

Mean Magnetic Declination
20° E.
NOAA
July 2008

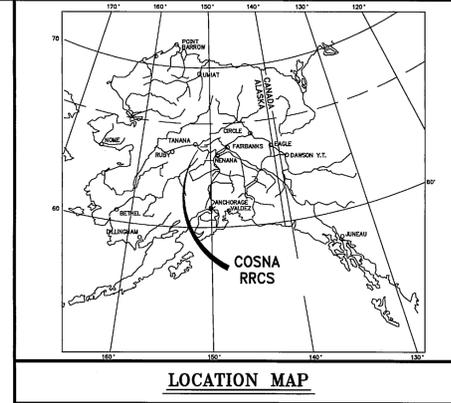
COSNA REMOTE RECREATIONAL CABIN SITES



Basis of Coordinates

Witness Corner Meander Corner
Sec. 19, T.1S., R.19W., F.M.
Sec. 24, T.1S., R.20W., F.M.
Latitude: 64°48'55.03" North
Longitude: 151°27'38.08" West
(Calculated from NAD 1927 Record)

The NAD 27 coordinates for the WCMC monument utilized as the Basis of Coordinates for this survey were calculated from record coordinate, azimuth, and distance data provided by the ASCS as described in General Note No. 5 below. Record geodetic coordinates for this calculation 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

Basis of Coordinates to	Bearing	Distance
Cor. 1, Tract B	N 81°57'51" E	2482.87'
Cor. 1, Tract D	S 42°01'07" W	2239.41'
WCMC1, Tract E	S 47°31'41" W	4938.98'
WCMC1, Tract G	S 48°36'21" E	33202.45'
WCMC1, Tract H	S 40°58'02" W	7014.36'

Bearings in this table are in the Basis of Bearings of this plat. Distances provided are ground measured at an average elevation of 350 feet. These ties would have to be rotated counter-clockwise by 00°02'07" and adjusted to sea level to yield geodetic azimuths and distances that would then agree with the geodetic positions computed and shown on the individual sheets of this plat. This rotation is necessary to account for the fact that our high precision GPS survey yielded a NAD 27 geodetic azimuth for the Basis of Bearing line of N 00°02'32" W. The NAD 83 geodetic coordinates provided were converted from the NAD 27 computed positions using Corpscon v6.0.1.

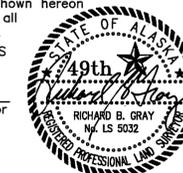
General Notes

- This survey was accomplished in accordance with AS 38.05.600, GSC 723, and RRCS SI 2006-20.
- 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.
- The accuracy of this survey is greater than 1:5000.
- 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.
- All bearings on this plat other than those indicated as being record are in a local plane bearing system, oriented to the record true bearing for the monumented portion of the line between Sec. 19, T1S, R19W, and Sec. 24, T1S, R20W, F.M., as shown on Sheet No. 2 of this plat. These monuments were set as part of the Alaska State Cadastral Survey of Sections 24, 25, 26, 35, and 36, Township 1 South, Range 20 West, F.M., plat filed January 30, 1986 as Plat No. 86-2, Manley Hot Springs Recording District. The orientation of individual tracts to the basis of bearings was determined by a high precision GPS survey, using Topcon Hyper Plus receivers, differentially corrected and adjusted using Topcon Hyper software.
- Tracts are subject to a 100 foot building setback from the ordinary high water line of all water bodies.
- 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 7-9-08 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 2006-20, 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: Nov 26, 2008

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

Notary's Acknowledgment

Subscribed and sworn to before me this 26th day of November, 2008

For: Gerald Jennings

Ronda Wilson
Notary Public for the State of Alaska
My commission expires with 10/1/11



Plat Approval

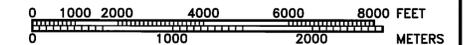
This plat is approved by the Commissioner of the Department of Natural Resources, or the Commissioner's designee, in accordance with AS 40.15.

Gerald Jennings Dec 02, 2008
For 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

1 INCH = 2000 FEET



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

DATE OF SURVEY: Beginning July 4, 2007 Ending June 21, 2008
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

