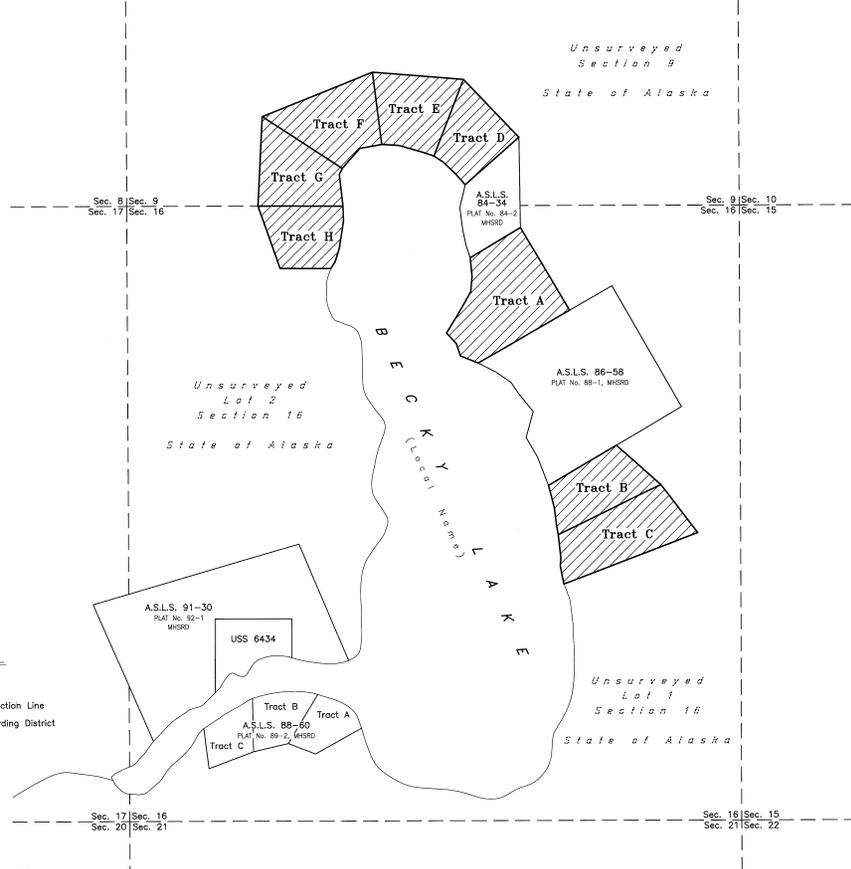
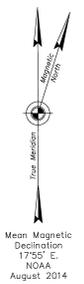
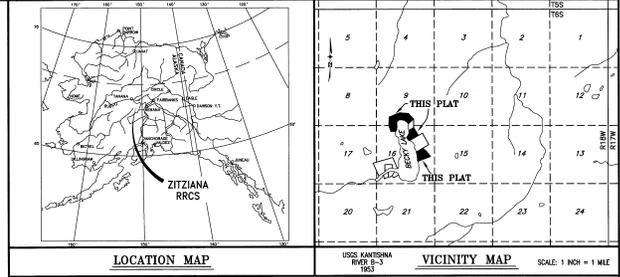


ZITZIANA REMOTE RECREATIONAL CABIN SITES INDEX SHEET



Legend

- Surveyed Line
- - - - - Unsurveyed Protracted Section Line
- MHSRD Manley Hot Springs Recording District

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 26 Nov 2014 Registration No. 5032-S

