

MAPLE SHORES

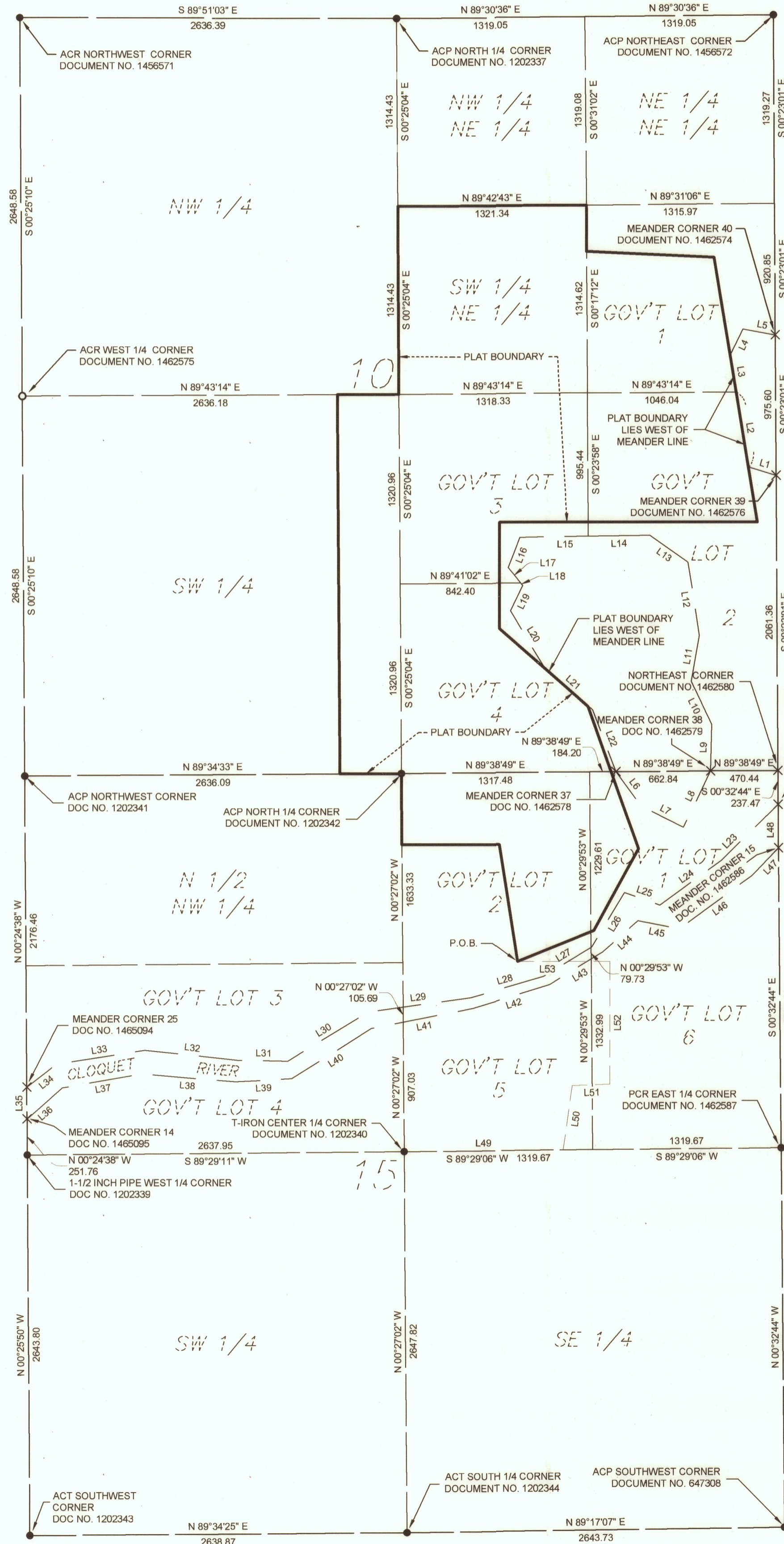
LOCATED IN PARTS OF THE EAST HALF OF THE SOUTHWEST QUARTER,
THE SOUTHWEST QUARTER OF THE NORTHEAST QUARTER,
GOVERNMENT LOTS 1, 2, 3, AND 4, SECTION 10, AND GOVERNMENT LOTS 1 AND 2, SECTION 15,
ALL IN TOWNSHIP 52 NORTH, RANGE 15 WEST OF THE 4TH PRINCIPAL MERIDIAN, SAINT LOUIS COUNTY, MINNESOTA

ORIENTATION OF THIS BEARING SYSTEM IS BASED ON THE SLC1M96 COORDINATE SYSTEM, NAD83 (1996 ADJ) WITH THE SOUTH LINE OF THE SW 1/4 OF SECTION 10 MEASURED TO BEAR N 89°34'33" E



SECTION BREAKDOWN

SECTIONS 10 AND 15, T52N, R15W
1 INCH = 600 FEET



MEANDER LINE DATA		
SEGMENT	LENGTH	DIRECTION
L1	198.32	N 73°24'07" W
L2	526.26	N 09°24'07" W
L3	267.02	N 09°24'07" W
L4	198.32	N 25°35'53" E
L5	231.37	S 79°24'07" E
L6	298.48	S 36°13'47" E
L7	331.64	S 63°13'47" E
L8	437.76	N 25°46'13" E
L9	325.26	N 01°11'05" E
L10	331.77	N 25°48'55" W
L11	325.26	N 10°11'05" E
L12	520.42	N 08°48'55" W
L13	325.26	N 54°48'55" W
L14	432.70	S 89°11'05" W
L15	478.04	S 89°11'05" W
L16	227.69	S 21°11'05" W
L17	138.86	S 38°48'55" E
L18	23.78	S 38°48'55" E
L19	195.16	S 26°11'05" W
L20	455.37	S 30°48'55" E
L21	455.37	S 48°48'55" E
L22	461.88	S 20°48'55" E
L23	555.23	S 45°14'36" W
L24	534.25	S 54°02'30" W
L25	263.83	N 70°57'30" W
L26	441.91	S 31°02'30" W
L27	395.74	S 59°02'30" W
L28	527.65	S 74°02'30" W
L29	725.52	S 82°02'30" W
L30	659.56	S 58°32'30" W
L31	342.97	N 88°57'30" W
L32	659.56	N 83°57'30" W
L33	626.59	S 81°02'30" W
L34	263.83	S 52°02'30" W
L35	221.96	N 00°24'38" W
L36	329.91	N 48°48'01" E
L37	560.85	N 79°48'01" E
L38	659.82	S 85°11'59" E
L39	395.89	N 86°48'01" E
L40	659.82	N 57°48'01" E
L41	725.81	N 78°48'01" E
L42	560.85	N 72°48'01" E
L43	428.88	N 58°48'01" E
L44	329.91	N 48°48'01" E
L45	296.92	S 79°11'59" E
L46	626.83	N 53°48'01" E
L47	270.53	N 43°48'01" E
L48	305.42	S 00°32'44" E

