

CERTIFICATE OF SURVEY

PART OF THE WEST HALF OF THE SOUTHWEST QUARTER, SECTION 32,
PART OF GOVERNMENT LOT 4, SECTION 31, ALL IN TOWNSHIP 139
NORTH, RANGE 30 WEST, CASS COUNTY, MINNESOTA

FOR: Mike Chapman
P.O. Box 152
Backus, MN. 56435

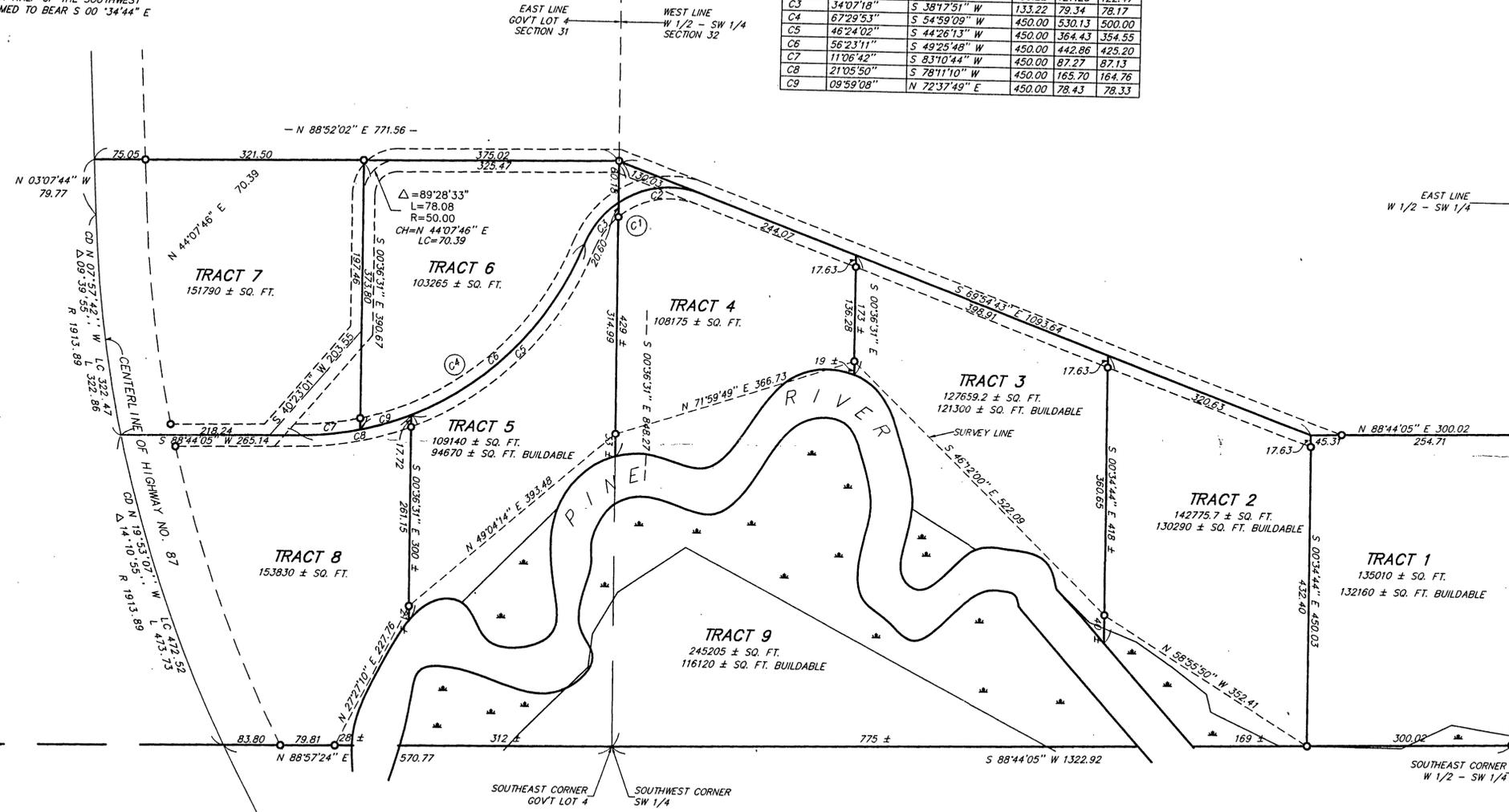
1"=100'



