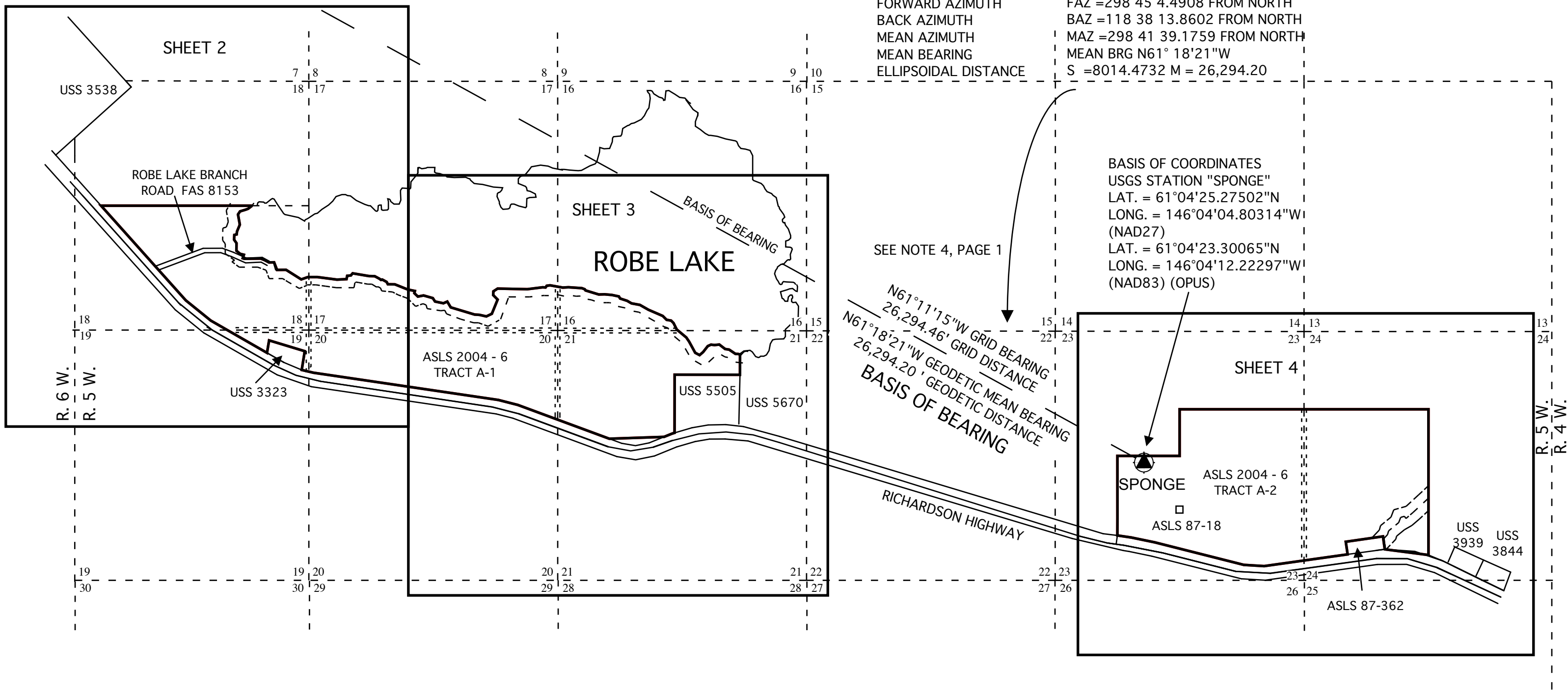


USGS STATION "KNIFE"
LAT. = 61° 06'29.60213"N
LONG. = 146°11'53.84604"W
(NAD27)
LAT. = 61° 06'27.61937"N
LONG. = 146°12'01.30935"W
(NAD83) (OPUS)

KNIFE



OUTPUT FROM INVERSE(NGS)

