CERTIFICATE OF SURVEY

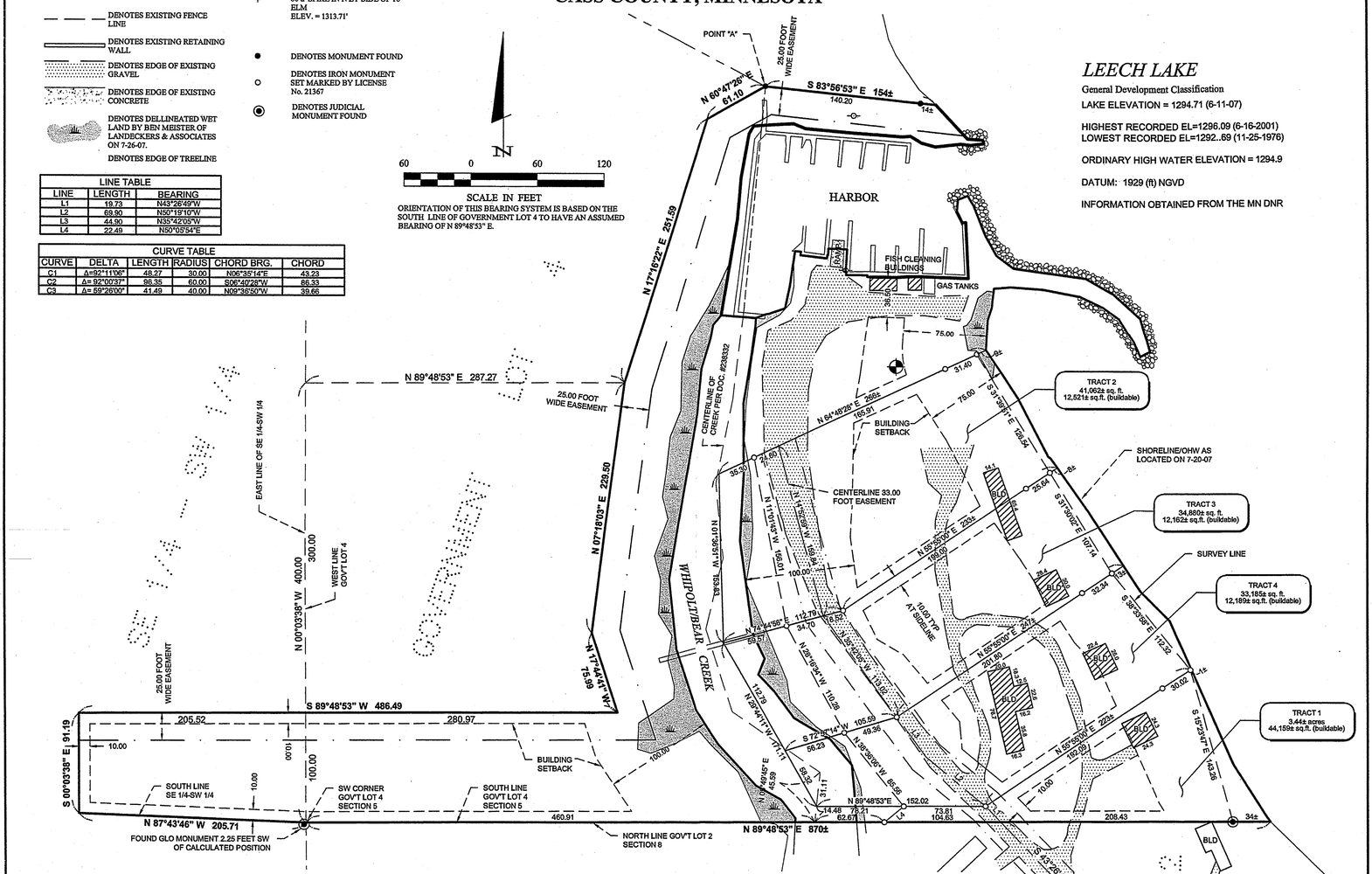
PART OF GOVERNMENT LOT 4, SECTION 5, TOWNSHIP 141 NORTH, RANGE 29 WEST, CASS COUNTY, MINNESOTA