Richard B. Gray
Richard B. Gray, Registered Land Surveyor



INDEX TO SHEETS

- SHEET No. 2 TRACT A
- SHEET No. 3 TRACTS B & C
- SHEET No. 4 TRACTS D - H

TAX CERTIFICATE

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

General Notes

- 1) This survey was accomplished in accordance with AS 38.05.600, GSC 799, and RRCS SI 2013-19.
- 2) All bearings shown are true bearings as oriented to the Basis of Bearing and distances shown are reduced to horizontal field distances.
- 3) The error of closure of this survey does not exceed 1:5000 and/or corner positions have a Relative Positional Accuracy at the 95 percent confidence level of 0.13 feet plus 20 ppm.
- 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, on each side of the section line, which is reserved to the State of Alaska for public highways under A.S. 19.10.010.
- 5) The existing lessee's claim corners were recovered and used to control the location of Tract A.
- 6) There are no lessees for Tract B, ADL 420091, Tract C, ADL 420092, Tract D, ADL 420093, Tract E, ADL 420094, Tract F, ADL 420095, Tract G, ADL 420096, and Tract H, ADL 420097.
- 7) The shown found NAD_83(2011) coordinates are based on an OPUS solution (Epoch: 2010.0000) for the recovered monument at M41, ASLS 84-34 (WC/MC1), Tract D, ASLS 2013-19) shown on Sheet Nos. 2 and 4 of this plat. The coordinates were constrained to the National Spatial Reference System (NRS) using CORS Stations WIKR(D01929), AB36(D01800), and FA1(DK4095). The coordinates of individual tract monuments were determined by a high precision GPS survey, using JAVAD Triumph-1-C3T GPS/GLONASS receivers, differentially corrected and processed using Javad's Justin software and by conventional traverse methods. The shown record coordinates are from the plat of ASLS 84-34, Plat No. 84-2, Manley Hot Springs Recording District (MHSRD).
- 8) The natural meanders of the line of ordinary high water of Baby Lake form the true bounds of Tracts A through 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.
- 9) There is a 100-foot building setback from the ordinary high water line of all water bodies determined to be public or navigable.
- 10) The South boundary of Tract G and the North boundary of Tract H was computed to be coincident with the line between protracted Sections 9 and 16. This computation utilized the basis of coordinates and the basis of bearings and the protracted position for the corner of Sections 9, 16, and 17 and the protracted position for the corner of Sections 9, 10, 15, and 16. Although the position of this protracted section line is the best approximation possible, it is not intended to represent the official section line location. The protracted section line shown hereon fixes the location of the section line easement within Tract G and Tract H.
- 11) Alaska State Land Survey No. 84-34 was surveyed by Paul E. Stutzmann, 705-S, in 1984. This plat was filed on August 21, 1984 as Plat No. 84-2, Manley Hot Springs Recording District (MHSRD).
- 12) Alaska State Land Survey No. 86-58 was surveyed by Horace E. Black, 4794-S, in 1988. This plat was filed on January 21, 1988 as Plat No. 88-1, Manley Hot Springs Recording District (MHSRD).
- 13) Public Access and Utility Easements shown within Tracts A through H are dedicated this plat. Easements shown within ASLS 84-34 and ASLS 86-58 are existing.
- 14) Recovered monuments M4, ASLS 84-34 (WC/MC1, Tract A) and C3, ASLS 84-34 (C2, Tract A) were recovered May, 2014 and refurbished to vertical and solid conditions. These two monuments were then tied by direct angle and distance to control points of this survey during June, 2014. During July, both monuments were completely removed by a bear. We reset the two original monuments on August 10, 2014 per our direct angle and distance ties in their original, recovered positions.

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 2013-19, 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: 31 DECEMBER, 20 14

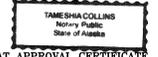
Brent A. Coakley
Director, Division of Mining, Land, and Water

NOTARY'S ACKNOWLEDGEMENT

Subscribed and sworn to before me this 31 day of December, 20 14

For: Brent Coakley
Director

David Cole
Notary Public for Alaska
My commission expires with office



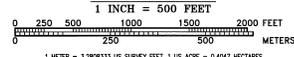
PLAT APPROVAL CERTIFICATE

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

Brent A. Coakley 31 Dec 2014
Commissioner Date

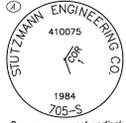
By approval of this plat, the Commissioner of the Department of Natural Resources hereby accepts for public use and public purposes the real property dedicated to the public hereon, including easements, rights-of-way, alleys, and roadways. The acceptance of such dedicated areas for public use and public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

