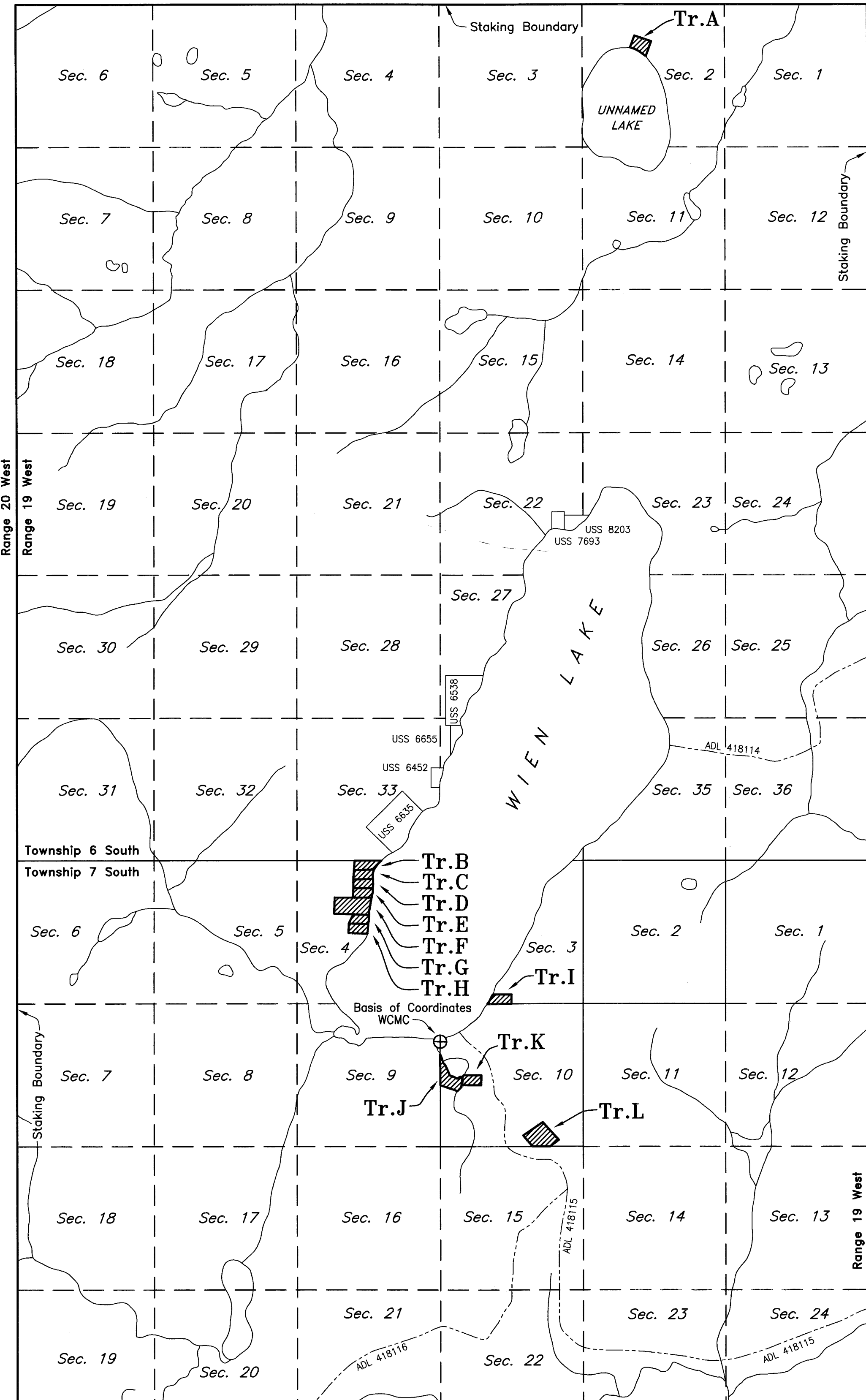


WIEN LAKE REMOTE RECREATIONAL CABIN SITES INDEX SHEET



True Meridian
 Magnetic North
 Mean Magnetic Declination
 19°04' E.
 NOAA
 November 2010

INDEX TO SHEETS

- SHEET No. 2
- TRACT A
- SHEET No. 3
- TRACTS B, C, D & E
- SHEET No. 4
- TRACTS F, G & H
- SHEET No. 5
- TRACTS I & L
- SHEET No. 6
- TRACTS J & K

TAX CERTIFICATE

This plat lies outside of any taxing authority at the time of filing.



Basis of Coordinates

Witness Corner Meander Corner
 Section 9, Section 10
 T. 7 S., R. 19 W., F.M.
 Latitude: 64°19'31.785" North
 Longitude: 151°18'59.446" West
 (NAD 1983)
 Latitude: 64°19'33.653" North
 Longitude: 151°18'50.868" West
 (NAD 1927)

The NAD 1983 coordinates for the WCMC were constrained to the National Spatial Reference System (NSRS) using CORS Stations GRNX GRNX_AKDA_AK2004, FA1 FAIRBANKS WAAS, and SUAF SURVEYORSECH UAF. The NAD83 geodetic coordinates were converted to NAD27 computed positions using Corpscon v6.0.1.

Tract Monument Tie Table

Basis of Coordinates	Bearing	Distance
WCMC1, Tract A	N 10°53'44" E	37,492.84'
WCMC1, Tract B	N 18°13'21" W	7,019.45'
WCMC1, Tract I	N 53°28'48" E	2,328.64'
Cor. 1, Tract J	S 00°06'58" E	1,254.97'
WCMC1, Tract K	S 36°58'24" E	1,554.21'
Cor. 1, Tract L	S 51°40'23" E	4,827.05'

Bearings in this table are in the Basis of Bearings of this plat. Distances provided are ground measured at an average elevation of 1,000 feet. These ties would have to be rotated clockwise by 00°04'33" and adjusted to sea level to yield geodetic azimuths and distances that would then provide continuity with the geodetic positions shown on the individual sheets of this plat. The NAD 1927 geodetic coordinates provided were converted from the NAD 1983 computed positions using Corpscon v6.0.1.

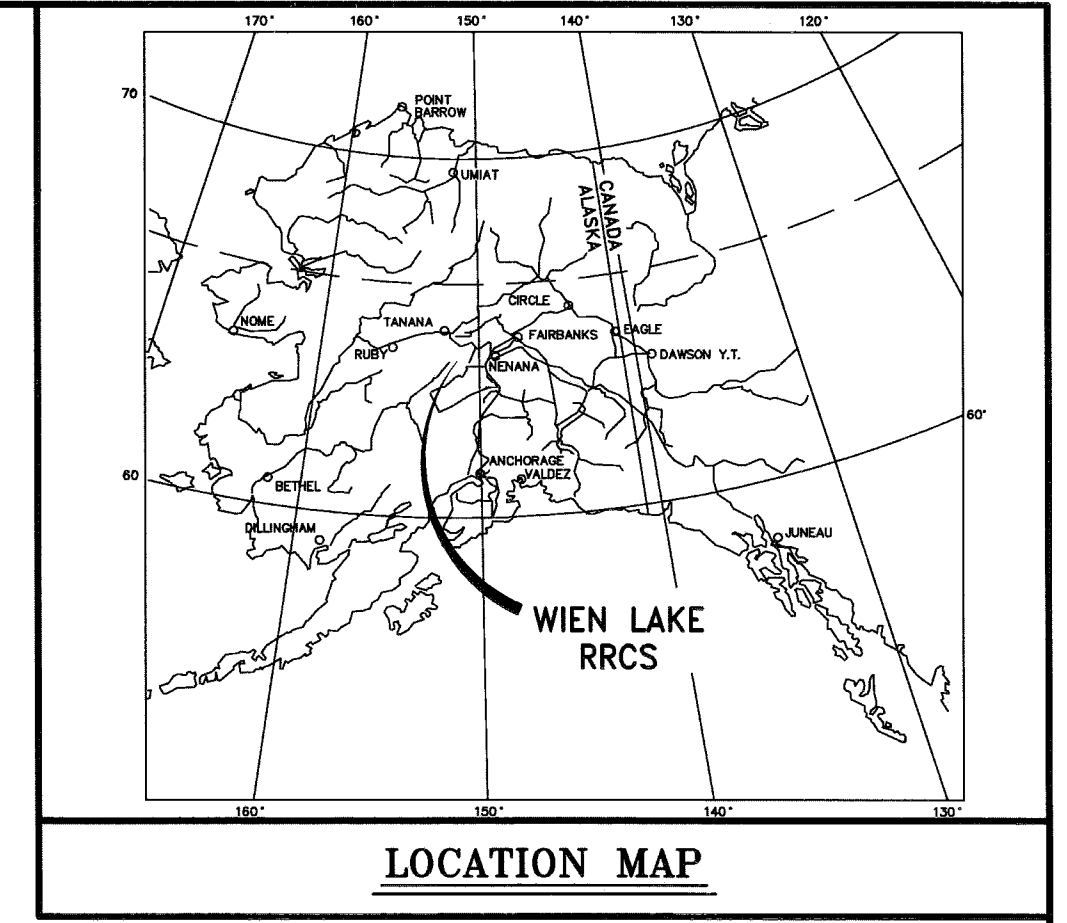
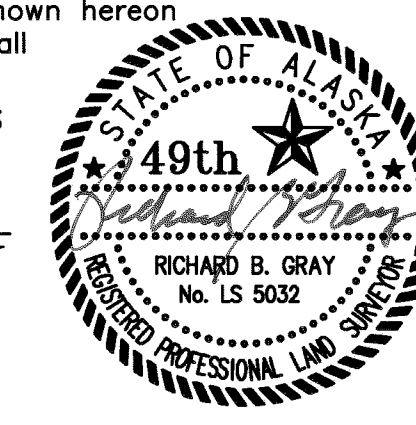
General Notes

- 1) This survey was accomplished in accordance with AS 38.05.600, GSC 764, and RRCS SI 2009-7.
- 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 U.S. Bureau of Land Management record true bearing for the monumented portion of the line between Sec. 33, T6S, R19W, and Sec. 4, T7S, R19W, FM, as shown on Sheet No. 3 of this plat. These monuments were set by the U.S. Bureau of Land Management for the survey of Township 6 South, Range 19 West, Fairbanks Meridian, Alaska between 1981 and 1986, Plat Officially filed on June 8, 1988. The orientation of individual tracts to the basis of bearings was determined by a high precision GPS survey, using JAVAD Triumph-1-G3T GPS/GLONASS receivers, differentially corrected and processed using Javad's Justin software.
- 6) The coordinates of individual tract monuments were determined by a high precision GPS survey, using JAVAD Triumph-1-G3T GPS/GLONASS receivers, differentially corrected and processed using Javad's Justin software. The NAD 1983 geodetic coordinates were converted to NAD 1927 computed positions using Corpscon v6.0.1.
- 7) Tracts are subject to a 100 foot building setback from the ordinary high water line of all streams and all other water bodies determined to be public or navigable.
- 8) Alaska State Cadastral Survey of Sections 2, 3, and 10, was recorded on October 9, 1985 as Plat No. 85-243, Fairbanks Recording District.
- 9) The trails shown on this sheet as ADL Nos. 418114, 418115, and 418116 are shown based on the Wien Lake RRCS Staking Map, along with a few rough field locations, but were not field located this survey.
- 10) 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 4-5-11 Registration No. 5032-S

Richard B. Gray, Registered Land Surveyor



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 2009-7, 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.