FIRST STATION : SPONGE

LAT = 61°04'23.30065"NORTH
LON = 146°04'12.22297"WEST

SECOND STATION : KNIFE

LAT = 61° 06'27.61937"NORTH
LON = 146°12'01.30935"WEST

FORWARD AZIMUTH
BACK AZIMUTH
MEAN AZIMUTH
MEAN BEARING
ELLIPSOIDAL DISTANCE

FAZ =298.45 4.4908 FROM NORTH
BAZ =118.38 13.8602 FROM NORTH
MAZ =298.41 39.1759 FROM NORTH
MEAN BRG N61° 18'21"W
S =8014.4732 M = 26,294.20

BASIS OF COORDINATES
USGS STATION "SPONGE"
LAT. = 61°04'25.27502"N
LONG. = 146°04'04.80314"W
(NAD27)
LAT. = 61°04'23.30065"N
LONG. = 146°04'12.22297"W
(NAD83) (OPUS)

SEE NOTE 4, PAGE 1

N61°11'15"W GRID BEARING
26,294.46' GRID DISTANCE
N61°18'21"W GEODETIC MEAN BEARING
26,294.20' GEODETIC DISTANCE
BASIS OF BEARING

APPROXIMATE DECLINATION, 2018
(NGDC, NOAA)

NOTES

- SET 3 1/4" ALUMINUM CAP ON A 2 1/4" X 30" POST WITH MAGNET FIXED TO CAP AND BOTTOM OF POST, 28" IN GROUND
CARSENITE POST SET 1" NORTH
- THIS SURVEY WAS ACCOMPLISHED IN ACCORDANCE WITH AS 29.65 & MSI 2004-6.
- ALL BEARINGS SHOWN ARE TRUE BEARINGS AS ORIENTED TO THE BASIS OF BEARING, AND DISTANCES SHOWN ARE REDUCED TO HORIZONTAL FIELD DISTANCES.
- THE BASIS OF BEARING ON THIS PLAT WAS DETERMINED BY A HIGH PRECISION GPS SURVEY, USING TRIMBLE MODELS 4800 AND 5700 RECEIVERS, DIFFERENTIALLY CORRECTED AND PROCESSED USING TRIMBLE GEOMATICS OFFICE AND NOAA OPUS SOFTWARE. GEODETIC BEARINGS AND DISTANCES WERE COMPUTED USING NGS'S INVERSE SOFTWARE.
- THE ACCURACY OF THIS SURVEY IS GREATER THAN 1:5000.
- ALL PARCELS OF LAND OWNED BY THE STATE OF ALASKA, LOCATED WITHIN 50' OF A SURVEYED OR PROTRACTED SECTION LINE, ARE SUBJECT TO A 50' EASEMENT, EACH SIDE OF THE SECTION LINE, WHICH IS RESERVED TO THE STATE OF ALASKA FOR PUBLIC HIGHWAYS UNDER AS 19.10.010.
- CALCULATED CENTERLINE AND RIGHT OF WAY CURVES ARE BASED ON MEASURED BEARINGS AND DISTANCES BETWEEN EXISTING D.O.T. CENTERLINE AND RIGHT OF WAY MONUMENTS. STATIONING IS BASED ON MEASURED DISTANCES.
- THE RIGHT OF WAY AND RECORD DIMENSIONS AND BEARINGS ARE TAKEN FROM THE FOLLOWING:

ROUTE MAP, SECTION H, RICHARDSON HIGHWAY, FAIRBANKS TO VALDEZ, PREPARED BY U.S. DEPARTMENT OF COMMERCE, BUREAU OF PUBLIC ROADS, DIVISION 10.

DEPARTMENT OF HIGHWAYS PLAN AND PROFILE, PROPOSED HIGHWAY PROJECT, ER-13(1), RICHARDSON HIGHWAY, MILE 1 TO MILE 6, AS-BUILTS, ENTERED 1/17/1966. (R1)

DOT & PF RIGHT OF WAY MAP, ALASKA PROJECT, RF-071-1(25), RICHARDSON HIGHWAY, MILE 6 TO MILE 14, APPROVED 7/25/1983. (R2)

THE BLM PLAT OF TRACT "B" TOWNSHIP 9 SOUTH, RANGE 5 WEST, C.R.M. ACCEPTED JUNE 5, 1991. (R3)