SCALE



DATE OF SURVEY: Beginning <u>May 21, 2014</u> Ending <u>August 11, 2014</u>	NAME OF SURVEYOR: <u>Manley Land Surveyors, Inc.</u> P.O. Box 88 Manley Hot Springs, Alaska 99756 (907) 672-3832
STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES DIVISION OF MINING, LAND AND WATER ANCHORAGE, ALASKA	
ALASKA STATE LAND SURVEY NO. 2013-19	
ZITZIANA REMOTE RECREATIONAL CABIN SITES	
<i>Located within Unsurveyed Sections 9 and 16, Township 6 South, Range 18 West, Fairbanks Meridian, Alaska</i>	
MANLEY HOT SPRINGS RECORDING DISTRICT	
DRAWN BY: <u>eng</u> DATE: <u>Nov. 24, 2014</u>	APPROVAL RECOMMENDED: <u>[Signature]</u> <u>12/30/2014</u> Surveyor Supervisor
SCALE: 1" = 500'	CHECKED: <u>BBB</u> FILE NO.: ASLS 20130019

**Monument Caps Recovered
And Accessories Set This Survey**



A Reference Monument bears N 48°52'24" E 10.0' distant
A Reference Monument bears N 48°52'24" E 20.0' distant

Recover monument vertical and firmly set projecting 0.5' above ground



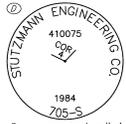
A Reference Monument bears S 48°52'24" W 5.0' distant
A Reference Monument bears S 48°52'24" W 10.0' distant

Recover monument vertical and firmly set projecting 0.2' above ground



A Reference Monument bears S 58°58'14" W 5.0' distant
A Reference Monument bears S 58°58'14" W 10.0' distant

Recover monument loosely set projecting 0.9' above ground. Restore, See Note No. 14 on Sheet No. 1



A Reference Monument bears N 58°58'14" E 10.0' distant
A Reference Monument bears N 58°58'14" E 20.0' distant

Recover monument vertical and firmly set projecting 1.0' above ground. See Note No. 14 on Sheet No. 1

Legend

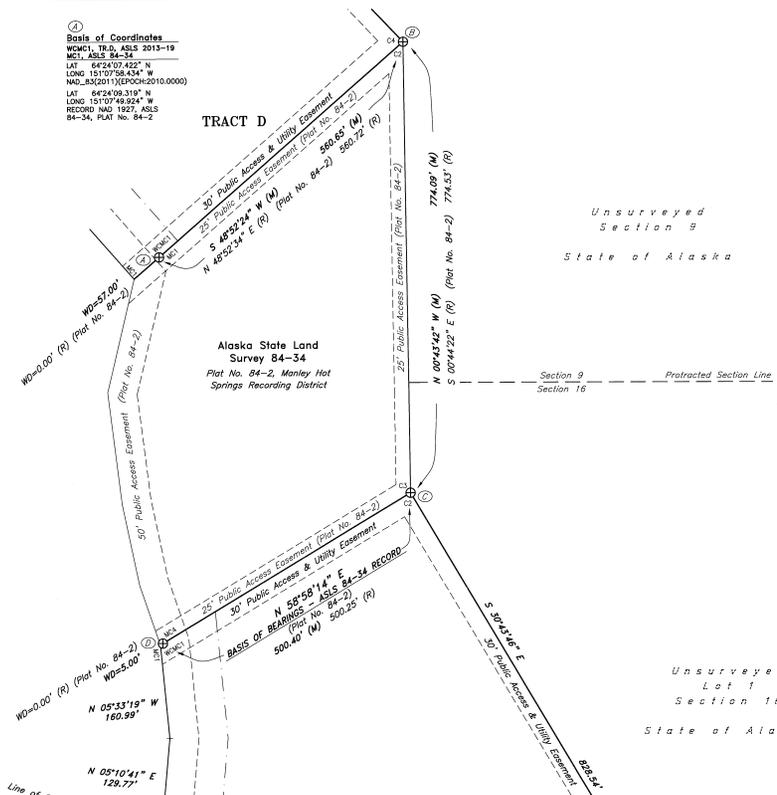
- ⊕ 3 1/4" Diam. Aluminum Cap On Aluminum Post Primary Monument, Recovered This Survey
- ⊙ Primary Monument, 5032-S, Set This Survey, 3 1/4" Diam. Aluminum Cap On 2 1/2" Diam. By 30" Long Aluminum Post, Set 25" to 30" In The Ground, With A Deep 1" Magnet At The Base And A Corsonite Witness Post Or A 4" By 4" Wooden Post Adjacent To The Monument
- Surveyed Line
- - - Unsurveyed Protracted Section Line
- - - Easement Line (See Note No. 13, Sheet No. 1)
- - - 100' Building Setback
- (M) Measured Dimension
- (R) Record Dimension
- Ⓐ Monument Identifier Letter



