

NOTES

- THIS SURVEY WAS ACCOMPLISHED IN ACCORDANCE WITH AS 38.05.102 AND GSI 2008-33.
- ALL BEARINGS SHOWN ARE TRUE BEARINGS AS ORIENTED TO THE BASIS OF BEARING AND THE DISTANCES SHOWN ARE REDUCED TO HORIZONTAL FIELD DISTANCES.
- THE ERROR OF CLOSURE OF THIS SURVEY DOES NOT EXCEED 1:5000.
- TITLE TO APPARENT ACCRETIONS HAS NOT BEEN CONFIRMED THROUGH QUIET TITLE ACTION. THE APPLICANT IS ASSERTING CLAIM TO THE APPARENT ACCRETIONS AS SHOWN HEREON. APPROVAL OF THIS PLAT DOES NOT PRECLUDE THE STATE FROM OPPOSING A FUTURE QUIET TITLE ACTION. ANY DEDICATION WITHIN THE ACCRETED AREA IS SUBJECT TO THE SAME CLOUD OF TITLE AS THE ACCRETED AREA.
- THE NATURAL MEANDERS OF THE ORDINARY HIGH WATER LINE FORM THE TRUE BOUNDS OF ASLS 2008-33. THE APPROXIMATE LINE OF OHW, AS SHOWN, IS FOR AREA COMPUTATIONS ONLY, WITH THE TRUE CORNERS BEING ON THE EXTENSION OF THE SIDELINES AND THEIR INTERSECTION WITH THE NATURAL MEANDERS.
- NAD27 COORDINATES WERE CONVERTED TO NAD83 USING NADCON V2.11.

BEARING TREE TABLE

CORNER	BEARING TREE NUMBER	BEARING	DISTANCE	TREE TYPE AND DIAMETER
CORNER 1 (C1)	BEARING TREE 1	N59°59'08"W	11.54'	9" ASPEN
	BEARING TREE 2	N09°46'17"E	29.61'	12" ASPEN
	BEARING TREE 3	N61°08'35"E	14.80'	8" ASPEN
CORNER 2 (C2)	BEARING TREE 1	N12°15'08"W	29.97'	6" ASPEN
	BEARING TREE 2	S26°35'00"W	12.00'	7" ASPEN
	BEARING TREE 3	N56°27'46"W	22.99'	6" ASPEN
CORNER 3 (C3)	BEARING TREE 1	N28°34'34"E	43.98'	11" ASPEN
	BEARING TREE 2	N55°37'51"E	42.42'	9" ASPEN
	BEARING TREE 3	N88°40'41"E	38.40'	7" ASPEN
CORNER 4 (C4)	BEARING TREE 1	N33°19'18"E	26.48'	10" ASPEN
	BEARING TREE 2	N64°34'39"E	38.40'	6" ASPEN
	BEARING TREE 3	S83°21'57"E	31.18'	7" ASPEN
CORNER 5 (C5)	BEARING TREE 1	N23°51'12"E	33.12'	10" ASPEN
	BEARING TREE 2	N78°08'33"E	35.71'	9" ASPEN
	BEARING TREE 3	S62°21'53"E	30.81'	8" ASPEN
CORNER 6 (C6)	BEARING TREE 1	N52°23'49"E	61.50'	11" ASPEN
	BEARING TREE 2	N60°48'51"E	31.32'	8" ASPEN
	BEARING TREE 3	N09°17'29"E	8.34'	11" ASPEN
CORNER 7 (C7)	BEARING TREE 1	N59°06'34"W	8.15'	9" ASPEN
	BEARING TREE 2	N30°15'22"E	11.80'	11" ASPEN
	BEARING TREE 3	N71°42'38"E	28.21'	11" ASPEN
WEST WCMC	BEARING TREE 1	S18°38'08"E	12.48'	10" COTTONWOOD
	BEARING TREE 2	S86°32'02"W	15.45'	12" COTTONWOOD
	BEARING TREE 3	N47°45'13"W	25.57'	7" COTTONWOOD
EAST WCMC	BEARING TREE 1	N03°05'01"W	6.45'	7" COTTONWOOD
	BEARING TREE 2	N51°08'22"W	54.01'	7" COTTONWOOD
	BEARING TREE 3	N81°54'49"W	12.89'	7" COTTONWOOD

STANDARD LEGEND:

- GLO/BLM MONUMENT RECOVERED
- GLO/BLM MONUMENT OF RECORD
- PRIMARY MONUMENT SET THIS SURVEY, 2-1/2" ALUMINUM CAP ON 36" LONG STEEL PIPE
- PRIMARY MONUMENT RECOVERED
- SECONDARY MONUMENT RECOVERED
- G.L.O. STONE MONUMENT
- POWER POLE (TYPICAL)
- MHW MEAN HIGH WATER
- OHW ORDINARY HIGH WATER
- (R) RECORD PER BLM PLAT APPROVED JULY 7, 1955
- (R1) RECORD PER PLAT NO. 98-14, DEC. 7, 1998
- (R2) RECORD PER PLAT NO. 2003-2, JUNE 3, 2003
- (C) (CALC) COMPUTED
- (M) (MEAS) MEASURED
- SURVEYED
- - - UNSURVEYED