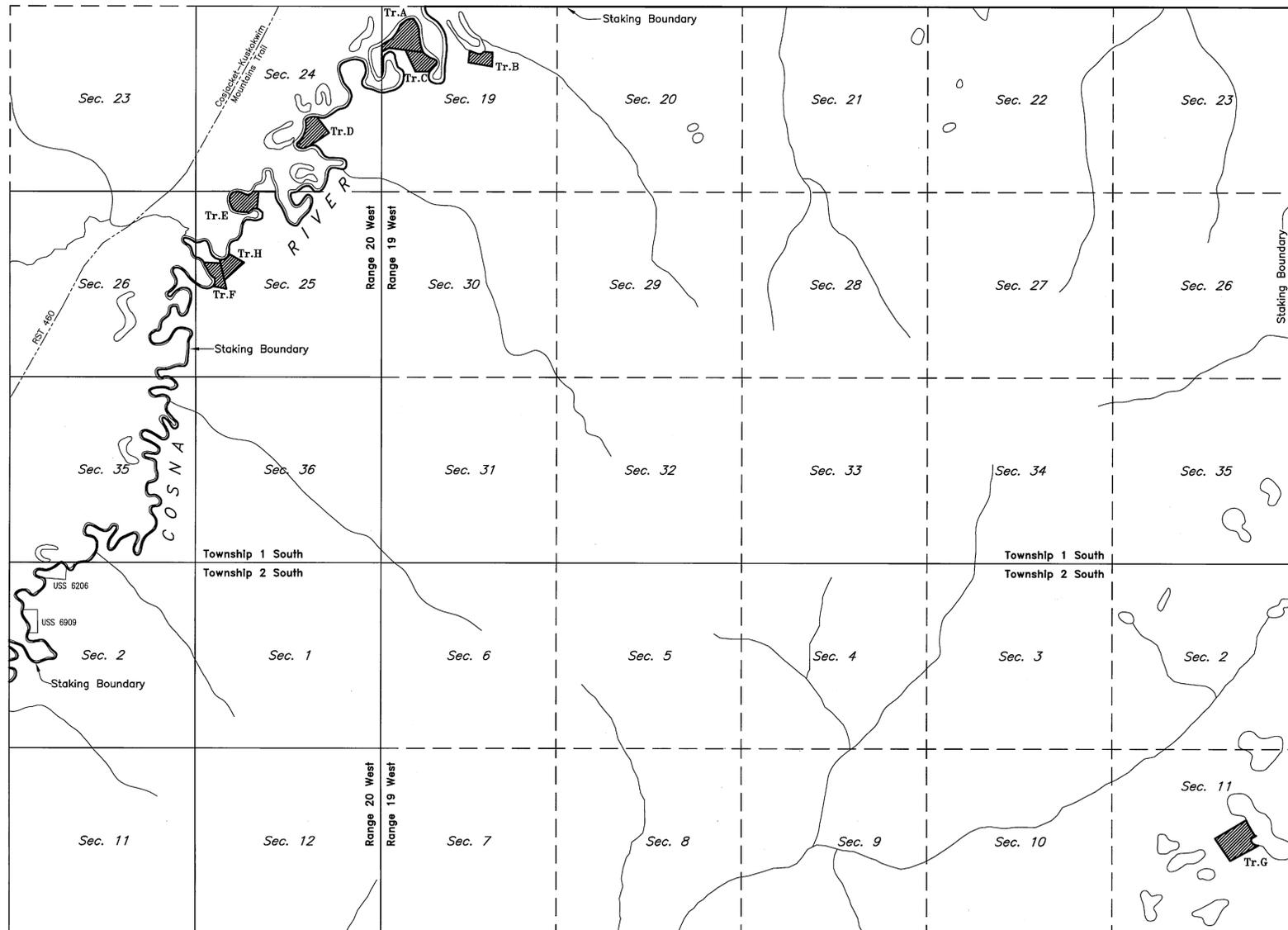
ALASKA STATE LAND SURVEY No. 2006-20

COSNA REMOTE RECREATIONAL CABIN SITES
Creating Tracts A Through H
Located Within

Gov. Lot 1, Protracted Sec. 19, Township 1 South, Range 19 West,
Gov. Lot 3, Surveyed Sec. 24, And Gov. Lot 1, Surveyed Sec. 25,
Township 1 South, Range 20 West,
And Protracted Section 11, Township 2 South, Range 19 West,
Fairbanks Meridian, Alaska
MANLEY HOT SPRINGS RECORDING DISTRICT

DRAWN BY: emg APPROVAL RECOMMENDED: William S. Brown 11-26-08
DATE: Sept. 8, 2008 FOR: Statewide Platting Supervisor Date

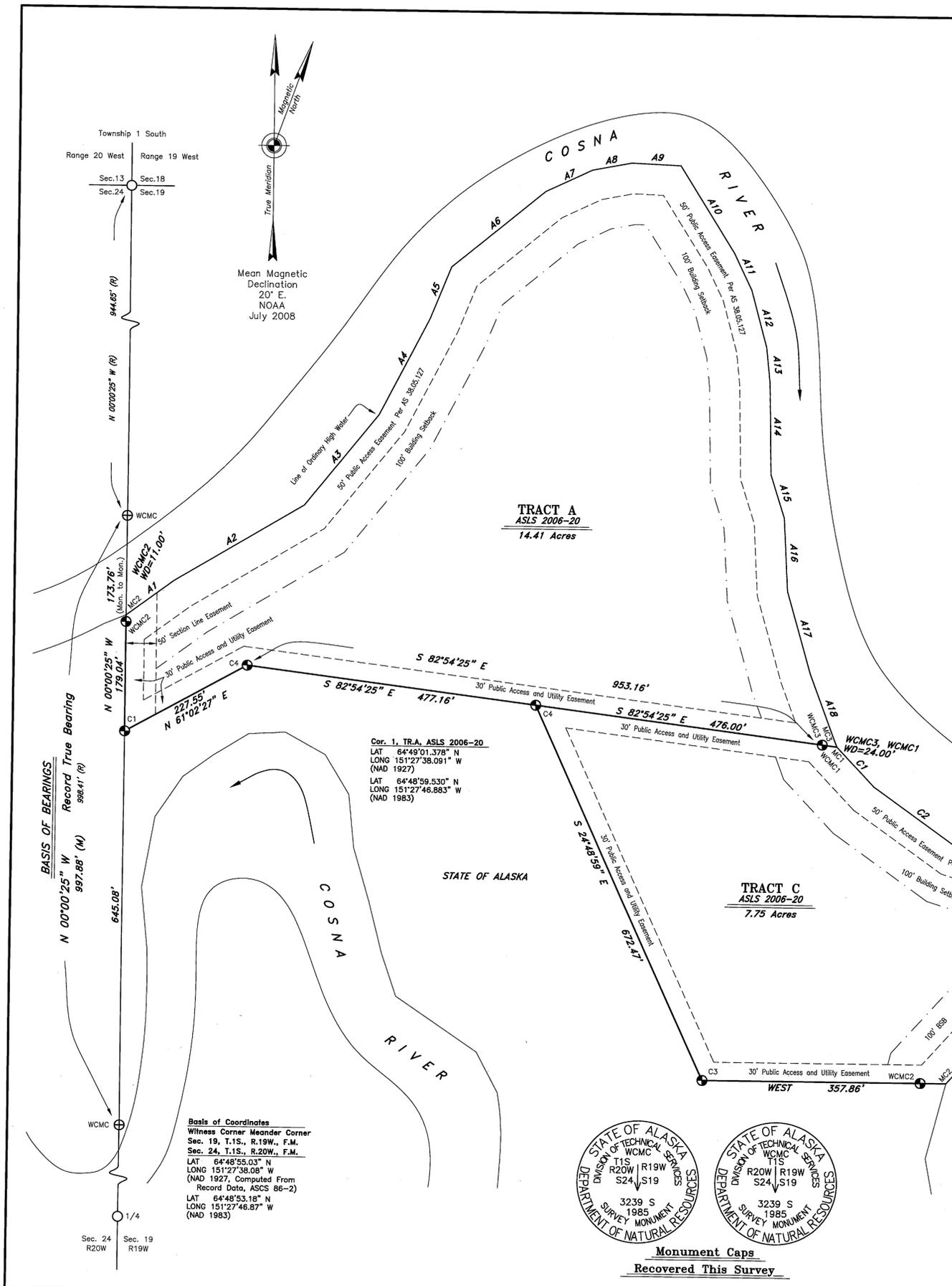
CHECKED: RBG FILE No. ASLS 20060020
SCALE: 1" = 2000'