- DENOTES FOUND IRON MONUMENT
- DENOTES IRON MONUMENT SET MARKED BY REGISTRATION NO. 21367

ORIENTATION OF THIS BEARING SYSTEM IS BASED ON THE EAST LINE OF THE WEST HALF OF THE SOUTHWEST QUARTER AND IS ASSUMED TO BEAR S 00° 34' 44" E

NUMBER	DELTA	CD	R	L	LC
C1	88°51'05"	S 65°39'45" W	133.22	206.59	186.50
C2	54°43'47"	S 82°43'24" W	133.22	127.25	122.47
C3	34°07'18"	S 38°17'51" W	133.22	79.34	78.17
C4	67°29'53"	S 54°59'09" W	450.00	530.13	500.00
C5	46°24'02"	S 44°26'13" W	450.00	364.43	354.55
C6	56°23'11"	S 49°25'48" W	450.00	442.86	425.20
C7	11°06'42"	S 83°10'44" W	450.00	87.27	87.13
C8	21°05'50"	S 78°11'10" W	450.00	165.70	164.76
C9	09°59'08"	N 72°37'49" E	450.00	78.43	78.33



TRACT 1

That part of the West Half of the Southwest Quarter, Section 32, Township 139 North, Range 30 West, Cass County, Minnesota described as follows: Beginning at the Southeast corner of said West Half; thence North 00 degrees 34 minutes 44 seconds East assumed bearing along the east line of said West Half a distance of 450.03 feet; thence South 89 degrees 44 minutes 05 seconds West 300.02 feet; thence South 00 degrees 34 minutes 44 seconds East 450.03 feet to the south line of said Southwest Quarter; thence North 88 degrees 44 minutes 05 seconds East, along said south line, 300.02 feet to the point of beginning.

Subject to easements, restriction and reservations of record.

TRACT 2

That part of the West Half of the Southwest Quarter, Section 32, Township 139 North, Range 30 West, Cass County, Minnesota described as follows: Commencing at the Southeast corner of said West Half; thence North 00 degrees 34 minutes 44 seconds West assumed bearing along the east line of said West Half a distance of 450.03 feet; thence South 88 degrees 44 minutes 05 seconds West 300.02 feet; thence South 00 degrees 34 minutes 44 seconds East 450.03 feet to the south line of said West Half; the point of beginning of the tract to be herein described; thence North 00 degrees 34 minutes 44 seconds West 450.03 feet; thence North 69 degrees 54 minutes 43 seconds East 320.63 feet; thence South 00 degrees 34 minutes 44 seconds East 418 feet, more or less, to the northerly shoreline of Pine River; thence southeasterly along said shoreline to said south line; thence North 88 degrees 44 minutes 05 seconds East along said south line 169 feet, more or less, to the point of beginning.

Subject to easements, restrictions and reservations of record.

TRACT 3

That part of the West Half of the Southwest Quarter, Section 32, Township 139 North, Range 30 West, Cass County, Minnesota described as follows: Commencing at the Southeast corner of said West Half; thence North 00 degrees 34 minutes 44 seconds West assumed bearing along the east line of said West Half a distance of 450.03 feet; thence South 88 degrees 44 minutes 05 seconds West 300.02 feet; thence North 69 degrees 54 minutes 43 seconds East 320.63 feet to the point of beginning of the tract to be herein described; thence continuing North 69 degrees 54 minutes 43 seconds East 398.91 feet; thence South 00 degrees 36 minutes 31 seconds East 173 feet, more or less, to the northerly shoreline of Pine River; thence southeasterly, northeasterly and southeasterly along said shoreline to the intersection with a line bearing South 00 degrees 34 minutes 44 seconds East from the point of beginning; thence North 00 degrees 34 minutes 44 seconds West 418 feet, more or less, to the point of beginning.

Subject to easements, restrictions and reservations of record.