LEGEND

- DENOTES EDGE OF EXISTING BITUMINOUS
- DENOTES EXISTING FENCE LINE
- DENOTES EXISTING RETAINING WALL
- DENOTES EDGE OF EXISTING GRAVEL
- DENOTES EDGE OF EXISTING CONCRETE
- DENOTES DELLINEATED WET LAND BY BEN MEISTER OF LANDECKERS & ASSOCIATES ON 7-26-07.
- DENOTES EDGE OF TREELINE
- **BENCHMARK:** 60 d SPIKE IN N'LY SIDE OF 16" ELM, ELEV. = 1313.71'
- DENOTES MONUMENT FOUND
- DENOTES IRON MONUMENT SET MARKED BY LICENSE No. 21367
- DENOTES JUDICIAL MONUMENT FOUND

LINE TABLE		
LINE	LENGTH	BEARING
L1	19.73	N43°26'45"W
L2	69.90	N50°18'10"W
L3	44.90	N35°42'05"W
L4	22.49	N50°05'54"E

CURVE TABLE					
CURVE	DELTA	LENGTH	RADIUS	CHORD BRG.	CHORD
C1	Δ=92°11'06"	48.27	30.00	N06°38'14"E	43.23
C2	Δ= 92°00'37"	96.36	60.00	S06°40'22"W	86.33
C3	Δ= 59°26'00"	41.49	40.00	N09°36'50"W	39.66



LEECH LAKE

General Development Classification

LAKE ELEVATION = 1294.71 (6-11-07)

HIGHEST RECORDED EL=1296.09 (6-16-2001)
LOWEST RECORDED EL=1292..69 (11-25-1976)

ORDINARY HIGH WATER ELEVATION = 1294.9

DATUM: 1929 (ft) NGVD

INFORMATION OBTAINED FROM THE MN DNR

LEGAL DESCRIPTIONS PROVIDED

Those parts of Government Lot 4 and the Southeast Quarter of the Southwest Quarter, all in Section 5, Township 141 North, Range 29 West, Cass County, Minnesota, described as follows: Commencing at the Southwest corner of said Government Lot 4 and assuming the south line thereof to bear North 89 degrees 48 minutes 53 seconds East; thence North 0 degrees 03 minutes 38 seconds West along the west line of said Government Lot 4 a distance of 100.00 feet to a point hereinafter referred to as point "A"; thence North 0 degrees 03 minutes 38 seconds West along said west line 300.00 feet; thence North 89 degrees 48 minutes 53 seconds East 287.27 feet; thence North 17 degrees 16 minutes 22 seconds East 251.59 feet to the point of beginning of the tract to be herein described; thence South 17 degrees 16 minutes 22 seconds West 251.59 feet; thence South 7 degrees 18 minutes 03 seconds West 229.50 feet; thence South 17 degrees 44 minutes 41 seconds East 76.00 feet to its intersection with a line bearing North 89 degrees 48 minutes 53 seconds East from said point "A"; thence South 89 degrees 48 minutes 53 seconds West passing through said point "A" 486.49 feet; thence South 0 degrees 03 minutes 38 seconds East 91.19 feet to the south line of said Southeast Quarter of the Southwest Quarter; thence South 87 degrees 43 minutes 46 seconds East along said south line 205.71 feet to said Southwest corner of Government Lot 4; thence North 89 degrees 48 minutes 53 seconds East along the south line of said Government Lot 4 a distance of 440.90 feet to an iron pipe monument; thence continue North 89 degrees 48 minutes 53 seconds East along said last described south line 20.01 feet to the center of a creek which runs through said Government Lot 4, as set forth in Document Number 238302, of record; thence North 5 degrees 49 minutes 45 seconds East along the center of said creek 45.59 feet; thence North 55 degrees 29 minutes 29 seconds West along the center of said creek 97.08 feet; thence North 17 degrees 44 minutes 40 seconds West along the center of said creek 78.75 feet; thence North 13 degrees 49 minutes 43 seconds East along the center of said creek 66.94 feet; thence North 5 degrees 52 minutes 38 seconds West along the center of said creek 68.36 feet; thence North 11 degrees 09 minutes 53 seconds East along the center of said creek 77.47 feet; thence North 7 degrees 02 minutes 16 seconds East along the center of said creek 81.62 feet; thence North 5 degrees 24 minutes 42 seconds East 164.91 feet to an iron pipe monument; thence continue North 5 degrees 24 minutes 42 seconds East 40.15 feet to the intersection with a line bearing North 60 degrees 47 minutes 26 seconds East from the point of beginning; thence South 60 degrees 47 minutes 26 seconds West 61.10 feet, more or less, to the point of beginning.

