

DESCRIPTION OF PROPERTY SURVEYED
Lot 20, Block 3, LAKEVIEW OF ORONO, according to the recorded plat therof, Hennepin County, Minnesota

STANDARD NOTES

- 1) Site Address: 455 North Arm Drive, 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) per Flood Insurance Rate Map, Community Panel No. 27053C0285F, effective date of 1/04/2016.
- 4) Parcel Area Information: Gross Area: 123,930.503 s.f. ~ 2.84 acres
- 5) Benchmark: Elevations are based on MN/DOT Geodetic Station Name: Y 117 RESET which has an elevation of: 1013.666 feet (NAVD88).
- 6) Zoning Information: The current Zoning for the subject property is RR-1B (One Family Rural Residential) per the City of Orono's zoning map dated September 2016. The setback, height, and floor space area restrictions for said zoning designation were obtained from the City of Orono found on their web site on the date of October 10th, 2018 and are as follows:

Principal Structure Setbacks - Street(s): 50 feet (North Arm Drive)
Side: 30 feet
Rear: 50 feet
Height: 30 feet
Hardcover: 35 percent of lot area (Tier 3 per City of Orono Stormwater Quality Overlay District Map)

Please note that the general restrictions for the subject property may have been amended through a city process. We could be unaware of such amendments if they are not in a recorded document provided to us. 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 designers, architect or the likes.

- 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. Before digging, you are required by law to notify Gopher State One Call at least 48 hours in advance at 651/454-0002.
- 8) Grading must maintain a minimum 2% slope gradient to accommodate positive drainage.
- 9) All set offset irons are measured to hundredths of a foot and can be used as benchmarks for construction.
- 10) Proposed grades shown adjacent to building foundation refers to top of black dirt.
- 11) Verify sanitary service invert prior to any concrete work.

Development Plan Data - WO

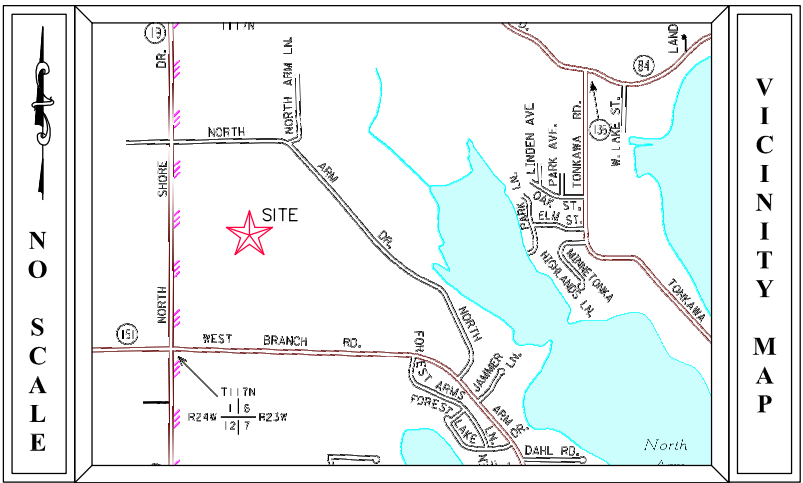
Garage Floor Elevation	= 957.0
Top of Foundation	= 957.3
Basement Floor Elevation	= 948.6

Proposed Elevations - WO

Proposed Garage Floor Elevation	= 957.0
Proposed Top of Foundation Elevation	= 957.3
Proposed Basement Floor Elevation	= 948.6

Asbuilt Elevations

Asbuilt Garage Elevation	= 957.3
Asbuilt First Floor Elevation	= 959.3
Asbuilt Top of Foundation Elevation	= 957.6 (Foundation Asbuilt)
Asbuilt Basement Floor Elevation	= 948.6
Asbuilt Basement Floor Elevation	= 948.6 (Foundation Asbuilt)



