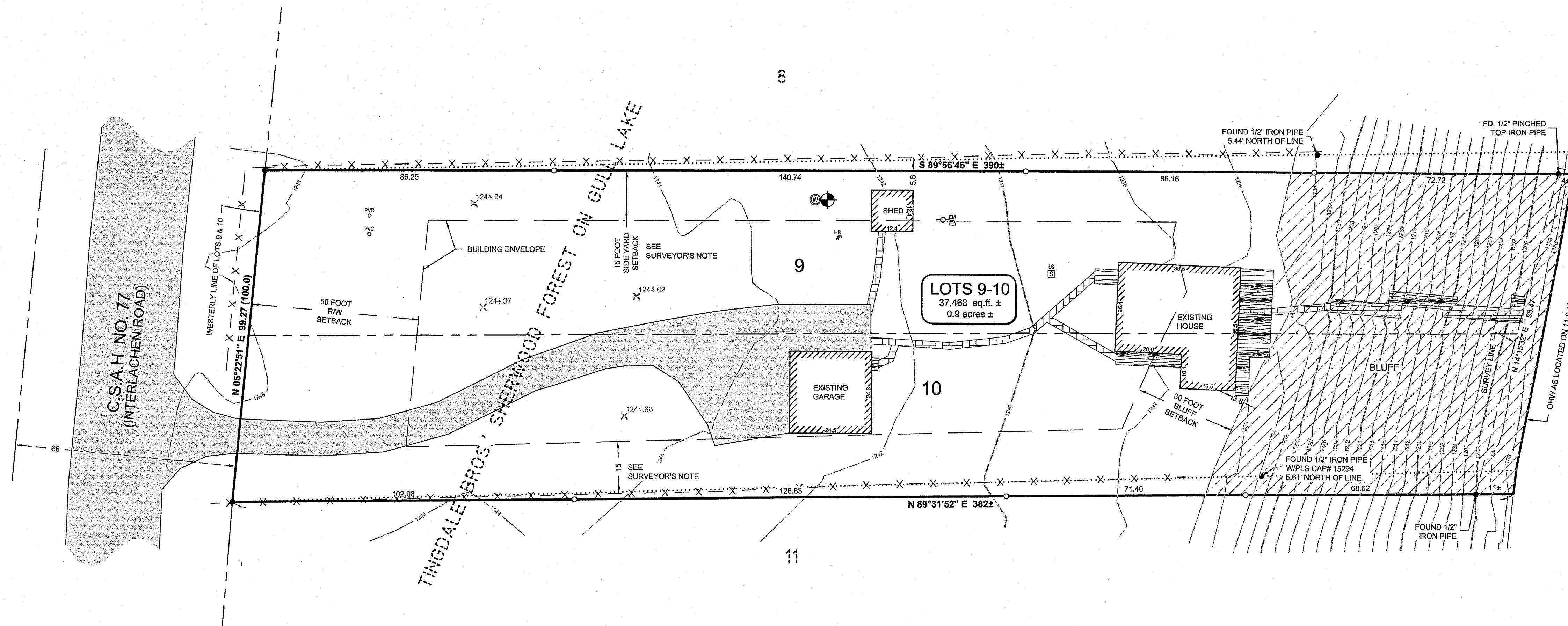


CERTIFICATE OF SURVEY

LOTS 9-10, BLOCK 19, TINGDALE BROS.' SHERWOOD FOREST ON GULL LAKE
SECTION 20, TOWNSHIP 135 NORTH, RANGE 29 WEST
CASS COUNTY, MINNESOTA