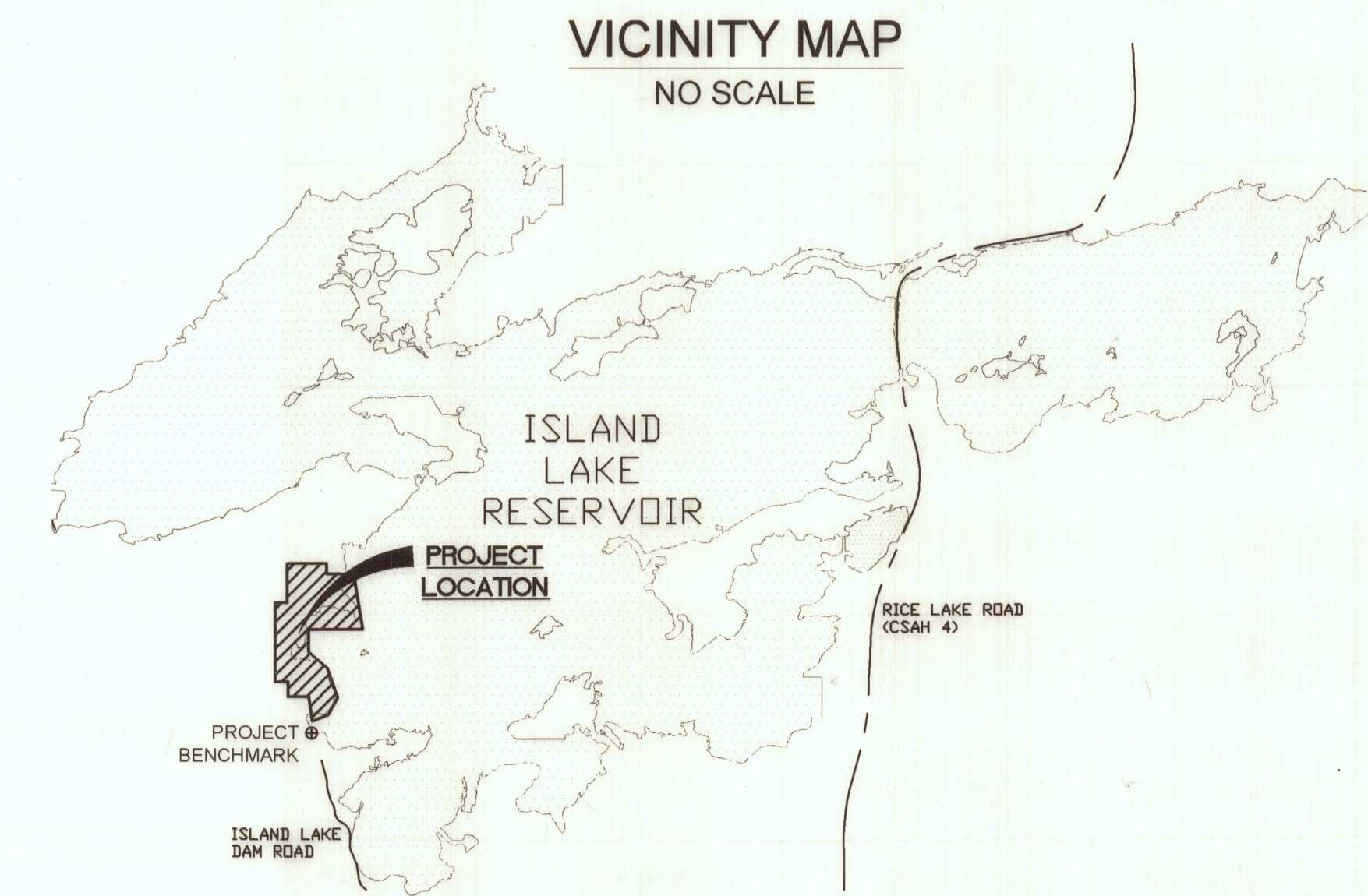
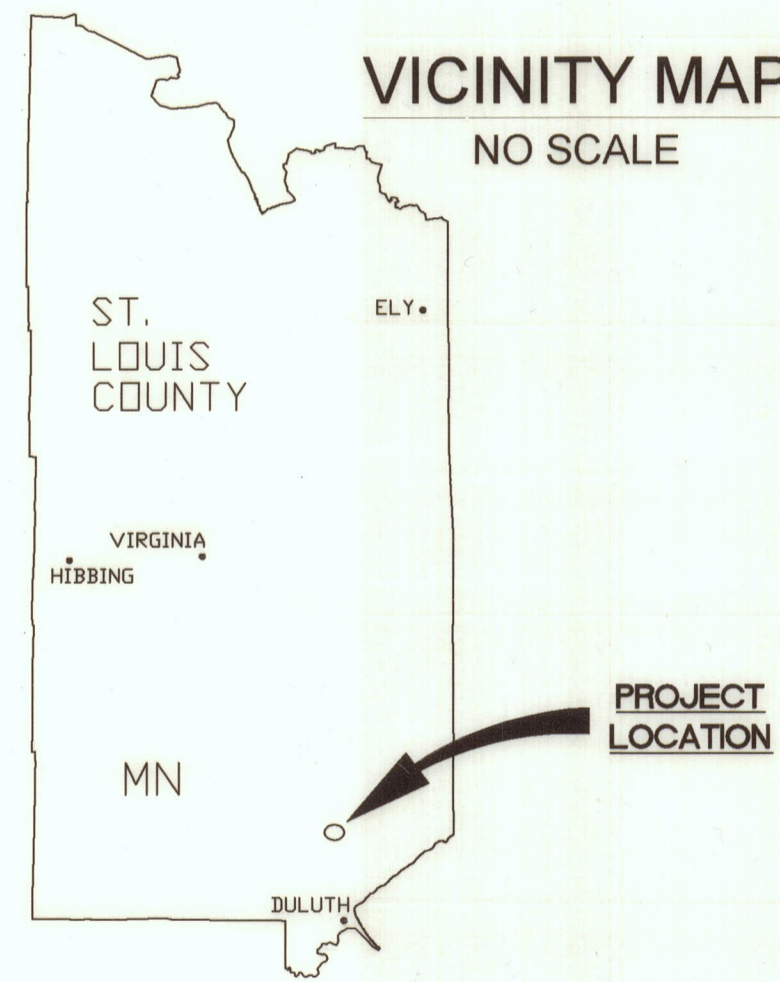
PARCEL LINE DATA		
SEGMENT	LENGTH	DIRECTION
L49	1113.61	N 89°29'06" E
L50	454.71	N 07°59'30" E
L51	263.09	N 87°47'44" E
L52	858.65	N 00°00'00" E
L53	646.10	N 90°00'00" W

