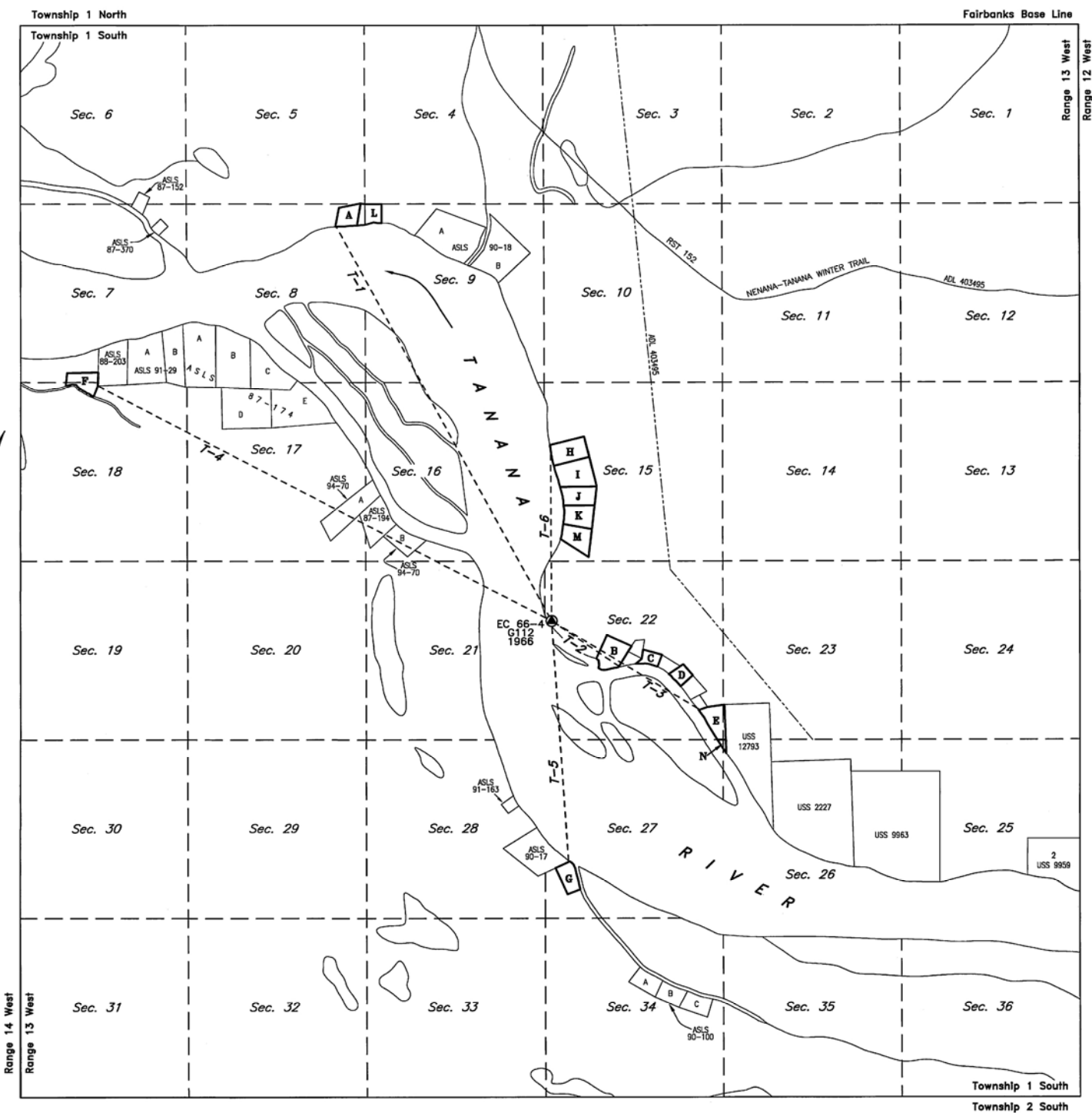


DUGAN HILLS
REMOTE RECREATIONAL CABIN SITES



Mean Magnetic
Declination
25 1/4° E.
USS 12793
2002

INDEX TO SHEETS

SHEET No. 2 TRACTS A & L	SHEET No. 3 TRACTS B & C	SHEET No. 4 TRACTS D, E & N	SHEET No. 5 TRACT F	SHEET No. 6 TRACT G	SHEET No. 7 TRACTS H, I, J, K & M
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Fairbanks 2008-33 Manley Hot Springs 2008-1



Basis of Coordinates
BLM Control Station
EC 66-4 G112 1966
Latitude: 64°48'56.74" North
Longitude: 150°09'12.71" West
(NAD 1927 Record)

BLM record geodetic coordinates for this control station are only available to the hundredths of seconds as are shown here. Individual tract corner No. One coordinates are provided to the thousandth of second of precision to maintain dimensional integrity, but should only be considered accurate to the significant figures of the basis of coordinates.

Tract Monument Tie Table

Tie	Bearing	Distance	Description
T-1	N 28°34'27" W	13,322.80'	From EC 66-4 to WCMC1, Tract A
T-2	S 56°02'16" E	2,400.24'	From EC 66-4 to WCMC1, Tract B
T-3	S 59°03'45" E	5,110.03'	From EC 66-4 to WCMC1, Tract E
T-4	N 62°33'43" W	15,107.20'	From EC 66-4 to Cor. 1, Tract F
T-5	S 04°01'42" E	7,140.52'	From EC 66-4 to WCMC1, Tract G
T-6	N 00°13'06" W	5,205.39'	From EC 66-4 to WCMC1, Tract H

Bearings in this table are forward geodetic which also agree with the basis of bearings of this plat. Distances provided are ground measured at an average elevation of 300 feet and therefore would have to be adjusted to geodetic to agree with the geodetic positions computed and shown on the individual sheets of this plat. The NAD 83 geodetic coordinates provided were converted from the NAD 27 computed positions using NADCON interpolation files.

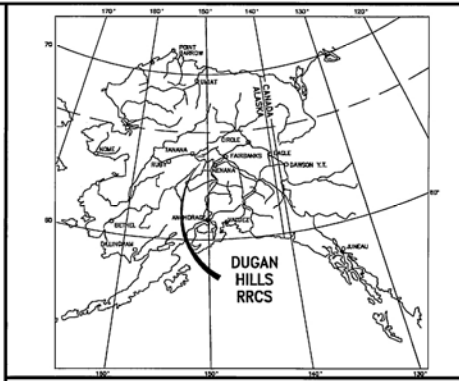
General Notes

- 1) This survey was accomplished in accordance with AS 38.05.600, GSC 708, and RRCS SI 2005-26.
- 2) All bearings shown are true bearings as oriented to the Basis of Bearing. See Note No. 5. Distances shown are reduced to horizontal field distances.
- 3) The accuracy of this survey is greater than 1:5000.
- 4) All parcels of land owned by the State of Alaska, located within 50.00 feet of, or bisected by a surveyed or protracted section line, are subject to a 50 foot (50') easement, each side of the section line, which is reserved to the State of Alaska for public highways under A.S. 19.10.010.
- 5) All bearings on this plat other than those indicated as being record are in a local plane bearing system, oriented to the NAD 27 true meridian at BLM Control Station EC 66-4 G112 1966. The orientation to the true meridian was determined by a high precision GPS survey, using Leica receivers, differentially corrected and processed using Geo Office, Version 2.0 software.
- 6) Tracts are subject to a 100-foot building setback along the ordinary high water line of all water bodies.
- 7) Tract specific notes are listed on the plat sheet with the corresponding tract.

