	North Zone NAD8:	3, 1996 Adj, U.S. feet			ORNER C	, meters
		Description	Point	Northing	Easting	Description
240104.8			Number 1	5227233.154	376351.301	Calc Position
240126.7				5227239.799	376352.529	Found Iron, RLS 21367
240373.8				5227314.601	376383.717	Found Iron, RLS 21367
241028.1 241027.4				5227513.343 5227512.888	376426.872 376442.923	Found Iron, RLS 21367 Found Iron, RLS 21367
		<b>SLE</b>				
Line Segme	Bearing	Distance			[	÷, ÷/÷
L1	S89°16'04"E	52.70				
L2	N09°34'20"E	22.18			13	
L3 L4	S89°00'47"E S89°00'47"E	21.72 29.00			• •	
<b>L</b>		·			• 	Point 4 L1 Point 5 GTGTGTGT
<u> </u>	CURVE -				•	/// ~
ve Delta		Length Chord	Chord		• •	, <b>( ○ → )</b>
nent Deita L Δ=09°28		Bearing   931.32 N14°18'42"E	Distance 930.26		•	
2 Δ=06°58	'41" 5,579.65	679.53 N15°43'55"E	679.11		: ~	
Δ=04°15   Δ=01°01		287.75 N20°48'34"E 100.76 N10°05'06"E	287.68 100.76		•	
		······································			•	
			EASEMENT LOCATION MOST SOUTHEI DRNER OF OUTLO	OWNER OWNER OF MININESON OWNER OF MININESON OWNER OF MININESON OF THE OWNER OF MININESON OF THE OWNER OWNE	Point 3	Waters Edge Dr NV



HEARTLAND STATE TRAIL **DNR File Number: TRA00718** DNR Requisition Number: 2285, Acquisition Number 129940 A part of SECTION 20, TOWNSHIP 143 NORTH, RANGE 31 WEST, CASS COUNTY, MINNESOTA

#### CONTACT

Minnesota Department of Natural Resources c/o Daniel Drusch, Land Survey Unit 2508 Hannah Ave. NW Bemidji, MN 56601

#### **SURVEYOR**

Northern Engineering & Consulting, Inc. P.O. Box 292 Walker, MN 56484 ATTN: Terry L. Freeman

# LEGAL DESCRIPTION

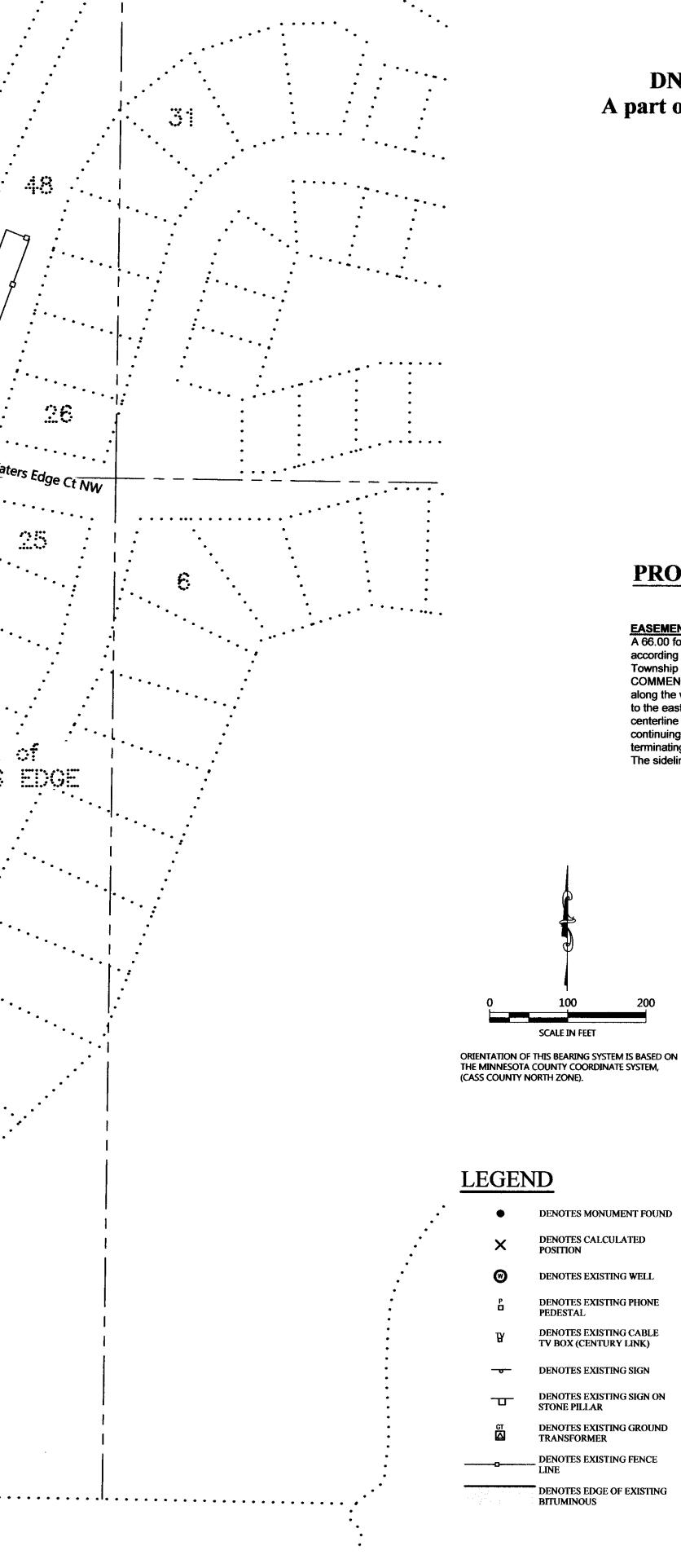
Outlot A, WATERS EDGE, according to the recorded plat thereof, Cass County, Minnesota.