INDEX TO SHEETS

SHEET No. 2 TRACTS A & C
SHEET No. 3 TRACTS B & D
SHEET No. 4 TRACT E, F & H
SHEET No. 5 TRACT G

Manley 2008-3



Meander Line Table
Cosna River Ordinary High Water Line

Line	Bearing	Distance
A1	N 53°34'31" E	96.21'
A2	N 59°07'38" E	247.06'
A3	N 38°53'09" E	191.73'
A4	N 27°17'32" E	178.57'
A5	N 21°59'43" E	91.92'
A6	N 50°34'48" E	197.73'
A7	N 64°51'17" E	84.56'
A8	N 79°05'24" E	65.81'
A9	S 87°37'01" E	80.38'
A10	S 32°13'45" E	168.25'
A11	S 25°55'01" E	66.77'
A12	S 15°13'13" E	96.81'
A13	S 06°00'00" E	60.00'
A14	S 01°21'55" E	148.37'
A15	S 18°00'00" E	75.00'
A16	S 03°16'49" E	119.70'
A17	S 16°12'08" E	139.77'
A18	S 20°46'55" E	127.66'
C1	S 43°40'44" E	89.85'
C2	S 54°40'16" E	163.90'
C3	S 72°56'44" E	113.25'
C4	S 63°04'01" E	74.26'
C5	S 26°21'27" E	56.80'
C6	S 17°14'34" W	80.01'
C7	S 47°57'06" W	62.55'
C8	S 42°43'39" W	57.49'
C9	S 42°06'30" W	149.32'

Monument Caps And Accessories
Set This Survey

TR.A C.1	6" Spruce	N 10° E	23.0'
S.24 S.19	16" Spruce	S 75° E	21.3'
	8" Spruce	S 41° W	4.7'
WCMC C.2 TR.A	14" Birch	N 80° E	18.4'
S.24 S.19	4" Birch	S 07° E	18.0'
	18" Spruce	S 45° W	22.7'
WC TR.A C.3	12" Spruce	S 41° E	16.4'
	9" Spruce	N 77° W	23.1'
	8" Spruce	N 25° W	54.6'
TR.A C.4	3" Birch	N 33° E	16.4'
	16" Spruce	S 53° E	19.0'
	4" Birch	S 89° W	24.6'
WC TR.C C.2	11" Spruce	N 68° E	9.9'
	11" Spruce	S 07° W	48.8'
	5" Spruce	N 53° W	17.1'
TR.C C.3	4" Spruce	S 13° E	15.5'
	4" Spruce	S 52° W	14.0'
	3" Spruce	N 08° W	9.8'
TR.A C.4 TR.C	4" Spruce	N 25° E	7.4'
	5" Spruce	S 43° W	5.1'
	6" Spruce	N 64° W	19.6'

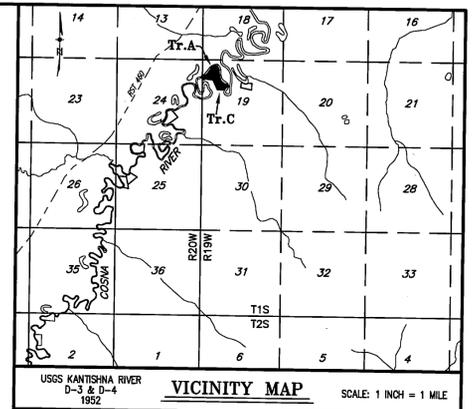


Typical Markings
Primary Monuments
Set This Survey

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.

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.
- There is no applicant for Tract C ADL ~~418247~~ 418247.
- The natural meanders of the line of ordinary high water of the Cosna River form the true bounds of Tracts A 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.
- Tracts A and C are subject to a 100 foot building setback from the ordinary high water line of all water bodies.
- All parcels of land owned by the State of Alaska, located within 50.00 feet of, or bisected by, a surveyed 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 East boundary of Section 24, Township 1 South, Range 20 West, Fairbanks Meridian, was surveyed by Tom Rosadiuk, 3239-S, for the State of Alaska. The Alaska State Cadastral Survey of this section was filed on January 30, 1986, as Plat No. 86-2, Manley Hot Springs Recording District.



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. 417567

Dated: October 28, 2008

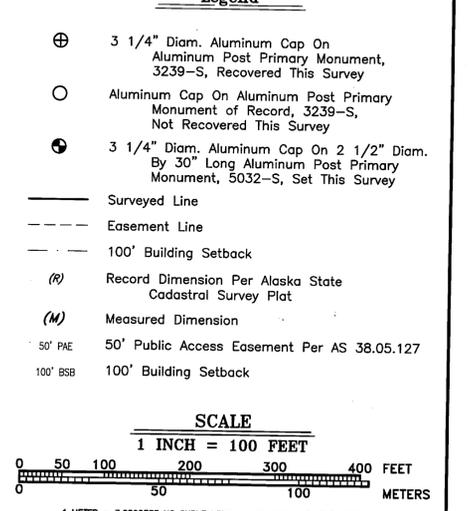
Catherine Irene Ledger
Catherine Irene Ledger
P.O. Box 55070, North Pole, Alaska 99705

Notary's Acknowledgment

Subscribed and sworn to before me this 28th day of October, 2008.