KNOW ALL PERSONS BY THESE PRESENTS: That ALLETE, INC., a Minnesota corporation, being the owner of the following described property located in Fredenberg Township, Saint Louis County, Minnesota, to wit:

All those parts of:
Government Lot 1, Section 10, AND
Government Lot 2, Section 10, AND
Government Lot 3, Section 10, AND
Government Lot 4, Section 10, AND
Southwest Quarter of the Northeast Quarter (SW 1/4 of NE 1/4), Section 10, AND
Southwest Quarter (SW 1/4), Section 10, AND
Government Lot 1, Section 15, AND
Government Lot 2, Section 15,
Lying within the following described figure:

Commencing at the southwest corner of Government Lot 5, said Section 15; thence North 89 degrees 29 minutes 06 seconds East, along the south line of said Government Lot 5, a distance of 1113.61 feet; thence North 07 degrees 59 minutes 30 seconds East a distance of 454.71 feet; thence North 87 degrees 47 minutes 44 seconds East a distance of 263.09 feet; thence North 00 degrees 00 minutes 00 seconds East a distance of 858.65 feet; thence North 90 degrees 00 minutes 00 seconds West a distance of 646.10 feet to the POINT OF BEGINNING; thence North 08 degrees 52 minutes 55 seconds West a distance of 826.82 feet; thence North 90 degrees 00 minutes 00 seconds West a distance of 682.79 feet to the west line of said Government Lot 2 of Section 15; thence North 00 degrees 02 seconds West, along said west line, a distance of 500.00 feet to the southeast corner of said SW 1/4 of Section 10; thence South 89 degrees 34 minutes 33 seconds West, along the south line of said SW 1/4, a distance of 430.00 feet to the west line of the East 430.00 feet of the said SW 1/4; thence North 00 degrees 25 minutes 04 seconds West, along the said west line of the East 430.00 feet, a distance of 2643.01 feet to the north line of said SW 1/4; thence North 89 degrees 43 minutes 14 seconds East, along said north line, a distance of 430.00 feet to the southwest corner of said SW 1/4 of the NE 1/4 of Section 10; thence North 00 degrees 25 minutes 04 seconds West, along the west line of said SW 1/4 of NE 1/4, a distance of 1314.43 feet to the northwest corner of said SW 1/4 of the NE 1/4; thence North 89 degrees 42 minutes 43 seconds East, along the north line of the said SW 1/4 of the NE 1/4, a distance of 1321.34 feet to the northeast corner of said SW 1/4 of the NE 1/4; thence South 00 degrees 17 minutes 12 seconds East, along the east line of said SW 1/4 of the NE 1/4, a distance of 324.40 feet; thence South 87 degrees 18 minutes 54 seconds East a distance of 891.70 feet; thence South 09 degrees 24 minutes 07 seconds East a distance of 1871.56 feet; thence North 90 degrees 00 minutes 00 seconds West a distance of 1803.86 feet; thence South 00 degrees 00 minutes 00 seconds West a distance of 745.19 feet; thence South 48 degrees 48 minutes 55 seconds East a distance of 822.63 feet; thence South 19 degrees 36 minutes 03 seconds East a distance of 1054.73 feet; thence South 28 degrees 37 minutes 50 seconds West a distance of 652.24 feet; thence South 88 degrees 05 minutes 43 seconds West a distance of 574.18 feet to the Point of Beginning and there terminating;

All in Township 52 North, Range 15 West, Fourth Principal Meridian, Saint Louis County, Minnesota, according to the US Government survey thereof.



Has caused the same to be surveyed and platted as MAPLE SHORES and does hereby dedicate to the public, for public use, the public way(s), as created by this plat.

In witness whereof, said ALLETE, INC., a Minnesota corporation, has caused these presents to be signed by its proper officers on this 26th day of July, 2023.

Signed: ALLETE, INC.
Margaret A. Thickers
Margaret A. Thickers
Vice President, Chief Legal Officer and Corporate Secretary of ALLETE, INC.,
a Minnesota corporation

STATE OF MINNESOTA
COUNTY OF SAINT LOUIS

This Instrument was acknowledged before me on this 26th day of July, 2023, A.D. by Margaret A. Thickers, Vice President, Chief Legal Officer and Corporate Secretary of ALLETE, INC., a Minnesota corporation.

Brooks S. Cooper
Brooks S. Cooper, Notary Public
St. Louis County, Minnesota
My Commission Expires 1-31-28

LAND SURVEYOR

I, Chris A. Larsen do hereby certify that this plat was prepared by me or under my direct supervision; that I am a duly Licensed Land Surveyor in the State of Minnesota, that this plat is a correct representation of the boundary survey; that all mathematical data and labels are correctly designated on this plat; that all monuments depicted on this plat have been, or will be correctly set within one year; that all water boundaries and wet lands, as defined in Minnesota Statutes, Section 505.021, as of the date of this certificate are shown and labeled on this plat; and all public ways are shown and labeled on this plat.

Dated this 21st day of July, 2023

Chris A. Larsen
Chris A. Larsen, Professional Land Surveyor
Minnesota License No. 45848

STATE OF MINNESOTA
COUNTY OF SAINT LOUIS

This Instrument was acknowledged before me on this 21st day of July, 2023, A.D. by Chris A. Larsen, Minnesota License Number 45848.

Michele Hayes
Michele Hayes, Notary Public
St. Louis County, Minnesota
My Commission Expires 01-31-2025

SAINT LOUIS COUNTY SURVEYOR

I hereby certify that in accordance with Minnesota Statutes, Section 505.021, Subd. 11, this plat has been reviewed and approved on this 24th day of July, 2023.

Nick C. Stewart
County Surveyor
Nick C. Stewart
Deputy

SAINT LOUIS COUNTY BOARD OF COMMISSIONERS

Approved by the Board of Commissioners of Saint Louis County, Minnesota, on this 8th day of Aug, 2023.
Phil Olson
Chairperson
Phil Olson
Attest

SAINT LOUIS COUNTY AUDITOR

Pursuant to Minnesota Statutes, Section 505.021, Subd. 9, and to Minnesota Statutes, Section 272.12, taxes payable in the year 2023 on the land hereinbefore described have been paid; there are no delinquent taxes and transfer entered this 2nd day of August, 2023.