TRACT 4

That part of the West Half of the Southwest Quarter, Section 32, Township 139 North, Range 30 West, Cass County, Minnesota described as follows: Commencing at the Southeast corner of said West Half; thence North 00 degrees 34 minutes 44 seconds West assumed bearing along the east line of said West Half a distance of 450.03 feet; thence South 88 degrees 44 minutes 05 seconds West 300.02 feet; thence North 69 degrees 54 minutes 43 seconds East 320.63 feet to the point of beginning of the tract to be herein described; thence continuing North 69 degrees 54 minutes 43 seconds East, along said west line, 429 feet, more or less, to the northerly shoreline of Pine River; thence easterly and northeasterly along said shoreline to the intersection with a line bearing South 00 degrees 34 minutes 44 seconds East from the point of beginning; thence North 00 degrees 36 minutes 31 seconds East from the point of beginning; thence North 00 degrees 36 minutes 31 seconds West 173 feet, more or less, to the point of beginning.

Subject to easements, restrictions and reservations of record.

TRACT 5

That part of Government Lot 4, Section 31, Township 139 North, Range 30 West, Cass County, Minnesota described as follows: Commencing at the Southeast corner of said Government Lot 4; thence North 00 degrees 36 minutes 31 seconds West assumed bearing along the east line of said Government Lot 4, a distance of 848.27 feet to the point of beginning of the tract to be herein described; thence southwesterly 79.34 feet along a non-tangential curve, concave to the southeast having a radius of 133.22 feet, a central angle of 34 degrees 07 minutes 18 seconds and the chord bears South 38 degrees 17 minutes 51 seconds West for a chord distance of 78.17 feet to the point of reverse curve; thence southwesterly 364.43 feet along said reverse curve, concave to the northwest having a radius of 450.00 feet, a central angle of 46 degrees 24 minutes 02 seconds and the chord bears South 44 degrees 26 minutes 13 seconds West for a chord distance of 354.55 feet; thence South 00 degrees 36 minutes 31 seconds East not tangent to said curve 300 feet, more or less, to the northerly shoreline of Pine River; thence easterly, northerly and easterly to said east line, thence North 00 degrees 36 minutes 31 seconds West along said east line 369 feet, more or less, to the point of beginning.

Subject to easements, restrictions and reservations of record.

TRACT 6

That part of Government Lot 4, Section 31, Township 139 North, Range 30 West, Cass County, Minnesota described as follows: Commencing at the Southeast corner of said Government Lot 4; thence North 00 degrees 36 minutes 31 seconds West assumed bearing along the east line of said Government Lot 4, a distance of 848.27 feet to the point of beginning of the tract to be herein described; thence South 88 degrees 52 minutes 02 seconds West 375.02 feet; thence South 00 degrees 36 minutes 31 seconds East 390.67 feet; thence northeasterly 442.86 feet along a non-tangential curve, concave to the northwest having a radius of 450.00 feet, a central angle of 56 degrees 23 minutes 11 seconds and the chord bears North 49 degrees 25 minutes 48 seconds northeasterly 29.34 feet along said reverse curve, concave to the southeast having a radius of 133.22 feet, a central angle of 34 degrees 07 minutes 18 seconds and the chord bears North 38 degrees 17 minutes 51 seconds West for a chord distance of 78.17 feet to said east line; thence North 00 degrees 36 minutes 31 seconds West, not tangent to said curve, along said east line, 60.18 feet to the point of beginning.

Subject to easements, restrictions and reservations of record.

TRACT 7

That part of Government Lot 4, Section 31, Township 139 North, Range 30 West, Cass County, Minnesota described as follows: Commencing at the Southeast corner of said Government Lot 4; thence North 00 degrees 36 minutes 31 seconds West assumed bearing along the east line of said Government Lot 4, a distance of 848.27 feet to the point of beginning of the tract to be herein described; thence South 88 degrees 52 minutes 02 seconds West 375.02 feet to the point of beginning of the tract to be herein described; thence South 00 degrees 36 minutes 31 seconds East 390.67 feet; thence northeasterly 442.86 feet along a non-tangential curve, concave to the north having a radius of 450.00 feet, a central angle of 11 degrees 06 minutes 42 seconds and the chord bears South 83 degrees 10 minutes 44 seconds West for a chord distance of 87.13 feet; thence South 88 degrees 44 minutes 05 seconds West, for a chord distance of 265.14 feet, more or less, to the centerline of Highway No. 87; thence northerly along said centerline to the intersection with a line bearing South 88 degrees 52 minutes 02 seconds West from the point of beginning; thence North 88 degrees 52 minutes 02 seconds East 396.55 feet to the point of beginning.