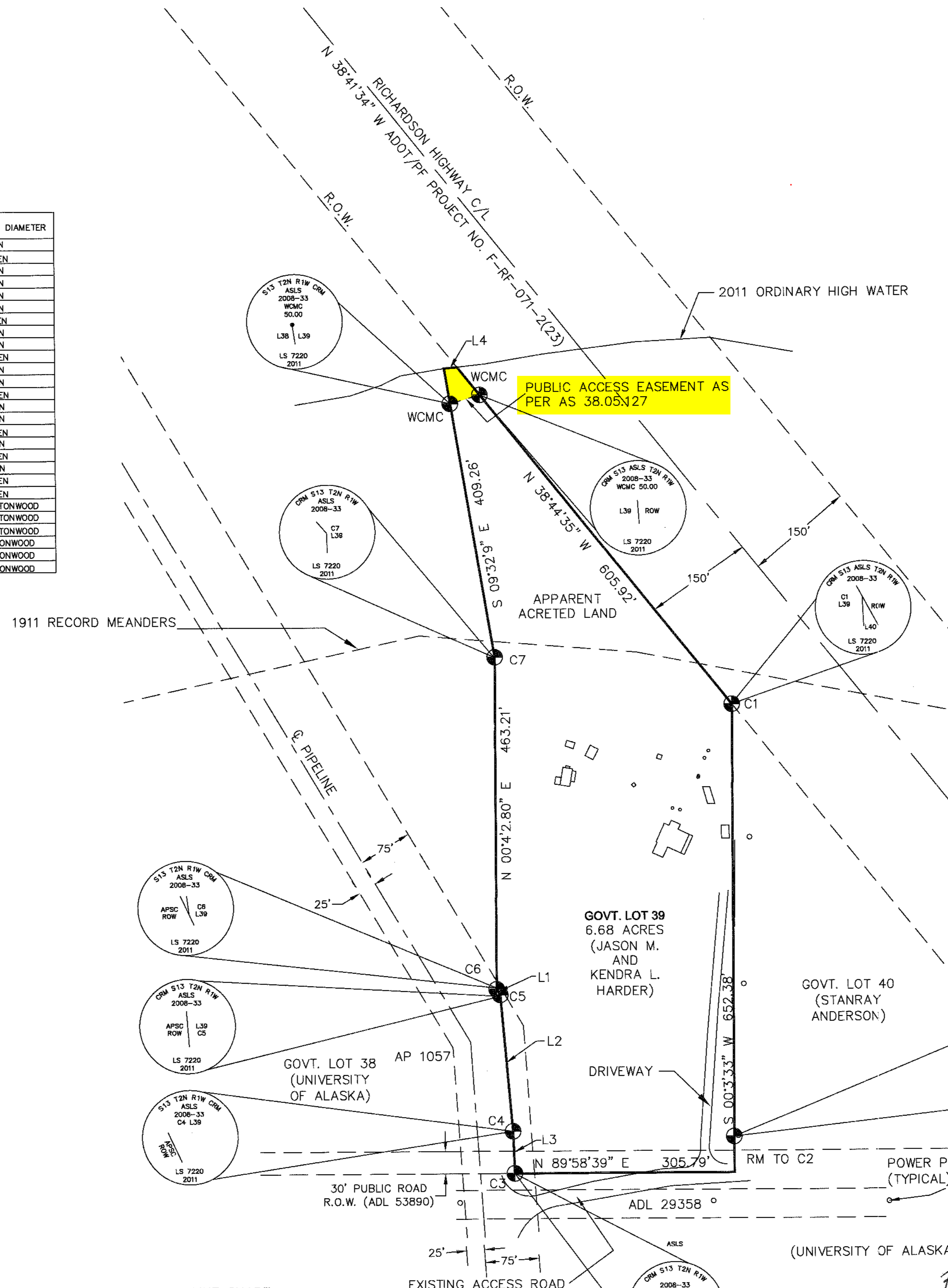
SURVEYOR'S CERTIFICATE

I 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 EXIST AS DESCRIBED, AND THAT ALL DIMENSIONS AND OTHER DETAILS ARE CORRECT.

DATE 3/25/2015 REGISTRATION NO. 7220



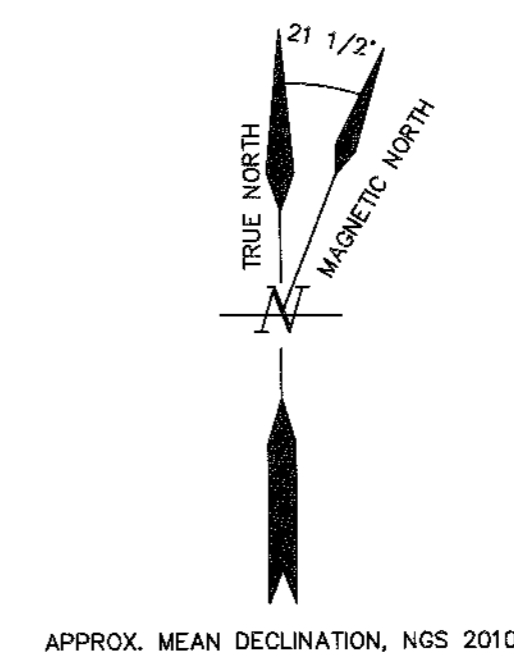
C.D. McCurry Jr., L.S. 7220
REGISTERED LAND SURVEYOR