Nancy Nilsen
County Auditor
Nancy Nilsen
Deputy

SAINT LOUIS COUNTY RECORDER

I hereby certify that this plat of MAPLE SHORES as filed in this office of the Recorder for public record on this 8th day of August, 2023, at 1:18 o'clock P. M., as Document No. 01471551.

Wendy Levitt
County Recorder
Wendy Levitt
Deputy

MAPLE SHORES

LOCATED IN PARTS OF THE EAST HALF OF THE SOUTHWEST QUARTER,
 THE SOUTHWEST QUARTER OF THE NORTHEAST QUARTER,
 GOVERNMENT LOTS 1, 2, 3, AND 4, SECTION 10, AND GOVERNMENT LOTS 1 AND 2, SECTION 15,
 ALL IN TOWNSHIP 52 NORTH, RANGE 15 WEST OF THE 4TH PRINCIPAL MERIDIAN, SAINT LOUIS COUNTY, MINNESOTA

TYPICAL LOT DETAIL

(NOT TO SCALE)

NOTES

- The purpose of the Typical Lot Detail is to graphically depict the defined relationship between the "Full Pool Level" and the "Project Boundary." Atypical Project Boundary conditions are so noted and/or depicted on the plat.
- Definitions:
 - Full Pool Level - The water elevation at maximum reservoir storage capacity.
 - Project Boundary - Limits of the Federal Energy Regulatory Commission (FERC) regulated area. The project boundary coincides with a Lot, Block, and Outlot boundary within the plat. (See note 5).
 - Waterline - The intersection of the contiguous reservoir water surface and the upland. (See note 6).
- The Full Pool Level is defined as 1370.00 feet (NGVD 29), or 1370.39 (NAVD 88). Although the Full Pool Level is fixed in the vertical dimension, the horizontal location may change through time due to the action of the natural forces of accretion and reliction.
- Isolated areas, non-contiguous with the main body of the reservoir, lying within a Lot, and falling below the Full Pool Level are not within the Project Boundary.
- The Project Boundary is a line parallel with and 3.00 feet upland, horizontal measure, of the Full Pool Level as depicted upon the plat. The Project Boundary is the boundary between each Lot and Outlot A. Since the horizontal location of the Full Pool Level may change through time due to the action of the natural forces of accretion and reliction, so may the location of the Project Boundary.
- The elevation and horizontal location of the "Waterline" (not depicted) is transient, variable, and generally at or below and lakeward of the Full Pool Level.
- The public has neither been granted, nor has it accrued, rights to the underlying bed of the reservoir, excepting the rights of the State of Minnesota in the portions of the underlying bed of the reservoir, if any, that constituted navigable waters of the United States at the time of statehood.

LEGEND

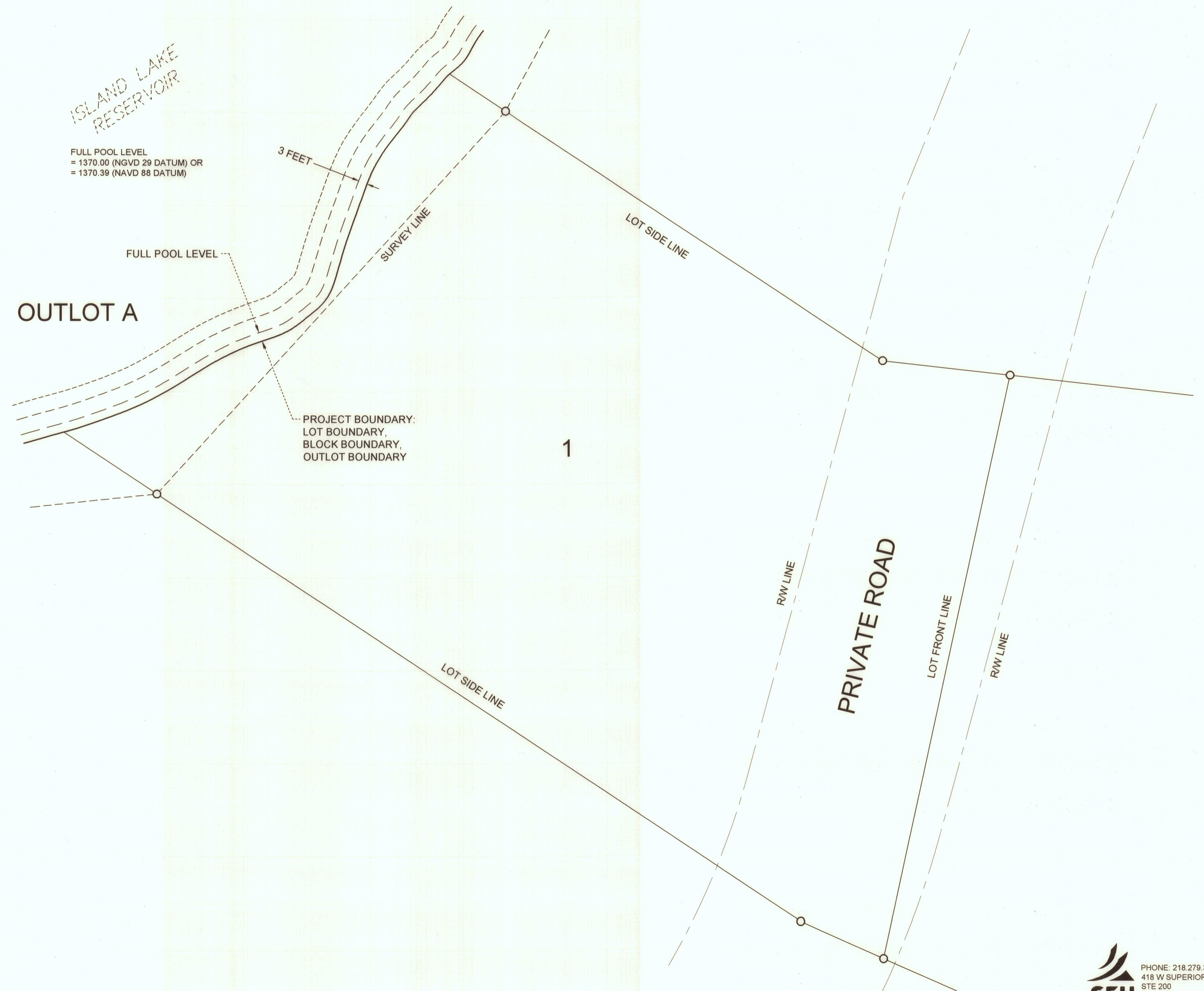
LOT LINE	—————
PROJECT BOUNDARY / BLOCK LINE	=====
PLAT BOUNDARY	—————
RIGHT OF WAY	- - - - -
PRIVATE ROAD EASEMENT	—————
FULL POOL LEVEL	- - - - -
SECTION LINE	—————
SECTION SUBDIVISION LINE	—————
SURVEY LINE	- - - - -
CURVE RADIAL LINE	—————
FOUND MONUMENT	●
SET 5/8" PCR - PLS 45848	○
CALCULATED POINT	×
MEASURED	(M)
DEED	(D)
WET LAND	WET