Date: Dec 09, 2011

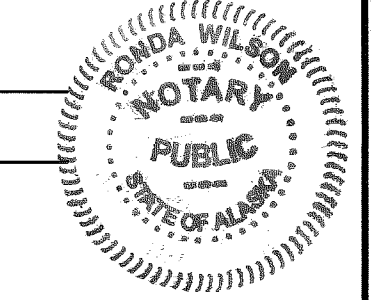
Gerald Jennings
 Director, Division of Mining, Land, and Water

NOTARY'S ACKNOWLEDGEMENT

Subscribed and sworn to before me this 9th day of December, 2011

For: Gerald Jennings

Ronda Wilson
 Notary Public for the State of Alaska
 My commission expires Jan 2012



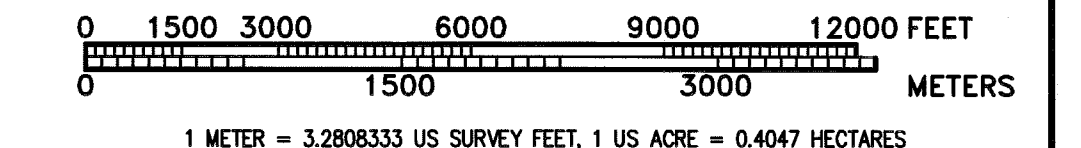
PLAT APPROVAL CERTIFICATE

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

Gerald Jennings
 Commissioner
 Date Dec 09, 2011

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, operate, maintain or manage improvements.

SCALE
1 INCH = 3000 FEET



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

DATE OF SURVEY: Beginning <u>June 16, 2010</u> Ending <u>July 1, 2010</u>	NAME OF SURVEYOR: <u>Manley Land Surveyors, Inc.</u> P.O. Box 69 Manley Hot Springs, Alaska 99756 (907) 872-3632
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STATE OF ALASKA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF MINING, LAND AND WATER
ANCHORAGE, ALASKA

ALASKA STATE LAND SURVEY No. 2009-7

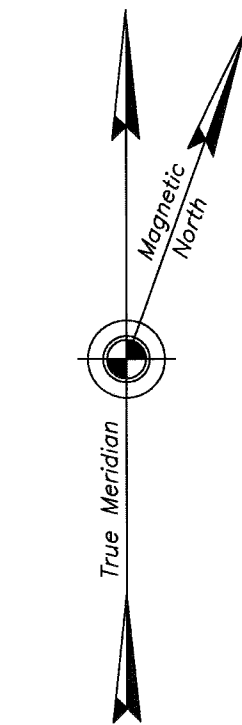
WIEN LAKE
REMOTE RECREATIONAL CABIN SITES
Creating Tracts A Through L

Located Within: Unsurveyed Section 2, T. 6 S., R. 19 W.,
Unsurveyed Section 4 & Surveyed Sections 3 & 10, T. 7 S., R. 19 W.,
Fairbanks Meridian, Alaska
 MANLEY HOT SPRINGS RECORDING DISTRICT
 AND FAIRBANKS RECORDING DISTRICT

DRAWN BY: <u>ermg</u>	APPROVAL RECOMMENDED: <u>William S. Brown for 12/9/11</u> Statewide Platting Supervisor
DATE: <u>March 2011</u>	Date
SCALE: 1" = 3000'	CHECKED: <u>RBG</u> FILE No. <u>ASLS 20090007</u>

Sheet No. 1 of 6

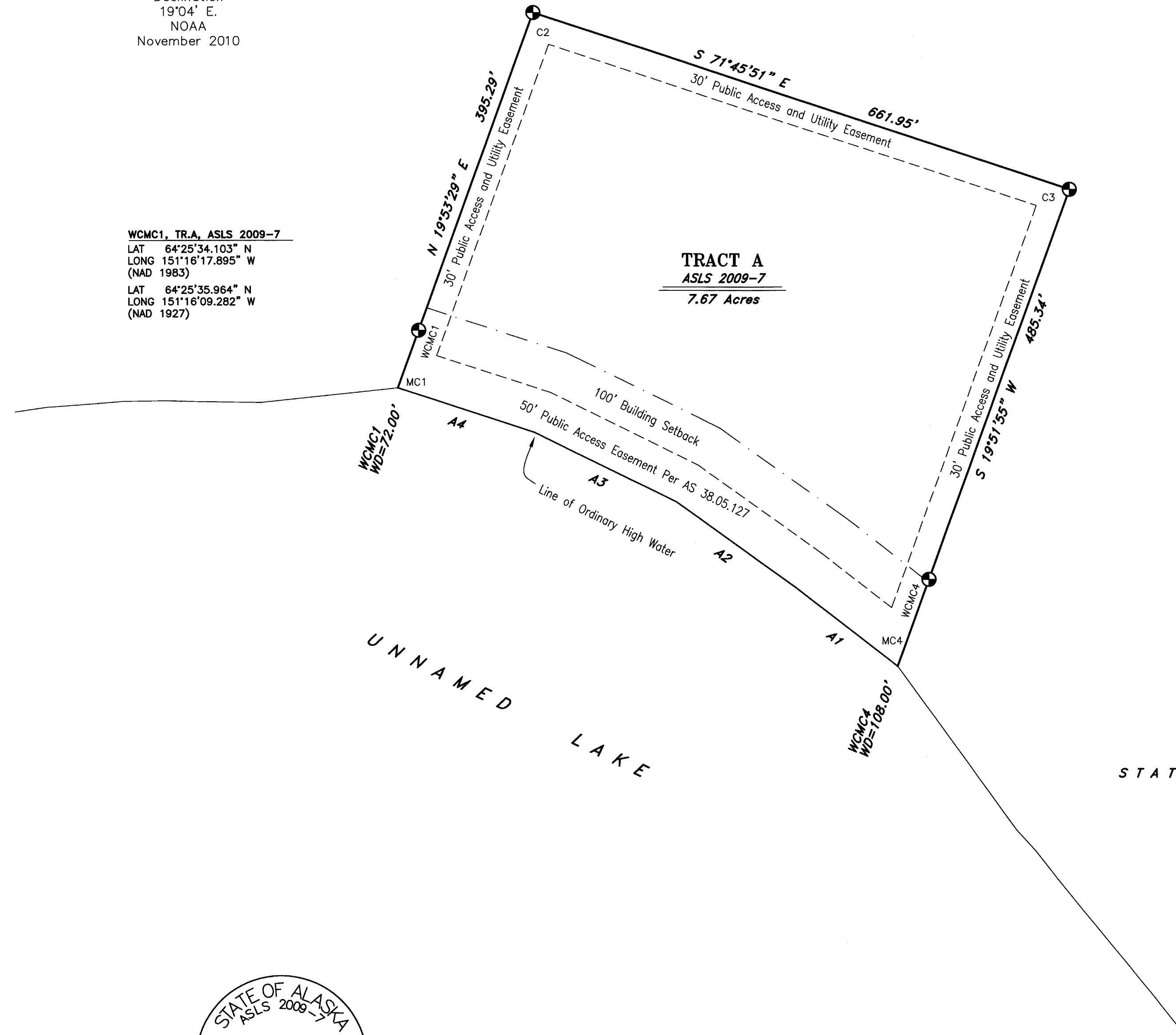
Manley Hot Springs 2011-4 Fairbanks 2011-108 page 1 of 6



Mean Magnetic Declination
19°04' E.
NOAA
November 2010

WCMC1, TR.A, ASLS 2009-7
LAT 64°25'34.103" N
LONG 151°16'17.895" W
(NAD 1983)
LAT 64°25'35.964" N
LONG 151°16'09.282" W
(NAD 1927)

STATE OF ALASKA



Meander Line Table
Unnamed Lake Ordinary High Water Line

Line	Bearing	Distance
A1	N 52°22'20" W	151.35'
A2	N 54°30'39" W	172.33'
A3	N 63°53'13" W	184.41'
A4	N 71°58'50" W	168.57'

Monument Caps And Accessories
Set This Survey

W.C.	Tree	Bearing	Distance
TR.A M.C.1	3" Aspen	NORTH	22.2'
	4" Birch	N 36° E	30.0'
	3" Aspen	N 71° E	35.1'

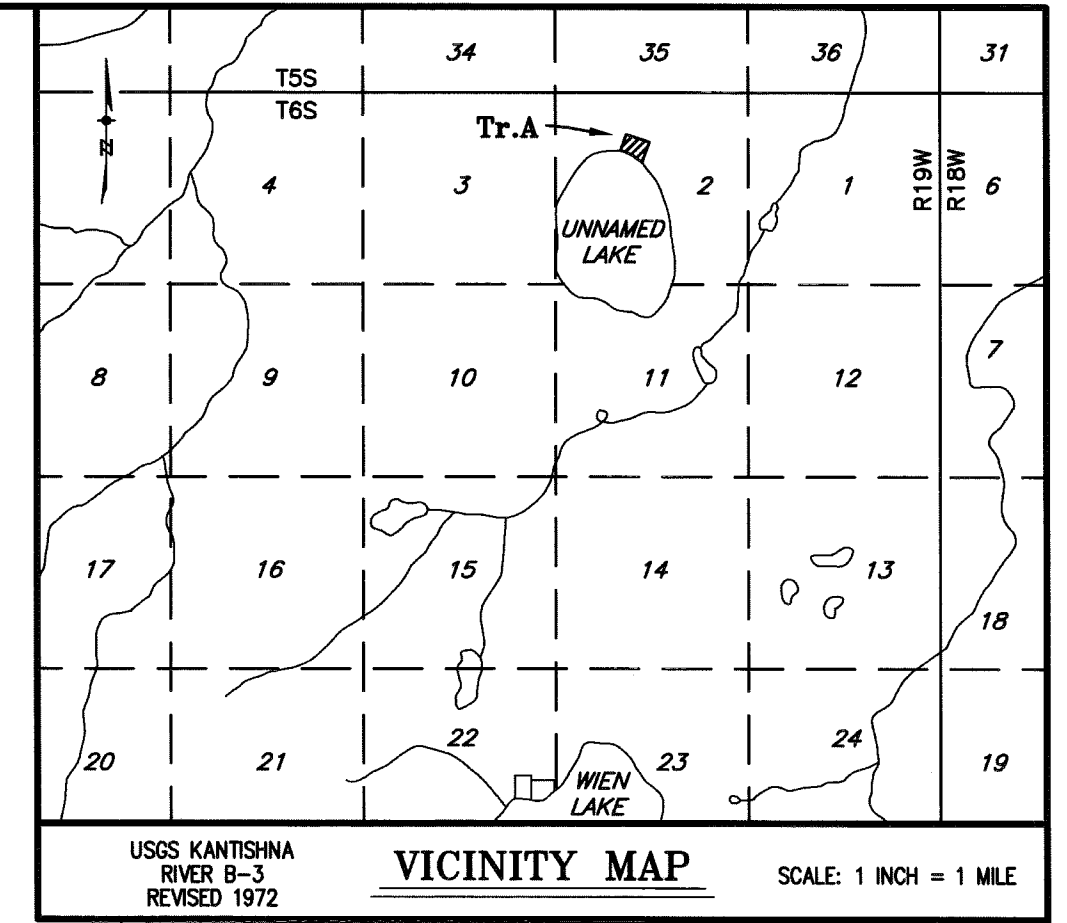
C.2 TR.A	5" Aspen	N 24° E	60.2'
	4" Birch	N 68° E	47.9'
	4" Spruce	WEST	15.5'

