

# Certificate of Survey for:

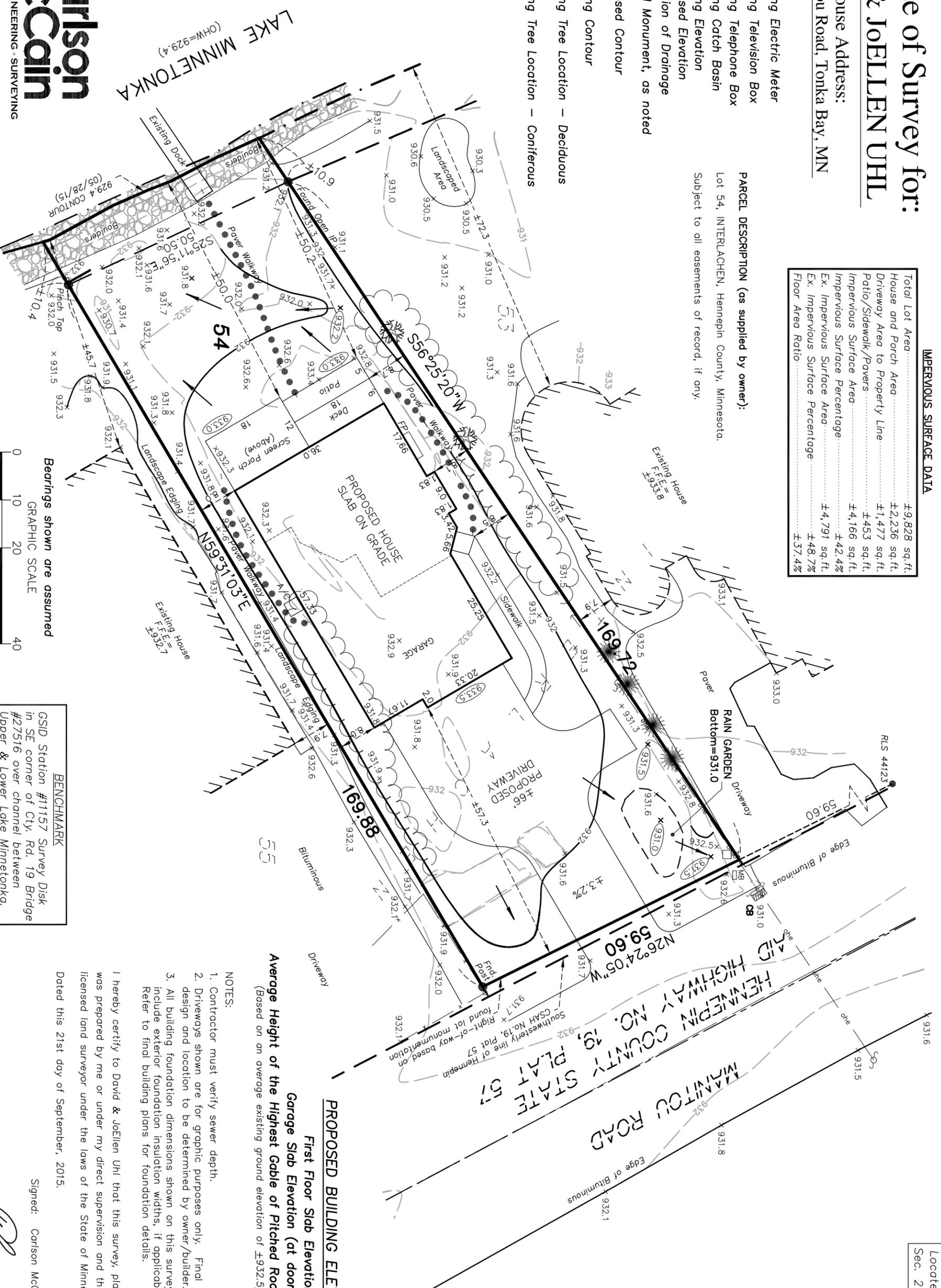
## DAVID & JOELLEN UHL

House Address:  
4348 Manitou Road, Tonka Bay, MN

- EM Denotes Existing Electric Meter
- TV Denotes Existing Television Box
- TB Denotes Existing Telephone Box
- Denotes Existing Catch Basin
- x 000.0 Denotes Existing Elevation
- x 900.0 Denotes Proposed Elevation
- Denotes Direction of Drainage
- Denotes Found Monument, as noted
- Denotes Proposed Contour
- Denotes Existing Contour
- Denotes Existing Tree Location - Deciduous
- Denotes Existing Tree Location - Coniferous

IMPERVIOUS SURFACE DATA	
Total Lot Area	±9,828 sq. ft.
House and Porch Area	±2,236 sq. ft.
Driveway Area to Property Line	±1,477 sq. ft.
Patio/Sidewalk/Pavers	±453 sq. ft.
Impervious Surface Area	±4,166 sq. ft.
Impervious Surface Percentage	±42.4%
Ex. Impervious Surface Area	±4,791 sq. ft.
Ex. Impervious Surface Percentage	±48.7%
Floor Area Ratio	±37.4%

PARCEL DESCRIPTION (as supplied by owner):  
Lot 54, INTERLACHEN, Hennepin County, Minnesota.  
Subject to all easements of record, if any.



**Carlson McCain**  
ENVIRONMENTAL • ENGINEERING • SURVEYING  
248 Apollo Dr., Suite 100, Lino Lakes, MN 55014  
Phone: 763-489-7900 Fax: 763-489-7959  
T021 5845.001 proposed

Bearings shown are assumed  
GRAPHIC SCALE



**BENCHMARK**  
GSID Station #11157 Survey Disk  
in SE corner of City. Rd. 19 Bridge  
#27516 over channel between  
Upper & Lower Lake Minnetonka.  
Elevation = 951.61 (NGVD 29)

### PROPOSED BUILDING ELEVATIONS

First Floor Slab Elevation: 933.7  
Garage Slab Elevation (at door): 933.5  
Average Height of the Highest Gable of Pitched Roof: ±957.7  
(Based on an average existing ground elevation of ±932.5)

- NOTES:
- Contractor must verify sewer depth.
  - Driveways shown are for graphic purposes only. Final driveway design and location to be determined by owner/builder.
  - All building foundation dimensions shown on this survey include exterior foundation insulation widths, if applicable. Refer to final building plans for foundation details.

I hereby certify to David & JoEllen Uhl that this survey, plan or report was prepared by me or under my direct supervision and that I am a duly licensed land surveyor under the laws of the State of Minnesota.  
Dated this 21st day of September, 2015.

Signed: Carlson McCain, Inc.

By: *Thomas R. Bolluff*  
Thomas R. Bolluff, L.S. Reg. No. 40361  
Peter J. Blomquist, L.S. Reg. No. 51676  
Revised: City Comments-10/12/15  
Revised: City Comments-10/09/15

Located in the SE 1/4 of  
Sec. 21, Twp. 117, Rge. 23