THE PROJECT BENCHMARK (ALUMINUM CAPPED MONUMENT IN SLEEVE) IS LOCATED SOUTHERLY OF ISLAND LAKE DAM, WITHIN GOVERNMENT LOT 5, SECTION 15, TOWNSHIP 52 NORTH, RANGE 15 WEST, AND IS DEPICTED ON THE LOCATION MAP.
 NORTHING: 3417361.87
 EASTING: 4813396.93
 ELEVATION: 1377.33 (GEOID 12A)

THE SURFACE ELEVATION OF ISLAND LAKE RESERVOIR WAS FOUND TO BE 1370.10 (NAVD 88) ON MAY 19, 2022.

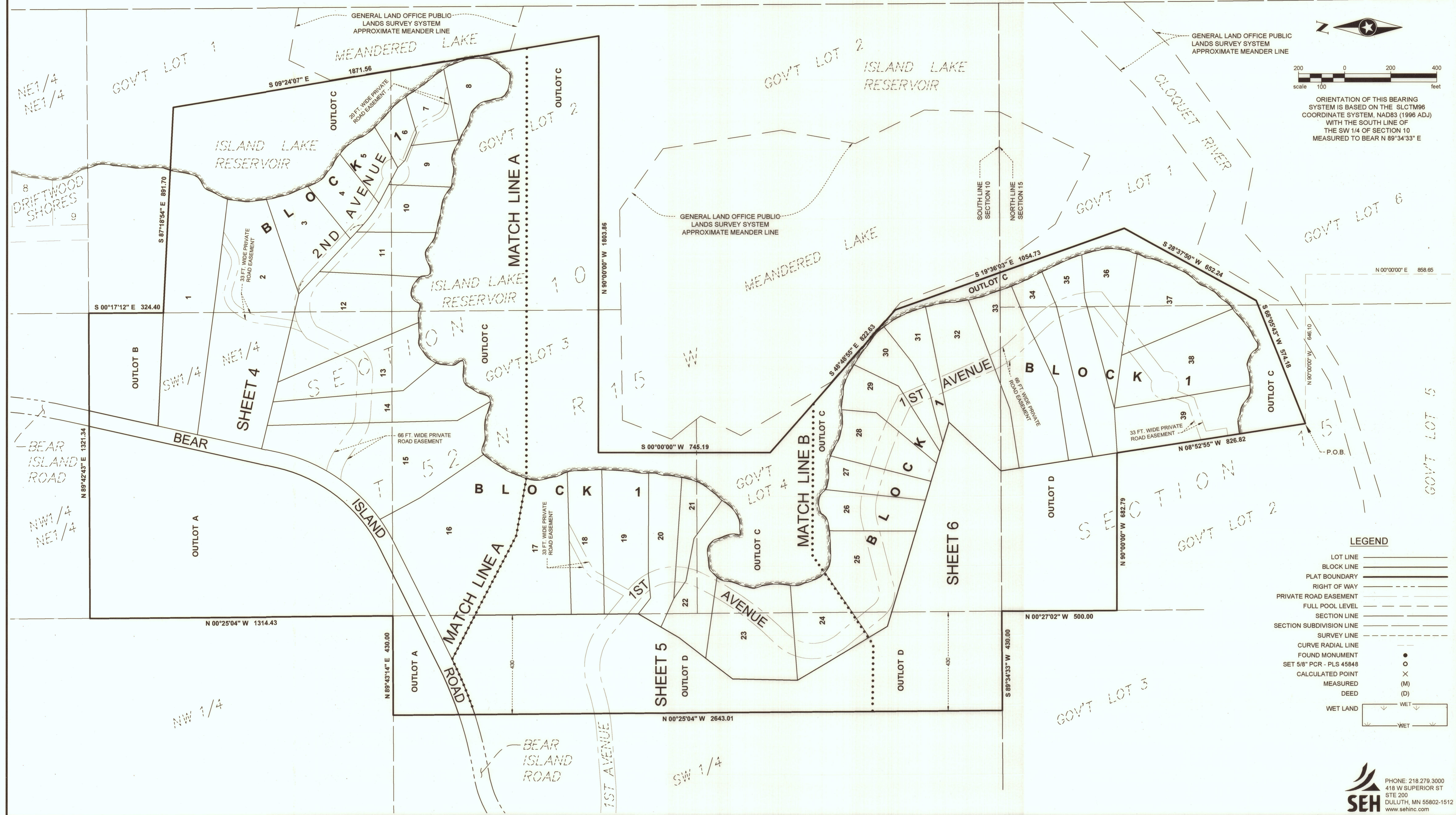
THE ORDINARY HIGH WATER LEVEL (OHWL) IS
 = 1369.81 (NGVD 29 DATUM) OR
 = 1370.20 (NAVD 88 DATUM)

THE HIGHEST RECORDED SURFACE ELEVATION IS 1369.14 (DATUM NOT PROVIDED) REPORTED ON OCTOBER 2, 1979 (SOURCE: MINNESOTA DEPARTMENT OF NATURAL RESOURCES)



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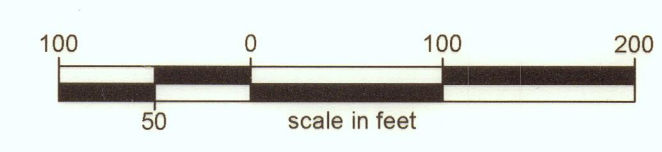
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LEGEND