For: *Catherine Irene Ledger*

Helen Emond
Notary Public for the State of Alaska
My commission expires with office



DATE OF SURVEY: Beginning July 4, 2007 Ending June 21, 2008

NAME OF SURVEYOR: Manley Land Surveyors, Inc.
P.O. Box 69
Manley Hot Springs, Alaska 99756
(907) 872-3632

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

ALASKA STATE LAND SURVEY No. 2006-20
COSNA REMOTE RECREATIONAL CABIN SITES
Creating Tracts A Through H
Located Within
Gov. Lot 1, Protracted Sec. 19, Township 1 South, Range 19 West,
Gov. Lot 3, Surveyed Sec. 24, And Gov. Lot 1, Surveyed Sec. 25,
Township 1 South, Range 20 West,
And Protracted Section 11, Township 2 South, Range 19 West,
Fairbanks Meridian, Alaska
MANLEY HOT SPRINGS RECORDING DISTRICT

DRAWN BY: emg
DATE: Sept. 8, 2008
SCALE: 1" = 100'

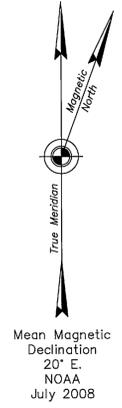
APPROVAL RECOMMENDED:
William S. Brown 11-26-08
Statewide Planning Supervisor
CHECKED: RBG FILE No. ASLS 20060020

Manley 2008-3

Monument Caps And Accessories

Set This Survey

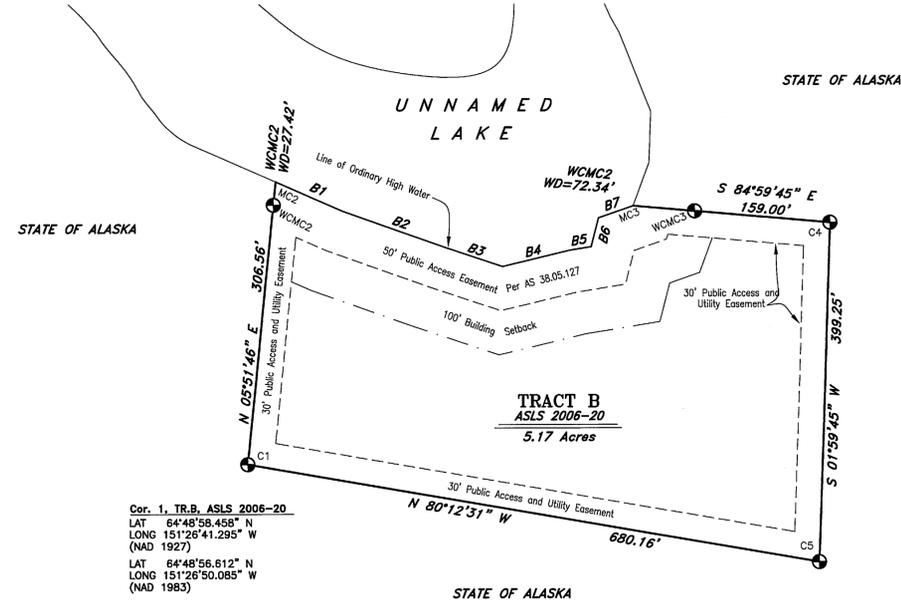
TR.B C.1	4" Spruce	S 33° E	79.5'
	4" Spruce	S 12° W	28.3'
	5" Spruce	N 66° W	52.9'
WC C.2 TR.B	4" Birch	N 80° E	8.3'
	9" Spruce	S 44° W	17.2'
	5" Spruce	N 72° W	32.4'
WC C.3 TR.B	5" Birch	S 75° E	94.9'
	8" Birch	S 55° W	43.1'
	6" Birch	N 13° W	66.9'



Meander Line Table
Unnamed Lake Ordinary High Water Line

Line	Bearing	Distance
B1	S 66°15'01" E	85.95'
B2	S 70°22'39" E	125.06'
B3	S 71°23'59" E	72.91'
B4	N 76°30'25" E	80.94'
B5	N 80°43'39" E	26.10'
B6	N 14°31'40" E	34.87'
B7	N 70°41'33" E	43.25'

Cor. 1, TR.B, ASLS 2006-20
 LAT 64°48'58.458" N
 LONG 151°26'41.295" W
 (NAD 1927)
 LAT 64°48'56.612" N
 LONG 151°26'50.085" W
 (NAD 1983)

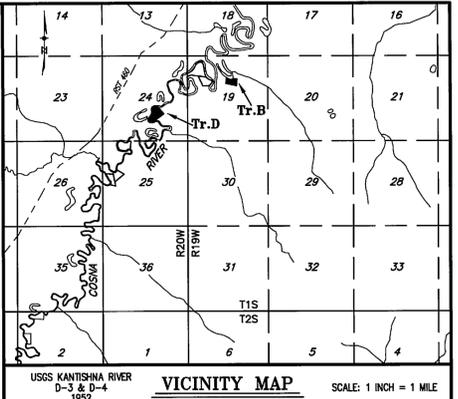


Sheet 3 Notes

- 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 locations of the boundaries of Tract B and Tract D.
- The natural meanders of the line of ordinary high water of the Unnamed Lake form the true bounds of Tract B and the natural meanders of the line of ordinary high water of the Cosna River form the true bounds of Tract D. 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 B and D are subject to a 100 foot building setback from the ordinary high water line of all water bodies.
- Reference monuments (RM) are not graphically depicted on this plot, but are detailed in the "Monument Caps and Accessories Set This Survey" table.

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
- 50' PAE 50' Public Access Easement Per AS 38.05.127
- 100' BSB 100' Building Setback



Lessee Certificate

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

Tract B, ADL No. 417570
 Dated: October 23, 2008
 Lyman Vincent
 P.O. Box 22, Manley Hot Springs, Alaska 99756

Notary's Acknowledgment

Subscribed and sworn to before me this day of October 23, 2008.
 For: Lyman Vincent
 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 D, ADL No. 417569
 Dated: November 24th, 2008
 David Wintz
 P.O. Box 3046, Palmer, Alaska 99645

Notary's Acknowledgment

Subscribed and sworn to before me this day of November 24th, 2008.
 For: David Wintz
 Notary Public for the State of Alaska
 My commission expires with office



