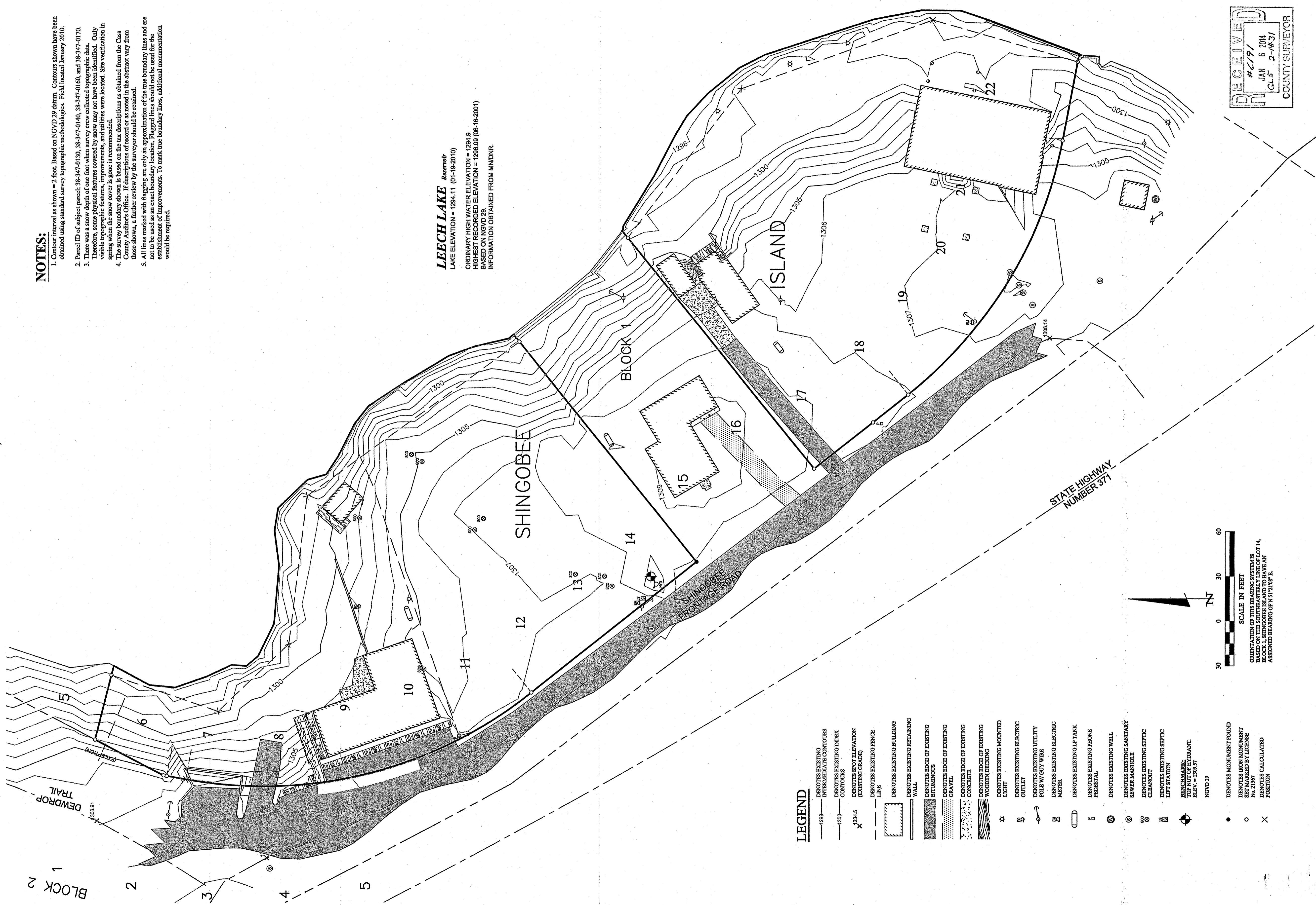


# TOPOGRAPHICAL SURVEY

LOTS 6-14 AND 17-22, BLOCK 1, SHINGOBBE ISLAND,  
SECTION 2, TOWNSHIP 141 NORTH, RANGE 31 WEST,  
CASS COUNTY, MINNESOTA



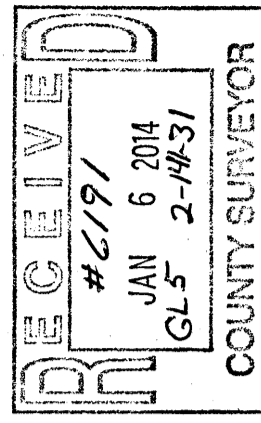
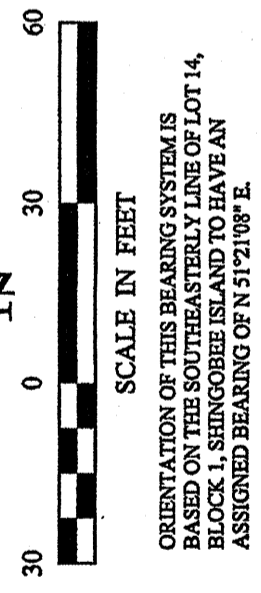
**NOTES:**

1. Contour interval as shown = 2 foot. Based on NGVD 29 datum. Contours shown have been obtained using standard survey topographic methodologies. Field located January 2010.
2. Parcel ID of subject parcel: 38-347-0130, 38-347-0140, 38-347-0160, and 38-347-0170.
3. There was a snow depth of one foot when survey crew collected topographic data. Therefore, some physical features covered by snow may not have been identified. Only visible topographic features, improvements, and utilities were located. Site verification in spring when the snow cover is gone is recommended.
4. The survey boundary shown is based on the tax descriptions as obtained from the Cass County Auditor's Office. If descriptions of record or as noted in the abstract vary from those shown, a further review by the surveyor should be retained.
5. All lines marked with flagging are only an approximation of the true boundary lines and are not to be used as an exact boundary location. Flagged lines should not be used for the establishment of improvements. To mark true boundary lines, additional monumentation would be required.

**LEECH LAKE Reservoir**  
LAKE ELEVATION = 1294.11 (01-19-2010)  
ORDINARY HIGH WATER ELEVATION = 1294.9  
TYPICAL DRY ELEVATION = 1296.09 (06-16-2001)  
BASED ON NAD 83  
INFORMATION OBTAINED FROM MINNDNR.