- LOT LINE
- BLOCK LINE
- PLAT BOUNDARY
- RIGHT OF WAY
- PRIVATE ROAD EASEMENT
- FULL POOL LEVEL
- SECTION LINE
- SECTION SUBDIVISION LINE
- SURVEY LINE
- CURVE RADIAL LINE
- FOUND MONUMENT
- SET 5/8" PCR - PLS 45848
- CALCULATED POINT
- MEASURED
- DEED
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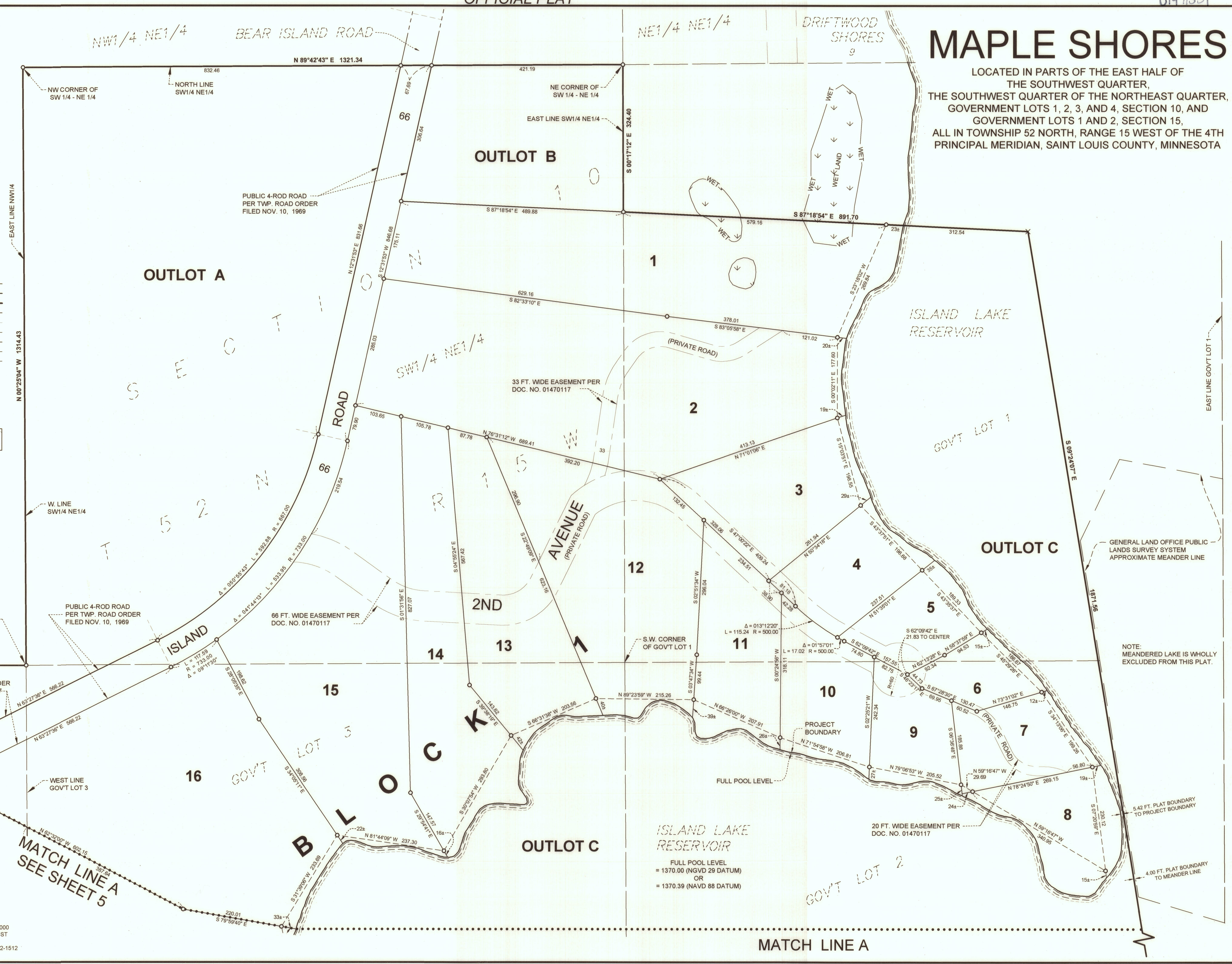
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LEGEND

- LOT LINE
- BLOCK LINE
- PLAT BOUNDARY
- RIGHT OF WAY
- PRIVATE ROAD EASEMENT
- FULL POOL LEVEL
- SECTION LINE
- SECTION SUBDIVISION LINE
- SURVEY LINE
- CURVE RADIAL LINE
- FOUND MONUMENT
- SET 5/8" PCR - PLS 45848
- CALCULATED POINT
- MEASURED
- DEED
- WET LAND



MATCH LINE A
SEE SHEET 5

MATCH LINE A
SEE SHEET 5

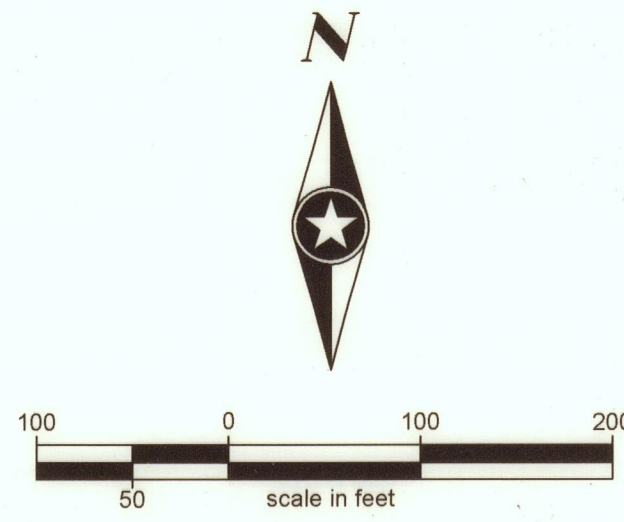
SEH
PHONE: 218.279.3000
418 W SUPERIOR ST
STE 200
DULUTH, MN 55802-1512
www.sehinc.com

ISLAND LAKE RESERVOIR
FULL POOL LEVEL
= 1370.00 (NGVD 29 DATUM)
OR
= 1370.39 (NAVD 88 DATUM)