C.3 TR.A	4" Birch	S 63° E	27.5'
	5" Aspen	S 55° W	7.4'

W.C. TR.A M.C.4	3" Birch	N 12° E	39.2'
	3" Birch	N 76° E	54.0'
	4" Birch	S 79° E	82.0'

Sheet 2 Notes

- General Notes applicable to all sheets of this survey appear on Sheet No. 1.
- The existing lessees' claim corners were recovered and used to control the location of the boundaries of Tract A.
- The natural meanders of the line of ordinary high water of the Unnamed Lake form the true bounds of Tract A. 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.
- Tract A is subject to a 100 foot building setback from the ordinary high water line of the Unnamed Lake, all streams, and all other water bodies determined to be public or navigable.
- 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. 19.10.10.



USGS KANTISHNA RIVER 8-3 REVISED 1972
VICINITY MAP
SCALE: 1 INCH = 1 MILE

LESSEE CERTIFICATE

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

Tract A, ADL No. 418431

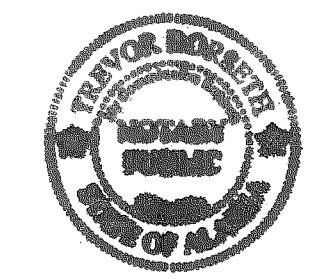
Dated: 7/28/11, 2011

Alan M. Cady
P.O. Box 55026, North Pole, Alaska 99705

NOTARY'S ACKNOWLEDGEMENT

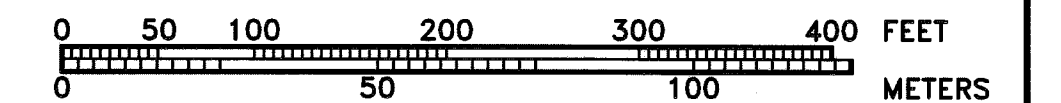
Subscribed and sworn to before me this 28th day of July, 2011.
For: Alan M. Cady Lessee

Tim Burt
Notary Public for the State of Alaska
My commission expires with office



SCALE

1 INCH = 100 FEET



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

DATE OF SURVEY: Beginning <u>June 16, 2010</u> Ending <u>July 1, 2010</u>	NAME OF SURVEYOR: <u>Manley Land Surveyors, Inc.</u> P.O. Box 69 Manley Hot Springs, Alaska 99756 (907) 672-3632
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STATE OF ALASKA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF MINING, LAND AND WATER
ANCHORAGE, ALASKA

ALASKA STATE LAND SURVEY No. 2009-7

WIEN LAKE
REMOTE RECREATIONAL CABIN SITES
Creating Tracts A Through L

Located Within: *Unsurveyed Section 2, T. 6 S., R. 19 W.,
Unsurveyed Section 4 & Surveyed Sections 3 & 10, T. 7 S., R. 19 W.,
Fairbanks Meridian, Alaska*

MANLEY HOT SPRINGS RECORDING DISTRICT
AND FAIRBANKS RECORDING DISTRICT

DRAWN BY: emg APPROVAL RECOMMENDED:
DATE: March 2011 William S. Brown for 12/2/11
Statewide Plotting Supervisor Date

SCALE: 1" = 100' CHECKED: RBC FILE No. ASLS 20090007



Typical Markings
Primary Monuments
Set This Survey

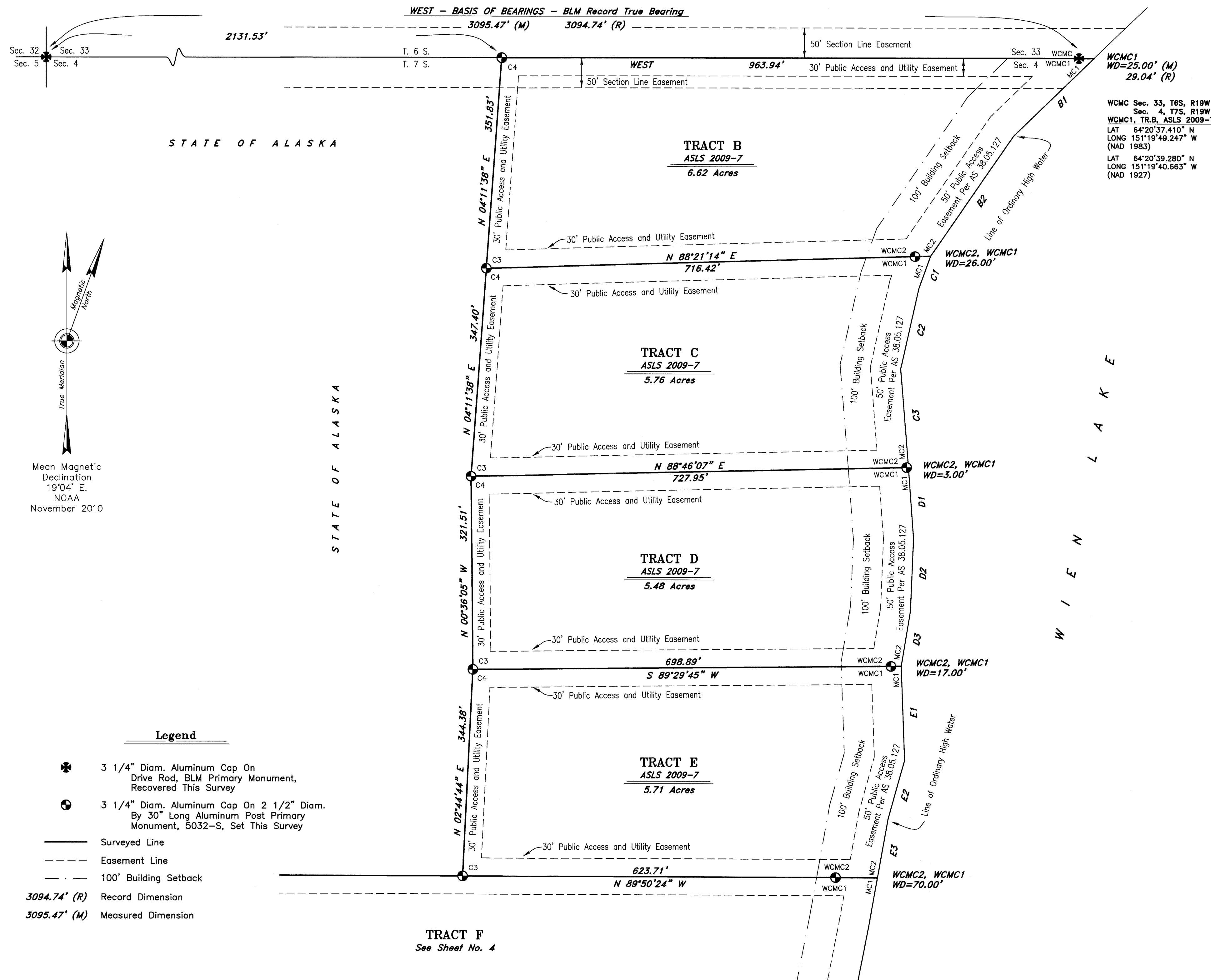
All primary monuments set this survey are 3 1/4" diameter aluminum caps on 2 1/2" diameter aluminum pipe, 30" long, set 25" to 30" in the ground with a deep 1 magnet at the base and a carsonite witness post adjacent to the monument.