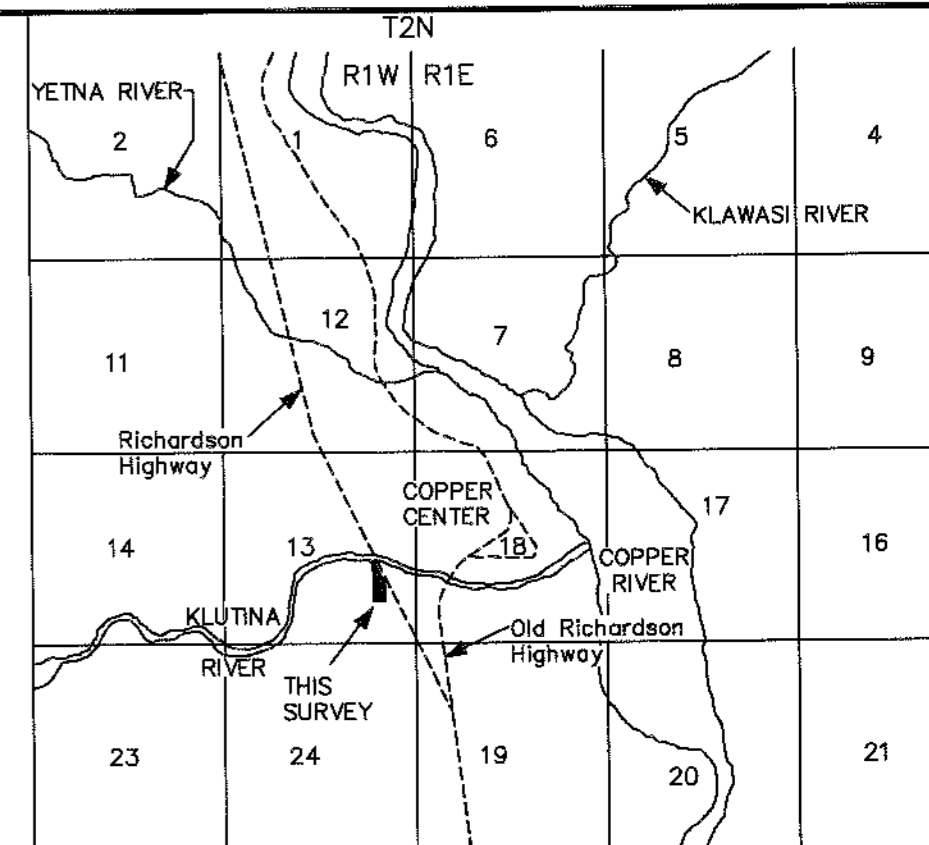
LINE CHART

LINE	BEARING	DISTANCE
L1	S 30°49'17" E	9.34'
L2	S 04°57'54" E	190.71'
L3	S 02°10'10" E	58.58'
L4	N 84°31'10" E	18.10'

Plat# 2015-5 Chitina Recording District



APPROX. MEAN DECLINATION, NGS 2010



VICINITY MAP Scale: 1"=1 Mile
Source: USGS VALDEZ (D-4) 1996

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 NO. 2008-33, 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.

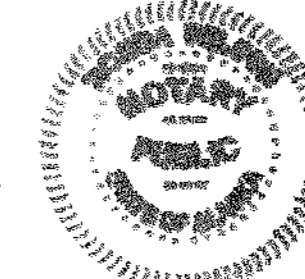
DATE May 08, 2015 Gerald Jennings
DIRECTOR, DIVISION OF MINING, LAND & WATER

NOTARY'S ACKNOWLEDGEMENT

SUBSCRIBED AND SWORN TO BEFORE ME THIS 8th DAY OF May 2015.

BY: Gerald Jennings

Randa Wilson
NOTARY PUBLIC FOR ALASKA
MY COMMISSION EXPIRES with office



APPLICANT CERTIFICATE

WE, THE UNDERSIGNED, HEREBY CERTIFY THAT WE ARE THE APPLICANTS AS SHOWN HEREON. WE HEREBY APPROVE THIS SURVEY AND PLAT. ADL NO. 62370

Jason M. Harder 3-9-15
DATE
Kendra L. Harder 3-9-15
DATE

NOTARY'S ACKNOWLEDGEMENT

SUBSCRIBED AND SWORN TO BEFORE ME THIS 9th DAY OF March 2015.