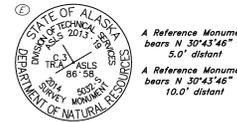
Mean Magnetic Declination 17°55' E. NDA-A August 2014

Basis of Coordinates
WCMC1, TRA, ASLS 2013-19
NAD 83, Zone 14
LAT 66°24'07.422" N
LONG 151°07'58.634" W
NAD_83(2011)(EPOCH=2010.0000)
LAT 66°24'08.310" N
LONG 151°07'49.924" W
RECORD NAD 1983 HSS 84-34, PLAT No. 84-2

TRACT D



**Monument Caps And Accessories
Set This Survey**



A Reference Monument bears N 30°43'46" W 5.0' distant
A Reference Monument bears N 30°43'46" W 10.0' distant

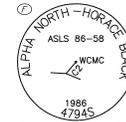


A Reference Monument bears N 30°43'46" W 5.0' distant
A Reference Monument bears N 30°43'46" W 10.0' distant

**Typical Markings
Reference Monuments
Set This Survey**

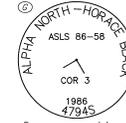
All reference monuments (RM) set this survey consist of a 2" diameter aluminum cap on a 36" long No. 5 Rebar

**Monument Caps Recovered
And Accessories Set This Survey**



A Reference Monument bears N 60°09'00" E 10.0' distant
A Reference Monument bears N 60°09'00" E 20.0' distant

Recover monument vertical and firmly set projecting 0.8' above ground



Recover monument loosely set projecting 1.0' above ground. Restore to firmly set projecting 0.6' above ground

LESSEE CERTIFICATE

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

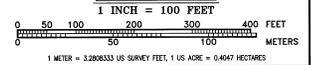
Tract A, ADL No. 419836
Dated: Dec 22, 2014
Myles S. Thomas
Myles S. Thomas
3675 Geist Road, E-331, Fairbanks, Alaska 99709

NOTARY'S ACKNOWLEDGEMENT

Subscribed and sworn to before me this 22nd day of December, 2014.
For: Myles S. Thomas
Lessee
Carli Lindahl
Notary Public for Alaska
My commission expires 1/1/16



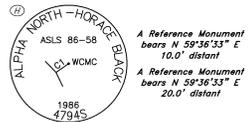
SCALE



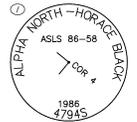
DATE OF SURVEY: Beginning <u>May 21, 2014</u> Ending <u>August 11, 2014</u>		NAME OF SURVEYOR: <u>Manley Land Surveyors, Inc.</u> P.O. Box 88 Manley Hot Springs, Alaska 99756 (907) 872-3832	
STATE OF ALASKA DEPARTMENT OF MINING, LAND AND WATER ANCHORAGE, ALASKA			
ALASKA STATE LAND SURVEY No. 2013-19			
ZITZIANA REMOTE RECREATIONAL CABIN SITES Creating Tracts A Through H Located Within: Unsurveyed Sections 9 and 16, Township 6 South, Range 18 West, Fairbanks Meridian, Alaska MANLEY HOT SPRINGS RECORDING DISTRICT			
DRAWN BY: <u>emg</u>	APPROVAL RECOMMENDED: <u>[Signature]</u>	DATE: <u>Nov. 24, 2014</u>	DATE: <u>12/30/2014</u>
SCALE: 1" = 100'	CHECKED: <u>ABG</u>	FILE NO.:	ASLS 20130019