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 = 1193.82 ON 11-9-16

LEGEND

- X - X - DENOTES EXISTING FENCE LINE
- [Hatched] DENOTES EDGE OF EXISTING BITUMINOUS
- [Dotted] DENOTES EDGE OF EXISTING GRAVEL
- [Cross-hatched] DENOTES EDGE OF EXISTING PAVING STONES
- [Wavy] DENOTES EDGE OF EXISTING WOODEN DECKING
- [Diagonal lines] DENOTES BLUFF AREA
- 1208- DENOTES EXISTING INTERMEDIATE CONTOURS
- 1210- DENOTES EXISTING INDEX CONTOURS
- X 1234.5 DENOTES SPOT ELEVATION (EXISTING GRADE)
- DENOTES EXISTING UTILITY POLE
- ⊕ DENOTES EXISTING ELECTRIC METER
- ⊙ DENOTES EXISTING WELL
- ⊕ DENOTES EXISTING HOSE BIB
- ⊕ 800 ⊕ DENOTES EXISTING SEPTIC VENT, SEPTIC CLEANOUT, & SEPTIC TANK LID
- ⊕ 50 ⊕ DENOTES EXISTING SEPTIC LIFT STATION
- ⊕ DENOTES BENCHMARK: HIGH POINT OF WELL ELEV. = 1245.09
- (123.45) DENOTES PLAT AND/OR DEEDED MEASURE
- DENOTES MONUMENT FOUND
- DENOTES IRON MONUMENT SET MARKED BY LICENSE No. 41002

SURVEYOR'S NOTES:

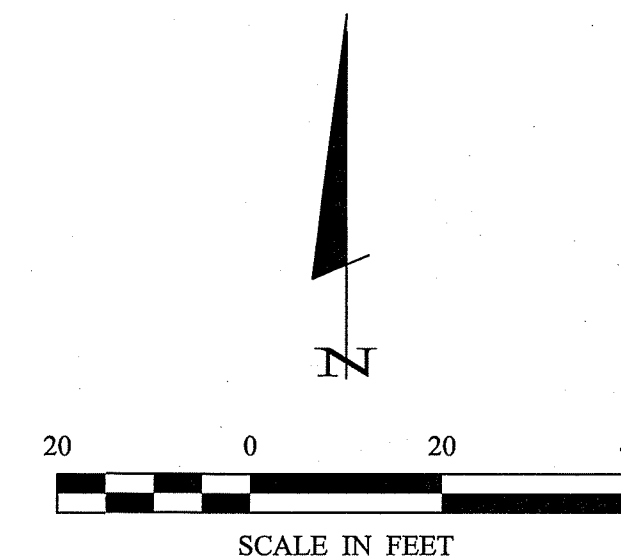
- The north line of Lot 9 and the south line of Lot 10 are monumented such that two separate boundary solutions can be considered for each line. The iron pipes found nearest the lakeshore on these lines appear to be original monuments from the plat. Iron pipes found near top of bluff produce a different set of lines and coincide with fence/occupation lines of the property.
- The 15 foot sideyard setbacks as shown on this drawing use the most restrictive of the two potential boundary lines for each line.
- Legal advice is recommended to create definitive boundaries.

NOTES:

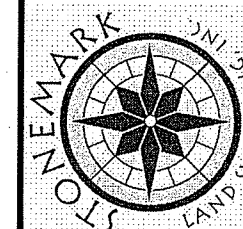
- Contour interval as shown = 2 foot. Based on NGVD 29 datum. Contours shown have been obtained using standard survey topographic methodologies. Field located on 11-9-16.
- Zoning for subject tract = "Shoreland Residential R-2".
- There are no wet lands located within surveyed property.
- Parcel ID of subject parcel: 90-437-1930.
- The property address of subject parcel: 8662 Interlachen Rd.

IMPERVIOUS CALCULATIONS

EXISTING	IMPERVIOUS AREA (sq.ft.)	Net Area (sq.ft.)	Percent Impervious (sq.ft)
House	1,128	37,468	3.0%
Garage	596	37,468	1.6%
Shed	154	37,468	0.4%
Pavers	309	37,468	0.8%
Bituminous	2,961	37,468	7.9%
Total	5,148	37,468	13.7%



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Pequot Lakes, MN 56472
218-568-4040
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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.
Patrick Protzler
PATRICK PROTZLER PLS# 41002
DATE 12-06-2016 LIC. NO. 41002

REVISIONS	DATE	DESCRIPTION

DATE: 12-06-2016
SCALE: 1" = 20'
HORZ. 1" = 20'
VERT. NONE

PROJECT No.: 16360
FILE NAME: C:\6360.dwg
FIELD BOOK: 434
BOOK: 438 PG. 45

PROJECT MANAGER: PAT
CHECKED BY: PAT
DRAWN BY: CGS

CERTIFICATE OF SURVEY
DAVID HIRTH
927 COTTONWOOD ST
NEW ULM, MN 56468

SHEET 1 of 1