Surveyor's Certificate

I hereby certify that I am properly registered and licensed to practice land surveying in the State of Alaska, that this plat represents a survey made by me or under my direct supervision, that the monuments shown hereon actually exist as described, and that all dimensions and other details are correct.
Date 10 SEPT 2007 Registration No. 5032-S

Richard B. Gray, Registered Land Surveyor



LOCATION MAP

Certificate of Ownership
And Dedication

I, the undersigned, hereby certify that I am the Director, Division of Mining, Land and Water and that the State of Alaska is the owner of ASLS 2005-26, as shown hereon. I hereby approve this survey and plat for the State of Alaska, and dedicate for public or private use as noted, all easements, public utility areas, and rights-of-way as shown and described hereon.

Dated: 4-4, 2008

Sandra J. Singer
Director, Division of Mining, Land, and Water

Notary's Acknowledgment

Subscribed and sworn to before me this 4th day of April, 2008, for

Sandra J. Singer

Ronda Wilson
Notary for the State of Alaska

My commission expires with office



Plat Approval

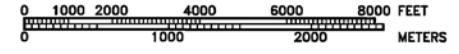
This plat is approved by the Commissioner of the Department of Natural Resources, or the Commissioner's designee, in accordance with AS 40.15.

Sandra J. Singer 4-4-08
Commissioner Date

By approval of this plat, the Commissioner of the Department of Natural Resources hereby accepts for public use and public purposes the real property dedicated to the public hereon, including easements, rights-of-way, alleys, and roadways. The acceptance of such dedicated areas for public use and public purposes does not obligate the Department, any governing body or the public to construct, maintain or manage improvements.

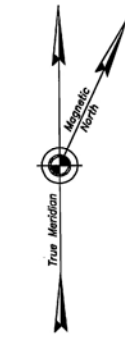
SCALE

1 INCH = 2000 FEET

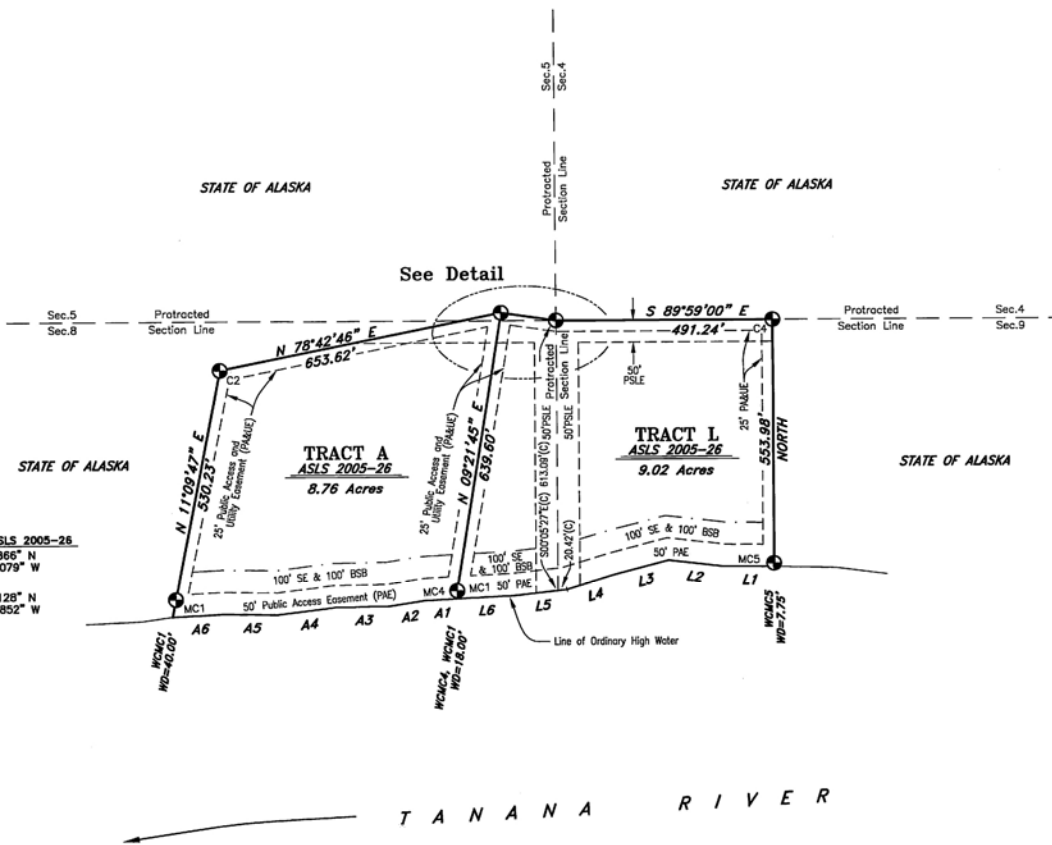


1 METER = 3.280833 US SURVEY FEET, 1 US ACRE = 0.4047 HECTARES

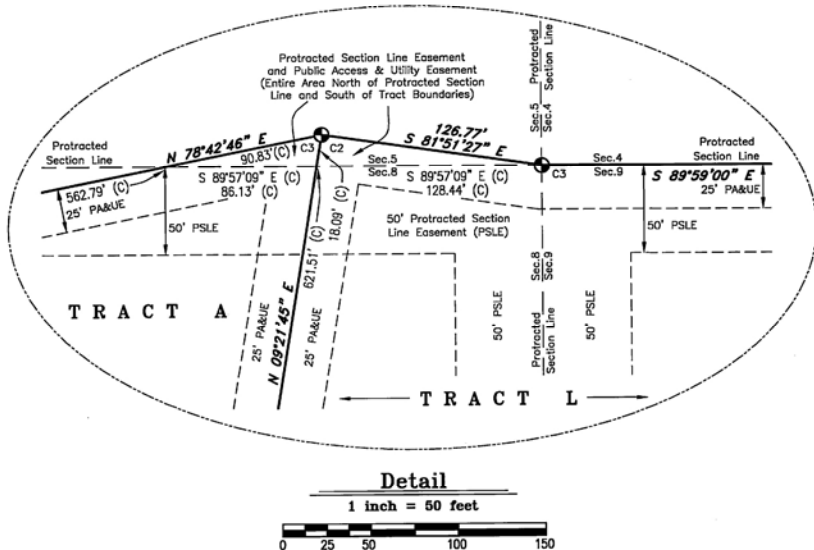
DATE OF SURVEY: Beginning June 28, 2006 Ending July 3, 2007	NAME OF SURVEYOR: Manley Land Surveyors, Inc. P.O. Box 69 Manley Hot Springs, Alaska 99756 (907) 672-3532
STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES DIVISION OF MINING, LAND AND WATER ANCHORAGE, ALASKA	
ALASKA STATE LAND SURVEY No. 2005-26	
DUGAN HILLS REMOTE RECREATIONAL CABIN SITES Creating Tracts A Through N Located Within Protracted Sections 5, 7, 8, 9, 15, 18, 22, 23, & 27, Township 1 South, Range 13 West, Fairbanks Meridian, Alaska FAIRBANKS AND MANLEY HOT SPRINGS RECORDING DISTRICTS	
DESIGN BY: emg DATE: Sept. 4, 2007	APPROVAL: [Signature] DATE: Apr 03, 2008
SCALE: 1" = 2000'	CHECKED: RBG FILE No. ASLS 20050026



Mean Magnetic
Declination
25 1/4° E
USS 12793
2002



WCMC1, TRA, ASLS 2005-26
LAT 64°50'51.866" N
LONG 150°11'40.079" W
(NAD 1927)
LAT 64°50'50.128" N
LONG 150°11'48.852" W
(NAD 1983)