ASLS NO. 79-146, PLAT 80-3, VALDEZ RECORDING DISTRICT, RECORDED 3/14/80. (R4)
ASLS NO. 87-362, PLAT 91-4, VALDEZ RECORDING DISTRICT, RECORDED 4/22/91. (R5)
ASLS NO. 87-18, PLAT 90-14, VALDEZ RECORDING DISTRICT, RECORDED 10/23/90. (R6)
USS 5505 APPROVED 6/11/1970. (R7)
USS 5670 APPROVED 1/14/1974. (R8)
USS 3323 APPROVED 7/23/1968. (R9)
ASCS 98-23, VALDEZ RECORDING DISTRICT, RECORDED 01/04/2000. (R10)
- A PUBLIC ACCESS EASEMENT ON THE BED OF AND 50' UPLAND FROM THE ORDINARY HIGH WATER LINE OF HERMIT CREEK SHALL BE RESERVED ON THIS PLAT IN ACCORDANCE WITH AS 38.05.127.
- A PUBLIC ACCESS EASEMENT 50' UPLAND FROM THE ORDINARY HIGH WATER LINE OF ROBE LAKE SHALL BE RESERVED ON THIS PLAT IN ACCORDANCE WITH AS 38.05.127.
- IN ACCORDANCE WITH THE FINAL FINDING AND DECISION DATED DECEMBER 15, 1997 AND THE PRELIMINARY DECISION DATED OCTOBER 23, 1997 ADL NO. 225451
THERE IS HEREBY RESERVED A BUFFER 200 FEET WIDE, UPLAND FROM THE ORDINARY HIGH WATER MARK OF ANADOMOUS WATERS WITHIN THIS SURVEY AS DETERMINED BY THE STATE AND SHOWN ON THIS PLAT FOR THE PURPOSE OF PRESERVING AND PROTECTING PUBLIC ACCESS AND RECREATIONAL OPPORTUNITIES AND PROTECTING RIPARIAN FISH AND WILDLIFE HABITAT.
- THE LINE OF ORDINARY HIGH WATER OF ROBE LAKE FORMS THE TRUE BOUNDS OF THIS SURVEY. THE APPROXIMATE LINE OF OHW AS SHOWN, IS FOR AREA COMPUTATIONS ONLY, WITH THE TRUE CORNERS BEING ON THE EXTENTION OF THE SIDE LINES AND THEIR INTER-SECTIONS WITH ORDINARY HIGH WATER.

LEGEND

- BLM MONUMENT RECOVERED (IRON POST 2 1/2" WITH BRASS CAP)
- PRIMARY MONUMENT SET THIS SURVEY (SEE NOTE 1)
- PRIMARY MONUMENT RECOVERED (2 1/2" ALUMINUM POST WITH A 3 1/4" ALUMINUM CAP)
- RICHARDSON HIGHWAY CENTERLINE MONUMENT RECOVERED
- U.S.G.S. MONUMENT RECOVERED THIS SURVEY
- SECONDARY MONUMENT RECOVERED (5/8" REBAR W/ 2" ALUM. CAP)
- DOT/PF CONCRETE ROW MARKER (6" X 6" PAINTED YELLOW)
- CALCULATED POSITION - NOTHING SET
- BOUNDARY THIS SURVEY
- ORDINARY HIGH WATER
- 50' PUBLIC ACCESS EASEMENT (SEE NOTES 9 & 10, PAGE 1)
- 200' RIPARIAN BUFFER (SEE NOTE 11, PAGE 1)
- EASEMENT
- PROTRACTED SECTION LINE
- CENTERLINE RICHARDSON HIGHWAY
- (R1) RICHARDSON HIGHWAY, MILE 1 TO MILE 6 (SEE NOTE 8, PAGE 1)
- (R2) RICHARDSON HIGHWAY, MILE 6 TO MILE 14 (SEE NOTE 8, PAGE 1)
- (R3) THE BLM PLAT OF TRACT "B" T 9 S, R 5 W, C.R.M (SEE NOTE 8, PAGE 1)
- (R4) ASLS NO. 79-146 (SEE NOTE 8, PAGE 1)
- (R5) ASLS NO. 87-362 (SEE NOTE 8, PAGE 1)
- (R6) ASLS NO. 87-18 (SEE NOTE 8, PAGE 1)
- (R7) USS 5505 APPROVED 6/11/1970. (R7)
- (R8) USS 5670 APPROVED 1/14/1974. (R8)
- (R9) USS 3323 APPROVED 7/23/1968. (R9)
- (R10) ASCS 98-23 (SEE NOTE 8, PAGE 1)
- (M) MEASURED
- (C) CALCULATED
- WP WITNESS POINT
- C-2 CURVE NUMBER DESIGNATION
- (11) MONUMENT NUMBER DESIGNATION
- C-X CORNER NUMBER