MATCH LINE A

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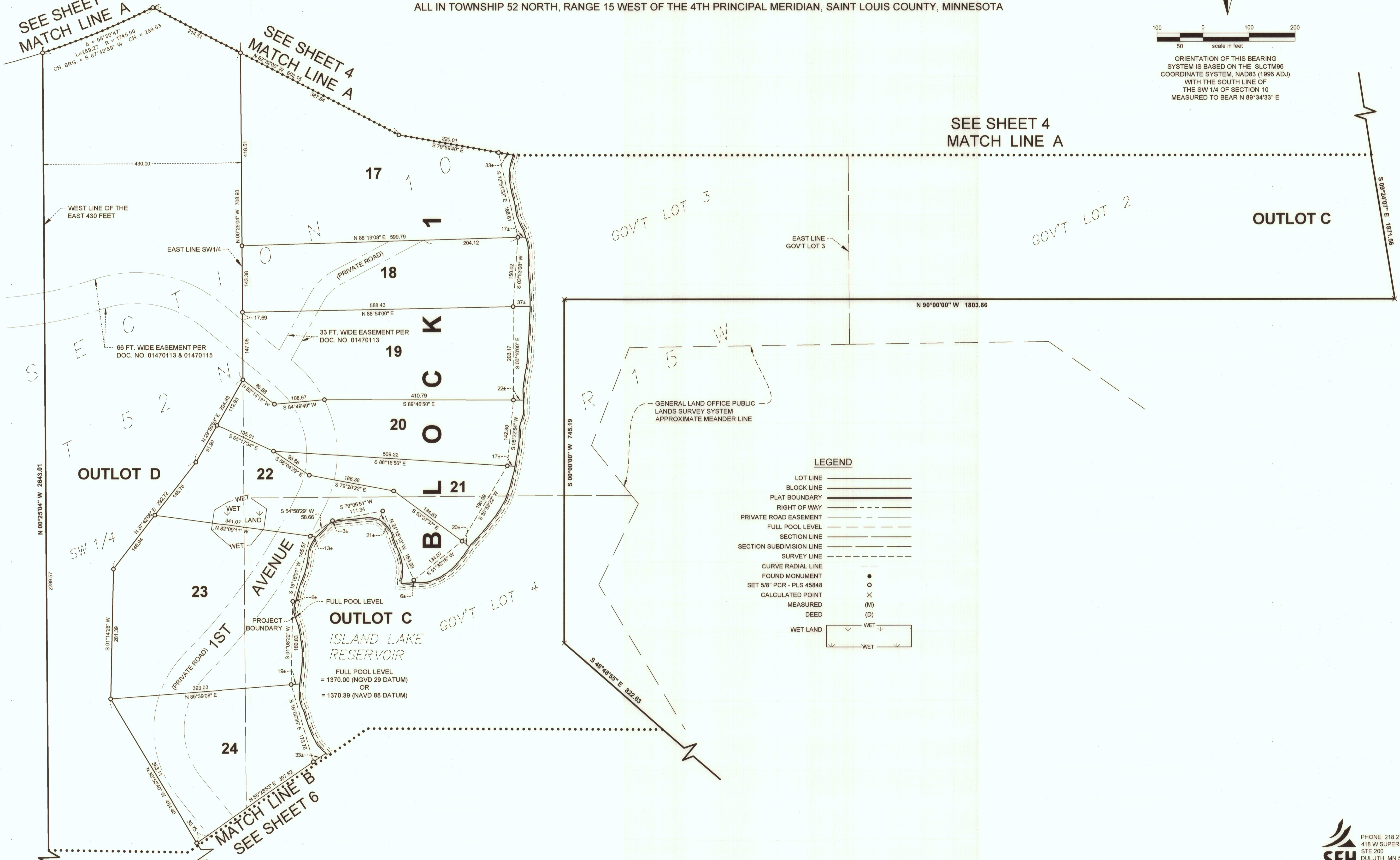
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SEE SHEET 4
MATCH LINE A