Detail
1 inch = 50 feet
0 25 50 100 150

Fairbanks 2008-33 Manley Hot Springs 2008-1

Sheet 2 Notes

- General Notes applicable to all sheets of this survey appear on Sheet No. 1.
- The existing lessee's claim corners were recovered and used to control the location of the boundary of Tract A.
- Tract L, ADL No. 417619, is a DNR administrative parcel and has no applicant.
- The natural meanders of the line of ordinary high water of the Tanana River form the true bounds of Tracts A and L. The approximate line of ordinary high water, as shown, is for area computations only, with the true tract corners being on the extension of the tract sidelines and their intersection with the natural meanders.
- A portion of the north boundary of Tract L was computed to be coincident with the line between protracted Sections 4 and 9. The line between protracted Sections 5 and 8 and the line between protracted Sections 8 and 9 extend through Tracts A and L. The computation of the positions of these protracted section lines utilized the basis of coordinates and the basis of bearings as described on Sheet 1 and the protracted position for the corner of Sections 5, 6, 7, and 8, the protracted position for the corner of Sections 4, 5, 8, and 9 (Cor. 3, Tract L), the protracted position for the corner of Sections 3, 4, 9, and 10, and the protracted position for the corner of Sections 8, 9, 16, and 17. It is not intended that these represent the official section line locations. The protracted section lines shown hereon fix the location of the section line easements within Tracts A and L.
- All parcels of land owned by the State of Alaska, located within 50.00 feet of, or bisected by a surveyed or protracted section line, are subject to a 50 foot (50') easement, each side of the section line, which is reserved to the State of Alaska for public highways under A.S. 19.10.010.
- Tracts A and L are subject to a scenic easement. This scenic easement is defined as existing 100 feet upland from the ordinary high water line of the Tanana River. Structures are not permitted within the scenic easement. Vegetation may not be cut or removed and the landscape may not be altered within the scenic easement except: 1) within the 25 foot public access and utility easement along the remote recreational cabin site boundary lines; 2) within the 50 foot public access easement upland from the ordinary high water line of the Tanana River; 3) as required to clear and mark remote recreational cabin site boundary lines and corner posts.

Meander Line Table

Tanana River Ordinary High Water Line

Line	Bearing	Distance
L1	N 89°22'17" W	117.04'
L2	N 83°22'19" W	123.69'
L3	S 75°26'12" W	125.97'
L4	S 73°07'59" W	113.02'
L5	S 83°29'11" W	120.75'
L6	S 87°15'26" W	133.91'
A1	S 86°50'22" W	73.78'
A2	S 80°51'08" W	77.83'
A3	S 89°05'46" W	122.74'
A4	S 82°52'38" W	131.44'
A5	N 89°05'39" W	121.88'
A6	S 87°12'40" W	119.00'

Legend

- 3 1/4" Diam. Aluminum Cap On 2 1/2" Diam. By 30" Long Aluminum Post Primary Monument, 5032-S, Set This Survey
- Surveyed Line
- Unsurveyed Protracted Section Line
- Easement Line
- 100' Scenic Easement (See Note 7) and 100' Building Setback
- (C) Computed Dimension
- 50' PSLE 50' Protracted Section Line Easement
- 50' PAE 50' Public Access Easement Per AS 38.05.127
- 25' PA&UE 25' Public Access and Utility Easement
- 100' SE 100' Scenic Easement (See Note 7)
- 100' BSB 100' Building Setback

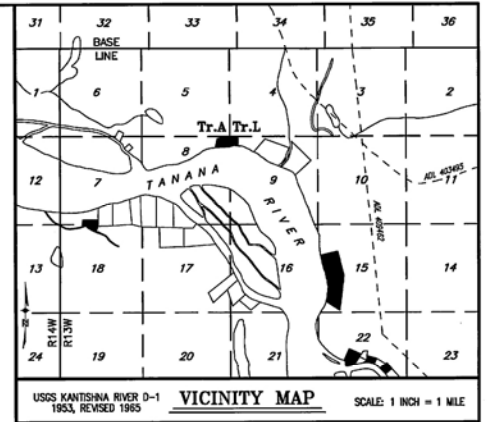
All primary monuments set this survey are 3 1/4" diameter aluminum caps on 2 1/2" diameter aluminum pipe, 30" long, set 25" to 30" in the ground with a deep 1 magnet at the base and a coronite witness post adjacent to the monument.

Monument Caps And Accessories Set This Survey

WC	10" Spruce	N 03° E	55.9'
TRA	12" Birch	N 44° E	5.3'
MC	10" Spruce	N 57° W	29.4'
C.2	4" Birch	N 43° E	14.7'
TRA	11" Birch	S 64° E	22.8'
MC	8" Birch	S 41° W	44.2'
C.3	5" Birch	S 67° E	9.0'
TRA	4" Spruce	S 38° W	28.4'
C.2	5" Spruce	N 63° W	37.5'
WC	5" Spruce	N 21° E	20.3'
TRA	4" Spruce	S 82° E	10.1'
C.1	4" Spruce	N 70° W	5.9'
MC	4" Birch	N 35° E	31.4'
C.3	3" Spruce	S 80° E	18.5'
TRA	5" Birch	S 42° W	29.1'
C.4	4" Birch	S 73° E	12.9'
TRA	5" Birch	S 53° W	15.1'
C.1	3" Birch	N 80° W	15.7'
WC	4" Spruce	N 06° E	31.5'
TRA	4" Spruce	N 27° E	16.2'
C.5	3" Spruce	N 40° W	7.7'
MC			



Typical Markings
Primary Monuments
Set This Survey



Applicant Certificate

I, the undersigned, hereby certify that I am the applicant as shown hereon. I hereby approve this survey and plat.