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' Building Setback

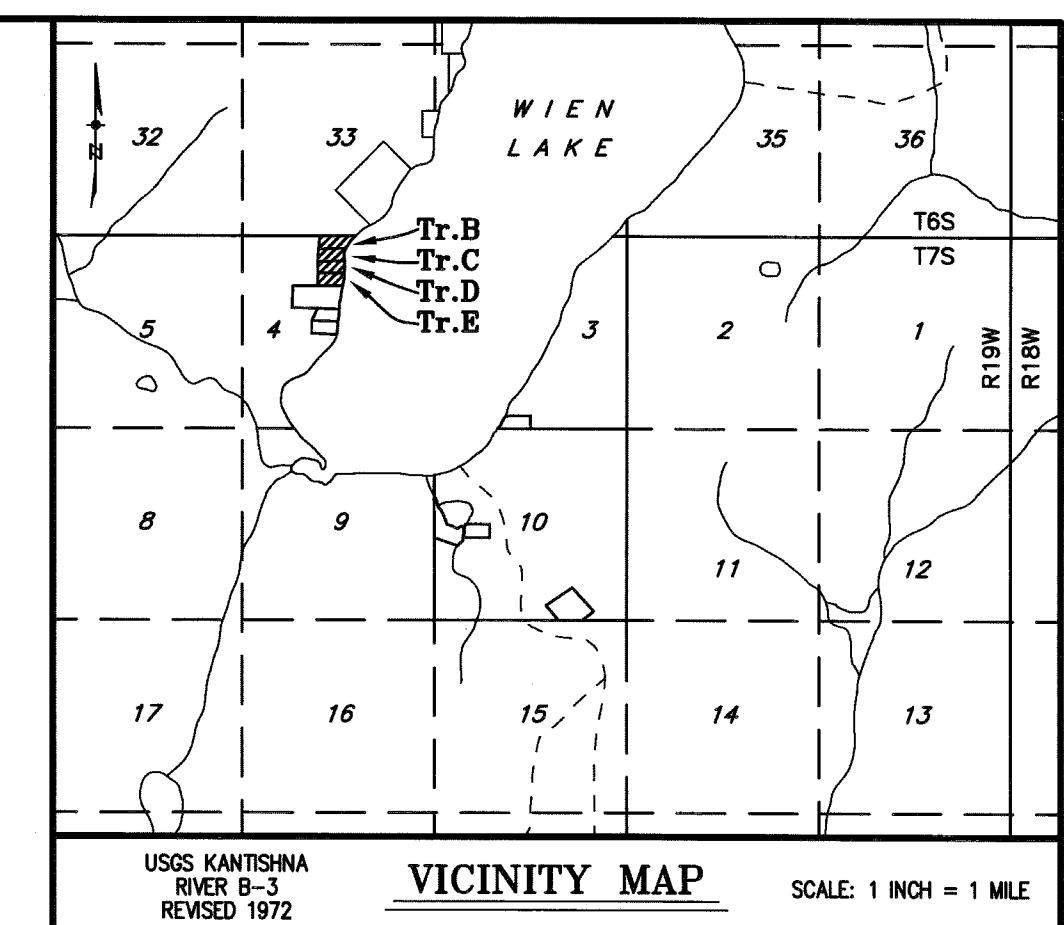
Sheet No. 2 of 6

Manley Hot Springs 2011-4 Fairbanks 2011-108 page 2 of 6



Monument Caps And Accessories
Set This Survey

Code	Monument	Bearing	Distance
W.C.	TR.B	9" Birch	NORTH 5.7'
M.C.2	TR.C	7" Birch	EAST 6.5'
M.C.1	TR.C	7" Birch	S 44° W 11.6'
TR.B	C.3	4" Spruce	S 50° E 12.4'
C.4	TR.C	7" Spruce	S 71° W 14.9'
TR.C	TR.C	5" Spruce	N 11° W 9.6'
S.33		5" Birch	N 77° E 13.9'
S.4	C.4	9" Birch	S 38° W 15.5'
TR.B		8" Birch	N 74° W 9.7'
W.C.	TR.C	8" Birch	S 21° W 22.2'
M.C.2	TR.C	6" Birch	N 80° W 38.8'
M.C.1	TR.D	5" Birch	N 18° W 50.7'
TR.C	C.3	4" Spruce	N 16° E 21.2'
C.4	TR.D	4" Spruce	S 65° E 28.1'
TR.D	TR.D	4" Spruce	S 20° W 6.7'
W.C.	TR.D	4" Birch	S 59° E 16.6'
M.C.2	TR.E	4" Spruce	S 69° W 11.4'
M.C.1	TR.E	7" Spruce	N 01° W 14.3'
TR.D	C.3	5" Spruce	S 40° E 13.7'
C.4	TR.E	4" Spruce	S 69° W 14.4'
TR.E	TR.E	5" Spruce	N 28° W 13.0'
W.C.	TR.E	5" Spruce	N 06° E 29.4'
M.C.2	TR.F	5" Birch	S 51° W 40.0'
M.C.1	TR.F	7" Spruce	N 68° W 15.5'
TR.E	C.3	7" Spruce	N 32° E 16.5'
TR.F	TR.F	7" Spruce	S 55° E 10.6'
		5" Spruce	S 49° W 6.8'



LESSEE CERTIFICATE

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

Tract D, ADL No. 418257

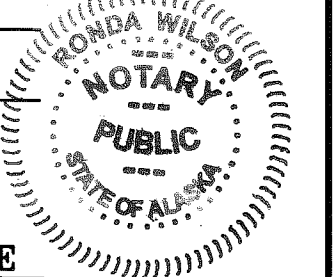
Dated: 9-20-2011, 2011

Todd R. Guthrie
P.O. Box 220949, Anchorage, Alaska 99522

NOTARY'S ACKNOWLEDGEMENT

Subscribed and sworn to before me this 20th day of September, 2011.
For: Todd R. Guthrie
Lessee

Ronda Wilson
Notary Public for the State of Alaska
My commission expires with office



LESSEE CERTIFICATE

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

Tract E, ADL No. 418256

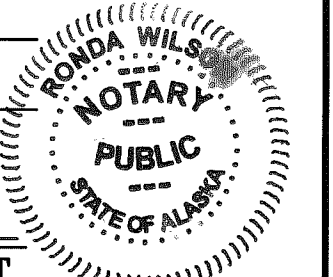
Dated: 9/20, 2011

Richard A. Guthrie
Richard A. Guthrie
P.O. Box 220949, Anchorage, Alaska 99522

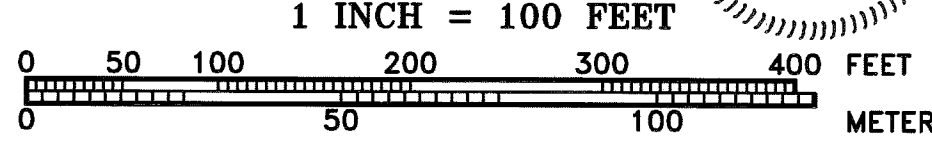
NOTARY'S ACKNOWLEDGEMENT

Subscribed and sworn to before me this 20th day of September, 2011.
For: Richard A. Guthrie
Lessee

Ronda Wilson
Notary Public for the State of Alaska
My commission expires with office



SCALE



DATE OF SURVEY: Beginning <u>June 16, 2010</u> Ending <u>July 1, 2010</u>	NAME OF SURVEYOR: <u>Manley Land Surveyors, Inc.</u> P.O. Box 69 Manley Hot Springs, Alaska 99756 (907) 672-3632
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STATE OF ALASKA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF MINING, LAND AND WATER
ANCHORAGE, ALASKA

ALASKA STATE LAND SURVEY No. 2009-7

WIEN LAKE
REMOTE RECREATIONAL CABIN SITES
Creating Tracts A Through L

Located Within: Unsurveyed Section 2, T. 6 S., R. 19 W., Unsurveyed Section 4 & Surveyed Sections 3 & 10, T. 7 S., R. 19 W., Fairbanks Meridian, Alaska

MANLEY HOT SPRINGS RECORDING DISTRICT AND FAIRBANKS RECORDING DISTRICT

DRAWN BY: erng APPROVAL RECOMMENDED: W. Wilson Date: 12/3/11
DATE: March 2011 CHECKED: RBG FILE No. ASLS 20090007

Sheet No. 3 of 6

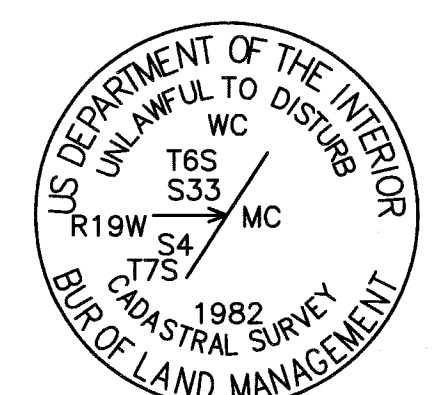
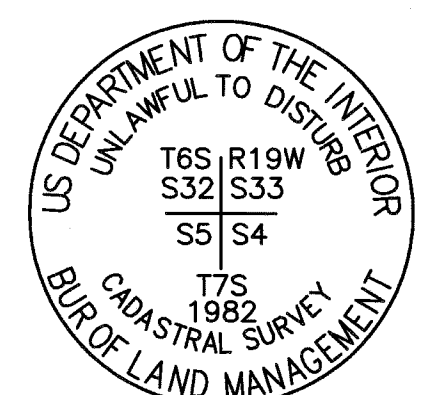
Legend

- 3 1/4" Diam. Aluminum Cap On Drive Rod, BLM Primary Monument, 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' Building Setback
- 3094.74' (R) Record Dimension
- 3095.47' (M) Measured Dimension



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

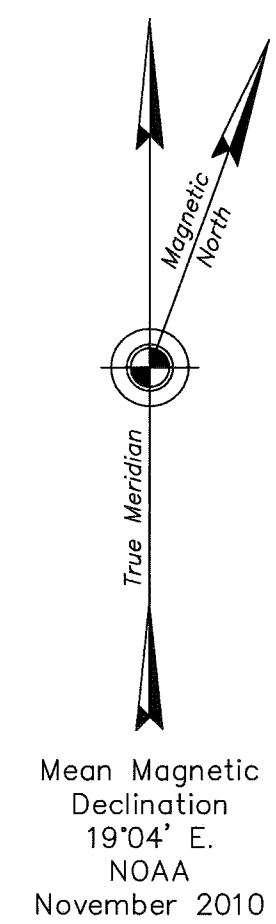
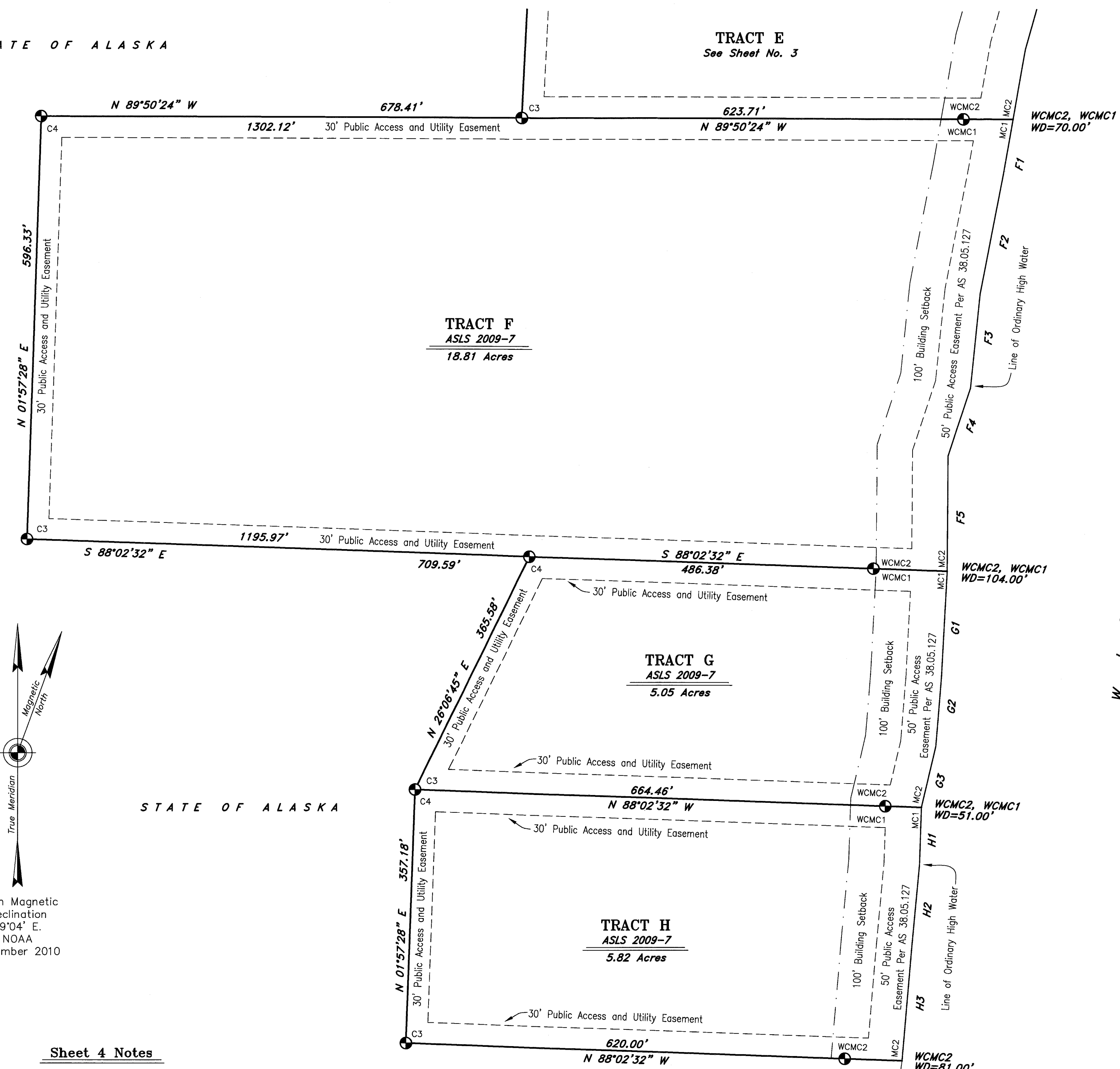
4" Spruce	N 58° E	20.8'
6" Spruce	S 62°30' E	23.8'
3/4" Alum. Rod w/ Orange Triangle Marker	WEST	6.6'