**LEGEND**

- 1288 --- DENOTES EXISTING INTERMEDIATE CONTOURS
- 1300 --- DENOTES EXISTING INDEX CONTOURS
- ✕ 1284.5 DENOTES SPOT ELEVATION (EXISTING GRADE)
- LINE --- DENOTES EXISTING FENCE
- [Hatched Box] DENOTES EXISTING BUILDING
- [Solid Line] DENOTES EXISTING RETAINING WALL
- [Dotted Box] DENOTES EXISTING BUTADIACUS
- [Dotted Box] DENOTES EDGE OF EXISTING GRAVEL
- [Dotted Box] DENOTES EDGE OF EXISTING CONCRETE
- [Dotted Box] DENOTES EDGE OF EXISTING WOODEN DECKING
- ☆ DENOTES EXISTING MOUNTED LIGHT
- ⊙ DENOTES EXISTING ELECTRIC OUTLET
- ⊙ DENOTES EXISTING UTILITY POLE W/ GUY WIRE
- ⊙ DENOTES EXISTING ELECTRIC METER
- [Circle with T] DENOTES EXISTING LP TANK
- [Square with P] DENOTES EXISTING PHONE PEDestal
- [Circle with W] DENOTES EXISTING WELL
- [Circle with S] DENOTES EXISTING SANITARY SEWER MANHOLE
- [Circle with C] DENOTES EXISTING SEPTIC CLEANOUT
- [Circle with L] DENOTES EXISTING SEPTIC LEFT STATION
- ⊕ BENCHMARK: TOP NUT OF HYDRANT. ELEV. = 1305.57
- NOVD 29
- DENOTES MONUMENT FOUND
- DENOTES IRON MONUMENT SET MARKED BY LICENSE
- ✕ DENOTES CALCULATED POSITION



<b>TOPOGRAPHICAL SURVEY</b> Architectural Resources, Inc. Attn: Scott Sossala 704 East Howard Street Hibbing, MN 55746		PROJECT No.: 092739 FILE NAME: T092139.dwg FIELD BOOK: BOOK 305, PG. 4	DATE: 01-22-2010 SCALE: 1" = 30' HORIZ.: VERT.: NONE	REVISIONS DESCRIPTION DATE	BY DESCRIPTION DATE
SHEET 1 OF 1		PROJECT MANAGER: TLF CHECKED BY: TLF DRAWN BY: WAG	DATE: 01-22-2010 SCALE: 1" = 30' HORIZ.: VERT.: NONE	REVISIONS DESCRIPTION DATE	BY DESCRIPTION DATE

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