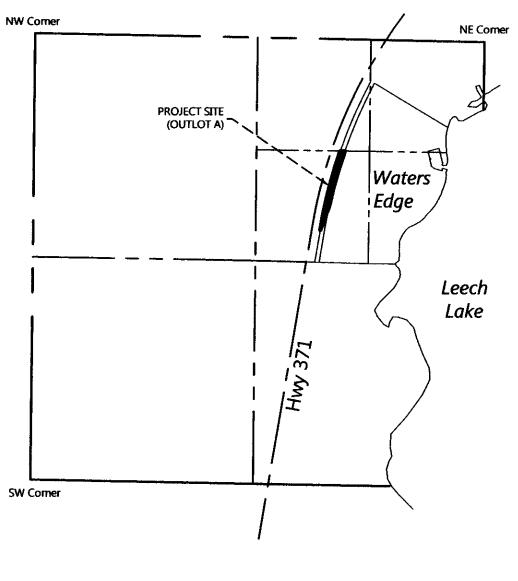
## **PROPOSED DESCRIPTION:**

#### EASEMENT

A 66.00 foot wide easement for ingress, egress, and utility purposes over, under, and across that part of Outlot A, WATERS EDGE, according to the recorded plat thereof, Cass County, Minnesota, and that part of the Southwest Quarter of the Northeast Quarter, Section 20, Township 143 North, Range 31 West, said County and State, the centerline of said 66.00 foot wide easement is described as follows: COMMENCING at the most southerly corner of said Outlot A; thence North 09 degrees 34 minutes 20 seconds East, assigned bearing, along the westerly line of said Outlot A, 22.18 feet; thence northerly 100.76 feet, along said westerly line being a tangential curve, concave to the east, having a radius of 5629.65 feet, and central angle of 01 degrees 01 minutes 32 seconds to the point of beginning of the centerline to be herein described; thence South 89 degrees 00 minutes 47 seconds East 21.72 feet to the easterly line of said Outlot A and continuing South 89 degrees 00 minutes 47 seconds East 29.00 feet to the westerly line of Lot 48, Block 1, said plat and said centerline there terminating.

The sidelines of said 66.00 foot wide easement shall be prolonged or shortened to terminate on said westerly lines of Outlot A and Lot 48.





VICINITY MAP (NO SCALE) Section 20, T143N, R31W



Cass County North Zone NAD83, 1996 Adj, U.S. feet				PROPERTY CORNER COORDINATES			
				UTM Zone 15E, 1996 Adj, meters			
Point Number	Northing	Easting	Description	Point Number	Northing	Easting	Description
1	240104.897	396687.436	Calc Position	1	5227233.154	376351.301	Calc Position
2	240126.766	396691.124	Found Iron, RLS 21367	2	5227239.799	376352.529	Found Iron, RLS 21367
3	240373.810	396789.638	Found Iron, RLS 21367	3	5227314.601	376383.717	Found Iron, RLS 21367
4	241028.158	396921.080	Found Iron, RLS 21367	4	5227513.343	376426.872	Found Iron, RLS 21367
5	241027.485	396973.770	Found Iron, RLS 21367	5	5227512.888	376442.923	Found Iron, RLS 21367

LINE TABLE			
Line Segment	Bearing	Distance	
L1	S89°16'04"E	52.70	
L2	N09°34'20"E	22.18	
L3	S89°00'47"E	21.72	
L4	S89°00'47"E	29.00	

CURVE TABLE					
Curve Segment	Delta	Radius	Length	Chord Bearing	Chord Distance
C1	Δ=09°28'43"	5,629.65	931.32	N14°18'42"E	930.26
C2	Δ=06°58'41"	5,579.65	679.53	N15°43'55"E	679.11
C3	∆=04°15'37"	3,869.83	287.75	N20°48'34"E	287.68
C4	Δ=01°01'32"	5,629.65	100.76	N10°05'06"E	100.76

SWI/4-NE



Waters Edge Ct NW

Plat of

WESTERLY LINE OF LOT 48, BLOCK 1

MOST SOUTHERLY CORNER OF OUTLOT A

EASEMENT LOCATION

1

No.