CERTIFICATE OF PAYMENT OF TAXES

I, _____
CITY CLERK FOR THE CITY OF VALDEZ, ALASKA,
DO HEREBY CERTIFY THAT ALL TAXES LEVIED AGAINST THE PROPERTIES
REPRESENTED BY THIS PLAT ARE PAID AS OF _____

PER EXISTING SECTION 3.12.030(A) OF THE VALDEZ CITY CODE,
THE PROPERTIES REPRESENTED BY THIS PLAT ARE CURRENTLY EXEMPT
FROM MUNICIPAL TAXES.

SIGNED _____ DATE _____
CITY CLERK

PLANNING AND ZONING COMMISSION

THIS PLAT CONFORMS TO THE REQUIREMENTS OF THE CITY OF VALDEZ
PLANNING AND ZONING COMMISSION AND IS HEREBY APPROVED.

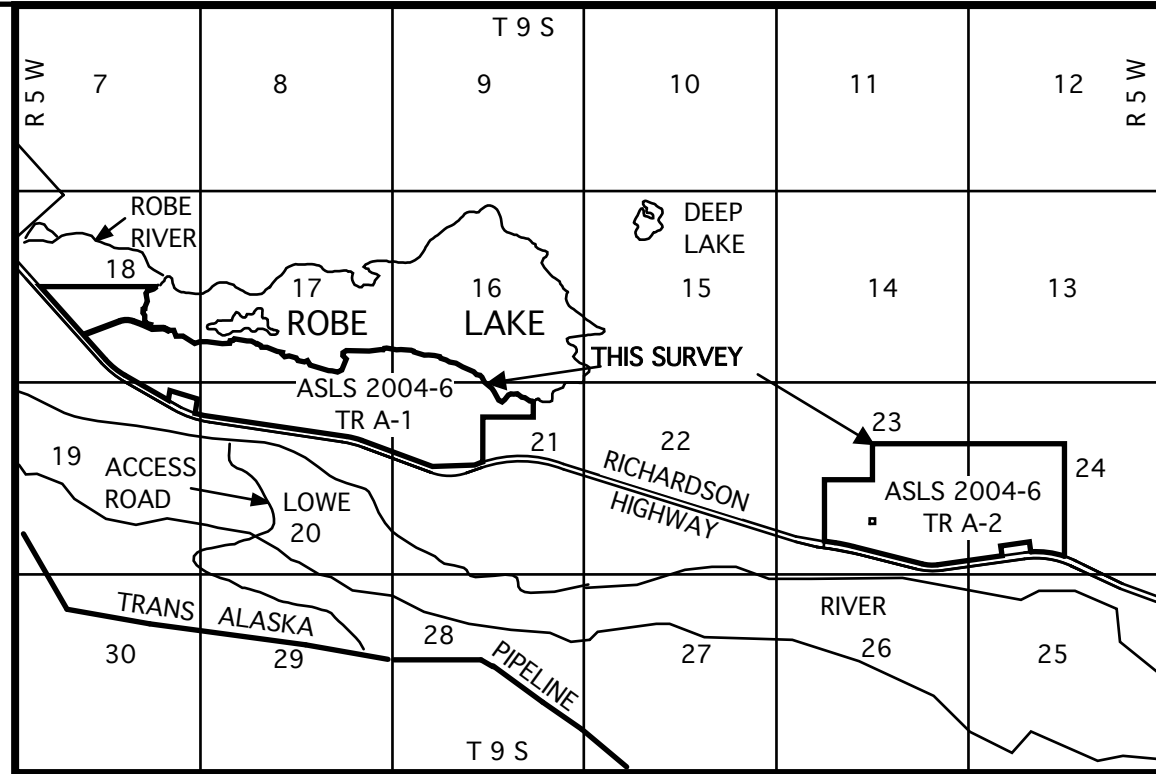
SIGNED _____ DATE _____
JESS GONDEK, CHAIRMAN