Tract A, ADL No. 417619

Dated: 26 Sept, 07, 20

Kenneth V. Gill

Kenneth V. Gill
2328 Gilliam Way, Fairbanks, Alaska 99701

Notary's Acknowledgment

Subscribed and sworn to before me this 26 day of

September, 2007, for

Kenneth V. Gill

Manley Hot Springs

Notary for the State of Alaska
My commission expires June 5, 2008



SCALE

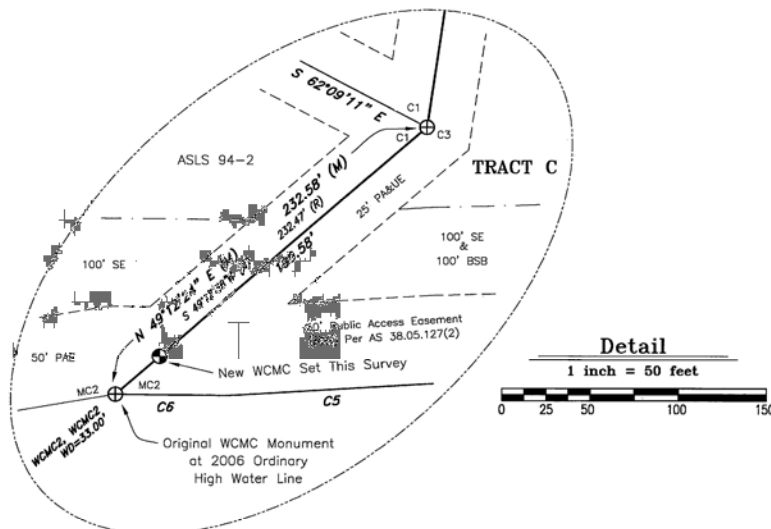
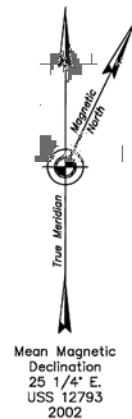
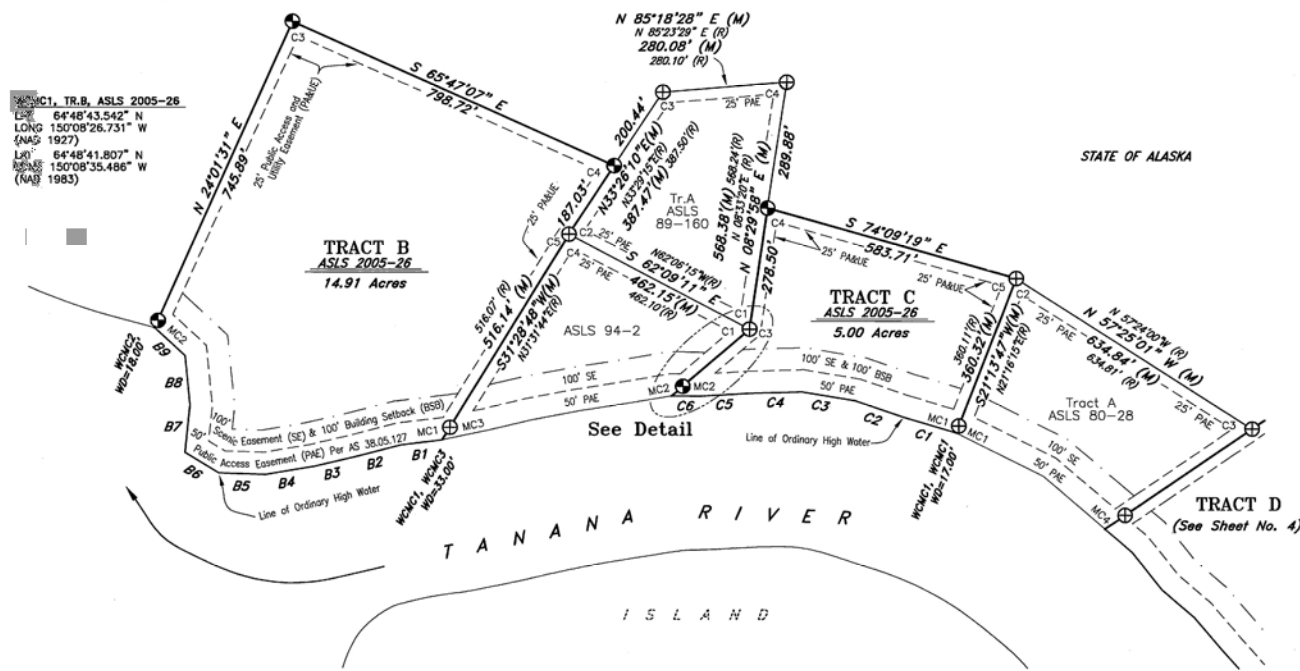
1 INCH = 200 FEET



1 METER = 3.2808333 US SURVEY FEET, 1 US ACRE = 0.4047 HECTARES

DATE OF SURVEY: Beginning June 28, 2006 Ending July 3, 2007	NAME OF SURVEYOR: Manley Land Surveyors, Inc. P.O. Box 69 Manley Hot Springs, Alaska 99756 (907) 672-3532
STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES DIVISION OF MINING, LAND AND WATER ANCHORAGE, ALASKA	
ALASKA STATE LAND SURVEY No. 2005-26	
DUGAN HILLS REMOTE RECREATIONAL CABIN SITES Creating Tracts A Through N Located Within Protracted Sections 5, 7, 8, 9, 15, 18, 22, 23, & 27, Township 1 South, Range 13 West, Fairbanks Meridian, Alaska FAIRBANKS AND MANLEY HOT SPRINGS RECORDING DISTRICTS	
DRAWN BY: DATE Sept. 4, 2007 SCALE: 1" = 200'	APPROVAL RECOMMENDED: Checked: [Signature] Date: 9/03/2008 FILE No. ASLS 20050026

STATE OF ALASKA

**Legend**

- ⊕ 3 1/4" Diam. Aluminum Cap On Aluminum Post Primary Monument, 5032-S, or 2 1/2" Diam. Aluminum Cap On Aluminum Post Primary Monument, 3252-S, Recovered This Survey
- ⊙ 3 1/4" Diam. Aluminum Cap On 2 1/2" Diam. By 30" Long Aluminum Post Primary Monument, 5032-S, Set This Survey
- Surveyed Line
- - - Easement Line
- - - 100' Scenic Easement (See Note 6) and 100' Building Setback
- (R) Record Dimension Per Adjoining Plat As Indicated
- (M) Measured Dimension
- 50' PAE 50' Public Access Easement Per AS 38.05.127
- 25' PAUE 25' Public Access and Utility Easement
- 100' SE 100' Scenic Easement (See Note 6)
- 100' BSB 100' Building Setback

Meander Line Table

Tanana River Ordinary High Water Line

Line	Bearing	Distance
B1	S 82°59'45" W	94.07'
B2	S 75°20'25" W	101.75'
B3	S 76°49'35" W	99.86'
B4	S 80°10'09" W	112.57'
B5	N 88°02'13" W	106.55'
B6	N 58°29'37" W	87.72'
B7	N 05°48'39" E	107.00'
B8	N 05°37'15" W	114.10'
B9	N 46°46'07" W	93.43'
C1	N 73°15'47" W	127.02'
C2	N 71°06'21" W	112.58'
C3	N 80°28'25" W	121.95'
C4	S 88°22'44" W	113.88'
C5	S 86°33'11" W	115.74'
C6	N 89°25'16" W	64.37'

**Typical Markings
Primary Monuments
Set This Survey**

All primary monuments set this survey are 3 1/4" diameter aluminum caps on 2 1/2" diameter aluminum pipe, 30" long, set 25" to 30" in the ground with a deep 1 magnet at the base and a corsonite witness post adjacent to the monument.

**Monument Caps And Accessories
Recovered This Survey**

Original Monument at 2006 Ordinary High Water Line



8" Spruce N 52° E 16.0'
18" Spruce S 43° E 18.8'
3" Spruce N 15° W 4.5'
(Existing Record Bearing Trees Reported)



9" Spruce EAST 11.4'
8" Spruce S 06° W 10.1'
8" Spruce N 34° W 18.2'
(Existing Record Bearing Trees Reported)



7" Spruce NORTH 9.4'
6" Spruce S 36° E 10.3'
7" Spruce S 58° W 7.0'
(Existing Record Bearing Trees Reported)



10" Spruce N 25° E 8.3'
7" Spruce S 40° E 9.0'
6" Spruce S 73° W 8.8'
(Existing Record Bearing Trees Reported)



6" Spruce N 81° E 9.6'
4" Spruce S 41° W 8.1'
9" Spruce N 55° W 4.5'
(Existing Record Bearing Trees Reported)



6" Spruce S 84°00' E 20.2'
7" Spruce N 62°30' W 18.8'
12" Spruce N 03° W 20.9'
(Two Existing Record Bearing Trees Reported)
(Bearing Tree Added This Survey)



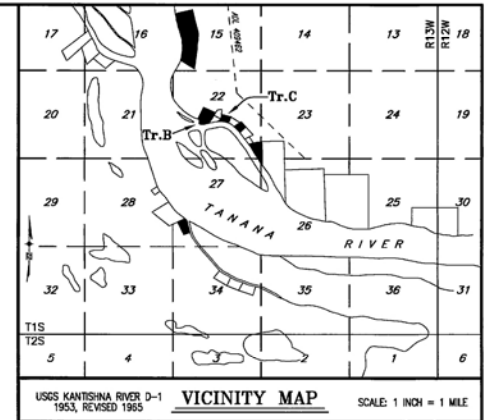
4" Birch N 37°50' E 26.7'
8" Spruce S 14°50' E 29.3'
9" Spruce S 71°50' W 19.2'
(Existing Record Bearing Trees Reported)