BY: Jason M. Harder

Kendra L. Harder

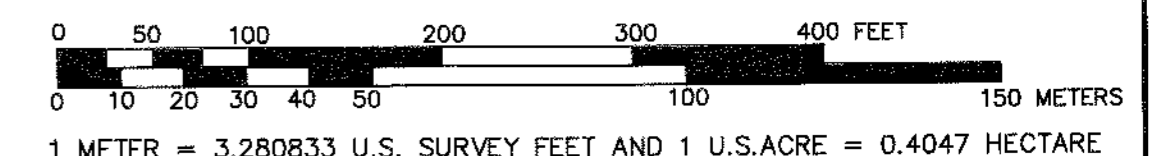
L. Huchakay
NOTARY PUBLIC FOR ALASKA
MY COMMISSION EXPIRES 06-21-2016



TAX CERTIFICATE

THIS LOT LIES OUTSIDE OF ANY TAXING AUTHORITY AT THE TIME OF FILING

GRAPHIC SCALE



1 METER = 3.280833 U.S. SURVEY FEET AND 1 U.S. ACRE = 0.4047 HECTARE

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

ALASKA STATE LAND SURVEY No. 2008-33

SURVEY OF GOVERNMENT LOT 39 AND ACCRETIONS
CONTAINING 6.68 ACRES MORE OR LESS
LOCATED WITHIN
SECTION 13
TOWNSHIP 2 NORTH, RANGE 1 WEST,
COPPER RIVER MERIDIAN, ALASKA
CHITINA RECORDING DISTRICT

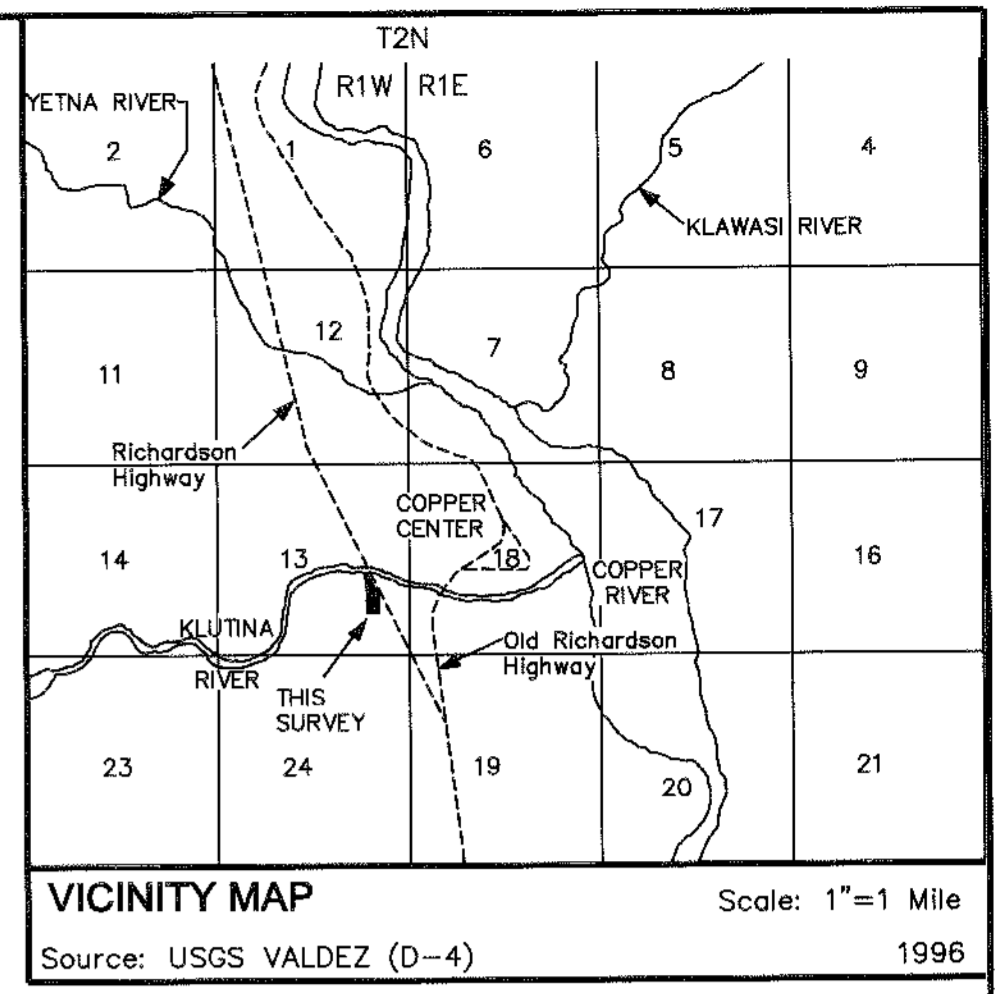
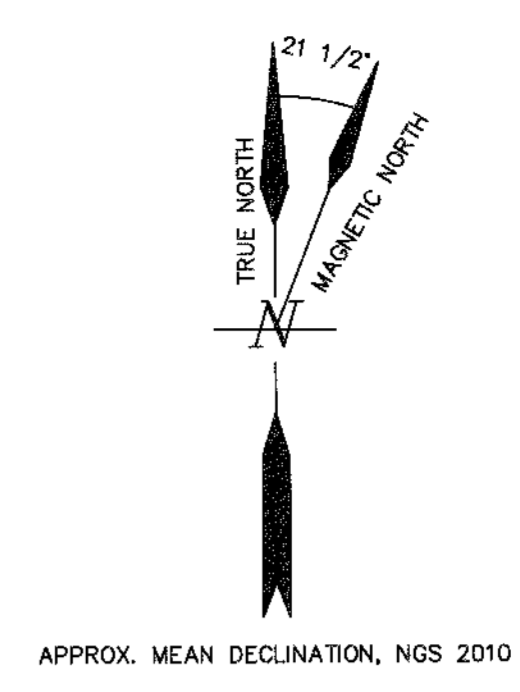
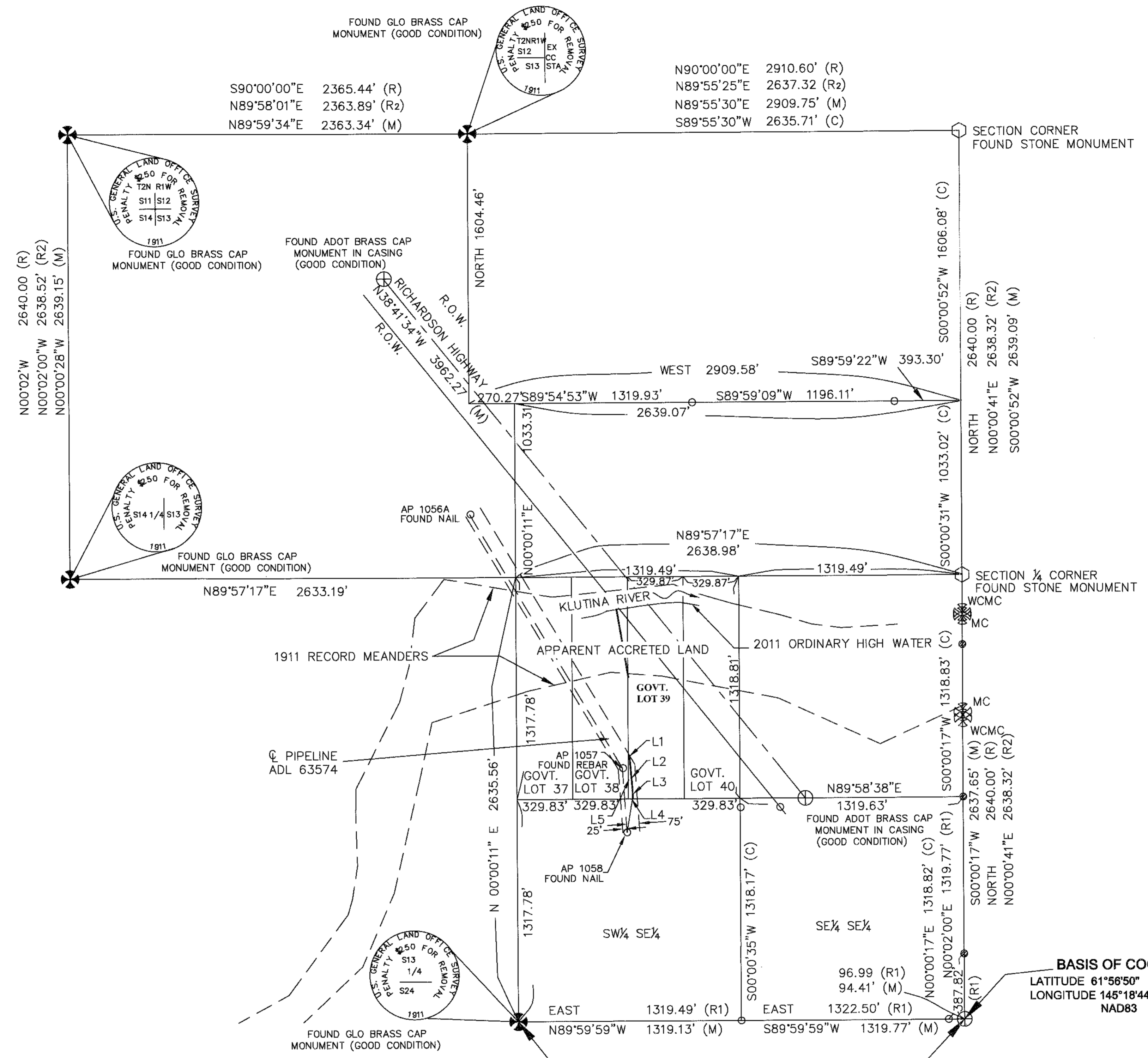
DRAWN BY: MS APPROVAL RECOMMENDED
DATE: 10-23-2011
REVISED: LR 06/17/2014 5/7/2015
SCALE: 1"=100' CHECKED: CDM DNR FILE NO. ASLS 20080033
SHEET 1 OF 3