SEE SHEET 4
MATCH LINE A

SEE SHEET 4
MATCH LINE A

MATCH LINE B
SEE SHEET 6



LEGEND

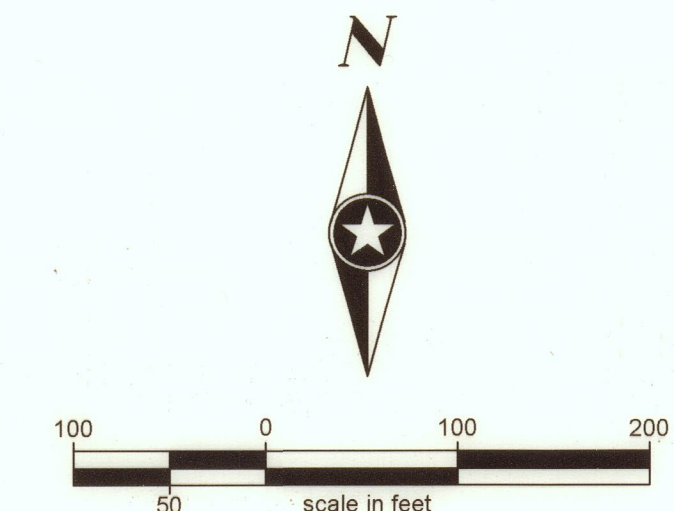
- LOT LINE
- BLOCK LINE
- PLAT BOUNDARY
- RIGHT OF WAY
- PRIVATE ROAD EASEMENT
- FULL POOL LEVEL
- SECTION LINE
- SECTION SUBDIVISION LINE
- SURVEY LINE
- CURVE RADIAL LINE
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- DEED
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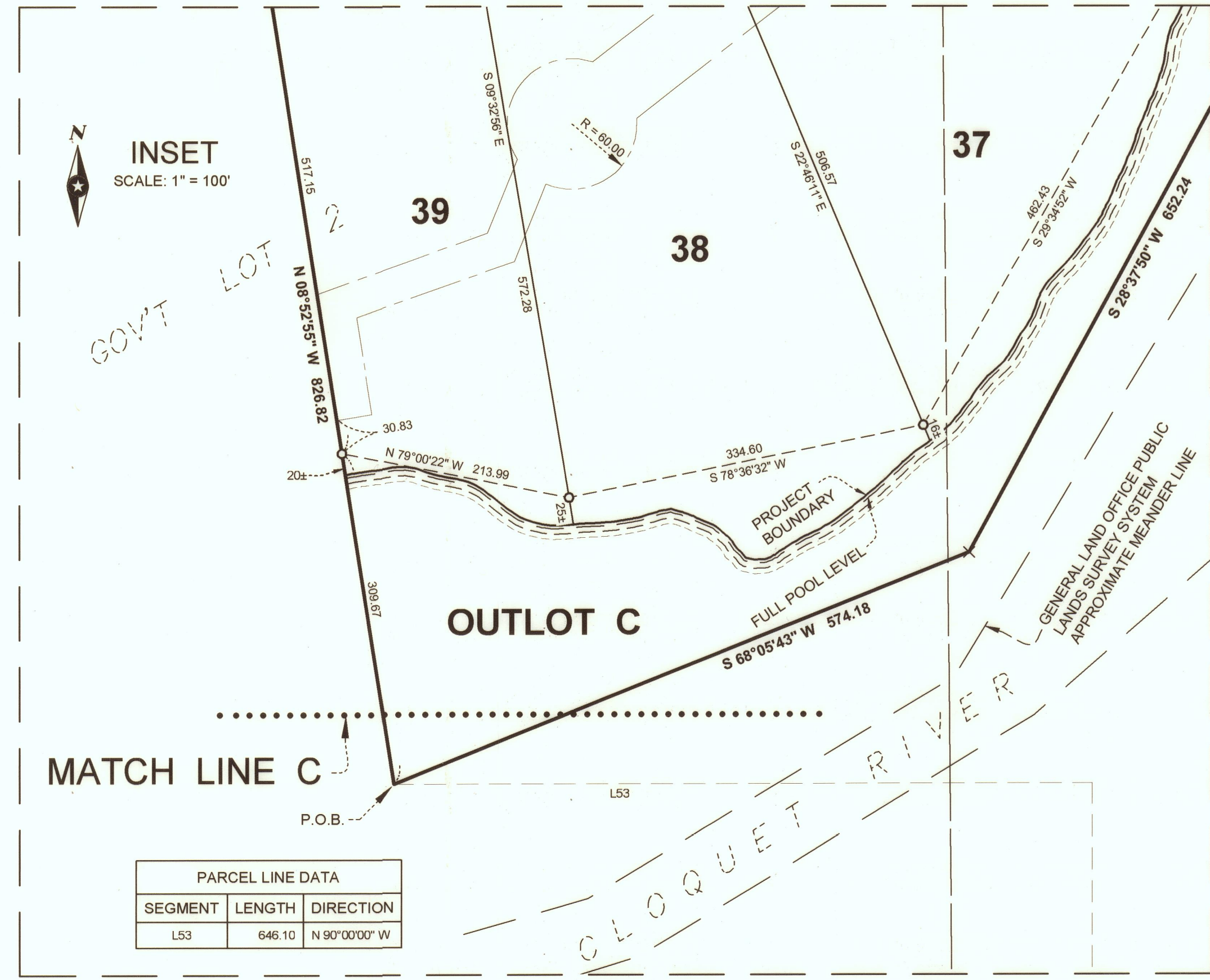
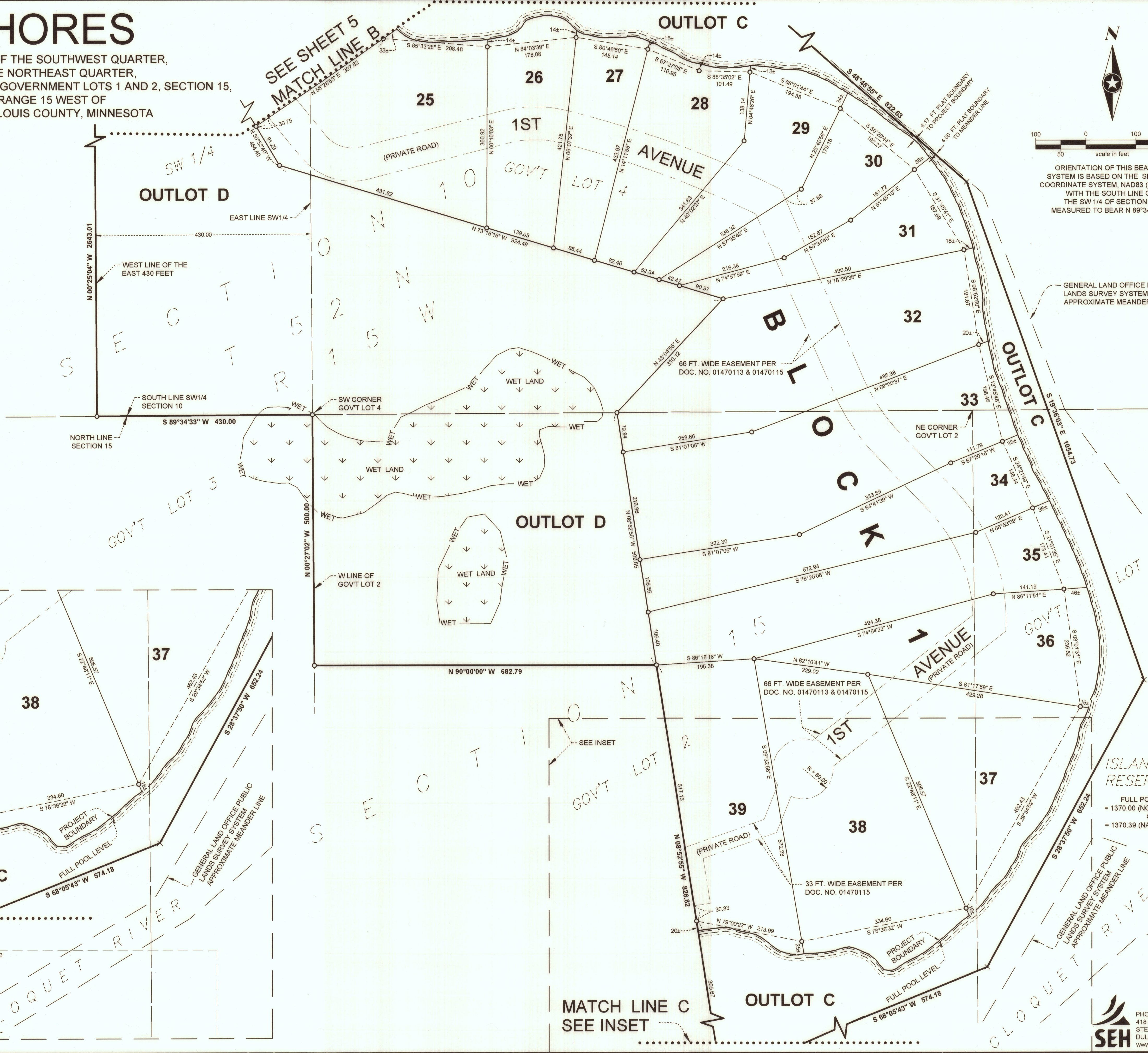
LEGEND

LOT LINE	—————
BLOCK LINE	—————
PLAT BOUNDARY	—————
RIGHT OF WAY	—————
PRIVATE ROAD EASEMENT	—————
FULL POOL LEVEL	—————
SECTION LINE	—————
SECTION SUBDIVISION LINE	—————
SURVEY LINE	—————
CURVE RADIAL LINE	—————
FOUND MONUMENT	●
SET 5/8" PCR - PLS 45848	○
CALCULATED POINT	X
MEASURED	(M)
DEED	(D)
WET LAND	WET



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GENERAL LAND OFFICE PUBLIC LANDS SURVEY SYSTEM APPROXIMATE MEANDER LINE



PARCEL LINE DATA

SEGMENT	LENGTH	DIRECTION
L53	646.10	N 90°00'00" W

ISLAND LAKE RESERVOIR
FULL POOL LEVEL = 1370.00 (NGVD 29 DATUM)
OR = 1370.39 (NAVD 88 DATUM)

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