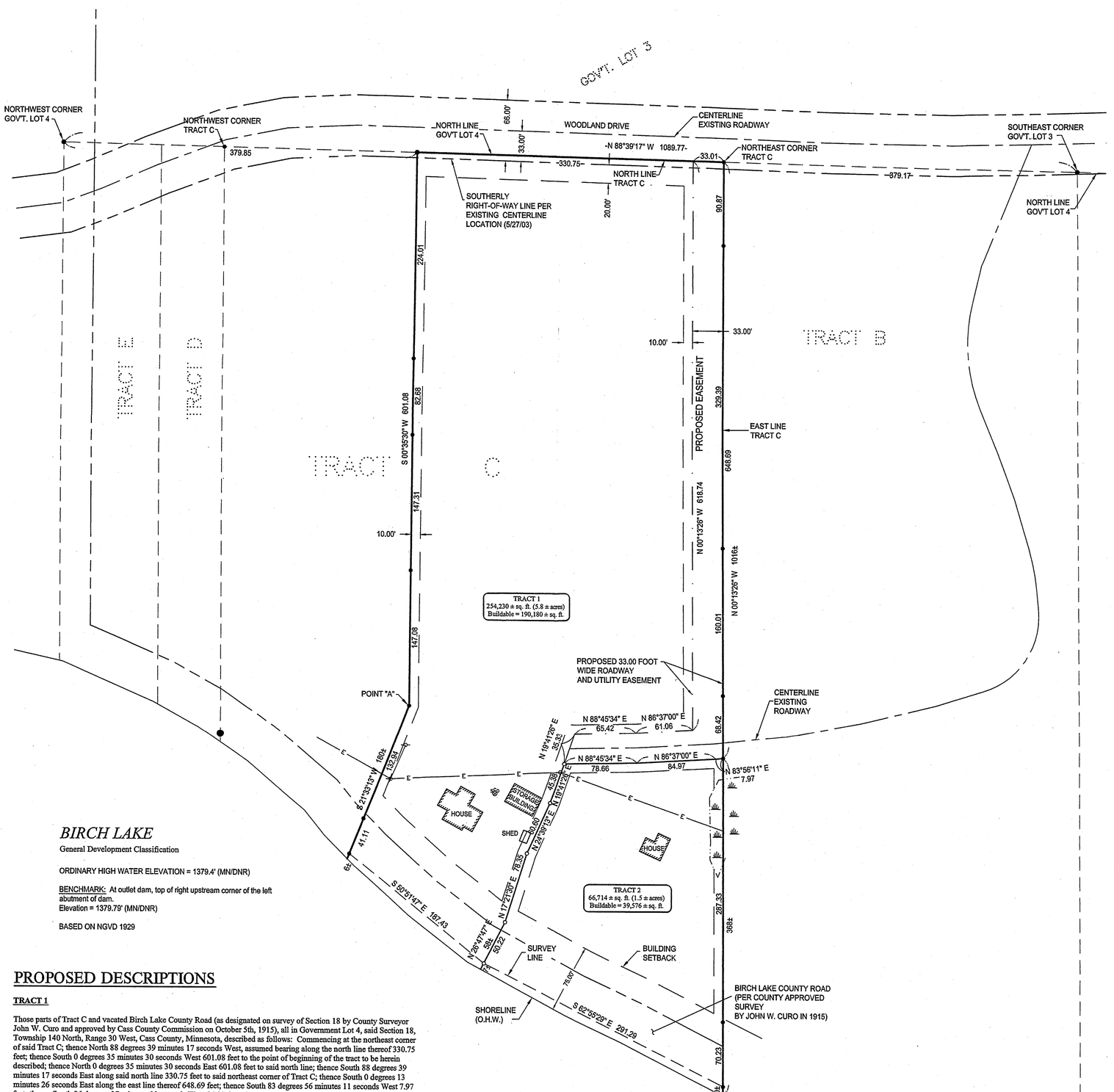
CERTIFICATE OF SURVEY

PART OF GOVERNMENT LOT 4,
SECTION 18, TOWNSHIP 140 NORTH, RANGE 30 WEST,
CASS COUNTY, MINNESOTA



BIRCH LAKE
General Development Classification

ORDINARY HIGH WATER ELEVATION = 1379.4' (MN/DNR)

BENCHMARK: At outlet dam, top of right upstream corner of the left abutment of dam.
Elevation = 1379.79' (MN/DNR)

BASED ON NGVD 1929

PROPOSED DESCRIPTIONS

TRACT 1

Those parts of Tract C and vacated Birch Lake County Road (as designated on survey of Section 18 by County Surveyor John W. Curo and approved by Cass County Commission on October 5th, 1915), all in Government Lot 4, said Section 18, Township 140 North, Range 30 West, Cass County, Minnesota, described as follows: Commencing at the northeast corner of said Tract C; thence North 88 degrees 39 minutes 17 seconds West, assumed bearing along the north line thereof 330.75 feet; thence South 0 degrees 35 minutes 30 seconds West 601.08 feet to the point of beginning of the tract to be herein described; thence North 0 degrees 35 minutes 30 seconds East 601.08 feet to said north line; thence South 88 degrees 39 minutes 17 seconds East along said north line 330.75 feet to said northeast corner of Tract C; thence South 0 degrees 13 minutes 26 seconds East along the east line thereof 648.69 feet; thence South 83 degrees 56 minutes 11 seconds West 7.97 feet; thence South 86 degrees 37 minutes 00 seconds West 84.97 feet; thence South 88 degrees 45 minutes 34 seconds West 78.66 feet; thence South 19 degrees 41 minutes 26 seconds West 45.38 feet; thence South 24 degrees 39 minutes 13 seconds West 60.60 feet; thence South 17 degrees 21 minutes 30 seconds West 78.35 feet; thence South 26 degrees 47 minutes 47 seconds West 58 feet, more or less, to the shoreline of Birch Lake; thence northwesterly along said shoreline to the intersection with a line which bears South 21 degrees 33 minutes 13 seconds West from the point of beginning; thence North 21 degrees 33 minutes 13 seconds East 180 feet, more or less, to the point of beginning.