PLAT APPROVAL

THIS PLAT IS APPROVED BY THE COMMISSIONER OF THE DEPARTMENT OF NATURAL RESOURCES, OR THE COMMISSIONER'S DESIGNEE, IN ACCORDANCE WITH AS40.15.

DATE May 08, 2015
COMMISSIONER Gerald Jennings

BY APPROVAL OF THE PLAT, THE COMMISSIONER OF THE DEPARTMENT OF NATURAL RESOURCES HEREBY ACCEPTS FOR PUBLIC USES AND FOR PUBLIC PURPOSES THE REAL PROPERTY DEDICATED TO THE PUBLIC BY THIS PLAT INCLUDING, BUT NOT LIMITED TO EASEMENTS, RIGHT-OF-WAYS, ALLEYS, AND ROADWAYS SHOWN HEREON. 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.



- LEGEND:**
- GLO/BLM MONUMENT RECOVERED
 - GLO/BLM MONUMENT OF RECORD (NOT LOCATED)
 - PRIMARY MONUMENT SET THIS SURVEY
 - PRIMARY MONUMENT RECOVERED
 - SECONDARY MONUMENT RECOVERED
 - SECONDARY MONUMENT OF RECORD (NOT LOCATED)
 - G.L.O. STONE MONUMENT
 - POWER POLE (TYPICAL)
 - MHW MEAN HIGH WATER
 - OHW ORDINARY HIGH WATER
 - (R) RECORD PER BLM PLAT APPROVED JULY 7, 1955
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 - (C) (CALC) COMPUTED
 - (M) (MEAS) MEASURED
 - SURVEYED
 - - - UNSURVEYED

LINE CHART

LINE	BEARING	DISTANCE
L1	S 30°49'17" E	9.34'
L2	S 04°57'54" E	190.71'
L3	S 02°10'10" E	58.58'
L4	N 89°58'39" E	23.81'
L5	S 00°04'03" W	256.56'

BASIS OF BEARING

S 90°00'00" E 2640.00' (R)
 S 90°00'00" E 2638.98' (R1)
 N 89°59'47" E 2638.92' (R2)
 N 90°00'00" W 2638.90' (M)

BASIS OF COORDINATES

LATITUDE 61°56'50" 61°56'52"
 LONGITUDE 145°18'44" 145°18'36"
 NAD83 & NAD27

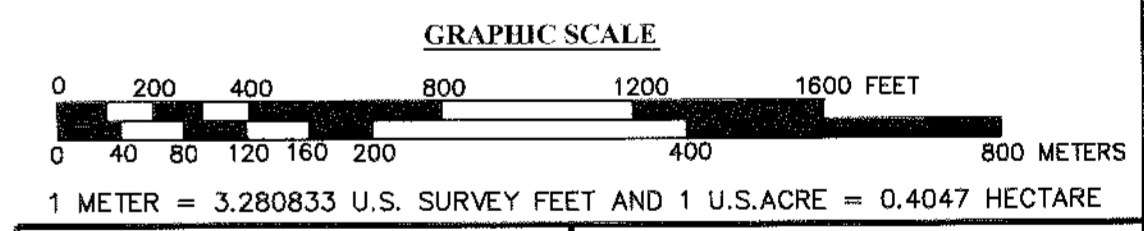
NOTE:
 THE WEIGHTED MEAN BEARING OF THE CENTER SECTION LINE OF SECTION 13 AS SHOWN WAS COMPUTED USING THE FOLLOWING BEARINGS.

N00°00'27"W FROM THE SECTION LINE BETWEEN THE W1/4 CORNER AND THE NW SECTION CORNER.

N00°00'17"E FROM THE SECTION LINE BETWEEN THE SE SECTION CORNER TO THE E1/4 CORNER.

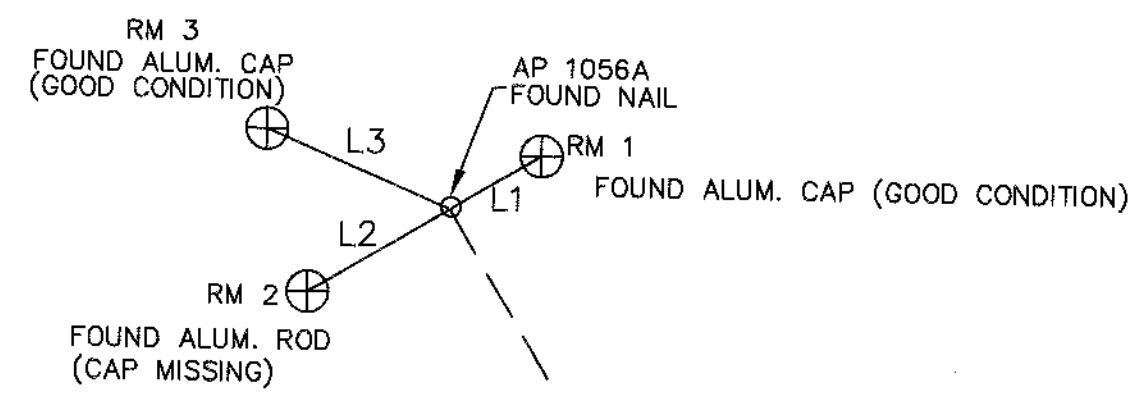
N00°00'44"E FROM THE E1/4 CORNER TO THE NE SECTION CORNER.

COMPUTATION WAS COMPLETED USING THE BUREAU OF LAND MANAGEMENT, MANUAL OF SURVEYING INSTRUCTION 2009, PAGES 70 AND 71.