AND

That portion of the following lying east or south of the following described line: Commencing at the southwest corner of Government Lot 4, Section 5, Township 141 North, Range 29 West; thence north 89 degrees 48 minutes 53 seconds east 440.90 feet along the south line of said Government Lot 4 to an iron pipe monument; thence continue north 89 degrees 48 minutes 53 seconds east 20.01 feet along the south line of said Government Lot 4 to the center of the creek which runs through said Government Lot 4, the point of beginning of the line to be described; thence north 5 degrees 49 minutes 45 seconds east 45.59 feet along the center of said creek; thence north 55 degrees 29 minutes 29 seconds west 97.08 feet along the center of said creek; thence north 17 degrees 44 minutes 40 seconds west 78.75 feet along the center of said creek; thence north 13 degrees 49 minutes 43 seconds east 66.94 feet along the center of said creek; thence north 5 degrees 52 minutes 38 seconds west 68.36 feet along the center of said creek; thence north 11 degrees 09 minutes 53 seconds east 77.47 feet along the center of said creek; thence north 7 degrees 02 minutes 16 seconds east 81.62 feet along the center of said creek; thence north 5 degrees 24 minutes 42 seconds east 164.91 feet to an iron pipe monument; thence continue north 5 degrees 24 minutes 42 seconds east 40.15 feet to an iron pipe monument; thence south 83 degrees 56 minutes 53 seconds east 144.64 feet to an iron pipe monument; thence continue south 83 degrees 56 minutes 53 seconds east 7 feet, more or less, to the shore of Leech Lake and there ending.

PROPOSED LEGAL DESCRIPTIONS

TRACT 1

Those parts of Government Lot 4 and the Southeast Quarter of the Southwest Quarter, all in Section 5, Township 141 North, Range 29 West, Cass County, Minnesota, described as follows: Commencing at the southwest corner of said Government Lot 4 and assuming the south line thereof to bear North 89 degrees 48 minutes 53 seconds East; thence North 0 degrees 03 minutes 38 seconds West along the west line of said Government Lot 4 a distance of 400.00 feet; thence North 89 degrees 48 minutes 53 seconds East 287.27 feet; thence North 17 degrees 16 minutes 22 seconds East 251.59 feet; thence North 60 degrees 47 minutes 26 seconds East 61.10 feet to a point hereinafter referred to as Point "A"; And commencing at said southwest corner of Government Lot 4; thence North 89 degrees 48 minutes 53 seconds East along the south line thereof 460.91 feet; thence North 5 degrees 49 minutes 45 seconds East 14.48 feet; thence North 89 degrees 48 minutes 53 seconds East 152.02 feet to the point of beginning of the tract to be herein described; thence South 89 degrees 48 minutes 53 seconds West 152.02 feet; thence North 29 degrees 44 minutes 11 seconds West 171.11 feet; thence North 1 degree 36 minutes 51 seconds West 153.83 feet; thence North 64 degrees 48 minutes 28 seconds East 266 feet, more or less, to the shoreline of Leech Lake; thence northerly, easterly, westerly, and northwesterly along said shoreline of Leech Lake to the intersection with a line bearing South 83 degrees 56 minutes 53 seconds East from said Point "A"; thence North 83 degrees 56 minutes 53 seconds West 154 feet, more or less, to said Point "A"; thence South 60 degrees 47 minutes 26 seconds West 61.10 feet; thence South 17 degrees 16 minutes 22 seconds West 251.59 feet; thence South 7 degrees 18 minutes 03 seconds West 229.50 feet; thence South 17 degrees 44 minutes 41 seconds East 75.99 feet; thence South 89 degrees 48 minutes 53 seconds West 486.49 feet; thence South 0 degrees 03 minutes 38 seconds East 91.19 feet; thence South 87 degrees 43 minutes 46 seconds East 205.71 feet to said southwest corner of Government Lot 4; thence North 89 degrees 48 minutes 53 seconds East along said south line of Government Lot 4 a distance of 870 feet, more or less, to the shoreline of Leech Lake; thence northwesterly along said shoreline to the intersection with a line bearing North 55 degrees 55 minutes 00 seconds East from the point of beginning; thence South 55 degrees 55 minutes 00 seconds West 223 feet, more or less, to the point of beginning.