(Existing Record Information Reported)

Meander Line Table
Wien Lake Ordinary High Water Line

Line	Bearing	Distance
B1	S 46°02'17" W	186.11'
B2	S 34°40'20" W	243.63'
C1	S 19°52'48" W	57.96'
C2	S 12°44'47" W	136.78'
C3	S 04°34'50" E	164.70'
D1	S 04°06'48" E	118.78'
D2	S 02°18'31" W	121.09'
D3	S 09°25'55" W	92.69'
E1	S 02°09'16" E	157.06'
E2	S 15°40'38" W	100.88'
E3	S 09°59'41" W	99.66'

STATE OF ALASKA



STATE OF ALASKA

Sheet 4 Notes

- General Notes applicable to all sheets of this survey appear on Sheet No. 1.
- The existing lessees' claim corners were recovered and used to control the location of the boundaries of Tract G.
- There are no lessees for Tract F, ADL 418478 and Tract H, ADL 418463.
- The natural meanders of the line of ordinary high water of Wien Lake form the true bounds of Tracts F, G and H. 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.
- Tracts F, G and H are subject to a 100 foot building setback from the ordinary high water line of Wien Lake, all streams, and all other water bodies determined to be public or navigable.
- 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.



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.

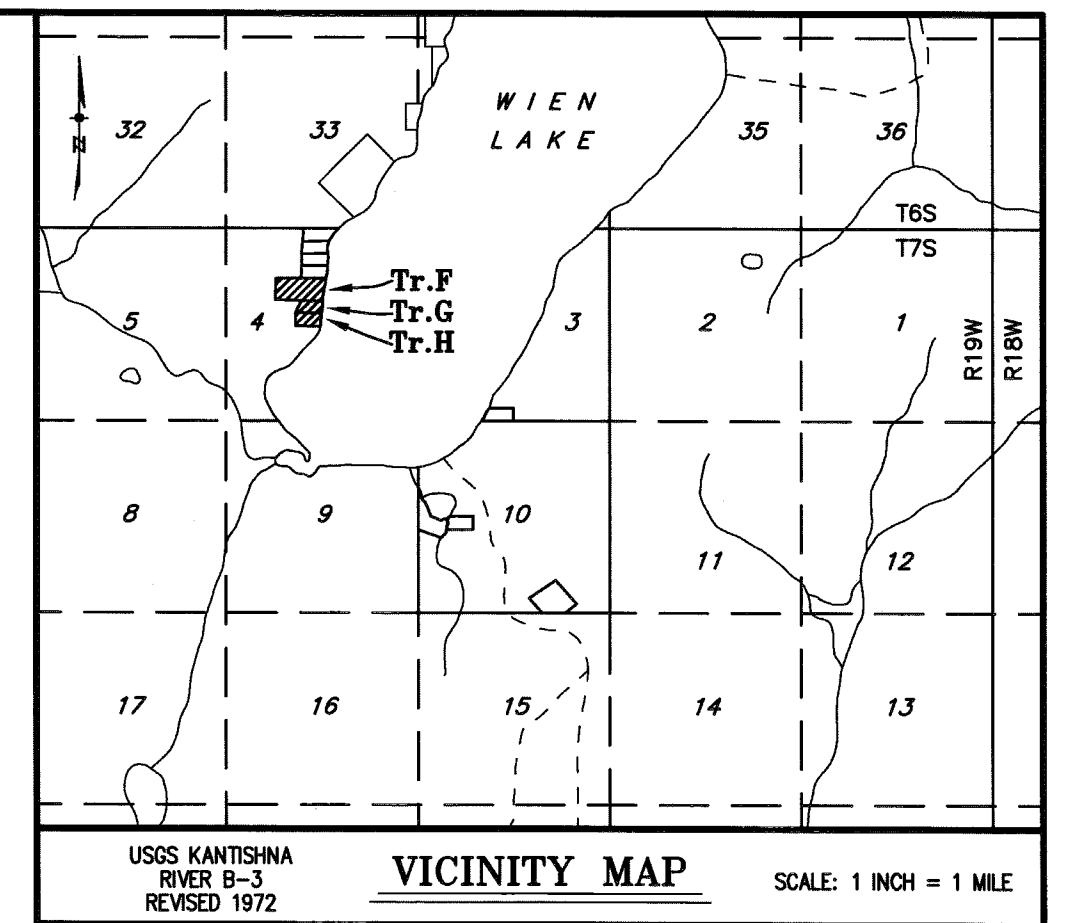
- Legend**
- 3 1/4" Diam. Aluminum Cap On 2 1/2" Diam. By 30" Long Aluminum Post Primary Monument, 5032-S, Set This Survey
 - Surveyed Line
 - - - - Easement Line
 - - - - 100' Building Setback

Monument Caps And Accessories Set This Survey

W.C.			
TR.E	5" Spruce	N 06° E	29.4'
M.C.2	5" Birch	S 51° W	40.0'
M.C.1	7" Spruce	N 68° W	15.5'
TR.F			
W.C.			
TR.F	6" Spruce	N 52° E	20.9'
M.C.2	4" Spruce	S 03° E	2.1'
M.C.1	5" Spruce	N 36° W	17.7'
TR.G			
TR.F	4" Spruce	N 79° E	13.9'
C.4	3" Spruce	S 04° E	6.3'
TR.G	5" Spruce	N 05° W	3.6'
TR.F			
C.3	9" Spruce	N 36° E	12.3'
	11" Spruce	S 24° E	14.6'
	8" Birch	N 72° W	13.6'
TR.F			
C.4	6" Spruce	N 57° E	27.9'
TR.F	5" Spruce	S 14° E	14.7'
	5" Spruce	N 55° W	22.6'
TR.E			
C.3	7" Spruce	N 32° E	16.5'
TR.F	7" Spruce	S 55° E	10.6'
	5" Spruce	S 49° W	6.8'
W.C.			
TR.G	6" Spruce	N 16° E	20.7'
M.C.2	5" Spruce	SOUTH	21.5'
M.C.1	6" Spruce	S 67° W	22.8'
TR.H			
TR.G	4" Spruce	N 14° E	34.5'
C.3	3" Spruce	S 34° E	6.2'
C.4	5" Spruce	S 83° W	10.0'
TR.H			
W.C.			
TR.H	5" Spruce	N 03° E	39.0'
M.C.2	4" Spruce	S 05° W	8.5'
	5" Spruce	N 68° W	5.8'
TR.H			
C.3	3" Spruce	N 84° E	19.6'
	3" Spruce	S 32° W	23.5'
	3" Spruce	N 73° W	48.7'

Meander Line Table Wien Lake Ordinary High Water Line

Line	Bearing	Distance
F1	S 10°00'10" W	80.40'
F2	S 11°06'16" W	169.38'
F3	S 05°55'15" W	134.14'
F4	S 18°16'29" W	100.74'
F5	S 00°26'41" W	162.10'
G1	S 03°02'20" W	149.57'
G2	S 04°36'40" W	97.66'
G3	S 13°11'24" W	88.17'
H1	S 01°50'16" W	80.06'
H2	S 05°16'24" W	114.19'
H3	S 04°46'19" W	163.32'



LESSEE CERTIFICATE

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

Tract G, ADL No. 418550

Dated: 7/29/2011, 2011

William J. Russel
P.O. Box 81041, Fairbanks, Alaska 99708

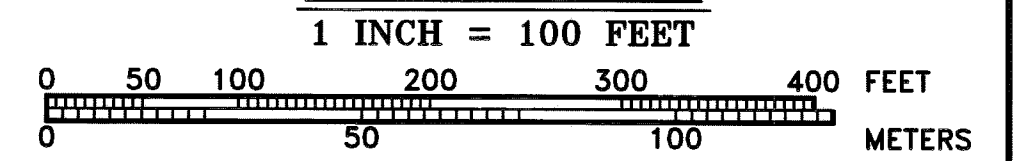
NOTARY'S ACKNOWLEDGEMENT

Subscribed and sworn to before me this 29th day of JULY, 2011

For: WILLIAM J. RUSSELL, Lessee

Notary Public for the State of Alaska
My commission expires WITH OFFICE

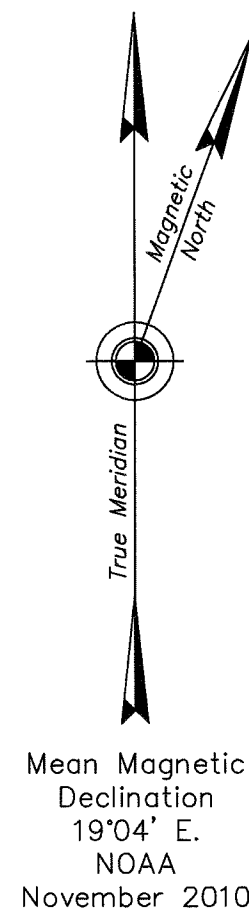
SCALE



DATE OF SURVEY: Beginning June 16, 2010 Ending July 1, 2010	NAME OF SURVEYOR: Manley Land Surveyors, Inc. P.O. Box 69 Manley Hot Springs, Alaska 99756 (907) 872-3632
STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES DIVISION OF MINING, LAND AND WATER ANCHORAGE, ALASKA	
ALASKA STATE LAND SURVEY No. 2009-7	
WIEN LAKE REMOTE RECREATIONAL CABIN SITES Creating Tracts A Through L Located Within: Unsurveyed Section 2, T. 6 S., R. 19 W., Unsurveyed Section 4 & Surveyed Sections 3 & 10, T. 7 S., R. 19 W., Fairbanks Meridian, Alaska	
MANLEY HOT SPRINGS RECORDING DISTRICT AND FAIRBANKS RECORDING DISTRICT	
DRAWN BY: emg DATE: March 2011	APPROVAL RECOMMENDED: William J. Russel for 12/3/11 Statewide Picturing Supervisor Date
SCALE: 1" = 100'	CHECKED: RBG FILE No. ASLS 20090007

Sheet 5 Notes

- General Notes applicable to all sheets of this survey appear on Sheet No. 1.
- The existing lessees' claim corners were recovered and used to control the location of the boundaries of Tracts I and L.
- The natural meanders of the line of ordinary high water of Wien Lake form the true bounds of Tract I. 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.
- Tract I is subject to a 100 foot building setback from the ordinary high water line of Wien Lake, all streams, and all other water bodies determined to be public or navigable.
- 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.



