

- DESCRIPTION OF PROPERTY SURVEYED
- Lot 26 and the Northerly 15 feet of Lot 27, SHADY WOOD, according to the recorded plat thereof, Hennepin County, Minnesota
- STANDARD NOTES
- 1) Site Address: 1856 Shadywood Road, Orono, Minnesota 55391

2) A title opinion was not furnished to the surveyor as part of this survey. Only easements per the recorded plat are shown unless otherwise denoted hereon.

3) Flood Zone Information: X (area determined to be outside of the 0.2% annual chance floodplain) and Zone AE (Areas subject to inundation by the 1-percent-annual-chance flood event determined by detailed methods. Base Flood Elevations (BFEs) are shown. Mandatory flood insurance purchase requirements and floodplain management standards apply.) per Flood Insurance Rate Map, Community Panel No. 27053C0303F, effective date of November 4, 2016.

4) Parcel Area Information: Gross Area: 23,247 s.f. +/- = 0.533 acres +/-

5) Benchmark: Elevations are based on TNH @ Lots 24 & 25, SHADY WOOD = 946.30 Feet.

6) Zoning Information: The current Zoning for the subject property is LR-1-C (One Family Lakeshore Residential- 1/4 Acres) per the City of Orono's zoning map dated November 2018. The setback, height, and floor space area restrictions for said zoning designation are as follows:

Principal Structure Setbacks - Street(s): 30 feet (Shadywood Road)
Side: 10 feet
Rear: 30 feet
Lake: 75 feet/Average Lakeshore Setback (From Ordinary High Water Line)
Height: 30 feet

Accessory Structure Setbacks - Front: 30 feet
Side: 10 feet
Rear: 75 feet (Lake Side- From Ordinary High Water Line)

Please note that the zoning information shown hereon may have been amended through a city process. We recommend that a zoning letter be obtained from the Zoning Administrator for the current restrictions for this site. All setback information and hardcover data for planning and design must be verified by all parties involved in the design and planning process.

7) Utilities: We have shown the location of utilities on the surveyed property by observed evidence only. There may be underground utilities encumbering the subject property we are unaware. Please note that we have not placed a Gopher State One Call for this survey. There may or may not be underground utilities in the mapped area, therefore extreme caution must be exercised before any excavation takes place on or near this site. Also, please note that seasonal conditions may inhibit our ability to visibly observe all the utilities located on the subject property. Before digging, you are required by law to notify Gopher State One Call at least 48 hours in advance at 651/454-0002.

8) Builder to verify sanitary service invert prior to any concrete work.

Existing Elevations

Garage Floor Elevation = 944.3

First Floor Elevation = 954.3

Lookout Opening Elevation = 953.6

Walkout Floor Elevation = 950.8

Proposed Elevations - FB - 10' Poured Basement

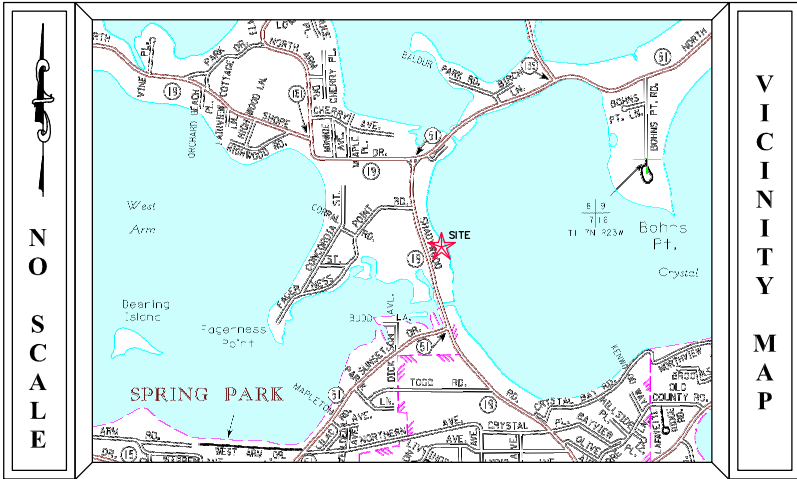
Proposed Garage Floor Elevation = 953.0

Proposed Top of Foundation Elevation = 953.3

Proposed First Floor Elevation = 954.0

Proposed Basement Floor Elevation = 943.6

Cut/Fill Report	2d Area (Sq. Ft.)	Cut (Cu. Yd.)	Fill (Cu. Yd.)	Net (Cu. Yd.)
Volume Summary				
Comparison Surfaces				
Existing Grade / Proposed Basement	858.59	317.00	0.00	317.00 <Cut>
Existing Grade / Proposed Garage	1077.38	45.05	0.00	45.05 <Cut>
Existing Grade / Proposed Porch	121.56	46.52	0.00	46.52 <Cut>
Existing Grade / Proposed Upper Patio	320.91	1.28	9.96	8.68 <Fill>
Existing Grade / Proposed Lower Patio	219.66	16.57	0.00	16.57 <Cut>
Existing Grade / Proposed (Finished) Grade	11,093.70	240.07	83.90	156.17 <Cut>
Totals				
	2d Area (Sq. Ft.)	Cut (Cu. Yd.)	Fill (Cu. Yd.)	Net (Cu. Yd.)
Totals	13,691.80	666.49	93.85	± 572.64 <Cut>



Bearings are based on the Hennepin County Coordinate System (NAD 83 - 1986 adj.)

