

S0°04'10"W 121.00

N89°55'50"W

130.00 of access eas 12094017

PARCEL

CITY OF ORONO

PARCEL

93.50
LINE PARALLEL WITH THE SOUTH LINE OF LOT 95

CITY

EAST LINE OF LOT 102

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A SHEA OF FLOOD ZONE A

FOR: MATTHEW HEMSLEY

SURVEY

PROPERTY ADDRESS: 649 Ferndale Road, Orono, Minnesota.

DESCRIPTION:

LEGAL

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CONCRETE AREAS STEPS, SLABS, WALKS LOTS 102 AND 95

BITUMINOUS AREAS LOT 102 AND 95 = 4,925 LOT 95 EXCEPTION = 8

TOTAL BITUMINOUS AREA

TOTAL BUILDING AREA

TOTAL HARDCOVER AREAS = 9,326 SQ.

FT. OR 7.4 PERCENT

DCOVER AREAS DO NOT INCLUDE BRICK PAVERS OR DECK ON AUXILIARY DING. NO HARDCOVER SURFACES IN NORTH BEACH ROAD RIGHT—OF—WAY JUDED IN SAID TOTALS.

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APPROXIMATE LIMITS OF FLOOD ZONE A AS SCALED PER FEMA MAPS

OF WAYZATA

BUILDING AREAS MAIN = 3,950 AUXILIARY = 823 GARAGE = 401 PORCH = 77

EXISTING HARDCOVER

Par 1: All of Lot 95, Auditor's Subdivision no. 184, Hennepin County, Minnesota except that part or parcel of said Lot 95 described as follows: Beginning at a point on the Easterly line of said Lot 95, distance 83.5 feet Northerly of the Southeast corner of said Lot 95; thence West parallel with the South line of said Lot 95, a distance of 93.5 feet; thence North parallel with the West line of said Lot 95 a distance of 150 feet; thence East parallel with the South line of said Lot 95 a distance of 40 feet to the Easterly line thereof; thence Southeasterly along said Easterly line to the point of beginning.

r 2: That part of Lot 102 lying Northerly of a line drawn from the Northwest corner of said Lot a point on the East line of said lot distant 350 feet South of the Northeast corner of said lot Auditor's Subdivision No. 184, Hennepin County.

Par 3: Lot 94 Auditor's Subdivision No. 184, Hennepin County, Minn.

Par 4: All that part of Lot 95, Auditor's Subdivision No. 184, Hennepin County described as follows: Beginning at a point on the Easterly line of said Lot 95, distance 83.5 feet Northerly of the Southeast corner of said Lot 95; thence West parallel with the South line of said Lot 95, a distance of 93.5 feet; thence North parallel with the West line of said Lot 95 a distance of 150 feet; thence East parallel with the South line of said Lot 95 a distance of 40 feet to the Easterly line thereof; thence Southeasterly along said Easterly line to the point of beginning.

Per Certificate of Title No. 1438376.

CERTIFICATION:

I hereby certify that this is a true and correct representation of a described and of the location of all buildings, if any, thereon, and land. survey of the boundaries of the land above all visible encroachments, if any, from or on said

Dated: I March 21, 2017 I: April 11, 2017 to include preliminary wetland location

Anderson Engineering of Minnesota, LLC

Jack Bolke Minnesota License No. 20281

The horizontal datum and bearings are based on the Hennepin County Coordinate System.

NOTES:

The vertical datum is NAVD88. The site benchmark is the top nut of hydrant located 150 feet southwest of the southwest corner of Lot 94. Elevation = 934.24 feet.

The area of the property described hereon is 125,805 square feet or 2.8880

The location and extent of underground utilities, if shown, are based upon above ground evidence. There is no guarantee as to the accuracy or the completeness of this information. The size and location should be considered approximate. Additional underground utilities may be present. Verification of the existence and location of all utilities should be obtained from the utility owners prior to any planning or design. In accordance with Minnesota Statute, the location of utilities shall be confirmed prior to any demolition or construction.

No title work was provided for the preparation of this survey to verify the legal description or the existence easements or encumbrances. Easements depicted hereon per Certificate of Title No. 1438376. of any

Parcels 1 and 2 are in the the city of Orono, according to the City the subject property is zoned LR-1A, Lakeshore Residential District and has the building setback requirements listed below. It is recommended that the property owner obtain a zoning letter from the City to verify all conditions that affect the property through the city zoning ordinance. This survey does not purport to describe all conditions contained in said ordinance.

Front = 50 feet Side = 30 feet Side = 50(Street) Rear = 50 feet

Parcels 3 and 4 are in the the city of Wayzata, according to the City the subject property is zoned R-1A, I Density single Family Estate District and has the building setback requirements listed below. It is recommend that the property owner obtain a zoning letter from the City to verify all conditions that affect the property through the city zoning ordinance. This survey does not purport to describe all conditions contained in said ordinance.

Front = 50 feet Side = 10 feet Rear = 10 feet Accessory Structure: Side = 10 Rear = none Structure adjacent to a shoreline used exclusively for the storage of watercraft:

Front = 45 feet Side = 20 feet Rear = 50 feet

Principal Structure:

According to Federal Emergency Management Agency (FEMA) maps of Hennepin County, the property described hereon lies in flood zones A, 1% chance annual chance flood (100 year flood) with no base elevation, and zone X, 0.2% annual chance flood per community panel map No. 27053C0308F, dated November 4, 2016. Approximate areas of the flood zones are shown on the survey. The ordinary high water level for Lake Minnetonka is 929.1 ft., the 100 year flood elevation is 931.1 ft.

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HYDRANT ELEVATION = 934.24 FEET

FERNDALE ROAD

N85°52'00"W

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RIM=933.7 INV.=926.37

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N0°04'10"E

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EDGE OF WATER LOCATED MARCH 17 2017, ELEVATION

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40.23 =N8'38'30"E-

SCALE IN

ANDERSON ENGINEERING

Anderson Engineering of Minnesota, LLC 13605 1st Avenue North Suite 100 Plymouth, MN 55441 763-412-4000 (o) 763-412-4090 (f) www.ae-mn.com SHEET 1 OF 2 SHEETS