Subject to easements, restrictions and reservations of record.

Subject to the right of way of Highway No. 87.

TRACT 9

Those parts of the West Half of the Southwest Quarter, Section 32 and Government Lot 4, Section 31, all in Township 139 North, Range 30 West, Cass County, Minnesota which lie southerly of the southerly shoreline of the Pine River.

Subject to easements, restrictions and reservations of record.

NEW 33 FOOT WIDE EASEMENT (TRACTS 1-8 SUBJECT TO AND TOGETHER WITH)

An easement for roadway purposes 33.00 feet in width over and across the West Half of the Southwest Quarter, Section 32 and Government Lot 4, Section 31, all in Township 139 North, Range 30 West, Cass County, Minnesota to the centerline of which is described as follows: Commencing at the Southeast corner of said West Half; thence North 00 degrees 34 minutes 44 seconds West assumed bearing along the east line of said West Half a distance of 450.03 feet; thence South 88 degrees 44 minutes 05 seconds West 300.02 feet to the point of beginning of the centerline to be herein described; thence North 69 degrees 54 minutes 43 seconds West 1093.64 feet; thence South 88 degrees 52 minutes 02 seconds West 325.47 feet; thence southwesterly 78.08 feet along a tangential curve, concave to the southeast, having a radius of 50.07 feet and a central angle of 89 degrees 28 minutes 33 seconds; thence South 0 degrees 36 minutes 31 seconds East, tangent to said curve 197.46 feet; thence South 40 degrees 23 minutes 01 seconds East, 203.55 feet; thence South 88 degrees 44 minutes 05 seconds West 218.24 feet, more or less, to the centerline of Highway No. 87 and said centerline there terminating.

TRACT 8

That part of Government Lot 4, Section 31, Township 139 North, Range 30 West, Cass County, Minnesota described as follows: Commencing at the Southeast corner of said Government Lot 4; thence North 00 degrees 36 minutes 31 seconds West, assumed bearing along the east line of said Government Lot 4, a distance of 848.27 feet; thence South 88 degrees 52 minutes 02 seconds West 375.02 feet; thence South 00 degrees 36 minutes 31 seconds East 390.67 feet; thence northeasterly 78.43 feet along a non-tangential curve, concave to the northwest, having a radius of 450.00 feet, a central angle of 09 degrees 59 minutes 08 seconds and the chord bears North 72 degrees 37 minutes 49 seconds East for a chord distance of 78.33 feet to the point of beginning of the tract to be herein described; thence southwesterly 165.70 feet along said curve, concave to the northwest, having a radius of 450.00 feet and a central angle of 21 degrees 05 minutes 50 seconds; thence South 88 degrees 44 minutes 05 seconds West, tangent to said curve, 265.14 feet to the centerline of Highway No. 87; thence southerly along said centerline to the south line of said Government Lot 4; thence North 88 degrees 57 minutes 24 seconds East along said south line 172 feet, more or less, to the westerly shoreline of the Pine River; thence northeasterly along said shoreline to the intersection with a line bearing South 00 degrees 36 minutes 31 seconds East from the point of beginning; thence North 00 degrees 36 minutes 31 seconds West 300 feet, more or less, to the point of beginning.

Subject to easements, restrictions and reservations of record.

Subject to the right of way of Highway No. 87.

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 ENGINEER OR LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MINNESOTA.

DATE: 06/01/11 LIC. NO.: 21367

LANDECKER & ASSOCIATES INC.
WALKER, MN. 56484
PHONE 218-547-1296
PLANNING ENGINEERING SURVEYING

PROJ. NO.	DATE	REVISIONS	EACHMENT	COMPUTER
TLF	2/13/98	6/4/01		9727
CHECKED BY	SCALE:			BOOK 138 PG. 17
DRAWN BY	HORIZ. 1"=100'			FILE NO. 051277
MS	VERT. NONE			SHEET 1 OF 1