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

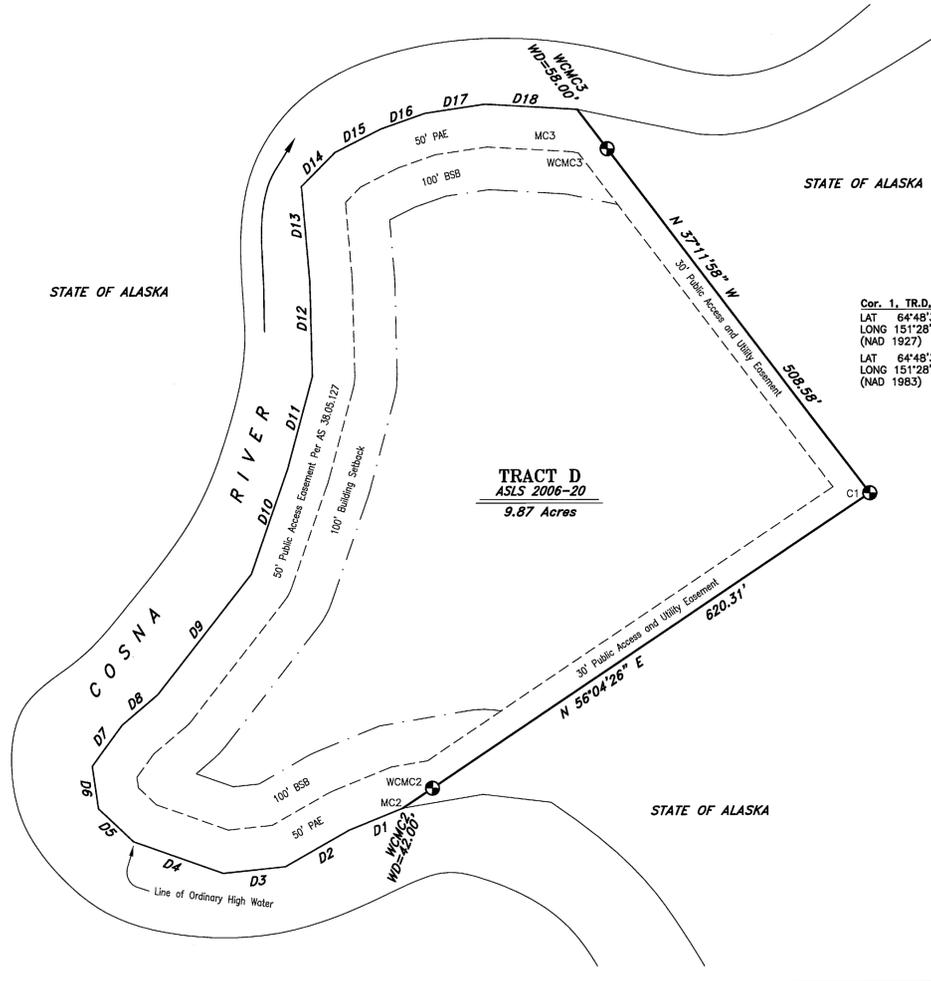
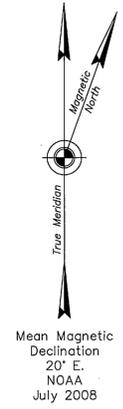


Typical Markings Primary Monuments Set This Survey

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 corsonite witness post adjacent to the monument.

Meander Line Table
Cosna River Ordinary High Water Line

Line	Bearing	Distance
D1	S 67°55'17" W	68.41'
D2	S 60°18'16" W	86.41'
D3	S 83°56'37" W	73.41'
D4	N 70°28'53" W	111.66'
D5	N 46°39'42" W	56.85'
D6	N 08°26'12" W	50.43'
D7	N 36°02'36" E	59.96'
D8	N 49°41'24" E	55.41'
D9	N 38°00'56" E	179.19'
D10	N 19°13'48" E	131.00'
D11	N 15°02'18" E	112.16'
D12	N 01°26'44" W	110.55'
D13	N 05°01'02" W	113.43'
D14	N 44°45'17" E	56.47'
D15	N 63°03'32" E	60.63'
D16	N 70°42'24" E	54.94'
D17	N 81°29'41" E	71.56'
D18	S 86°40'03" E	108.77'

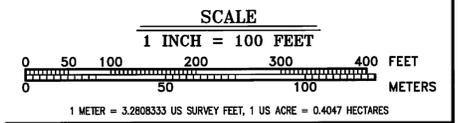


Cor. 1, TR.D, ASLS 2006-20
 LAT 64°48'36.946" N
 LONG 151°28'12.875" W
 (NAD 1927)
 LAT 64°48'36.797" N
 LONG 151°28'21.464" W
 (NAD 1983)

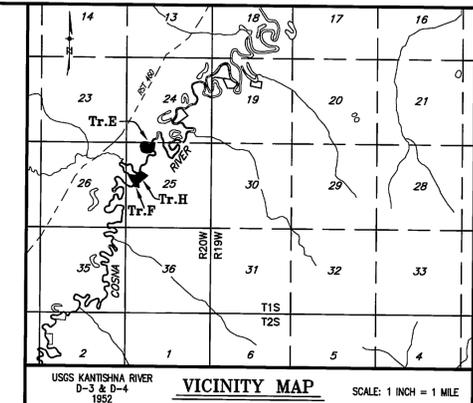
Monument Caps And Accessories
Set This Survey

TR.D C.1	5" Spruce	N 19° E	7.9'
	4" Spruce	S 12° W	4.3'
	4" Spruce	S 84° W	9.4'
WC C.2 TR.D	12" Spruce	N 74° E	12.7'
	13" Spruce	N 76° W	11.5'
	12" Spruce	N 22° W	11.6'
WC C.3 TR.D	13" Spruce	S 56° E	43.6'
	6" Spruce	S 13° E	47.9'
	5" Spruce	S 69° W	14.4'

Manley 2008-3



DATE OF SURVEY: Beginning <u>July 4, 2007</u> Ending <u>June 21, 2008</u>	NAME OF SURVEYOR: <u>Manley Land Surveyors, Inc.</u> 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. 2006-20	
COSNA REMOTE RECREATIONAL CABIN SITES <i>Creating Tracts A Through H</i> <i>Located Within</i> Gov. Lot 1, Protracted Sec. 19, Township 1 South, Range 19 West, Gov. Lot 3, Surveyed Sec. 24, And Gov. Lot 1, Surveyed Sec. 25, Township 1 South, Range 20 West, And Protracted Section 11, Township 2 South, Range 19 West, Fairbanks Meridian, Alaska MANLEY HOT SPRINGS RECORDING DISTRICT	
DRAWN BY: <u>emg</u> DATE: <u>Sept. 8, 2008</u>	APPROVAL RECOMMENDED: <u>William S. Brown</u> <u>11-26-08</u> For Statewide Plotting Supervisor Date
SCALE: 1" = 100'	CHECKED: <u>RBC</u> FILE No. <u>ASLS 20060020</u>