Sheet 3 Notes

- General Notes applicable to all sheets of this survey appear on Sheet No. 1.
- The existing lessee's claim corners were recovered and used to control the location of the boundaries of Tract C.
- Tract B, ADL No. 417241, is a DNR administrative parcel and has no applicant.
- The natural meanders of the line of ordinary high water of the Tanana River form the true bounds of Tracts B and C. The approximate line of ordinary high water, as shown, is for area computations only, with the true tract corners being on the extension of the tract sidelines and their intersection with the natural meanders.
- All parcels of land owned by the State of Alaska, located within 50.00 feet of, or bisected by a surveyed or protracted section line, are subject to a 50 foot (50') easement, each side of the section line, which is reserved to the State of Alaska for public highways under A.S. 19.10.010.
- Tracts B and C are subject to a scenic easement. This scenic easement is defined as existing 100 feet upland from the ordinary high water line of the Tanana River. Structures are not permitted within the scenic easement. Vegetation may not be cut or removed and the landscape may not be altered within the scenic easement except: 1) within the 25 foot public access and utility easement along the remote recreational cabin site boundary lines; 2) within the 50 foot public access easement upland from the ordinary high water line of the Tanana River; 3) as required to clear and mark remote recreational cabin site boundary lines and corner posts.
- Alaska State Land Survey No. 80-28 was surveyed by Frank R. Bell, 3252-S, for Bell, Herring & Associates, in 1980 and filed as Plat No. 82-3 in the Manley Hot Springs Recording District.
- Alaska State Land Survey No. 89-160 was surveyed by Richard B. Gray, 5032-S, for Manley Land Surveyors, Inc., in 1990 and filed as Plat No. 90-7 in the Manley Hot Springs Recording District.
- Alaska State Land Survey No. 94-2 was surveyed by Richard B. Gray, 5032-S, for Manley Land Surveyors, Inc., in 1994 and filed as Plat No. 95-3 in the Manley Hot Springs Recording District.

**Monument Caps And Accessories
Set This Survey**

WC	13" Spruce	N 18° E	43.8'
TR.B C.2	11" Spruce	N 85° E	19.0'
MC	5" Spruce	S 74° W	7.5'
C.3 TR.B	10" Spruce	S 79° E	14.1'
	13" Spruce	S 64° W	19.0'
	8" Spruce	N 21° W	5.1'
C.4 TR.A TR.B/89-160	8" Spruce	N 17° E	17.1'
	12" Spruce	S 71° E	7.0'
	12" Spruce	S 56° W	24.1'
WC	5" Spruce	N 17° E	16.1'
ASLS 94-2 C.2 MC	8" Spruce	N 74° E	9.1'
	5" Spruce	N 83° W	14.2'
TR.A ASLS 89-160 C.4 TR.C	12" Spruce	N 25° E	18.5'
	10" Spruce	S 54° E	10.1'
	12" Spruce	N 36° W	10.7'

**Applicant Certificate**

I, the undersigned, hereby certify that I am the applicant as shown hereon. I hereby approve this survey and plat.

Tract C, ADL No. 417385

Dated: _____, 20____

Robert A. Maxwell
126 Boaters Lane, Fairbanks, Alaska 99709**Notary's Acknowledgment**

Subscribed and sworn to before me this _____ day of _____, 20____, for _____

Notary for the State of Alaska
My commission expires _____

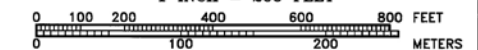
**Limited Waiver of
Plat Certificate Signature**

The applicant for Tract C, Robert A. Maxwell, is deceased and the court has not appointed a personal representative to sign on behalf of the estate. The requirement for applicant signature for Tract C is hereby waived, only to the extent necessary to allow, and for the sole purpose of, approving the final survey of Tract C, ASLS 2005-26. This action is taken by the Director, Division of Mining, Land and Water pursuant to 11 AAC 53.100 and the Administrative Decision dated April 2, 2008.

Richard H. Mylius 4-2-08
Date
Richard H. Mylius
Director, Division of Mining, Land & Water
Department of Natural Resources

SCALE

1 INCH = 200 FEET



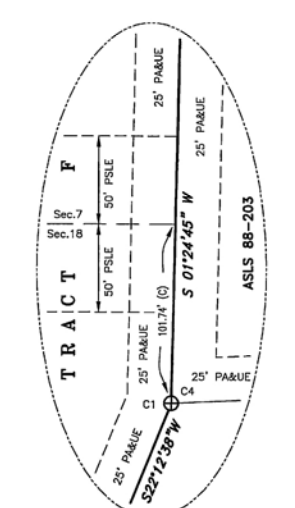
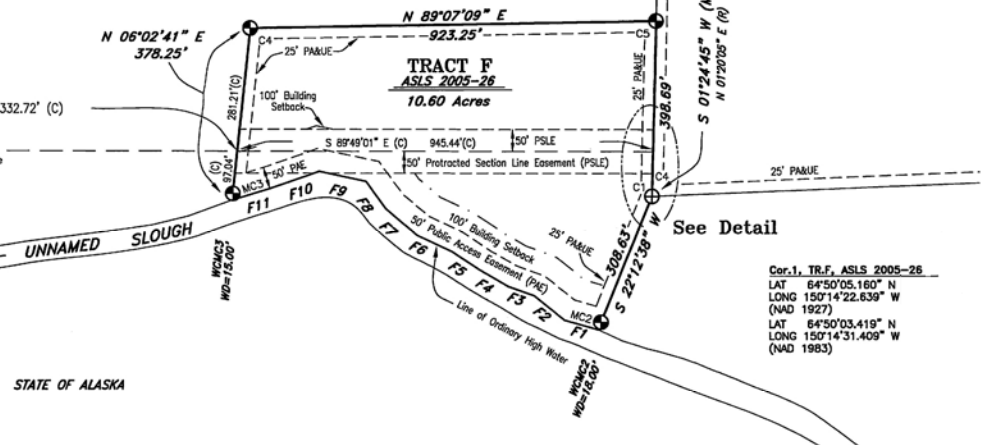
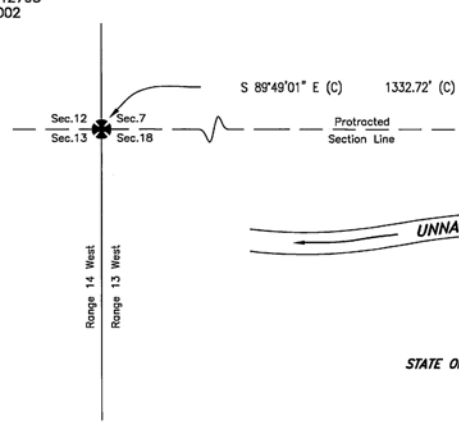
1 METER = 3.2808333 US SURVEY FEET, 1 US ACRE = 0.4047 HECTARES

DATE OF SURVEY: Beginning June 28, 2006 Ending July 3, 2007		NAME OF SURVEYOR: Manley Land Surveyors, Inc. P.O. Box 69 Manley Hot Springs, Alaska 99756 (907) 672-3632	
STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES DIVISION OF MINING, LAND AND WATER ANCHORAGE, ALASKA			
ALASKA STATE LAND SURVEY No. 2005-26			
DUGAN HILLS REMOTE RECREATIONAL CABIN SITES Creating Tracts A Through N Located Within Protracted Sections 5, 7, 8, 9, 15, 18, 22, 23, & 27, Township 1 South, Range 13 West, Fairbanks Meridian, Alaska FAIRBANKS AND MANLEY HOT SPRINGS RECORDING DISTRICTS			
DRAWN BY: emp	APPROVAL RECOMMENDED: <i>Richard H. Mylius</i> 4/2/08 Statewide Planning Supervisor	DATE: Sept. 4, 2007	
SCALE: 1" = 200'	CHECKED: RBG	FILE No.	ASLS 20050026

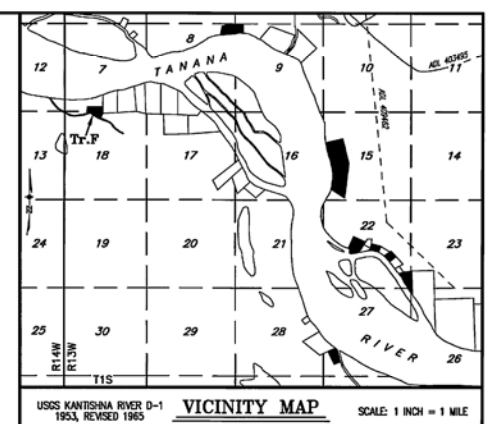
Fairbanks 2008-33 Manley Hot Springs 2008-1

Sheet No. 3 of 7

Mean Magnetic
Declination
25 1/4° E.
USS 12793
2002



Detail
1 inch = 50 feet



Applicant Certificate

I, the undersigned, hereby certify that I am the applicant as shown hereon. I hereby approve this survey and plat.