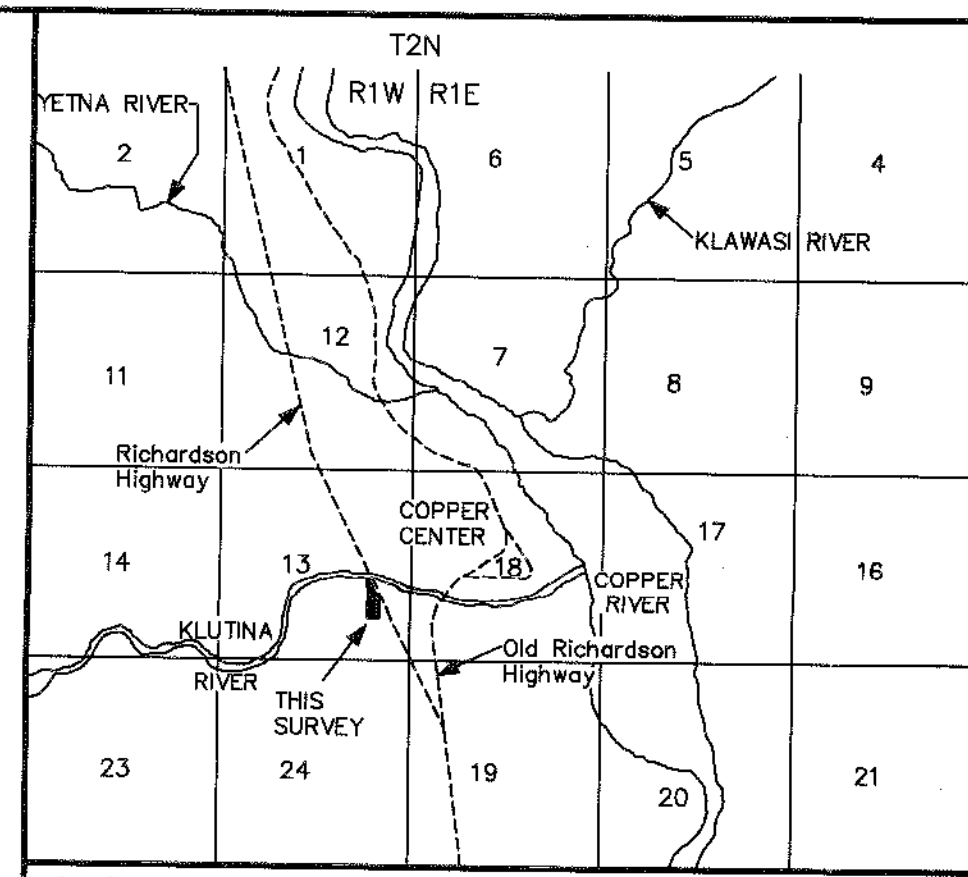
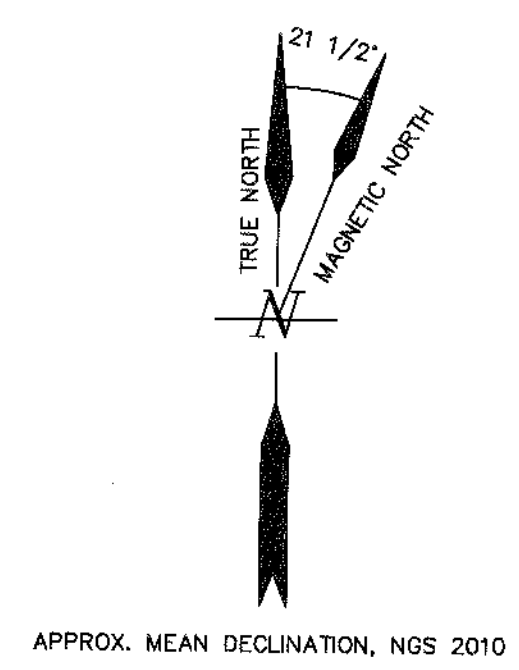
DATE OF SURVEY: 09-15-2010	SURVEYOR: McCURRY & ASSOCIATES HC60 BOX 227H COPPER CENTER, AK 99573
BEGINNING: 07-12-2013	
STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES DIVISION OF MINING, LAND, AND WATER ANCHORAGE, ALASKA	
ALASKA STATE LAND SURVEY No. 2008-33	
SURVEY OF GOVERNMENT LOT 39 AND ACCRETIONS CONTAINING 6.68 ACRES MORE OR LESS LOCATED WITHIN SECTION 13 TOWNSHIP 2 NORTH, RANGE 1 WEST, COPPER RIVER MERIDIAN, ALASKA CHITINA RECORDING DISTRICT	
DRAWN BY: MS DATE: 10-23-2011 REVISED: LR 06/17/2014	APPROVAL RECOMMENDED <i>[Signature]</i> 5/7/2015 STATEWIDE PLATTING SUPERVISOR DATE:
SCALE: 1"=400' SHEET 2 OF 3	CHECKED: CDM DNR FILE NO. ASLS 20080033