**Monument Caps Recovered
And Accessories Set This Survey**



Recover monument loosely set projecting 0.8' above ground. Restore to firmly set projecting 0.6' above ground



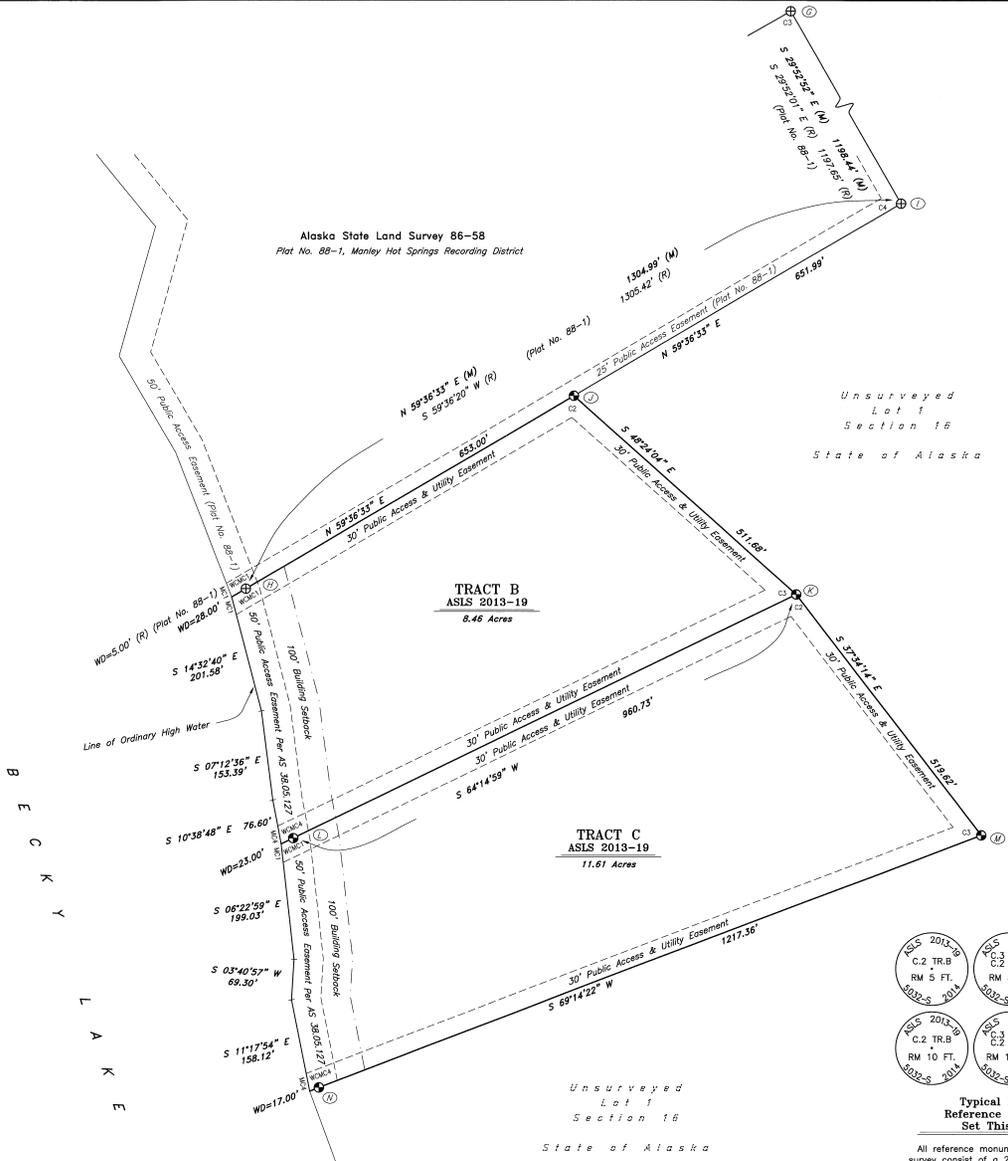
Recover monument loosely set projecting 2.0' above ground. Restore to firmly set flush with the ground