Tract F, ADL No. 417383

Dated: Sept 28, 2007

Craig Cole
Craig D. Cole
1103 John Kolins Road, Fairbanks, Alaska 99712

Notary's Acknowledgment

Subscribed and sworn to before me this 28 day of September, 2007, for

Craig Cole
Mark Mueller
Notary for the State of Alaska
My commission expires June 5, 2008



Sheet 5 Notes

- General Notes applicable to all sheets of this survey appear on Sheet No. 1.
- The existing lessee's claim corners were recovered and used to control the location of the boundary of Tract F.
- The natural meanders of the line of ordinary high water of the Unnamed Slough form the true bounds of Tract F. The approximate line of ordinary high water, as shown, is for area computations only, with the true tract corners being on the extension of the tract sidelines and their intersection with the natural meanders.
- The line between protracted Sections 7 and 18 extends through Tract F. The computation of the position of this protracted section line utilized the basis of coordinates and the basis of bearings as described on Sheet 1, the protracted position for the corner of Sections 7, 8, 17, and 18 and the recovered monument at the corner of Sections 7 and 18, T1S, R13W, and Sections 12 and 13, T1S, R14W, PM. It is not intended to represent the official section line location. The protracted section line shown hereon fixes the location of the section line easements within Tract F.
- All parcels of land owned by the State of Alaska, located within 50.00 feet of, or bisected by a surveyed or protracted section line, are subject to a 50 foot (50') easement, each side of the section line, which is reserved to the State of Alaska for public highways under A.S. 19.10.010.
- The West boundary of Township 1 South, Range 13 West, Fairbanks Meridian, was surveyed by the Bureau of Land Management in 1961 through 1964 and the plat was approved December 11, 1973.
- Alaska State Land Survey No. 88-203 was surveyed by Richard B. Gray, 5032-S, for Manley Land Surveyors, Inc., in 1989 and filed as Plat No. 90-4 in the Manley Hot Springs Recording District.

- Legend**
- 3 1/4" Diam. Brass Cap On Iron Pipe, BLM Primary Monument, Recovered This Survey
 - 3 1/4" Diam. Aluminum Cap On Aluminum Post Primary Monument, 5032-S, Recovered This Survey
 - 3 1/4" Diam. Aluminum Cap On 2 1/2" Diam. By 30" Long Aluminum Post Primary Monument, 5032-S, Set This Survey
 - Surveyed Line
 - Unsurveyed Protracted Section Line
 - Easement Line
 - 100' Building Setback
 - (R) Record Dimension Per Adjoining Plat As Indicated
 - (M) Measured Dimension
 - (C) Computed Dimension
 - 50' PSLE 50' Protracted Section Line Easement
 - 50' PAE 50' Public Access Easement Per AS 38.05.127
 - 25' PAU 25' Public Access and Utility Easement



Typical Markings Primary Monuments Set This Survey

All primary monuments set this survey are 3 1/4" diameter aluminum caps on 2 1/2" diameter aluminum pipe, 30" long, set 25" to 30" in the ground with a deep 1" magnet at the base and a carsonite witness post adjacent to the monument.

Monument Caps And Accessories Recovered This Survey

16" Spruce	N 25° E	30.9'
12" Spruce	N 84° E	19.5'
14" Spruce	N 33° W	9.5'
(Existing Record Bearing Trees Reported)		

6" Birch	N 79° E	22.9'
6" Birch	S 39° E	19.6'
5" Spruce	S 82° W	23.7'
(Existing Record Bearing Trees Reported)		



Monument Caps And Accessories Set This Survey

WC	4" Spruce	N 37° E	39.8'
TR.F	7" Spruce	EAST	14.6'
MC	6" Spruce	N 37° W	6.7'

WC	12" Spruce	N 74° E	19.5'
TR.F	12" Spruce	N 86° W	5.3'
MC	9" Spruce	N 25° W	22.8'

C.4	14" Spruce	N 54° E	21.3'
TR.F	10" Spruce	S 27° E	27.0'
	14" Spruce	N 67° W	17.3'

ASLS	6" Spruce	N 36° E	21.7'
88-203	6" Birch	S 23° E	34.6'
TR.F	7" Spruce	N 83° W	34.8'

Fairbanks 2008-33

Manley Hot Springs 2008-1

Sheet No. 5 of 7

Mean Magnetic
Declination
25 1/4' E
USS 12793
2002

Meander Line Table
Tanana River Ordinary High Water Line

Line	Bearing	Distance
G1	S 53°36'58" E	93.15'
G2	S 39°05'28" E	68.30'

Flat Bottom Slough (local name)
Ordinary High Water Line

Line	Bearing	Distance
G3	S 21°27'08" E	116.78'
G4	S 12°54'19" E	120.25'
G5	S 14°43'02" E	101.95'
G6	S 16°46'06" E	121.60'
G7	S 11°09'21" E	168.58'
G8	S 16°03'07" E	116.46'

Legend

- ⊕ 3 1/4" Diam. Aluminum Cap On Aluminum Post Primary Monument, 5032-S, Recovered This Survey
- ⊙ 3 1/4" Diam. Aluminum Cap On 2 1/2" Diam. By 30" Long Aluminum Post Primary Monument, 5032-S, Set This Survey
- Surveyed Line
- - - Easement Line
- - - 100' Scenic Easement (See Note 5) and 100' Building Setback
- (R) Record Dimension Per Adjoining Plat As Indicated
- (M) Measured Dimension
- (C) Computed Dimension
- 50' PNE 50' Public Access Easement Per AS 38.05.127
- 25' PNE 25' Public Access and Utility Easement
- 100' SE 100' Scenic Easement (See Note 5)
- 100' BSB 100' Building Setback



Typical Markings
Primary Monuments
Set This Survey

All primary monuments set this survey are 3 1/4" diameter aluminum caps on 2 1/2" diameter aluminum pipe, 30" long, set 25" to 30" in the ground with a deep 1 magnet at the base and a carsonite witness post adjacent to the monument.

Monument Caps And Accessories
Recovered This Survey



12" Spruce N 66° E 27.2'
12" Spruce S 25° W 37.9'
10" Birch N 70° W 5.7'
(Existing Record Bearing Trees Reported)



14" Spruce N 45° E 12.8'
7" Spruce S 47° W 11.0'
8" Spruce N 26° W 24.9'
(Existing Record Bearing Trees Reported)

WCMC1, TR.G, ASLS 2005-26
LAT 64°47'46.639" N
LONG 150°09'01.131" W
(NAD 1927)
LAT 64°47'44.903" N
LONG 150°09'09.879" W
(NAD 1983)

Sheet 6 Notes

- General Notes applicable to all sheets of this survey appear on Sheet No. 1.
- The existing lessee's claim corners were recovered and used to control the location of the boundary of Tract G.
- The natural meanders of the line of ordinary high water of the Tanana River and Flat Bottom Slough (local name) form the true bounds of Tract G. The approximate line of ordinary high water, as shown, is for area computations only, with the true tract corners being on the extension of the tract sidelines and their intersection with the natural meanders.
- All parcels of land owned by the State of Alaska, located within 50.00 feet of, or bisected by a surveyed or protracted section line, are subject to a 50 foot (50') easement, each side of the section line, which is reserved to the State of Alaska for public highways under A.S. 19.10.010.
- Tract G is subject to a scenic easement. This scenic easement is defined as existing 100 feet upland from the ordinary high water line of the Tanana River. Structures are not permitted within the scenic easement. Vegetation may not be cut or removed and the landscape may not be altered within the scenic easement except: 1) within the 25 foot public access and utility easement along the remote recreational cabin site boundary lines; 2) within the 50 foot public access easement upland from the ordinary high water line of the Tanana River; 3) as required to clear and mark remote recreational cabin site boundary lines and corner posts.
- This line represents the approximate transition from the scenic easement and the building setback to only the building setback. The scenic easement is defined as existing 100 feet upland from the ordinary high water line of the Tanana River and the building setback is defined as existing 100 feet upland from the ordinary high water line of all water bodies.
- Alaska State Land Survey No. 90-17 was surveyed by Richard B. Gray, 5032-S, for Manley Land Surveyors, Inc., in 1990 and filed as Plat No. 91-1 in the Manley Hot Springs Recording District.

