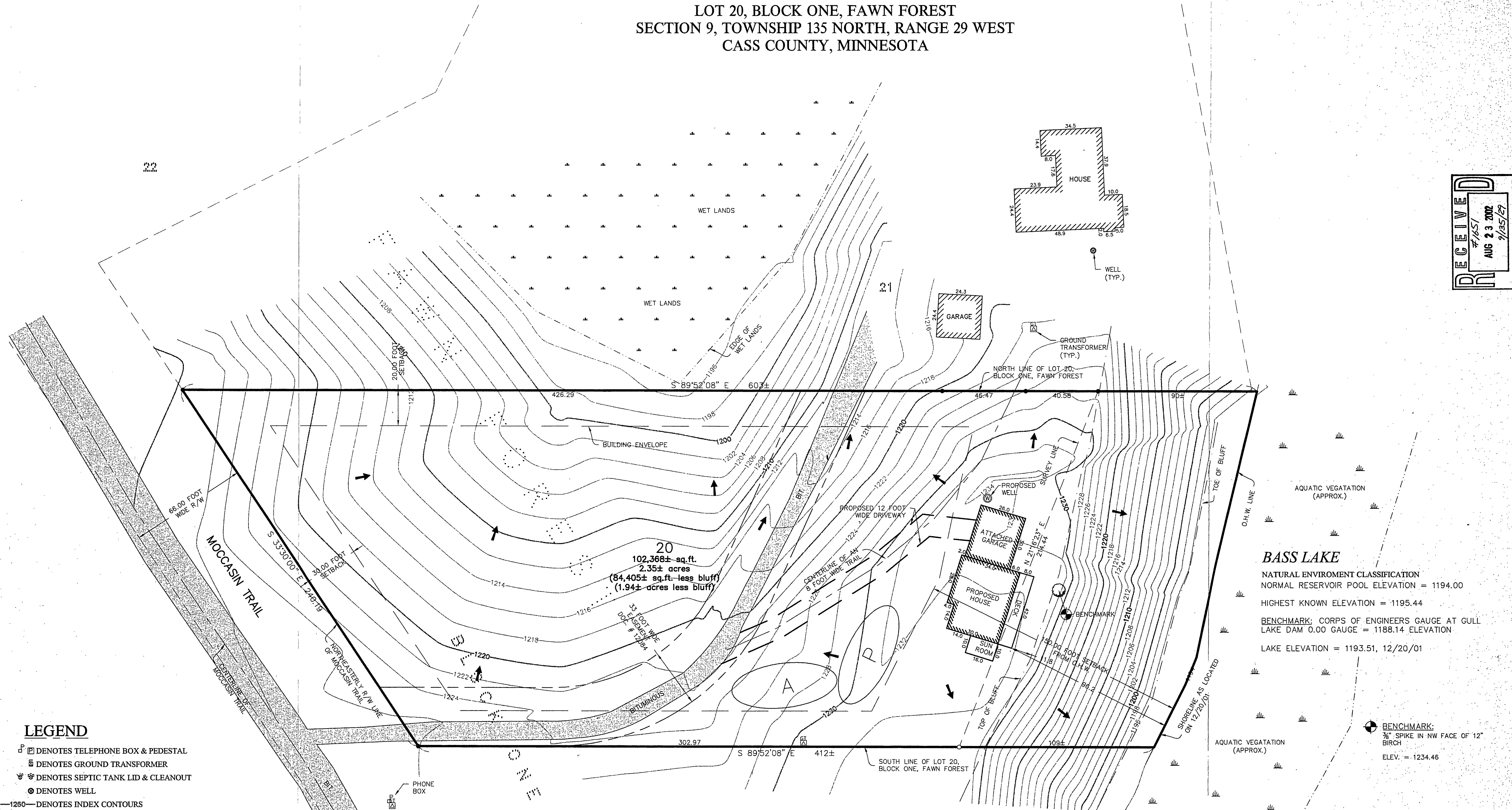


CERTIFICATE OF SURVEY

LOT 20, BLOCK ONE, FAWN FOREST
SECTION 9, TOWNSHIP 135 NORTH, RANGE 29 WEST
CASS COUNTY, MINNESOTA



- LEGEND**
- ☐ DENOTES TELEPHONE BOX & PEDESTAL
 - ⊠ DENOTES GROUND TRANSFORMER
 - ⊕ DENOTES SEPTIC TANK LID & CLEANOUT
 - ⊙ DENOTES WELL
 - 1260— DENOTES INDEX CONTOURS
 - 1258— DENOTES INTERMEDIATE CONTOURS
 - DENOTES WET LANDS
 - DENOTES MONUMENT FOUND
 - DENOTES IRON MONUMENT SET MARKED BY LICENSE No. 17008
 - ← DENOTES SURFACE DRAINAGE FLOW
 - ⊙ DENOTES PROPOSED WELL
 - P DENOTES PROPOSED DRAINFIELD
 - A DENOTES PROPOSED ALTERNATE DRAINFIELD