**Typical Markings
Secondary Monuments
Set This Survey**

All reference monuments (RM) set this survey consist of a 2" diameter aluminum cap on a 36" long No. 5 Rebar



**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.

Legend

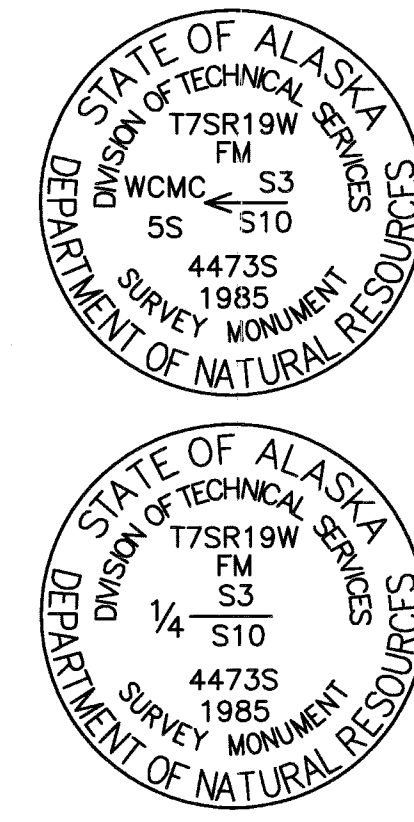
- ⊕ 3 1/4" Diam. Aluminum Cap On Aluminum Post Or Driven Aluminum Rod Primary Monument, 4473-S, Recovered This Survey
 - ⊙ 3 1/4" Diam. Aluminum Cap On 2 1/2" Diam. By 30" Long Aluminum Post Primary Monument, 5032-S, Set This Survey
 - Surveyed Line
 - - - Easement Line
 - - - 100' Building Setback
- 2640.00'(R) Record Dimension Per Plat No. 85-243, FRD, See Note No. 8, On Sheet No. 1
- 2640.32'(M) Measured Dimension

Meander Line Table

Wien Lake Ordinary High Water Line

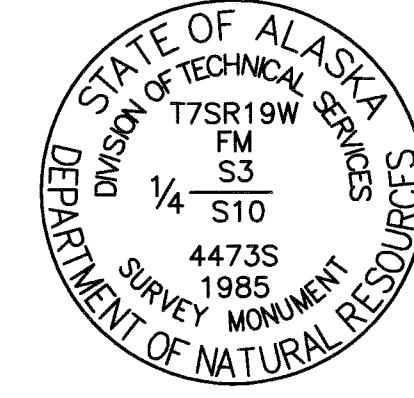
Line	Bearing	Distance
11	N 38°00'00" E	123.00'
12	N 23°52'24" E	172.21'
13	N 34°00'00" E	117.00'

**Monument Caps
Recovered This Survey**



4" Birch N 51° E 56.6'
5" Spruce S 48° E 25.7'
5" Spruce WEST 51.2'

Accessories Established This Survey



1/4 S.3 S.10 RM 10.FT
1/4 S.3 S.10 RM 10.FT

N 00°02'52" W 10.0'
S 89°57'08" W 10.0'

Accessories Established This Survey

**Monument Caps And Accessories
Set This Survey**

W.C.
M.C. 2/TR.I

3" Spruce N 73° E 26.0'
6" Spruce S 47° E 22.1'
3" Spruce S 18° W 24.4'

C.3 TR.I RM 10.FT
C.3 TR.I RM 10.FT

S 00°02'52" E 10.0'
S 89°57'08" W 10.0'

**Monument Caps And Accessories
Set This Survey**

C.1 TR.L

10" Birch S 68° E 101.0'
3" Birch S 48° W 39.9'
5" Birch N 25° W 88.3'

C.2 TR.L

6" Spruce N 34° E 25.5'
4" Spruce S 16° W 45.3'
5" Spruce N 53° W 63.5'

TR.L C.3 S.10 S.15

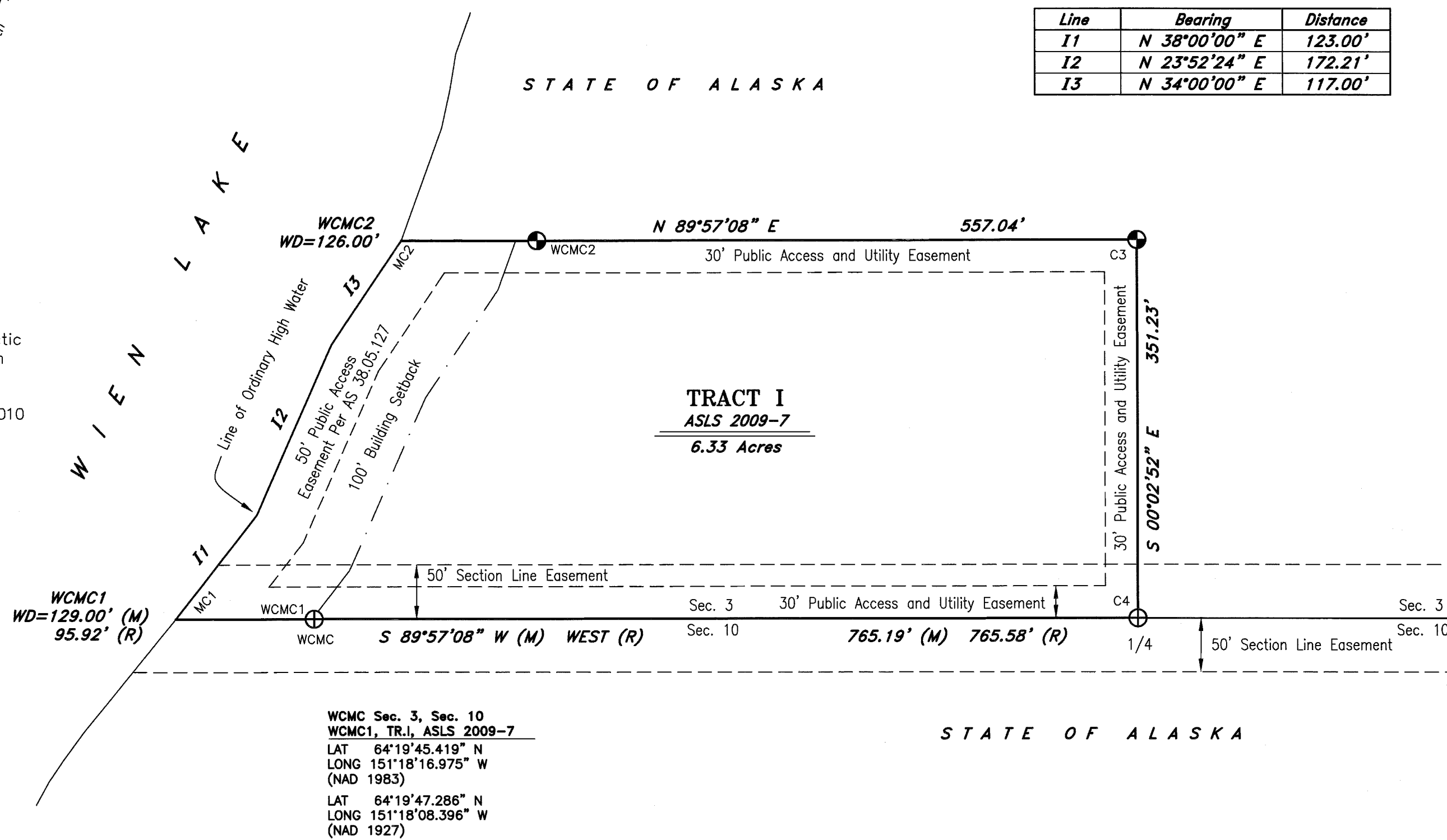
5" Spruce S 52° E 12.3'
7" Spruce S 53° W 36.0'
7" Spruce N 24° W 43.4'

TR.L C.4 S.10 S.15

3" Birch N 49° E 19.3'
2" Birch S 36° W 60.1'
2" Birch N 41° W 32.0'

C.5 TR.L

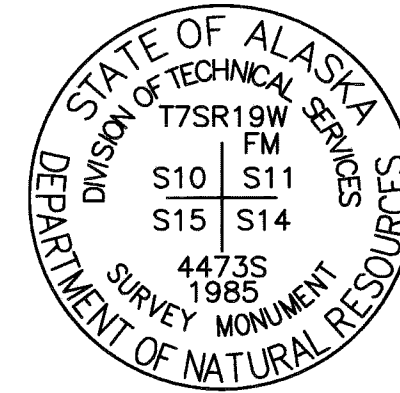
3" Aspen N 43° E 24.0'
3" Aspen S 19° W 11.1'
3" Aspen N 21° W 24.8'



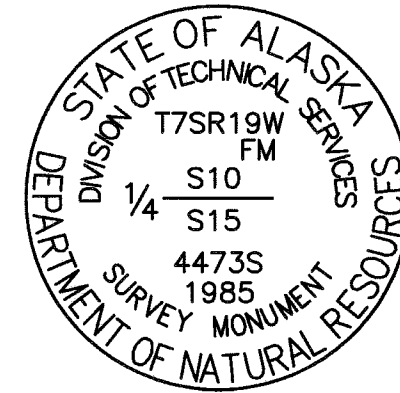
WCMC Sec. 3, Sec. 10
WCMC1, TR.I, ASLS 2009-7
LAT 64°19'45.419" N
LONG 151°18'16.975" W
(NAD 1983)
LAT 64°19'47.286" N
LONG 151°18'08.396" W
(NAD 1927)

STATE OF ALASKA

C1, TR.L, ASLS 2009-7
LAT 64°19'02.308" N
LONG 151°17'33.573" W
(NAD 1983)
LAT 64°19'04.173" N
LONG 151°17'24.998" W
(NAD 1927)



**Monument Caps
Recovered This Survey**



**Monument Caps And Accessories
Set This Survey**

C.1 TR.L

10" Birch S 68° E 101.0'
3" Birch S 48° W 39.9'
5" Birch N 25° W 88.3'

C.2 TR.L

6" Spruce N 34° E 25.5'
4" Spruce S 16° W 45.3'
5" Spruce N 53° W 63.5'