VICINITY MAP
SCALE: 1 INCH = 1 MILE

Sheet 4 Notes

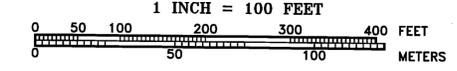
- General Notes applicable to all sheets of this survey appear on Sheet No. 1.
- There are no applicants for Tract E ADL 418248, Tract F ADL 418249, and Tract H ADL 418250.
- The natural meanders of the line of ordinary high water of the Cosna River form the true bounds of Tracts E, F, and H. The approximate 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 E, F, and H are subject to a 100 foot building setback from the ordinary high water line of all water bodies.
- All parcels of land owned by the State of Alaska, located within 50.00 feet of, or bisected by a surveyed 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 North boundary and the West boundary of Section 25, Township 1 South, Range 20 West, Fairbanks Meridian, were surveyed by Tom Rosadiuk, 3239-S, for the State of Alaska. The Alaska State Cadastral Survey of this section was filed on January 30, 1986, as Plot No. 86-2, Manley Hot Springs Recording District.



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.

SCALE



DATE OF SURVEY: Beginning July 4, 2007 Ending June 21, 2008	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. 2006-20 COSNA REMOTE RECREATIONAL CABIN SITES Creating Tracts A Through H Located Within Gov. Lot 1, Protracted Sec. 19, Township 1 South, Range 19 West, Gov. Lot 3, Surveyed Sec. 24, And Gov. Lot 1, Surveyed Sec. 25, Township 1 South, Range 20 West, And Protracted Section 11, Township 2 South, Range 19 West, Fairbanks Meridian, Alaska MANLEY HOT SPRINGS RECORDING DISTRICT	
DRAWN BY: ermg	APPROVAL RECOMMENDED: William S. Brown 11-20-08 Statewide Plotting Supervisor
DATE Sept. 8, 2008	Date
SCALE: 1" = 100'	CHECKED: REG
	FILE No. ASLS 20080020

Manley 2008-3

Monument Caps And Accessories
Set This Survey

WC	10" Birch	N 18° E	9.4'
MC	11" Birch	S 46° E	22.5'
C.1	10" Birch	S 38° W	13.0'
TR.E			
WC	10" Birch	N 19° E	16.8'
C.2	10" Birch	S 65° E	20.7'
TR.E	6" Birch	S 42° W	19.3'
WC	6" Spruce	N 02° E	103.1'
TR.E	10" Birch	N 74° E	64.1'
MC	7" Birch	WEST	90.4'
WC	16" Spruce	N 31° E	4.0'
MC	5" Spruce	N 88° E	32.7'
C.1	26" Spruce	S 05° E	19.0'
TR.F			
WC	6" Birch	N 49° E	67.8'
C.2	16" Spruce	S 76° E	79.4'
TR.H	6" Spruce	S 72° W	46.4'
TR.F			
C.3	4" Spruce	N 23° E	15.6'
	2" Spruce	S 63° E	12.9'
	4" Spruce	N 86° W	17.2'
WC			
MC	7" Spruce	N 51° E	26.1'
C.4	8" Spruce	S 63° E	11.9'
TR.H	8" Spruce	S 16° W	25.2'
WC			
MC	16" Spruce	S 84° E	50.4'
C.1	4" Birch	S 54° W	33.7'
TR.H	10" Spruce	N 52° W	37.4'
WC			
MC	5" Spruce	S 62° E	14.6'
C.2	7" Spruce	S 28° W	9.1'
TR.H	5" Spruce	N 03° W	4.4'
TR.H			
C.3	3" Spruce	N 69° E	36.0'
	3" Spruce	S 24° W	9.4'
	3" Spruce	N 40° W	12.5'
TR.F			
C.4	8" Birch	N 22° E	5.2'
	12" Spruce	S 76° E	15.4'
	8" Birch	N 70° W	4.7'

Legend

- 3 1/4" Diam. Aluminum Cap On Aluminum Post Primary Monument, 3239-S, Recovered This Survey
- Aluminum Cap On Aluminum Post Primary Monument of Record, 3239-S, Not 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
- (R) Record Dimension Per Alaska State Cadastral Survey Plot
- (M) Measured Dimension

Meander Line Table
Cosna River Ordinary High Water Line

Line	Bearing	Distance
F1	N 44°53'15" E	46.72'
F2	N 27°35'17" E	57.78'
F3	N 02°15'16" W	137.30'
F4	N 49°41'12" W	43.43'
F5	N 54°20'11" W	64.50'
F6	N 40°53'41" W	75.95'
F7	N 31°35'06" W	67.36'
F8	N 28°56'12" W	173.22'
F9	N 46°22'34" W	37.32'
F10	N 15°35'12" W	94.93'
H1	N 85°49'06" E	126.98'
H2	N 55°15'52" E	121.01'
H3	N 19°40'57" E	95.30'