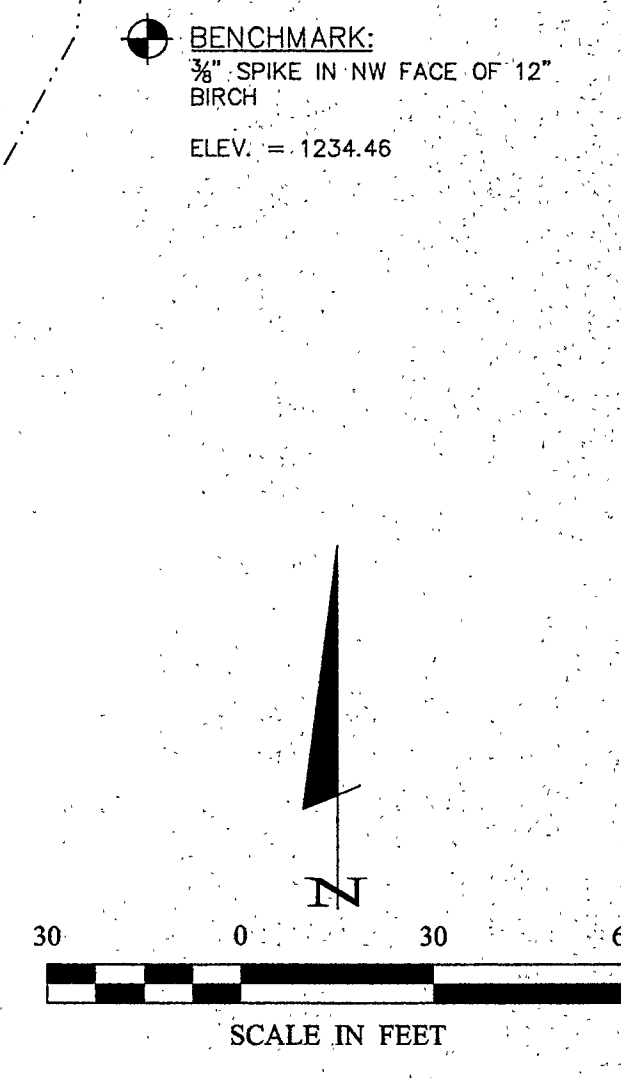
ORIENTATION OF THIS BEARING SYSTEM IS BASED ON THE NORTHEASTERLY R/W LINE OF MOCCASIN TRAIL TO HAVE AN ASSUMED BEARING OF S 33°30'00" E.

- NOTES:**
1. CONTOUR INTERVAL AS SHOWN = 2 FOOT. BASED ON NGVD 29 DATUM. PER MN DNR.
 2. ZONING FOR SUBJECT TRACT = "RESIDENTIAL - MEDIUM DENSITY"

IMPERVIOUS CALCULATIONS

PROPOSED			
	Impervious Area (sq. ft.)	Total Net Area (sq. ft.)	Percent Impervious (sq. ft.)
Structures			
House	1,372.00	84,405.00	1.6%
Garage	780.00	84,405.00	0.9%
Sun Porch	160.00	84,405.00	0.2%
Deck	336.00	84,405.00	0.4%
Gravel			
Proposed Driveway	1,868.00	84,405.00	2.2%
Pavement			
Existing Driveway	3,764.00	84,405.00	4.5%
Other			
Conc. Pad		84,405.00	0.0%
Proposed Addition		84,405.00	0.0%
Total	8,280.00	84,405.00	9.8%

BASS LAKE
NATURAL ENVIROMENT 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 = 1193.51, 12/20/01



RECEIVED
#7/257
AUG 23 2002
9/25/02
CASS COUNTY SURVEYOR

Landecker & Associates, Inc.
Professional Surveyors
P.O. Box 108, 56558 Marshall, MN 56558
Phone: (888) 666-9490 Fax: (218) 666-9494

DATE: 8/15/02 LIC. NO. 17008

BY: David S. Landecker, PLS. #17008

REVISIONS:

DATE	DESCRIPTION
08/15/02 <td></td>	

COMPUTER: CO11305.dwg
FIELD BOOK: BOOK 210 PG. 34
FILE NO: 011305

PROJ. MGR: KTM
CHECKED BY: DSL
DRAWN BY: CMH

CERTIFICATE OF SURVEY

Mary Ann Eliason
509 Elaine Ave.
Marshall, MN 56558

1 of 1