TR.L C.3 S.10 S.15

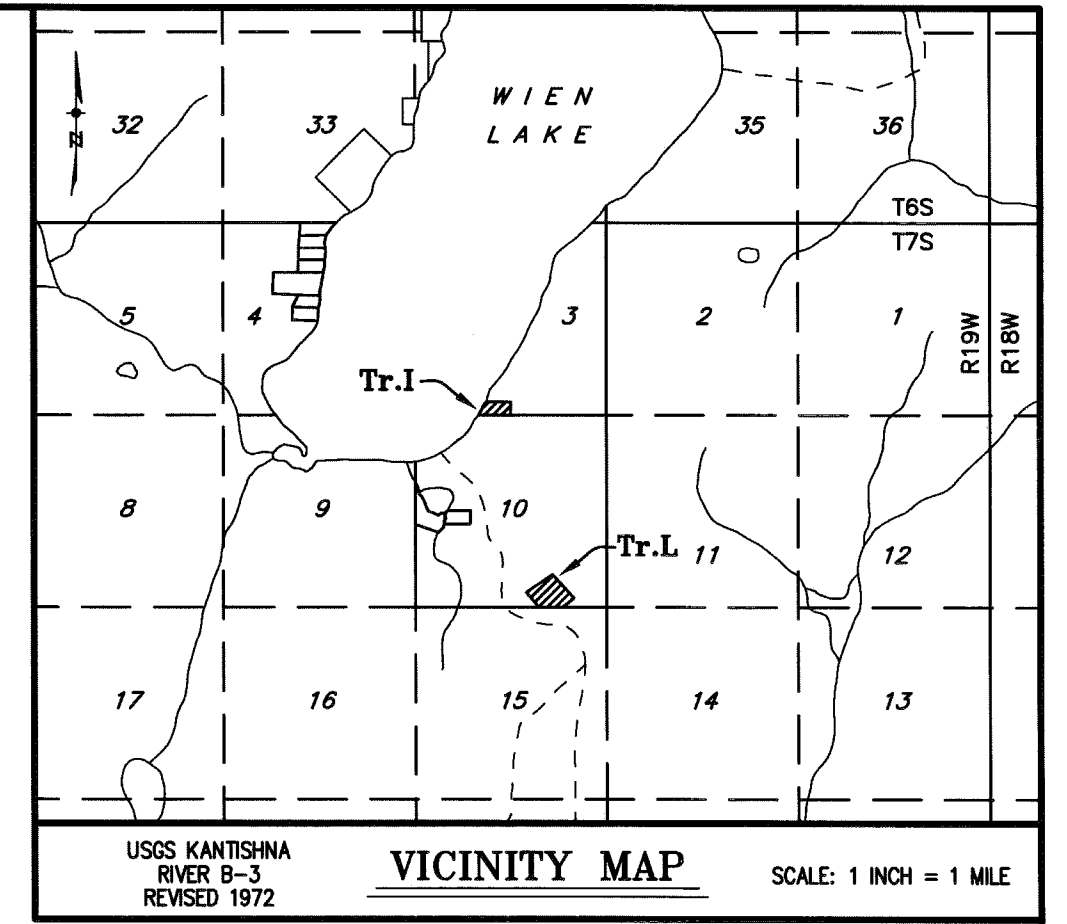
5" Spruce S 52° E 12.3'
7" Spruce S 53° W 36.0'
7" Spruce N 24° W 43.4'

TR.L C.4 S.10 S.15

3" Birch N 49° E 19.3'
2" Birch S 36° W 60.1'
2" Birch N 41° W 32.0'

C.5 TR.L

3" Aspen N 43° E 24.0'
3" Aspen S 19° W 11.1'
3" Aspen N 21° W 24.8'



USGS KANTISHNA RIVER 8-3 REVISED 1972
VICINITY MAP
SCALE: 1 INCH = 1 MILE

LESSEE CERTIFICATE

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

Tract I, ADL No. 418258

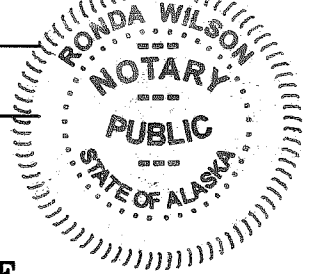
Dated: 12/08, 2011

Olga V. Ipatova
2925 Red Currant Circle, Anchorage, Alaska 99507

NOTARY'S ACKNOWLEDGEMENT

Subscribed and sworn to before me this 8th day of December, 2011.
For: Olga V. Ipatova, Lessee

Notary Public for the State of Alaska
My commission expires 12/31/12



LESSEE CERTIFICATE

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

Tract L, ADL No. 418549

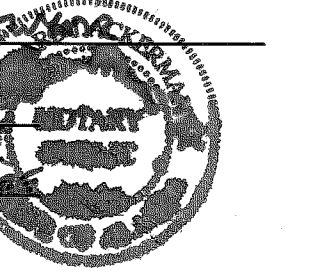
Dated: 8/8/11, 2011

Patrick O. Bartolatz-Sawyer
P.O. Box 80947, Fairbanks, Alaska 99708

NOTARY'S ACKNOWLEDGEMENT

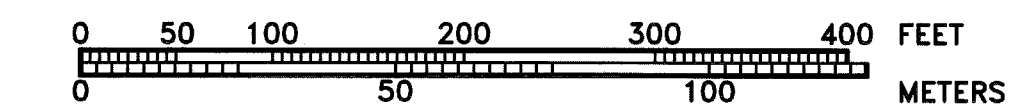
Subscribed and sworn to before me this 8th day of August, 2011.
For: Patrick O. Bartolatz-Sawyer, Lessee

Notary Public for the State of Alaska
My commission expires 12/31/12



SCALE

1 INCH = 100 FEET



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

DATE OF SURVEY: Beginning June 16, 2010 Ending July 1, 2010	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. 2009-7

**WIEN LAKE
REMOTE RECREATIONAL CABIN SITES**
Creating Tracts A Through L
Located Within: Unsurveyed Section 2, T. 6 S., R. 19 W.,
Unsurveyed Section 4 & Surveyed Sections 3 & 10, T. 7 S., R. 19 W.,
Fairbanks Meridian, Alaska
MANLEY HOT SPRINGS RECORDING DISTRICT
AND FAIRBANKS RECORDING DISTRICT

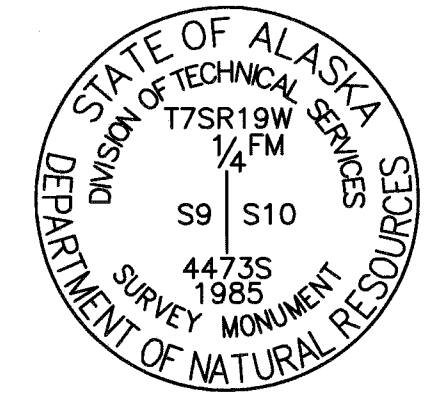
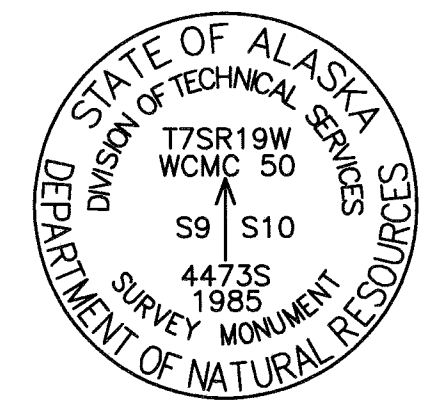
DRAWN BY: emg
DATE: March 2011
APPROVAL RECOMMENDED: Williams S. Brown, Feb 12/2/11
Statewide Platting Supervisor

SCALE: 1" = 100'
CHECKED: RBG
FILE No. ASLS 20090007

Sheet No. 5 of 6

Manley Hot Springs 2011-4 Fairbanks 2011-108 page 5 of 6

**Monument Caps
Recovered This Survey**

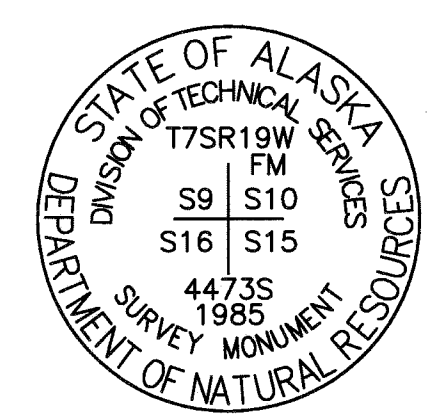


1/4 S.9 | S.10
RM 10.0 FT RM 10.0 FT

N 00°06'58" W S 00°05'03" E
10.0' 10.0'

Accessories Established
This Survey

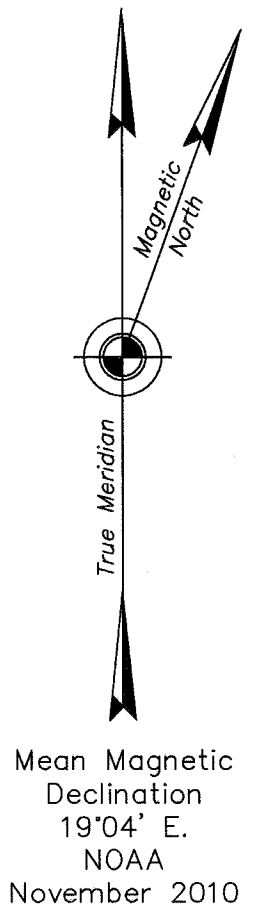
1/4 Cor. Sec. 9, Sec. 10
C1, TR.J, ASLS 2009-7
LAT 64°19'19.434" N
LONG 151°18'59.395" W
(NAD 1983)
LAT 64°19'21.302" N
LONG 151°18'50.819" W
(NAD 1927)



1/4 S.9 | S.10
RM 10.0 FT RM 10.0 FT

N 00°06'58" W S 00°05'03" E
10.0' 10.0'

BASIS OF COORDINATES
WCMC Sec. 9, Sec. 10
LAT 64°19'31.785" N
LONG 151°18'59.446" W
(NAD 1983)
LAT 64°19'33.653" N
LONG 151°18'50.888" W
(NAD 1927)
(See Sheet No. 1 for
Additional Information)



Meander Line Table
Unnamed Lake and Unnamed Creeks
Ordinary High Water Line

Line	Bearing	Distance
J1	S 20°57'28" E	130.24'
J2	S 19°24'59" E	190.64'
J3	S 42°17'31" E	101.10'
J4	S 26°39'49" E	138.25'
J5	S 22°21'29" E	146.91'
J6	S 21°57'53" E	142.24'
J7	S 68°52'43" E	174.12'
J8	S 62°30'50" E	133.89'
J9	N 54°21'24" E	104.76'
J10	N 80°09'59" E	60.25'
J11	S 22°47'34" E	31.99'
J12	S 24°17'04" E	48.27'
J13	S 00°36'58" W	98.43'
J14	S 08°01'54" W	73.65'
J15	S 11°37'45" W	67.55'
J16	S 03°51'06" W	87.95'
J17	S 43°50'50" W	125.49'
J18	S 47°31'45" W	71.16'
K1	N 03°27'58" E	97.91'
K2	N 14°22'02" E	75.32'
K3	N 15°38'40" W	68.32'
K4	N 12°56'20" E	59.70'
K5	N 25°08'51" E	76.75'