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

SURVEY LEGEND

<ul style="list-style-type: none">CAST IRON MONUMENTCATCH BASINFLARED END SECTIONGATE VALVEGUY WIREHYDRANTSURVEY MONUMENT SETSURVEY MONUMENT FOUNDSURVEY CONTROL POINTLIGHT POLEPOWER POLESANITARY MANHOLESANITARY CLEANOUTSIGNGROUND ELEVATIONSTORM DRAINSTORM MANHOLEYARD LIGHTA/C UNITWELL	<ul style="list-style-type: none">WFOE WALKOUT ELEVATIONFFE FIRST FLOOR ELEVATIONGFE GARAGE FLOOR ELEVATIONTOF TOP OF FOUNDATION ELEV.LOE LOWEST OPENING ELEV.CABLE TV PEDESTALELECTRIC TRANSFORMERELECTRIC MANHOLEELECTRIC METERGAS METERGAS VALVEHAND HOLESOIL BORINGTREE CONIFEROUSTREE DECIDUOUSTELEPHONE MANHOLETELEPHONE PEDESTALTRAFFIC SIGNALUTILITY MANHOLEUTILITY PEDESTAL	<ul style="list-style-type: none">BITUMINOUSBUILDING SETBACK LINECABLE TVCONCRETE CURBCONCRETECONTOUR EXISTINGCONTOUR PROPOSEDGUARD RAILDRAIN TILEELECTRIC UNDERGROUNDFENCEFIBER OPTIC UNDERGROUNDGAS UNDERGROUNDOVERHEAD UTILITYRAILROAD TRACKSSANITARY SEWERSTORM SEWERTELEPHONE UNDERGROUNDUTILITY UNDERGROUNDWATERMAIN
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FIELD CREW	NO.	BY	DATE	REVISION
JO	2	TS	12/15/2020	ADDED RETIALS
DRAWN	3	TS	1/6/2021	PROPOSED HARDCOVER WORKSHEET
TS	4	TS	1/8/2021	DECK DIMENSIONS
CHECKED	5	TS	12/10/2021	MOVED SILT FENCE/LABEL CON EASE SIGNS
DLS	6	TS	2/4/2021	ADDED CONS EASE SIGN
DATE	7	TS	5/4/2021	FOUNDATION ASBUILT
11/20/20	8	TS	6/5/2022	GRADING ASBUILT

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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.

Dated this 26th day of November, 2020.

Daniel L. Schmidt

Daniel L. Schmidt, PLS
schmidt@sathre.com

Minnesota License No. 26147

SATHRE-BERGQUIST, INC.
14000 25TH AVENUE NORTH, SUITE 120
PLYMOUTH MN 55447 (952) 476-6000
WWW.SATHRE.COM

TWP:117-RGE-23-SEC.06
Hennepin County

**ORONO,
MINNESOTA**

CERTIFICATE OF SURVEY
GRADING ASBUILT
PREPARED FOR:
SWANSON HOMES

FILE NO.
88035-068

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City of Orono

Hardcover Calculation Worksheet

Property Address: 455 North Arm Road

Prepared By: Sathre-Bergquist inc.

Date: 8/5/2022

SB Job Number: 88035-068

Prepared By: TS

Stormwater Quality Overlay District Tier: (Circle One) **Tier 1** Tier 2 Tier 3 Tier 4 Tier 5

Step 1: PROPOSED HARDCOVER

In the following table, identify all items of proposed hardcover on the property, keyed by letter to Certificate of Survey (survey must accompany this form). Include all existing hardcover items that are intended to remain, as well as all proposed hardcover items that will be added. Use as many lines as necessary to accurately depict proposed hardcover status of the property. For Tier 1 properties, identify any features by letter which are split at the 75' setback line and calculate hardcover square footage separately for each portion.

Key to Survey	Hardcover Item (Describe)	Length x Width	Total (Square Feet)	
(Example)	(Garage)	(24' x 30')	(720 S.F.)	
A	House	Misc.	2970	S.F.
B	Driveway	Misc.	2139	S.F.
C	Sidewalk	Misc.	199	S.F.
D	Stoop	Misc.	71	S.F.
E	Deck with Stairs	(11.7'x25.3') Deck	325	S.F.
F	Garage	(45.0'x25.0')	1431	S.F.
G	Concrete Area		571	S.F.
H	Retwall Area		136	S.F.
I				S.F.
J				S.F.
K				S.F.
L				S.F.
M				S.F.
N				S.F.
O				S.F.
P				S.F.
Q				S.F.
R				S.F.
S				S.F.
T				S.F.
U				S.F.
V				S.F.
X				S.F.
Y				S.F.
Z			0	S.F.
(1) Total Proposed Hardcover				S.F.
Excludable Hardcover (See City Code Sec 78-1684):			7,842	S.F.
				S.F.
				S.F.
				S.F.
				S.F.
(2) Total Excludable Hardcover				S.F.
(3) Net Proposed Hardcover [Subtract line (2) from line (1)]			0	S.F.
(4) Total Lot Area			7,842	S.F.
cover Percentage [(3)+(4)]			123,930	S.F.
			6.33%	%

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