NOTE

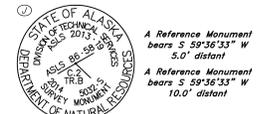
There are no lessees for Tract B, ADL 420091, and Tract C, ADL 420092.

Legend

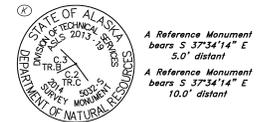
- ⊕ 3 1/4" Diam. Aluminum Cap On Aluminum Post Primary Monument, Recovered This Survey
- ⊙ Primary Monument, 5032-S, Set This Survey, 3 1/4" Diam. Aluminum Cap On 2 1/2" Diam. By 30" Long Aluminum Post, Set 25" to 30" In The Ground, With A Deep 1 Magnet At The Base And A Carsonite Witness Post Adjacent To The Monument
- Surveyed Line
- - - - - Unserved Protracted Section Line
- - - - - Easement Line (See Note No. 13, Sheet No. 1)
- 100' Building Setback
- (M) Measured Dimension
- (R) Record Dimension
- Ⓜ Monument Identifier Letter



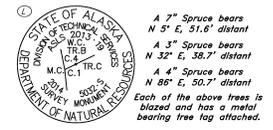
**Monument Caps And Accessories
Set This Survey**



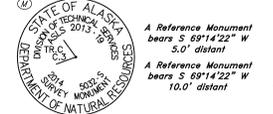
A Reference Monument bears S 59°36'33" W 5.0' distant
A Reference Monument bears S 59°36'33" W 10.0' distant



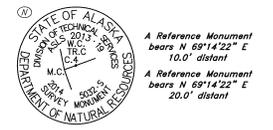
A Reference Monument bears S 37°34'14" E 5.0' distant
A Reference Monument bears S 37°34'14" E 10.0' distant



A 3" Spruce bears N 5° E, 31.6' distant
A 3" Spruce bears N 32° E, 38.7' distant
A 4" Spruce bears N 86° E, 50.7' distant
Each of the above trees is blazed and has a metal bearing tree log attached.



A Reference Monument bears S 69°14'22" W 5.0' distant
A Reference Monument bears S 69°14'22" W 10.0' distant



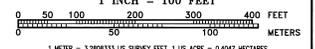
A Reference Monument bears N 69°14'22" E 10.0' distant
A Reference Monument bears N 69°14'22" E 20.0' distant



**Typical Markings
Reference 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

SCALE



DATE OF SURVEY: Beginning May 21, 2014 Ending August 11, 2014	NAME OF SURVEYOR: Manley Land Surveyors, Inc. P.O. Box 59 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. 2013-19

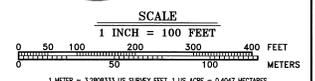
ZITZIANA
REMOTE RECREATIONAL CABIN SITES
Creating Tracts A Through H
Located Within: Unserved Sections 9 and 16,
Township 6 South, Range 18 West,
Fairbanks Meridian, Alaska

MANLEY HOT SPRINGS RECORDING DISTRICT

DRAWN BY: emg	APPROVAL RECOMMENDED:
DATE: Nov. 24, 2014	Statewide Planning Supervisor
SCALE: 1" = 100'	FILE No. _____
	DATE: _____