Plat# 2015-5 Chitina Recording District

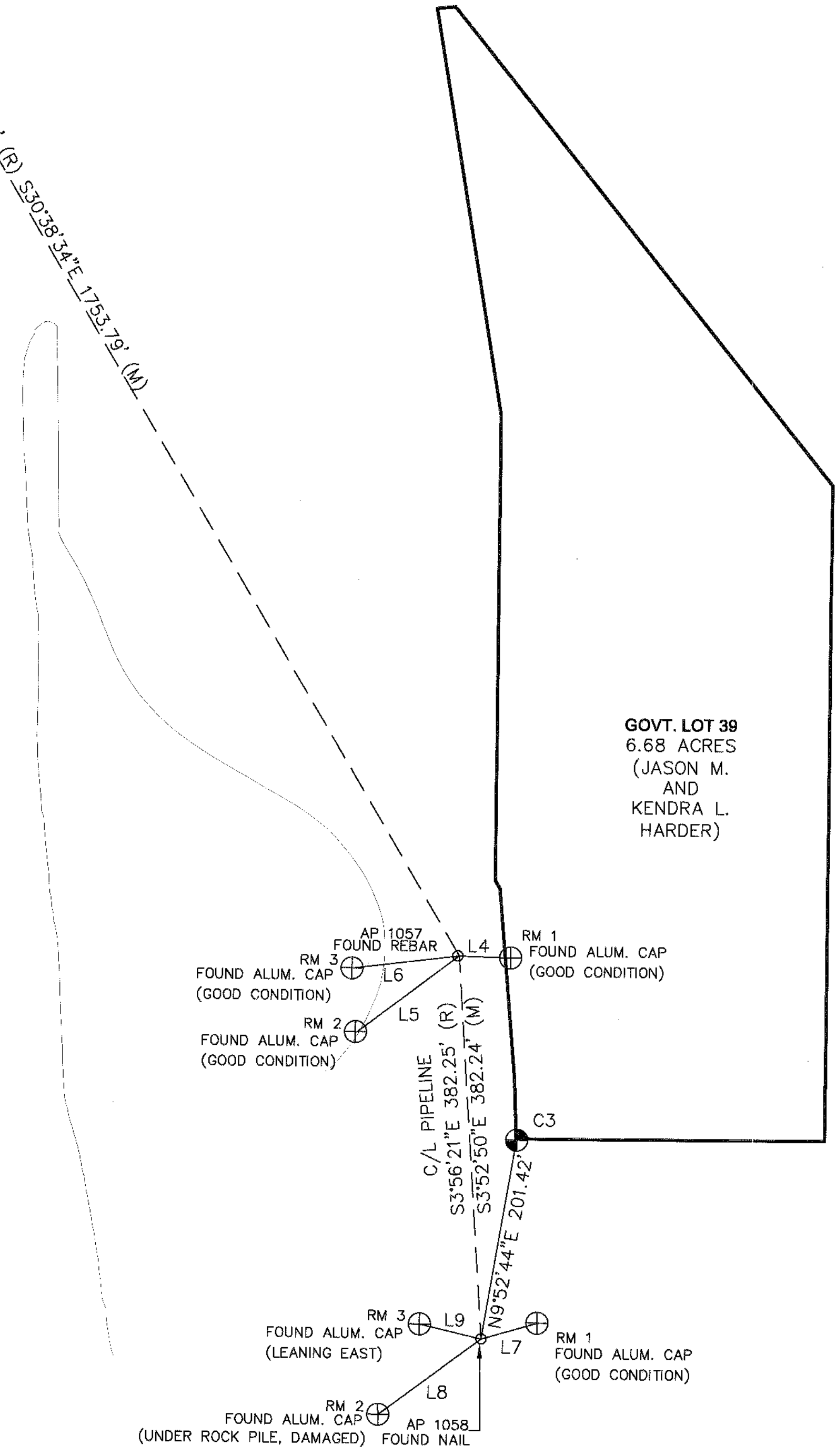


AP TIE LINE CHART

LINE	BEARING	DISTANCE (R)	DISTANCE (M)
L1	N 59°06' E	54.61'	54.70'
L2	S 59°07' W	86.10'	85.97'
L3	N 66°57' W	104.11'	104.11'
L4	S 88°18' E	51.01'	51.01'
L5	S 52°44' W	126.54'	126.53'
L6	S 82°48' W	105.71'	105.68'
L7	N 73°32' E	57.70'	57.72'
L8	S 53°17' W	126.54'	126.53'
L9	N 76°51' W	62.92'	62.86'



C. PIPELINE
 S30°42'08"E 1233.68' (R)
 S30°38'34"E 1733.78' (M)



- LEGEND:**
- ⊗ GLO/BLM MONUMENT RECOVERED
 - ⊗ GLO/BLM MONUMENT OF RECORD
 - ⊕ PRIMARY MONUMENT SET THIS SURVEY
 - ⊕ PRIMARY MONUMENT RECOVERED
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 - POWER POLE (TYPICAL)
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 - SURVEYED
 - - - UNSURVEYED

#2015-5
 Plat #
 Chitina
 Date 5/13/2015
 Time 10:47 AM

GRAPHIC SCALE
 0 50 100 200 400 800 FEET
 0 10 20 30 40 50 100 150 METERS
 1 METER = 3.280833 U.S. SURVEY FEET AND 1 U.S.ACRE = 0.4047 HECTARE

DATE OF SURVEY: BEGINNING: 09-15-2010 ENDING: 07-12-2013
 SURVEYOR: McCURRY & ASSOCIATES HCB0 BOX 227H COPPER CENTER, AK 99573

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DRAWN BY: MS
 DATE: 10-23-2011
 REVISED: LR 06/17/2014
 SCALE: 1"= 100'
 SHEET 3 OF 3

APPROVAL RECOMMENDED
 DATE: 5/1/2015
 STATEWIDE PLATTING SUPERVISOR
 CHECKED: CDM
 DNR FILE NO. ASLS 20080033