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT I AM PROPERLY REGISTERED AND
LICENSED TO PRACTICE LAND SURVEYING IN THE STATE OF
ALASKA, AND THAT THIS PLAT REPRESENTS A SURVEY MADE
BY ME OR UNDER MY DIRECT SUPERVISION, THAT THE MONUMENTS
SHOWN HEREON EXIST AS DESCRIBED, AND THAT ALL OTHER
DETAILS ARE CORRECT.

DATE _____ REGISTRATION NO. 6709-S

TERRY GILMORE REGISTERED LAND SURVEYOR



VICINITY MAP

CERTIFICATE OF OWNERSHIP AND DEDICATION

I, THE UNDERSIGNED, HEREBY CERTIFY THAT I AM THE DIRECTOR,
DIVISION OF MINING, LAND AND WATER, AND THAT THE STATE OF
ALASKA IS THE OWNER OF TRACTS A-1 AND A-2 OF ASLS NO. 2004-6
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 _____ DIRECTOR, DIVISION OF MINING, LAND AND WATER

NOTARY'S ACKNOWLEDGEMENT

SUBSCRIBED AND SWORN TO BEFORE ME THIS ____ DAY

OF _____, 20__

BY: _____

NOTARY FOR THE STATE OF ALASKA
MY COMMISSION EXPIRES _____

APPLICANT CERTIFICATE

(I) WE THE UNDERSIGNED, HEREBY CERTIFY THAT (I AM) WE ARE THE
APPLICANT (S) AS SHOWN HEREON AND THAT (I) WE HEREBY APPROVE THIS
SURVEY AND PLAT.

TRACTS A-1 AND A-2 OF ASLS NO. 2004-6

CITY OF VALDEZ _____ DATE _____
JEREMY O'NEIL, MAYOR

NOTARY'S ACKNOWLEDGEMENT

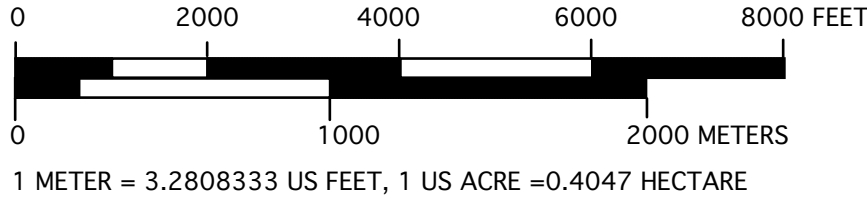
SUBSCRIBED AND SWORN TO BEFORE ME THIS ____ DAY

