.ft.)	Net Area (sq.ft.)	Percent Impervious (sq.ft.)
Structures			
Cabin	558	51,704	1.1%
Deck	238	51,704	0.5%
Driveway	3,969	51,704	7.7%
Other			
Concrete & Pavers	172	51,704	0.3%
<b>Total</b>	<b>4,937</b>	<b>51,704</b>	<b>9.5%</b>

## LEGEND

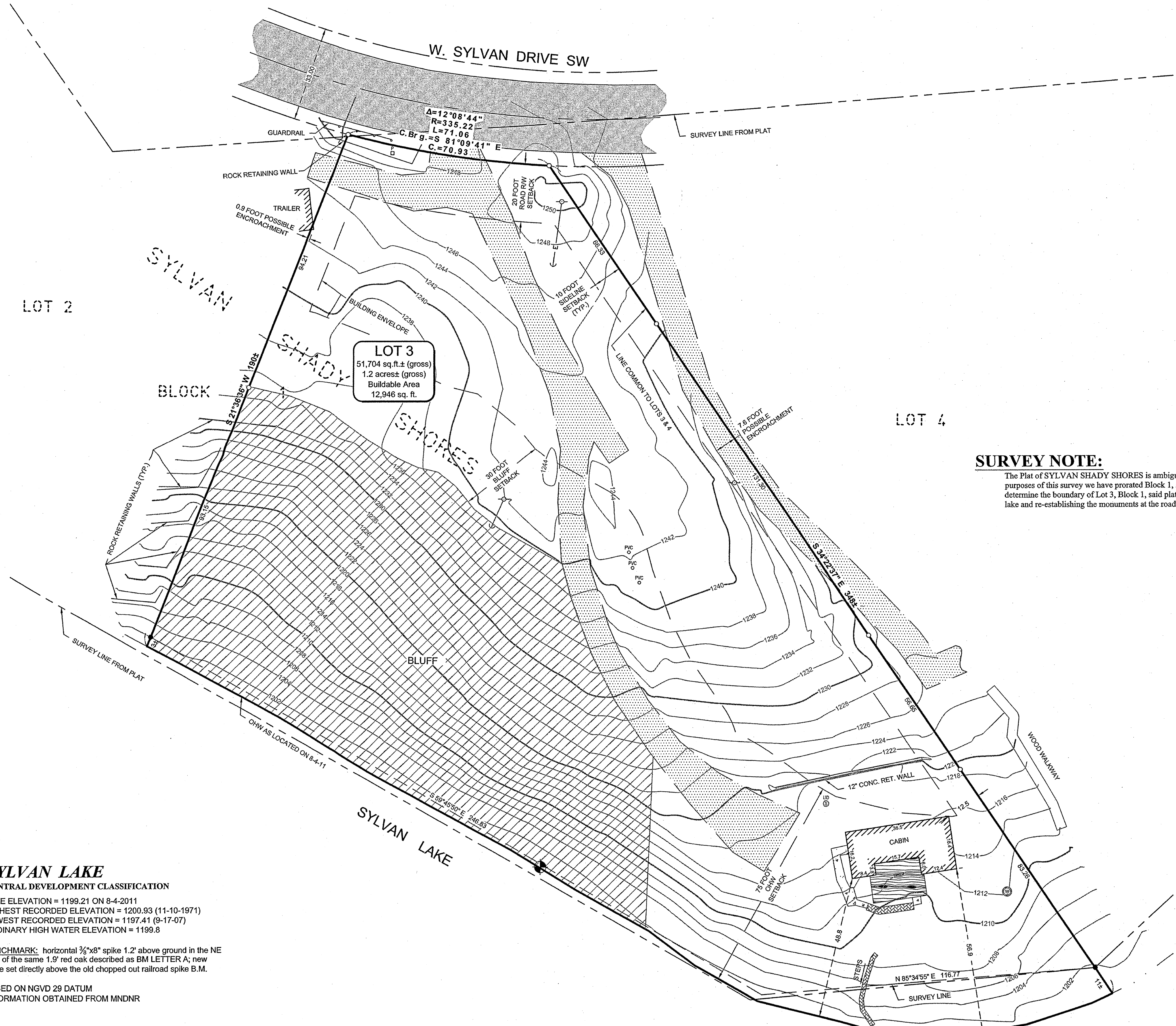
- DENOTES EXISTING RETAINING WALL
- DENOTES EDGE OF EXISTING BITUMINOUS
- DENOTES EDGE OF EXISTING GRAVEL
- DENOTES EDGE OF EXISTING CONCRETE
- DENOTES EDGE OF EXISTING PAVING STONES
- DENOTES EDGE OF EXISTING WOODEN DECKING
- DENOTES BLUFF AREA
- DENOTES EXISTING INTERMEDIATE CONTOURS
- DENOTES EXISTING INDEX CONTOURS
- DENOTES EXISTING UTILITY POLE W/ GUY WIRE
- DENOTES EXISTING PHONE PEDESTAL & PHONE BOX
- DENOTES EXISTING WELL
- DENOTES EXISTING SEPTIC VENT, SEPTIC CLEANOUT, & SEPTIC TANK LID
- BENCHMARK:**  
SET 3/4" SPIKE IN NORTH FACE OF 14" OAK AT WATERS EDGE  
ELEV. = 1202.38
- DENOTES MONUMENT FOUND
- DENOTES IRON MONUMENT SET MARKED BY LICENSE No. 44881

ORIENTATION OF THIS BEARING SYSTEM IS BASED ON THE COMMON LINE TO LOTS 3 & 4 TO HAVE AN ASSUMED BEARING OF S 34°22'37" E.



## 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 8-4-11.
- Zoning for subject tract = "Shoreland Residential".
- There are no wet lands within surveyed property.
- Parcel ID of subject parcel: 41-562-0106.
- The property address of subject parcel: 12244 W Sylvan Dr SW.



## SURVEY NOTE:

The Plat of SYLVAN SHADY SHORES is ambiguous and impossible to compute. For purposes of this survey we have prorated Block 1, said plat, distances between Lots 1-6, to determine the boundary of Lot 3, Block 1, said plat. Holding found monumentation at the lake and re-establishing the monuments at the road.

**SYLVAN LAKE**  
CENTRAL DEVELOPMENT CLASSIFICATION  
LAKE ELEVATION = 1199.21 ON 8-4-2011  
HIGHEST RECORDED ELEVATION = 1200.93 (11-10-1971)  
LOWEST RECORDED ELEVATION = 1197.41 (9-17-07)  
ORDINARY HIGH WATER ELEVATION = 1199.8

**BENCHMARK:** horizontal 3/4"x8" spike 1.2' above ground in the NE side of the same 1.9' red oak described as BM LETTER A; new spike set directly above the old chopped out railroad spike B.M.

BASED ON NGVD 29 DATUM  
INFORMATION OBTAINED FROM MNDNR