. . . . . . . .

# **CERTIFICATE OF SURVEY**

**HEARTLAND STATE TRAIL DNR File Number: TRA00718** DNR Requisition Number: 2285, Acquisition Number 129940 A part of SECTION 20, TOWNSHIP 143 NORTH, RANGE 31 WEST, CASS COUNTY, MINNESOTA

#### CONTACT

Minnesota Department of Natural Resources c/o Daniel Drusch, Land Survey Unit 2508 Hannah Ave. NW Bemidji, MN 56601

#### **SURVEYOR**

Northern Engineering & Consulting, Inc. P.O. Box 292 Walker, MN 56484 ATTN: Terry L. Freeman

#### LEGAL DESCRIPTION

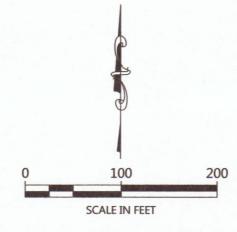
Outlot A, WATERS EDGE, according to the recorded plat thereof, Cass County, Minnesota.

### **PROPOSED DESCRIPTION:**

#### EASEMENT

A 66.00 foot wide easement for ingress, egress, and utility purposes over, under, and across that part of Outlot A, WATERS EDGE, according to the recorded plat thereof, Cass County, Minnesota, and that part of the Southwest Quarter of the Northeast Quarter, Section 20, according to the recorded plat thereof, Cass County, Minnesota, and that part of the Southwest Quarter of the Northeast Quarter, Section 20, Township 143 North, Range 31 West, said County and State, the centerline of said 66.00 foot wide easement is described as follows: COMMENCING at the most southerly corner of said Outlot A; thence North 09 degrees 34 minutes 20 seconds East, assigned bearing, along the westerly line of said Outlot A, 22.18 feet; thence northerly 100.76 feet, along said westerly line being a tangential curve, concave to the east, having a radius of 5629.65 feet, and central angle of 01 degrees 01 minutes 32 seconds to the point of beginning of the centerline to be herein described; thence South 89 degrees 00 minutes 47 seconds East 21.72 feet to the easterly line of said Outlot A and continuing South 89 degrees 00 minutes 47 seconds East 29.00 feet to the westerly line of Lot 48, Block 1, said plat and said centerline there terminating terminating.

The sidelines of said 66.00 foot wide easement shall be prolonged or shortened to terminate on said westerly lines of Outlot A and Lot 48.



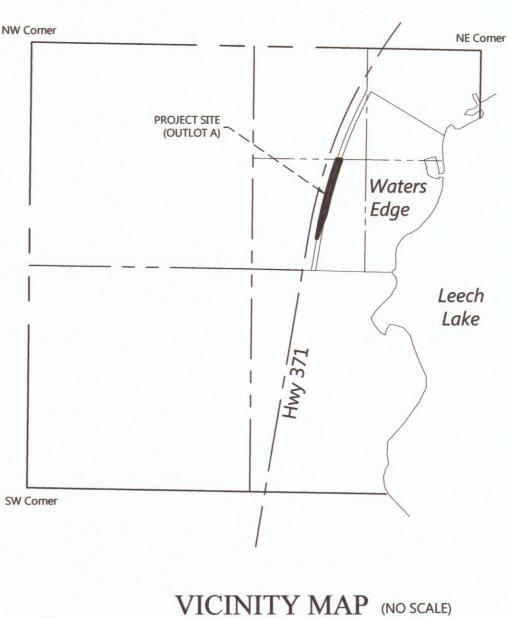
ORIENTATION OF THIS BEARING SYSTEM IS BASED ON THE MINNESOTA COUNTY COORDINATE SYSTEM, (CASS COUNTY NORTH ZONE).

NW Corner

#### LEGEND

. . . . .

٠	DENOTES MONUMENT FOUND
×	DENOTES CALCULATED POSITION
	DENOTES EXISTING WELL
P	DENOTES EXISTING PHONE PEDESTAL
В	DENOTES EXISTING CABLE TV BOX (CENTURY LINK)
-0-	DENOTES EXISTING SIGN
-0-	DENOTES EXISTING SIGN ON STONE PILLAR
GT	DENOTES EXISTING GROUND TRANSFORMER
	_ DENOTES EXISTING FENCE LINE
	DENOTES EDGE OF EXISTING BITUMINOUS



Section 20, T143N, R31W