OF _____, 20__

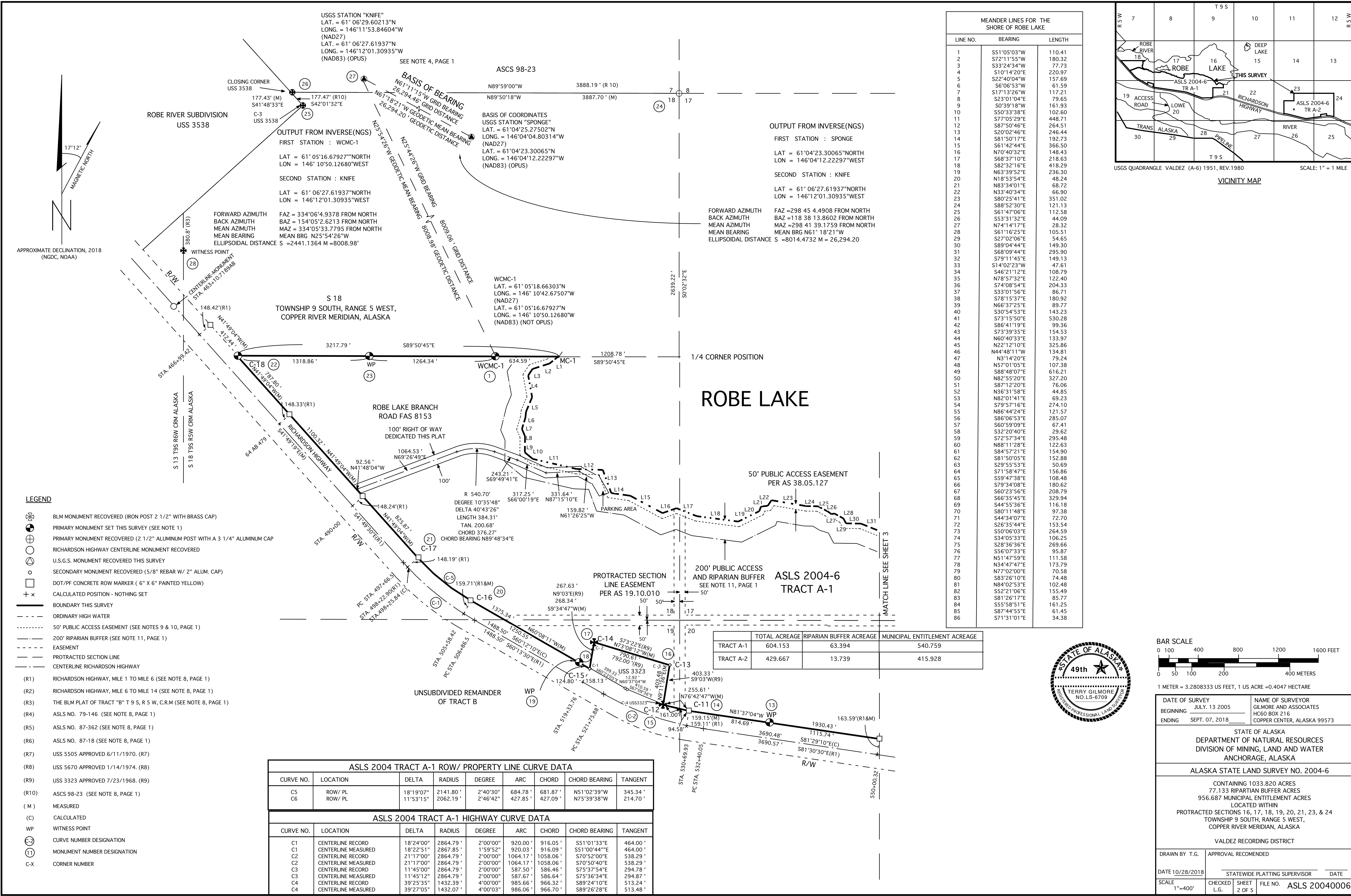
BY: _____

NOTARY FOR THE STATE OF ALASKA
MY COMMISSION EXPIRES _____

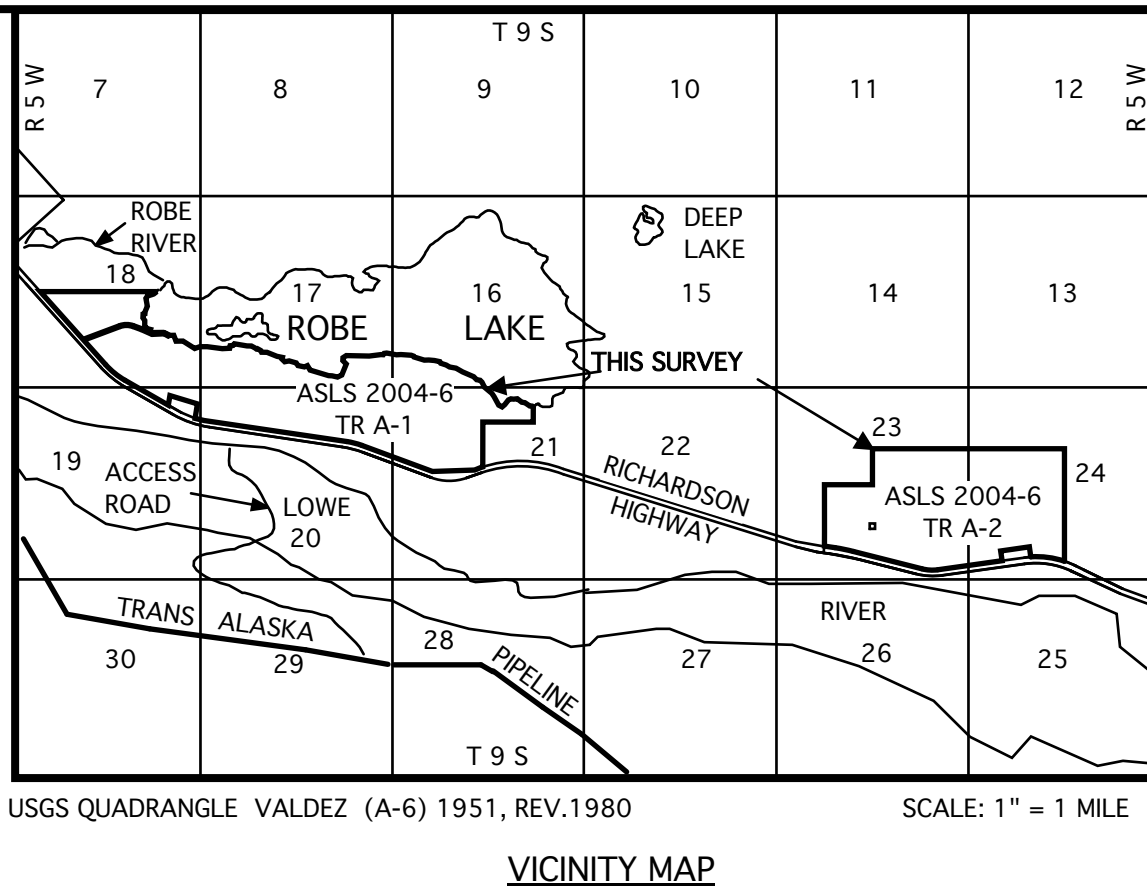
BAR SCALE



DATE OF SURVEY BEGINNING JULY. 13 2005 ENDING SEPT. 07, 2018	NAME OF SURVEYOR GILMORE AND ASSOCIATES HC60 BOX 216 COPPER CENTER, ALASKA 99573
STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES DIVISION OF MINING, LAND AND WATER ANCHORAGE, ALASKA	
ALASKA STATE LAND SURVEY NO. 2004-6	
CONTAINING 1033.820 ACRES 77.133 RIPARTIAN BUFFER ACRES 956.687 MUNICIPAL ENTITLEMENT ACRES LOCATED WITHIN PROTRACTED SECTIONS 16, 17, 18, 19, 20, 21, 23, & 24 TOWNSHIP 9 SOUTH, RANGE 5 WEST, COPPER RIVER MERIDIAN, ALASKA VALDEZ RECORDING DISTRICT	
DRAWN BY T.G.	APPROVAL RECOMMENDED
DATE 10/28/2018	STATEWIDE PLATTING SUPERVISOR DATE
SCALE 1"=2000'	CHECKED L.G. SHEET 1 OF 5 FILE NO. ASLS 20040006