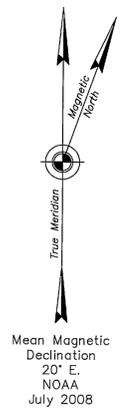
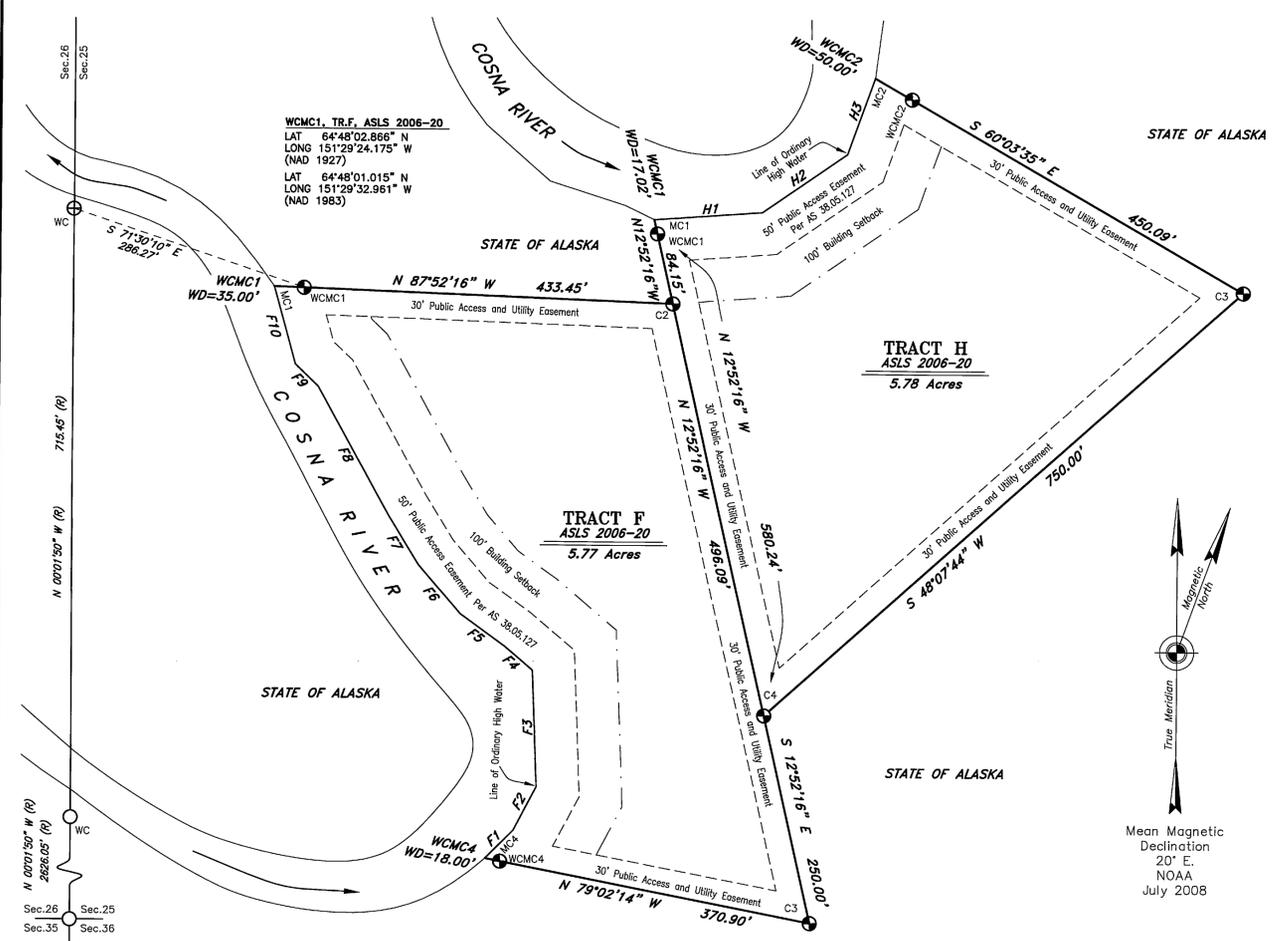
Monument Cap
Recovered This Survey

Meander Line Table
Cosna River Ordinary High Water Line

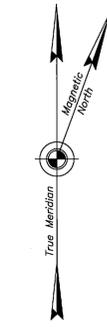
Line	Bearing	Distance
E1	N 77°55'21" W	15.12'
E2	N 89°49'49" W	54.75'
E3	S 74°28'44" W	61.46'
E4	S 53°56'45" W	147.74'
E5	N 86°39'42" W	259.20'
E6	N 81°43'50" W	74.89'
E7	N 59°51'17" W	112.21'
E8	N 29°09'59" W	128.20'
E9	N 19°52'26" W	135.80'
E10	N 05°03'07" E	104.82'
E11	N 21°54'34" E	66.67'
E12	N 42°24'56" E	105.05'
E13	N 78°24'42" E	126.64'
E14	S 80°22'23" E	98.78'
E15	S 63°06'40" E	123.59'
E16	S 69°47'08" E	95.55'
E17	N 67°38'13" E	114.43'
E18	N 31°46'47" E	74.19'