**Typical Markings
Secondary Monuments
Set This Survey**

All reference monuments (RM) set this survey consist of a 2" diameter aluminum cap on a 36" long No. 5 Rebar

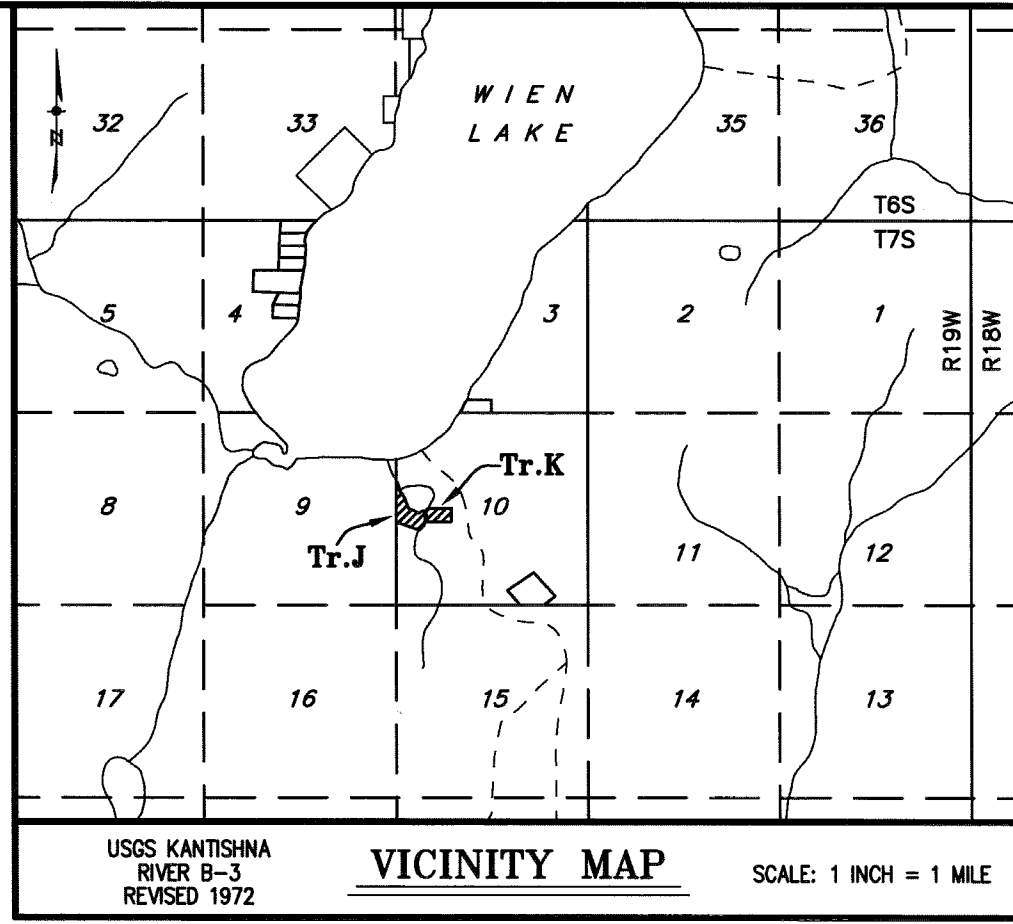
WCMC1, TR.K, ASLS 2009-7
LAT 64°19'19.562" N
LONG 151°18'38.247" W
(NAD 1983)
LAT 64°19'21.430" N
LONG 151°18'29.670" W
(NAD 1927)

**Monument Caps And Accessories
Set This Survey**

W.C. M.C.2 TR.J S.9 S.10	W.C.M.C.2 TR.J RM 10.0 FT	W.C.M.C.2 TR.J RM 10.0 FT
W.C. M.C.3 TR.J S.9 S.10	W.C.M.C.3 TR.J RM 6.0 FT	W.C.M.C.3 TR.J RM 12.0 FT
W.C. C.4 TR.J S.9 S.10	W.C.M.C.1 TR.K RM 10.0 FT	W.C.M.C.1 TR.K RM 12.0 FT
W.C. C.2 TR.K S.9 S.10	W.C.M.C.4 TR.K RM 6.0 FT	W.C.M.C.4 TR.K RM 12.0 FT

- Legend**
- ⊕ 3 1/4" Diam. Aluminum Cap On Aluminum Post Primary Monument, 4473-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' Building Setback
 - - - Tie

2640.00'(R) Record Dimension Per Plat No. 85-243, FRD, See Note No. 8, On Sheet No. 1
2639.00'(M) Measured Dimension
817.57'(C) Computed Dimension



LESSEE CERTIFICATE

I, the undersigned, hereby certify that I am the lessee as shown hereon. I hereby approve this survey and plat.
Tract J, ADL No. 418515
Dated: 10/26/11, 2011
Tiffany S. Hoop
P.O. Box 57047, North Pole, Alaska 99705

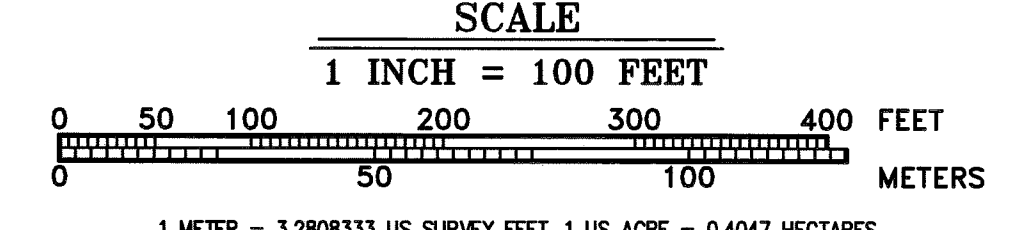
NOTARY'S ACKNOWLEDGEMENT

Subscribed and sworn to before me this 26th day of October, 2011.
For: Tiffany Hoop, Lessee
Notary Public for the State of Alaska
My commission expires with other



**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.



DATE OF SURVEY: Beginning June 16, 2010, Ending July 1, 2010
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. 2009-7
WIEN LAKE REMOTE RECREATIONAL CABIN SITES
Creating Tracts A Through L
Located Within: Unsurveyed Section 2, T. 6 S., R. 19 W., Unsurveyed Section 4 & Surveyed Sections 3 & 10, T. 7 S., R. 19 W., Fairbanks Meridian, Alaska
MANLEY HOT SPRINGS RECORDING DISTRICT AND FAIRBANKS RECORDING DISTRICT
DRAWN BY: emg
DATE: March 2011
APPROVAL RECOMMENDED: William S. Bonner, Statewide Platting Supervisor, Date 12/3/11
SCALE: 1" = 100'
CHECKED: RBC
FILE No. ASLS 20090007

2011-4
Plat # Manley
Rec Dist
Date 12-14-2011
Time 12:28 P.M.

2011-108
Plat # Fairbanks
Rec Dist
Date 12-14-2011
Time 12:30 P.M.

Sheet 6 Notes

- General Notes applicable to all sheets of this survey appear on Sheet No. 1.
- There is no lessee for Tract K, ADL 418516.
- The existing lessee's claim corners were recovered and used to control the location of the boundaries of Tract J.
- The natural meanders of the line of ordinary high water of the Unnamed Lake and the Unnamed Creek form the true bounds of Tracts J and K. 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.
- Tracts J and K are subject to a 100 foot building setback from the ordinary high water line of the Unnamed Lake, the Unnamed Creek, all streams, and all other water bodies determined to be public or navigable.
- 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' (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.

Manley 2011-4
Fairbanks - 2011-108

NGS OPUS SOLUTION REPORT

=====

WCMC Sections 9 & 10, T. 7 S., R. 19 W., Fairbanks Meridian Alaska

All computed coordinate accuracies are listed as peak-to-peak values.
For additional information: <http://www.ngs.noaa.gov/OPUS/about.html#accuracy>

USER: ejc@windycreeksurveys.com DATE: June 19, 2010
RINEX FILE: wcs_168s.10o TIME: 21:16:11 UTC

SOFTWARE: page5 0909.08 [master29.pl](#) 081023 START: 2010/06/17 18:48:00
EPHEMERIS: igr15884.eph [rapid] STOP: 2010/06/18 00:51:00
NAV FILE: brdc1680.10n OBS USED: 18234 / 18899 : 96%
ANT NAME: JAV_TRIUMPH-1 NONE # FIXED AMB: 99 / 103 : 96%
ARP HEIGHT: 1.128 OVERALL RMS: 0.016(m)

REF FRAME: NAD_83(CORS96)(EPOCH:2003.0000) ITRF00 (EPOCH:2010.4600)
X: -2431010.274(m) 0.006(m) -2431011.215(m) 0.006(m)
Y: -1330028.762(m) 0.020(m) -1330027.723(m) 0.020(m)
Z: 5725818.390(m) 0.012(m) 5725818.727(m) 0.012(m)
LAT: 64 19 31.78545 0.011(m) 64 19 31.78065 0.011(m)
E LON: 208 41 0.55376 0.015(m) 208 41 0.45230 0.015(m)
W LON: 151 18 59.44624 0.015(m) 151 18 59.54770 0.015(m)
EL HGT: 321.034(m) 0.013(m) 321.479(m) 0.013(m)
ORTHO HGT: 311.010(m) 0.015(m) [NAVD88 (Computed using GEOID09)]

UTM COORDINATES STATE PLANE COORDINATES
UTM (Zone 05) SPC (5004 AK 4)
Northing (Y) [meters] 7134363.481 1150768.490
Easting (X) [meters] 581376.485 436341.017
Convergence [degrees] 1.51735858 -1.18657275
Point Scale 0.99968108 0.99994961
Combined Factor 0.99963088 0.99989938

US NATIONAL GRID DESIGNATOR: 5WNM8137634363(NAD 83)

BASE STATIONS USED

PID	DESIGNATION	LATITUDE	LONGITUDE	DISTANCE(m)
DL6471	GRNX GRNX_AKDA_AK2004 CORS ARP	N635007.798	W1485841.392	126489.7
DK4095	FAI1 FAIRBANKS WAAS CORS ARP	N644834.672	W1475050.319	174816.7
DL6659	SUAF SURVEYORSEXCH UAF CORS ARP	N645131.287	W1475008.766	176961.0

NEAREST NGS PUBLISHED CONTROL POINT

TT6781 WEIN LAKE N642244.568 W1511603.146 6411.3

This position and the above vector components were computed without any knowledge by the National Geodetic Survey regarding the equipment or field operating procedures used.