Subject to Whipholt/Bear Creek.

Subject to harbor in Leech Lake.

Subject to and together with (see 33 Foot Easement).

TRACT 2

That part of Government Lot 4, Section 5, Township 141 North, Range 29 West, Cass County, Minnesota, described as follows: Commencing at the southwest corner of said Government Lot 4; thence North 89 degrees 48 minutes 53 seconds East, assumed bearing, along the south line thereof 460.91 feet; thence North 5 degrees 49 minutes 45 seconds East 14.48 feet; thence North 29 degrees 44 minutes 11 seconds West 171.11 feet; thence North 1 degree 36 minutes 51 seconds West 153.83 feet to the point of beginning of the tract to be herein described; thence South 1 degree 36 minutes 51 seconds East 153.83 feet; thence North 74 degrees 44 minutes 56 seconds East 112.79 feet; thence North 55 degrees 55 minutes 00 seconds East 233 feet, more or less, to the shoreline of Leech Lake; thence northwesterly along said shoreline to the intersection with a line bearing North 64 degrees 48 minutes 28 seconds East from the point of beginning; thence South 64 degrees 48 minutes 28 seconds West 266 feet, more or less, to the point of beginning.

Subject to Whipholt/Bear Creek.

Subject to and together with (see 33 Foot Easement).

TRACT 3

That part of Government Lot 4, Section 5, Township 141 North, Range 29 West, Cass County, Minnesota, described as follows: Commencing at the southwest corner of said Government Lot 4; thence North 89 degrees 48 minutes 53 seconds East, assumed bearing, along the south line thereof 460.91 feet; thence North 5 degrees 49 minutes 45 seconds East 14.48 feet; thence North 29 degrees 44 minutes 11 seconds West 58.32 feet; thence North 72 degrees 57 minutes 14 seconds East 105.59 feet to the point of beginning of the tract to be herein described; thence South 72 degrees 57 minutes 14 seconds West 105.59 feet; thence North 29 degrees 44 minutes 11 seconds West 112.79 feet; thence North 74 degrees 44 minutes 56 seconds East 112.79 feet; thence North 55 degrees 55 minutes 00 seconds East 233 feet, more or less, to the shoreline of Leech Lake; thence southeasterly along said shoreline to the intersection with a line bearing North 55 degrees 55 minutes 00 seconds East from the point of beginning; thence South 55 degrees 55 minutes 00 seconds West 247 feet, more or less, to the point of beginning.

Subject to Whipholt/Bear Creek.

Subject to and together with (see 33 Foot Easement).