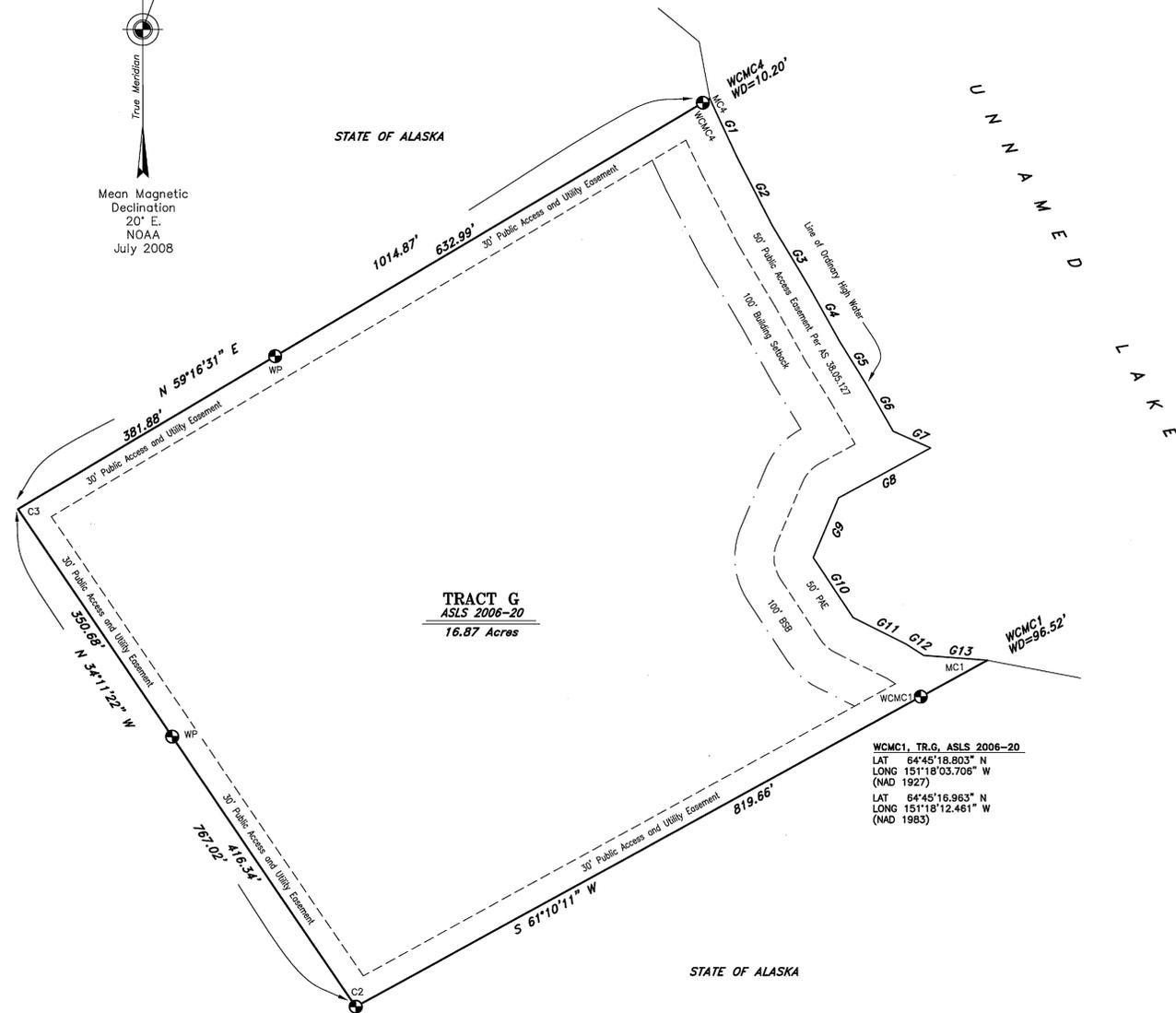
Monument Caps
Recovered This Survey



Mean Magnetic Declination 20° E, NOAA July 2008



Mean Magnetic Declination
20° E.
NOAA
July 2008



TRACT G
ASLS 2006-20
16.87 Acres

WCMC1, TR.G, ASLS 2006-20
LAT 64°45'18.803" N
LONG 151°18'03.706" W
(NAD 1927)
LAT 64°45'16.963" N
LONG 151°18'12.461" W
(NAD 1983)



**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
 - 50' PAE 50' Public Access Easement Per AS 38.05.127
 - 100' BSB 100' Building Setback

Meander Line Table
Unnamed Lake Ordinary High Water Line

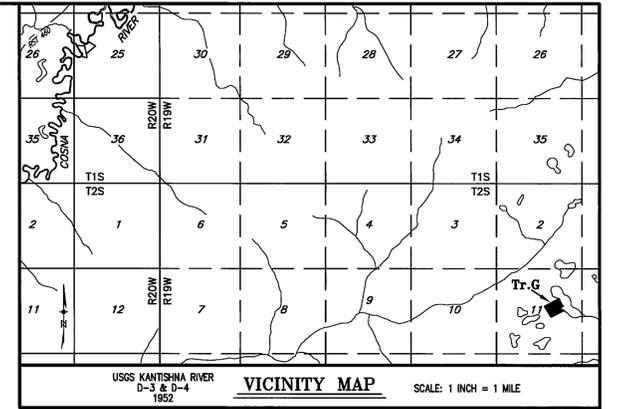
Line	Bearing	Distance
G1	S 24°57'00" E	81.87'
G2	S 27°06'38" E	98.22'
G3	S 30°53'14" E	91.50'
G4	S 29°09'55" E	80.75'
G5	S 31°34'19" E	60.84'
G6	S 29°59'17" E	71.25'
G7	S 65°46'28" E	52.05'
G8	S 61°24'30" W	132.91'
G9	S 22°57'50" W	82.76'
G10	S 33°20'45" E	91.71'
G11	S 63°19'24" E	75.68'
G12	S 57°25'42" E	26.43'
G13	S 85°37'21" E	80.82'

**Monument Caps And Accessories
Set This Survey**

WC				
TR.G MC	5" Birch	S 77° E	19.2'	
C.1	4" Birch	S 22° E	21.8'	
	4" Birch	S 71° W	29.7'	
TR.G C.2	6" Spruce	N 40° E	12.9'	
	4" Spruce	S 28° E	12.6'	
	3" Birch	S 89° W	12.0'	
C.3	3" Spruce	N 34° E	21.9'	
WP TR.G	4" Birch	S 48° E	10.0'	
C.2	4" Spruce	S 22° W	30.5'	
WP C.4	3" Spruce	N 58° E	11.2'	
C.3 TR.G	4" Spruce	S 39° E	4.3'	
	4" Spruce	S 80° W	9.8'	
WC MC	3" Spruce	S 26° E	14.6'	
C.4 TR.G	7" Spruce	S 28° W	15.2'	
	2" Spruce	N 67° W	33.0'	

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 G.
- The natural meanders of the line of ordinary high water of the Unnamed Lake 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.
- Tract G is subject to a 100 foot building setback from the ordinary high water line of all water bodies.
- The true position of Corner 3 was impracticable to monument due to marshy ground conditions.



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. 417057

Dated: 10-10-2008, 2008

John J. Carlson
John J. Carlson

P.O. Box 110311, Anchorage, Alaska 99511

Notary's Acknowledgment

Subscribed and sworn to before me this 10th day of October, 2008

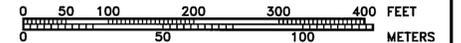
For: John Carlson

J. P. [Signature]
Notary Public for the State of Alaska
My commission expires 11/01/2011



SCALE

1 INCH = 100 FEET



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

DATE OF SURVEY:	NAME OF SURVEYOR:
Beginning <u>July 4, 2007</u>	<u>Manley Land Surveyors, Inc.</u>
Ending <u>June 21, 2008</u>	P.O. Box 68 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. 2006-20

COSNA REMOTE RECREATIONAL CABIN SITES

Creating Tracts A Through H

Located Within
Gov. Lot 1, Prorated Sec. 19, Township 1 South, Range 19 West,
Gov. Lot 3, Surveyed Sec. 24, And Gov. Lot 1, Surveyed Sec. 25,
Township 1 South, Range 20 West,
And Prorated Section 11, Township 2 South, Range 19 West,
Fairbanks Meridian, Alaska
MANLEY HOT SPRINGS RECORDING DISTRICT

DRAWN BY: <u>erng</u>	APPROVAL RECOMMENDED:
DATE <u>Sept. 8, 2008</u>	<u>William S. Brown</u> <u>11-26-08</u>
	For Statewide Plotting Supervisor Date

CHECKED:	FILE No.
<u>1" = 100'</u>	<u>ASLS 20060020</u>

2008-3
Manley HS REC DIST
DATE Dec 5 2008
TIME 2:03 P.M.
Requested By DNR
Address _____