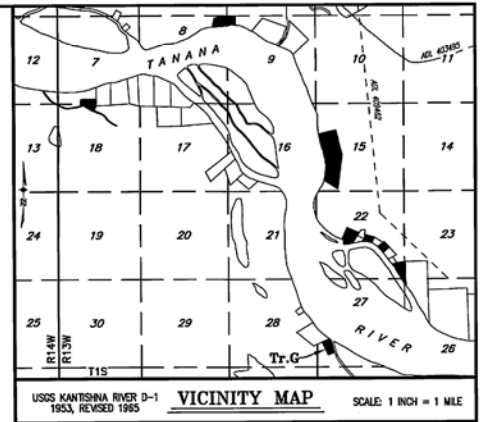
Monument Caps And Accessories
Set This Survey

WC 11" Spruce S 08° E 25.2'
ASLS 90-17 MC 6" Birch S 35° W 32.0'
C.1 TR.G 9" Spruce N 57° W 7.6'

WC 7" Spruce N 08° E 22.1'
TR.G C.2 MC 7" Spruce S 14° E 10.5'
11" Spruce N 80° W 19.8'

TR.G C.3 14" Spruce S 73° E 5.8'
19" Spruce S 15° E 14.4'
8" Spruce N 45° W 6.7'

ASLS 90-17 14" Spruce S 63° E 13.0'
C.4 TR.G 13" Spruce S 30° W 28.3'
10" Spruce N 50° W 47.7'



Applicant Certificate

I, the undersigned, hereby certify that I am the applicant as shown hereon. I hereby approve this survey and plat.

Tract G, ADL No. 417389

Dated: OCTOBER 30TH, 2007

Matthew Zukas
Matthew S. Zukas
P.O. Box 84454, Fairbanks, Alaska 99708

Notary's Acknowledgment

Subscribed and sworn to before me this 30 day of October, 2007, for
Matthew Zukas
Marta Mueller
Notary for the State of Alaska
My commission expires June 5, 2008



SCALE
1 INCH = 200 FEET

0 100 200 400 600 800 FEET
0 100 200 METERS

1 METER = 3.2808333 US SURVEY FEET, 1 US ACRE = 0.4047 HECTARES

DATE OF SURVEY: Beginning June 28, 2006 Ending July 3, 2007
NAME OF SURVEYOR: Manley Land Surveyors, Inc.
P.O. Box 69
Manley Hot Springs, Alaska 99756
(907) 572-3632

STATE OF ALASKA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF MINING, LAND AND WATER
ANCHORAGE, ALASKA

ALASKA STATE LAND SURVEY No. 2005-26

DUGAN HILLS
REMOTE RECREATIONAL CABIN SITES
Creating Tracts A Through N
Located Within Protracted Sections 5, 7, 8, 9, 15, 18, 22, 23, & 27,
Township 1 South, Range 13 West, Fairbanks Meridian, Alaska
FAIRBANKS AND MANLEY HOT SPRINGS RECORDING DISTRICTS

DRAWN BY: emg
DATE: Sept. 4, 2007
CHECKED: emg
SCALE: 1" = 200'
APPROVAL RECOMMENDED: Matthew Zukas Apr 03, 2008
FILE No. ASLS 20050026

Fairbanks 2008-33

Manley Hot Springs 2008-1

Sheet No. 6 of 7

WCMC1, TR.H, ASLS 2005-26
LAT 64°49'47.969" N
LONG 150°09'13.168" W
(NAD 1927)
LAT 64°49'46.234" N
LONG 150°09'21.931" W
(NAD 1983)