SURVEY LEGEND

- CAST IRON MONUMENT

IRON PIPE MONUMENT SET

IRON PIPE MONUMENT FOUND

DRILL HOLE FOUND

CHISELED "X" MONUMENT SET

CHISELED "X" MONUMENT FOUND

REBAR MONUMENT FOUND

PK NAIL MONUMENT SET

PK NAIL MONUMENT FOUND

PK NAIL W/ ALUMINUM DISC

SURVEY CONTROL POINT

A/C UNIT

CABLE TV PEDESTAL

ELECTRIC TRANSFORMER

ELECTRIC MANHOLE

ELECTRIC METER

ELECTRIC OUTLET

YARD LIGHT

UTILITY PEDESTAL

FIBER OPTIC MANHOLE

FIRE DEPT. HOOK UP

FLAG POLE

FUEL PUMP

FUEL TANK

PROPANE TANK

GAS METER

GAS VALVE

GAS MANHOLE

GENERATOR

GUARD POST

HAND HOLE

MAIL BOX

PIEZOMETER

POWER POLE

GUY WIRE

ROOF DRAIN

LIFT STATION

SANITARY MANHOLE

SANITARY CLEANOUT

STORM MANHOLE

STORM DRAIN

CATCH BASIN

FLARED END SECTION

TREE CONIFEROUS

TREE DECIDUOUS

TREE CONIFEROUS REMOVED

TREE DECIDUOUS REMOVED

TELEPHONE MANHOLE

TELEPHONE PEDESTAL

UTILITY MANHOLE

UTILITY PEDESTAL

UTILITY VAULT

WATERMAIN MANHOLE

WATER METER

WATER SPIGOT

WELL

MONITORING WELL

CURB STOP

GATE VALVE

HYDRANT

IRRIGATION VALVE

POST INDICATOR VALVE

SIGN

SOIL BORING

WOE WALKOUT ELEVATION

FFE FIRST FLOOR ELEVATION

GFE GARAGE FLOOR ELEVATION

TOF TOP OF FOUNDATION ELEV.

LOE LOWEST OPENING ELEV.

CONCRETE

BITUMINOUS

BUILDING SETBACK LINE

CABLE TV

CONCRETE CURB

CONTOUR EXISTING

CONTOUR PROPOSED

GUARD RAIL

DRAIN TILE

ELECTRIC UNDERGROUND

FENCE

FIBER OPTIC UNDERGROUND

GAS UNDERGROUND

OVERHEAD UTILITY

TREE LINE

SANITARY SEWER

STORM SEWER

TELEPHONE UNDERGROUND

RETAINING WALL

UTILITY UNDERGROUND

WATERMAIN

TRAFFIC SIGNAL

RAILROAD TRACKS

RAILROAD SIGNAL

RAILROAD SWITCH

SATELLITE DISH

WETLAND BUFFER SIGN

FIELD CREW	NO.	BY	DATE	REVISION	USE (INCLUDING COPYING, DISTRIBUTION, AND/OR CONVEYANCE OF INFORMATION) OF THIS PRODUCT IS STRICTLY PROHIBITED WITHOUT SATHRE-BERGQUIST, INC.'S EXPRESS WRITTEN AUTHORIZATION. USE WITHOUT SAID AUTHORIZATION CONSTITUTES AN ILLEGITIMATE USE AND SHALL THEREBY INDEMNIFY SATHRE-BERGQUIST, INC. OF ALL RESPONSIBILITY. SATHRE-BERGQUIST, INC. RESERVES THE RIGHT TO HOLD ANY ILLEGITIMATE USER OR PARTY LEGALLY RESPONSIBLE FOR DAMAGES OR LOSSES RESULTING FROM ILLEGITIMATE USE.		I hereby certify 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.		TWP:117-RGE:23-SEC.17 Hennepin County		CERTIFICATE OF SURVEY		FILE NO.
DM AK	1	JRS	5/12/2022	ADDED DUPLICATE SILT FENCE & CONC. WASHOUT			Sathed this 11th day of May, 2022.		ORONO, MINNESOTA		PREPARED FOR:		9745-107
DRAWN							<i>Daniel L. Schmidt</i>		14000 25TH AVENUE NORTH, SUITE 120 PLYMOUTH MN 55447 (952) 476-6000 WWW.SATHRE.COM		WOODDALE BUILDERS		1
CHECKED							Daniel L. Schmidt, PLS schmidt@sathre.com		Minnesota License No. 26147				1
DLS													
DATE													
6/21/21													