TRACT 4

That part of Government Lot 4, Section 5, Township 141 North, Range 29 West, Cass County, Minnesota, described as follows: Commencing at the southwest corner of said Government Lot 4; thence North 89 degrees 48 minutes 53 seconds East, assumed bearing, along the south line thereof 460.91 feet; thence North 5 degrees 49 minutes 45 seconds East 14.48 feet; thence North 89 degrees 48 minutes 53 seconds East 152.02 feet to the point of beginning of the tract to be herein described; thence South 89 degrees 48 minutes 53 seconds West 152.02 feet; thence North 29 degrees 44 minutes 11 seconds East 58.32 feet; thence North 72 degrees 57 minutes 14 seconds East 105.59 feet; thence North 55 degrees 55 minutes 00 seconds East 247 feet, more or less, to the shoreline of Leech Lake; thence southeasterly along said shoreline to the intersection with a line bearing North 55 degrees 55 minutes 00 seconds East from the point of beginning; thence South 55 degrees 55 minutes 00 seconds West 223 feet, more or less, to the point of beginning.

Subject to Whipholt/Bear Creek.

Subject to and together with (see 33 Foot Easement).

33 FOOT EASEMENT

An easement for ingress and egress, 33.00 feet in width over and across that part of Government Lot 4, Section 5, and that part of Government Lot 2, Section 8, all in Township 141 North, Range 29 West, Cass County, Minnesota, the centerline of which is described as follows: Commencing at the southwest corner of said Government Lot 4; thence North 89 degrees 48 minutes 53 seconds East, assumed bearing, along the south line thereof 628.21 feet; thence North 43 degrees 26 minutes 49 seconds West 19.73 feet; thence North 50 degrees 19 minutes 10 seconds West 69.90 feet; thence North 35 degrees 42 minutes 05 seconds West 157.92 feet; thence North 14 degrees 52 minutes 59 seconds West 159.84 feet to the point of beginning of the centerline to be herein described; thence South 14 degrees 52 minutes 59 seconds East 159.84 feet; thence South 35 degrees 42 minutes 05 seconds East 157.92 feet; thence South 50 degrees 19 minutes 10 seconds East 69.90 feet; thence South 43 degrees 26 minutes 49 seconds East 182.86 feet; thence South 39 degrees 30 minutes 19 seconds East 187.99 feet; thence southerly 48.27 feet along a tangential curve concave to the west, having a radius of 30.00 feet and a central angle of 92 degrees 11 minutes 06 seconds; thence South 52 degrees 40 minutes 47 seconds West, tangent to said curve 106.71 feet; thence southerly 96.35 feet along a tangential curve concave to the east, having a radius of 60.00 feet and a central angle of 92 degrees 00 minutes 37 seconds; thence South 39 degrees 19 minutes 50 seconds East, tangent to said curve 101.27 feet; thence southerly 41.49 feet along a tangential curve concave to the west, having a radius of 40.00 feet and a central angle of 59 degrees 26 minutes 00 seconds; thence South 20 degrees 06 minutes 10 seconds West, tangent to said curve 150.71 feet, more or less, to the centerline of T.H. No. 200 and said described centerline there terminating. The sidelines of said 33.00 foot wide easement shall be prolonged or shortened to terminate on lines that bear North 64 degrees 48 minutes 28 seconds East and South 64 degrees 48 minutes 28 seconds West from the point of beginning and the northerly right-of-way line of said T.H. No. 200.

RECEIVED
#3664
OCT - 4 2007
CLK 5-141-29
CASS COUNTY SURVEYOR

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SHEET	CERTIFICATE OF SURVEY	PROJECT MANAGER:	PROJECT No.:	DATE:
1 of 1	Roy Huddle 1696 Whipholt Beach Road NW Walker, MN 56484	TLF	072056	8-20-07
		CHECKED BY:	FILE NAME:	SCALE:
		TLF	C072056-1.dwg	HORZ. 1"=60'
		DRAWN BY:	FIELD BOOK:	
		DMS	BOOK 282 PG. 4	VERT. NONE

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.

Terry L. Freeman, PLS #21367

DATE 8/20/07 LIC. NO. 21367

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