Mean Magnetic
Declination
25 1/4° E.
USS 12793
2002

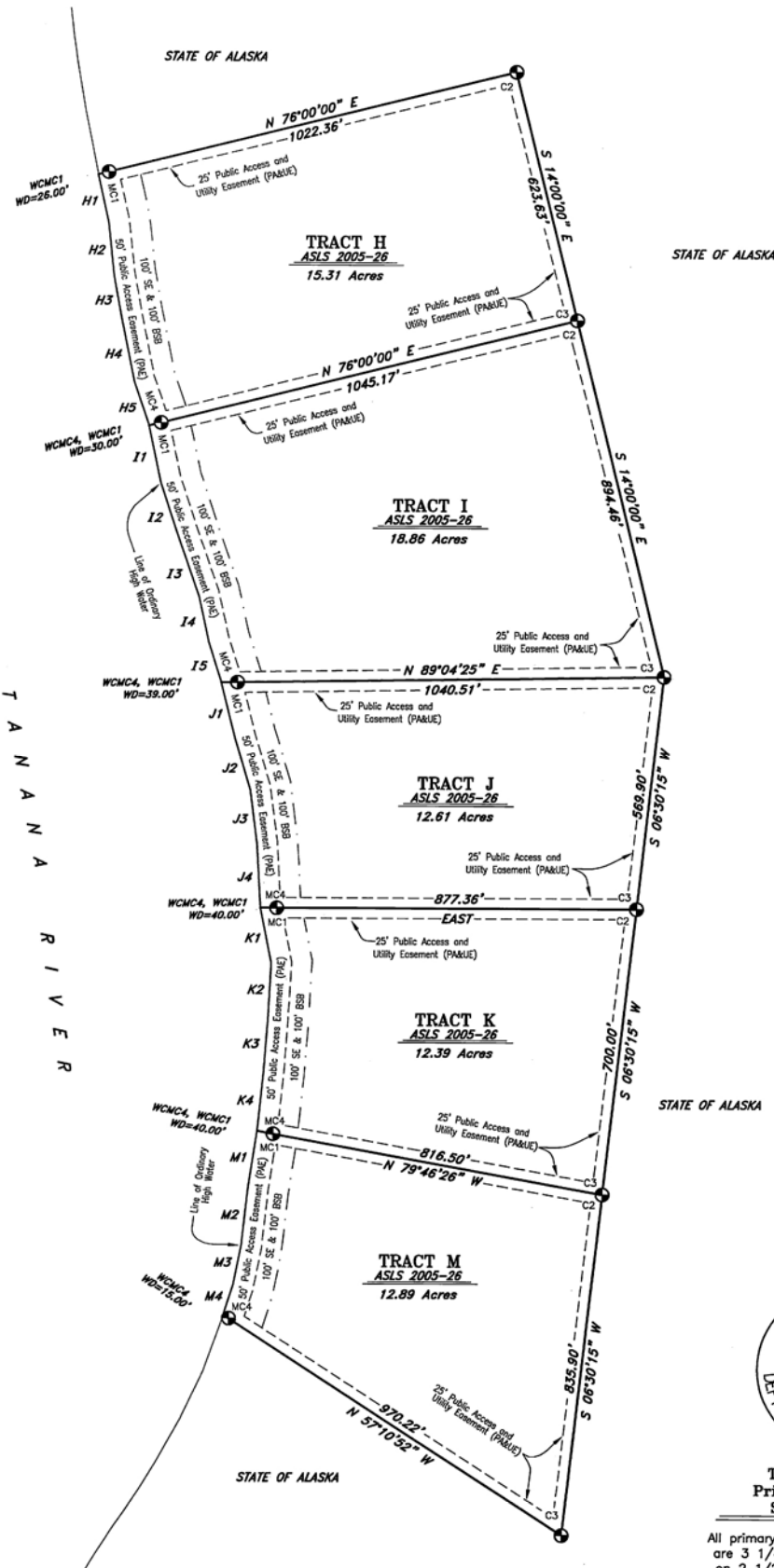
Meander Line Table

Tanana River Ordinary High Water Line

Line	Bearing	Distance
H1	S 12°18'15" E	119.40'
H2	S 06°08'24" E	129.31'
H3	S 10°18'36" E	113.64'
H4	S 11°09'15" E	150.89'
H5	S 18°42'05" E	112.46'
I1	S 12°02'10" E	144.34'
I2	S 16°24'38" E	154.27'
I3	S 19°27'56" E	135.41'
I4	S 12°40'34" E	114.79'
I5	S 17°36'33" E	102.85'
J1	S 14°01'13" E	142.87'
J2	S 16°49'22" E	128.70'
J3	S 07°15'48" E	133.97'
J4	S 03°12'51" E	154.33'
K1	S 11°29'42" E	137.71'
K2	S 03°04'25" W	131.27'
K3	S 04°18'12" W	134.52'
K4	S 06°01'51" W	144.07'
M1	S 08°41'31" W	139.94'
M2	S 06°24'48" W	140.10'
M3	S 11°13'49" W	99.39'
M4	S 17°47'44" W	77.25'

Legend

- 3 1/4" Diam. Aluminum Cap on 2 1/2" Diam.
By 30" Long Aluminum Post Primary
Monument, 5032-S, Set This Survey
- Surveyed Line
--- Easement Line
--- 100' Scenic Easement (See Note 5)
and 100' Building Setback
- 50' PAE 50' Public Access Easement Per AS 38.05.127
25' PAUE 25' Public Access and Utility Easement
100' SE 100' Scenic Easement (See Note 5)
100' BSB 100' Building Setback



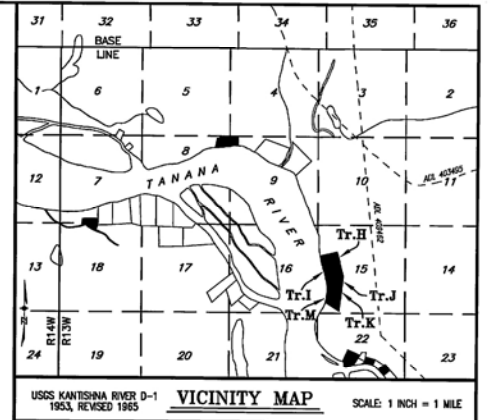
Typical Markings
Primary Monuments
Set This Survey

All primary monuments set this survey
are 3 1/4" diameter aluminum caps
on 2 1/2" diameter aluminum pipe,
30" long, set 25" to 30" in the
ground with a deep 1 magnet at
the base and a coranite witness
post adjacent to the monument.

Monument Caps And Accessories

Set This Survey

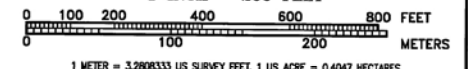
WC	10" Spruce	N 56° E	13.3'
MC	6" Spruce	S 27° E	18.4'
C.1	5" Spruce	N 27° W	10.4'
TR.H			
C.2	3" Birch	S 23° W	60.8'
TR.H	5" Birch	N 54° W	47.3'
C.2	4" Spruce	N 23° W	39.2'
TR.H			
C.3	6" Spruce	EAST	9.2'
C.2	9" Spruce	S 03° W	38.4'
TR.I	4" Spruce	S 86° W	17.6'
WC			
MC	8" Birch	S 61° E	13.3'
C.4	6" Spruce	SOUTH	16.4'
TR.I	9" Birch	N 32° W	14.4'
WC			
MC	12" Spruce	N 37° E	21.7'
C.3	6" Spruce	S 61° E	4.0'
C.1	6" Spruce	N 51° W	11.3'
TR.J			
C.3	4" Spruce	S 32° E	54.1'
C.2	5" Spruce	S 71° W	20.3'
TR.K	5" Spruce	N 32° W	37.4'
WC			
MC	14" Birch	N 87° E	15.7'
C.4	16" Birch	S 19° E	17.0'
C.1	12" Spruce	N 39° W	10.4'
TR.K			
C.3	4" Spruce	N 71° E	12.8'
C.2	12" Spruce	S 09° E	23.9'
TR.M	4" Spruce	S 82° W	13.0'
WC			
MC	7" Spruce	N 37° E	8.5'
C.4	7" Spruce	S 56° E	21.9'
C.1	12" Poplar	S 06° W	8.0'
TR.M			
C.3	6" Birch	N 74° E	15.5'
C.2	7" Spruce	S 14° E	23.3'
TR.M	10" Spruce	S 64° W	28.1'
WC			
MC	12" Spruce	N 38° E	8.0'
C.4	12" Birch	N 82° E	18.5'
C.1	11" Spruce	S 02° E	3.0'



Sheet 7 Notes

- General Notes applicable to all sheets of this survey appear on Sheet No. 1.
- Tract H ADL No. 417620, Tract I ADL No. 417621, Tract J ADL No. 417622, Tract K ADL No. 417623, and Tract M ADL 417618 are DNR administrative parcels and have no applicants.
- The natural meanders of the line of ordinary high water of the Tanana River form the true bounds of Tracts H, I, J, K and M. The approximate line of ordinary high water, as shown, is for area computations only, with the true tract corners being on the extension of the tract sidelines and their intersection with the natural meanders.
- All parcels of land owned by the State of Alaska, located within 50.00 feet of, or bisected by a surveyed or protracted section line, are subject to a 50 foot (50') easement, each side of the section line, which is reserved to the State of Alaska for public highways under A.S. 19.10.010.
- Tracts H, I, J, K and M are subject to a scenic easement. This scenic easement is defined as existing 100 feet upland from the ordinary high water line of the Tanana River. Structures are not permitted within the scenic easement. Vegetation may not be cut or removed and the landscape may not be altered within the scenic easement except: 1) within the 25 foot public access and utility easement along the remote recreational cabin site boundary lines; 2) within the 50 foot public access easement upland from the ordinary high water line of the Tanana River; 3) as required to clear and mark remote recreational cabin site boundary lines and corner posts.

SCALE
1 INCH = 200 FEET



DATE OF SURVEY: Beginning June 28, 2006 Ending July 3, 2007	NAME OF SURVEYOR: Manley Land Surveyors, Inc. P.O. Box 69 Manley Hot Springs, Alaska 99756 (907) 672-3632
STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES DIVISION OF MINING, LAND AND WATER ANCHORAGE, ALASKA	
ALASKA STATE LAND SURVEY No. 2005-26	
DUGAN HILLS REMOTE RECREATIONAL CABIN SITES Creating Tracts A Through N Located Within Protracted Sections 5, 7, 8, 9, 15, 18, 22, 23, & 27, Township 1 South, Range 13 West, Fairbanks Meridian, Alaska FAIRBANKS AND MANLEY HOT SPRINGS RECORDING DISTRICTS	
DRAWN BY: emg DATE: Sept. 4, 2007	APPROVAL RECOMMENDED: Shirley Jennings State of Alaska DATE: Sept. 4, 2007
SCALE: 1" = 200'	CHECKED: RBG FILE No. ASLS 20050026