Subject to and together with (see Proposed Roadway Easement).

Subject to the right-of-way of Woodland Drive.

Subject to and together with easements, restrictions and reservations of record.

TRACT 2

Those parts of Tract C and vacated Birch Lake County Road (as designated on survey of Section 18 by County Surveyor John W. Curo and approved by Cass County Commission on October 5th, 1915), all in Government Lot 4, said Section 18, Township 140 North, Range 30 West, Cass County, Minnesota, described as follows: Commencing at the northeast corner of said Tract C, and assuming the north line thereof bears North 88 degrees 39 minutes 17 seconds West; thence South 0 degrees 13 minutes 26 seconds East along the east line of said Tract C a distance of 648.69 feet to the point of beginning of the tract to be herein described; thence South 83 degrees 56 minutes 11 seconds West 7.97 feet; thence South 86 degrees 37 minutes 00 seconds West 84.97 feet; thence South 88 degrees 45 minutes 34 seconds West 78.66 feet; thence South 19 degrees 41 minutes 26 seconds West 45.38 feet; thence South 24 degrees 39 minutes 13 seconds West 60.60 feet; thence South 17 degrees 21 minutes 30 seconds West 78.35 feet; thence South 26 degrees 47 minutes 47 seconds West 58 feet, more or less, to the shoreline of Birch Lake; thence southeasterly along said shoreline to the intersection with said east line of Tract C; thence North 0 degrees 13 minutes 26 seconds West along said east line 368 feet, more or less, to the point of beginning.

Together with (see Proposed Roadway Easement).

Subject to and together with easements, restrictions and reservations of record.

PROPOSED ROADWAY EASEMENT

An easement for ingress, egress and utility purposes 33.00 feet in width over, under and across that part of Tract C (as designated on survey of Section 18 by County Surveyor John W. Curo and approved by Cass County Commission on October 5th, 1915), Government Lot 4, said Section 18, Township 140 North, Range 30 West, Cass County, Minnesota, described as follows: Beginning at the northeast corner of said Tract C and assuming the north line thereof bears North 88 degrees 39 minutes 17 seconds West; thence South 0 degrees 13 minutes 26 seconds East along the east line thereof 648.69 feet; thence South 83 degrees 56 minutes 11 seconds West 7.97 feet; thence South 86 degrees 37 minutes 00 seconds West 84.97 feet; thence South 88 degrees 45 minutes 34 seconds West 78.66 feet; thence North 19 degrees 41 minutes 26 seconds East 35.33 feet; thence North 88 degrees 45 minutes 34 seconds East 65.42 feet; thence North 87 degrees 36 minutes 00 seconds East 61.06 feet to the west line of the East 33.00 feet of said Tract C; thence North 0 degrees 13 minutes 26 seconds West along said west line 618.74 feet to said north line of Tract C; thence South 88 degrees 39 minutes 17 seconds East along said north line 33.01 feet to the point of beginning.

DESCRIPTION PROVIDED

Those parts of Tract C and vacated Birch Lake County Road, Government Lot 4, Section 18, Township 140 North, Range 30 West, Cass County, Minnesota, described as follows: Beginning at the Northeast corner of said Tract C; thence North 88 degrees 39 minutes 17 seconds West, assumed bearing along the North line thereof 330.75 feet; thence South 0 degrees 35 minutes 30 seconds West 601.08 feet; thence South 21 degrees 33 minutes 13 seconds West 180 feet; more or less, to the shoreline of Birch Lake; thence southeasterly along said shoreline to the East line of said Tract C; thence North 0 degrees 13 minutes 26 seconds West along said East line 1016 feet, more or less, to the point of beginning.

Subject to easements, restrictions and reservations of record.

LEGEND

- ● DENOTES MONUMENT FOUND
- ○ DENOTES IRON MONUMENT SET MARKED BY LICENSE No. 44869
- DENOTES WET LAND(S)

ORIENTATION OF THIS BEARING SYSTEM IS BASED ON THE NORTH LINE OF GOVERNMENT LOT 4 TO HAVE AN ASSUMED BEARING OF N 88°39'17" W.

RECEIVED
3291
NOV 21 2006
GLS 18-140-30
CASS COUNTY SURVEYOR

N

60 0 60 120
SCALE IN FEET

SHEET 1 of 1	CERTIFICATE OF SURVEY	PROJ. MGR. TRJ	COMPUTER: C062228.dwg	DATE: 11/9/06	REVISIONS DATE / DESCRIPTION / BY	I HEREBY CERTIFY THAT THIS SURVEY, PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MINNESOTA.	Landecker & Associates, Inc. Engineering · Surveying · Planning Walker, MN 56484 Phone: 218-547-1296 Fax: 218-547-2272
	LEANNE CARLSON 1054 89TH AVENUE NE BLAINE, MN 55434	CHECKED BY: TRJ	FIELD BOOK: BOOK 271 PG. 13	SCALE: HORZ. 1"=60'		Terry L. Freeman, PLS #21367 DATE 11/9/06 LIC. NO. 21367	
		DRAWN BY: TRJ,DMS	FILE NO: 062228	VERT. NONE			

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