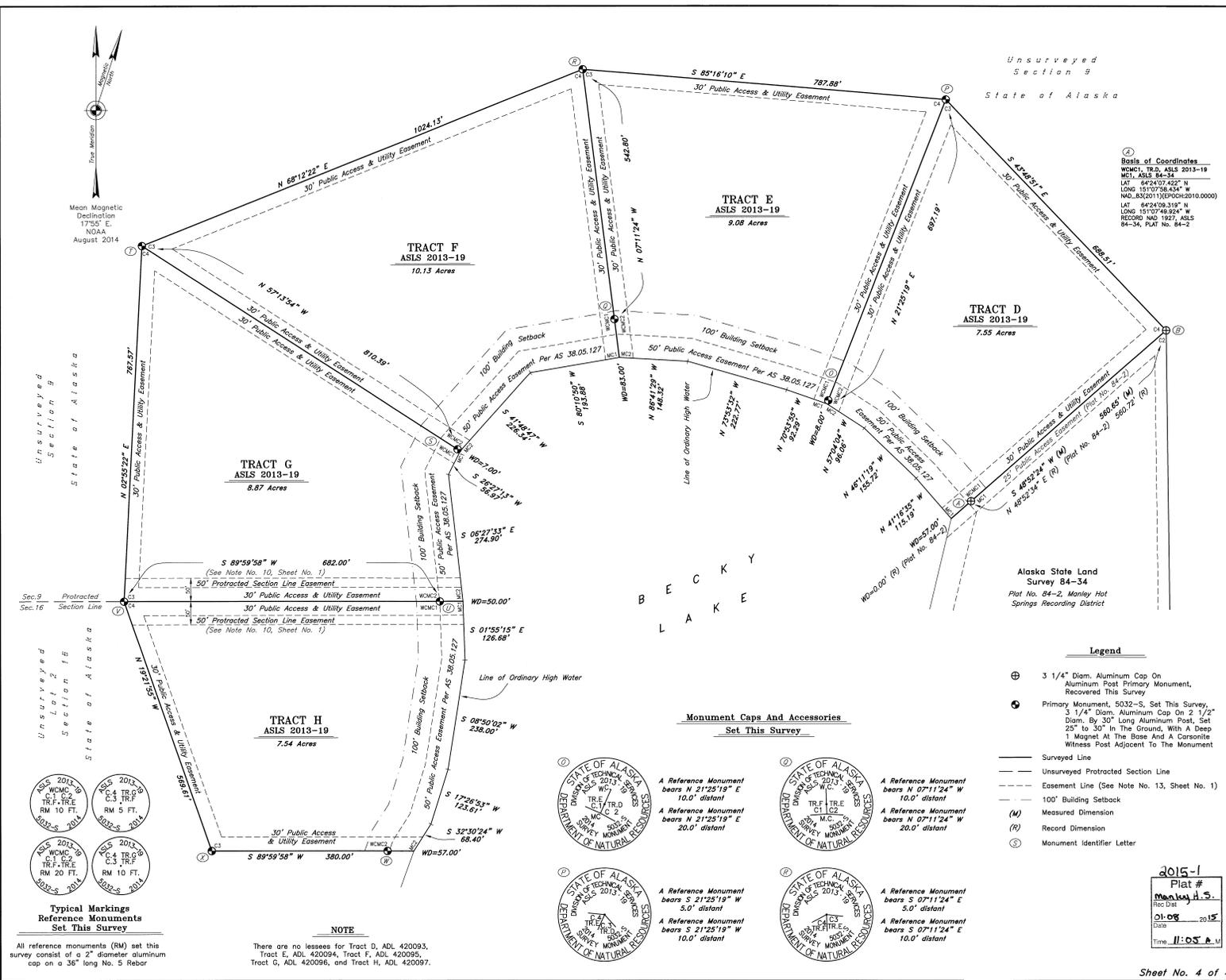
Monument Caps And Accessories
Set This Survey

- ① STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES
A 3" Spruce bears N 19° E, 24.3' distant
A 4" Spruce bears S 55° W, 6.5' distant
A 3" Spruce bears N 48° W, 3.2' distant
Each of the above trees is blazed and has a metal bearing tree tag attached.
- ② STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES
A Reference Monument bears S 71°13'54" E 5.0' distant
A Reference Monument bears S 71°13'54" E 10.0' distant
- ③ STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES
A Reference Monument bears S 89°59'58" W 10.0' distant
A Reference Monument bears S 89°59'58" W 20.0' distant
- ④ STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES
A Reference Monument bears N 89°59'58" E 5.0' distant
A Reference Monument bears N 89°59'58" E 10.0' distant
- ⑤ STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES
A Reference Monument bears S 89°59'58" W 10.0' distant
A Reference Monument bears S 89°59'58" W 20.0' distant
- ⑥ STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES
A Reference Monument bears N 89°59'58" E 5.0' distant
A Reference Monument bears N 89°59'58" E 10.0' distant



DATE OF SURVEY: Beginning <u>May 21, 2014</u> Ending <u>August 11, 2014</u>	NAME OF SURVEYOR: Manley Land Surveyors, Inc. P.O. Box 99 Manley Hot Springs, Alaska 99756 (907) 872-2632
STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES DIVISION OF MINING, LAND AND WATER ANCHORAGE, ALASKA	

ALASKA STATE LAND SURVEY No. 2013-19	
ZITZIANA REMOTE RECREATIONAL CABIN SITES Creating Tracts A Through H Locate Minus: Unsurveyed Sections 9 and 16, Township 6 South, Range 18 West, Fairbanks Meridian, Alaska MANLEY HOT SPRINGS RECORDING DISTRICT	
DRAWN BY: <u>emg</u>	APPROVAL RECOMMENDED:
DATE: <u>Nov. 24, 2014</u>	Statewide Printing Supervisor: _____ Date: _____
SCALE: 1" = 100'	CHECKED: <u>ABC</u> FILE No. <u>ASLS 20130019</u>



④ Basis of Coordinates
WDMC1, TRD, ASLS 2013-19
MCI, ASLS 84-34
LAT: 64°29'43.422" N
LONG: 151°07'58.434" W
NAD: ASD11(10) (EPSG:2010.0000)
LAT: 64°29'49.319" N
LONG: 151°07'49.924" W
RECORD NO: 1927, ASLS
84-34, PLAT No. 84-2

Legend

- ⊕ 3 1/4" Diam. Aluminum Cap On Aluminum Post Primary Monument, Recovered This Survey
- ⊙ Primary Monument, 5032-S, Set This Survey, 3 1/4" Diam. Aluminum Cap On 2 1/2" Diam. By 30" Long Aluminum Post, Set 25" to 30" In The Ground, With A Deep 1 Magnet At The Base And A Corsonite Witness Post Adjacent To The Monument
- Surveyed Line
- - - Unsurveyed Protracted Section Line
- - - Easement Line (See Note No. 13, Sheet No. 1)
- - - 100' Building Setback
- (M) Measured Dimension
- (R) Record Dimension
- Ⓢ Monument Identifier Letter

Monument Caps And Accessories
Set This Survey

- ① STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES
A Reference Monument bears N 21°25'19" E 10.0' distant
A Reference Monument bears N 21°25'19" E 20.0' distant
- ② STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES
A Reference Monument bears N 07°11'24" W 10.0' distant
A Reference Monument bears N 07°11'24" W 20.0' distant
- ③ STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES
A Reference Monument bears S 21°25'19" W 5.0' distant
A Reference Monument bears S 21°25'19" W 10.0' distant
- ④ STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES
A Reference Monument bears S 07°11'24" E 5.0' distant
A Reference Monument bears S 07°11'24" E 10.0' distant

Typical Markings
Reference Monuments
Set This Survey

All reference monuments (RM) set this survey consist of a 2" diameter aluminum cap on a 3/8" long No. 5 Rebar

NOTE

There are no leases for Tract D, ADL 420093, Tract E, ADL 420094, Tract F, ADL 420095, Tract G, ADL 420096, and Tract H, ADL 420097.