MEANDER LINES FOR THE SHORE OF ROBE LAKE		
LINE NO.	BEARING	LENGTH
1	S51°05'03"W	110.41
2	S72°11'55"W	180.32
3	S33°24'34"W	77.73
4	S10°14'20"E	220.97
5	S22°40'04"W	157.69
6	S6°06'53"W	61.59
7	S17°13'26"W	117.21
8	S23°01'04"E	79.65
9	S0°39'18"W	161.93
10	S50°33'38"E	102.60
11	S77°05'29"E	448.21
12	S87°50'46"E	264.51
13	S20°02'46"E	246.44
14	S81°50'17"E	192.73
15	S61°42'44"E	366.50
16	N70°40'32"E	148.43
17	S68°37'10"E	218.63
18	S82°32'16"E	418.29
19	N63°39'52"E	236.30
20	N18°53'54"E	48.24
21	N83°34'01"E	68.72
22	N33°40'34"E	66.90
23	S80°25'41"E	351.02
24	S88°52'30"E	121.13
25	S61°47'06"E	112.58
26	S53°31'32"E	44.09
27	N74°14'17"E	28.32
28	S61°16'25"E	105.51
29	S27°02'06"E	54.65
30	S89°04'44"E	149.30
31	S68°09'44"E	295.90
32	S79°11'45"E	149.13
33	S14°02'23"W	47.61
34	S46°21'12"E	108.79
35	N78°57'32"E	122.40
36	S74°08'54"E	204.33
37	S33°01'56"E	86.71
38	S78°13'37"E	180.92
39	N66°37'25"E	89.77
40	S30°54'53"E	143.23
41	S73°15'50"E	530.28
42	S86°41'19"E	99.36
43	S73°39'35"E	154.53
44	N60°40'33"E	133.97
45	N22°12'10"E	325.86
46	N44°48'11"W	134.81
47	N3°14'20"E	79.24
48	N57°01'05"E	107.38
49	S88°48'07"E	616.21
50	N82°55'20"E	327.20
51	S87°12'20"E	76.06
52	N36°31'58"E	44.85
53	N82°01'41"E	69.23
54	S79°57'16"E	274.10
55	N86°44'24"E	121.57
56	S86°06'53"E	285.07
57	S60°59'09"E	67.41
58	S32°20'40"E	29.62
59	S72°57'34"E	295.48
60	N88°11'28"E	122.63
61	S84°57'21"E	154.90
62	S81°50'05"E	152.88
63	S29°55'53"E	50.69
64	S71°58'47"E	156.86
65	S59°47'38"E	108.48
66	S79°34'08"E	180.62
67	S60°23'56"E	208.79
68	S66°35'45"E	329.94
69	S44°55'36"E	116.18
70	S80°11'48"E	97.38
71	S44°34'07"E	72.70
72	S26°35'44"E	153.54
73	S50°06'03"E	264.59
74	S34°05'33"E	106.25
75	S28°38'36"E	269.66
76	S56°07'33"E	95.87
77	N51°47'59"E	111.58
78	N34°47'47"E	173.79
79	N77°02'00"E	70.58
80	S83°26'10"E	74.48
81	N84°02'53"E	102.48
82	S52°21'06"E	155.49
83	S81°26'17"E	85.77
84	S55°58'51"E	161.25
85	S87°44'55"E	61.45
86	S71°31'01"E	34.38

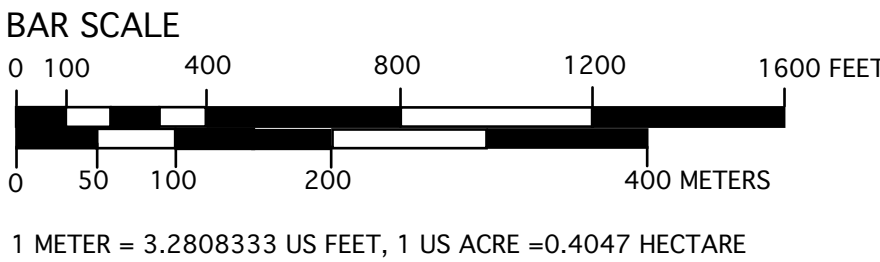


- LEGEND**
- BLM MONUMENT RECOVERED (IRON POST 2 1/2" WITH BRASS CAP)
 - PRIMARY MONUMENT SET THIS SURVEY (SEE NOTE 1)
 - PRIMARY MONUMENT RECOVERED (2 1/2" ALUMINUM POST WITH A 3 1/4" ALUMINUM CAP)
 - RICHARDSON HIGHWAY CENTERLINE MONUMENT RECOVERED
 - U.S.G.S. MONUMENT RECOVERED THIS SURVEY
 - SECONDARY MONUMENT RECOVERED (5/8" REBAR W/ 2" ALUM. CAP)
 - DOT/PP CONCRETE ROW MARKER (6" X 6" PAINTED YELLOW)
 - CALCULATED POSITION - NOTHING SET
 - BOUNDARY THIS SURVEY
 - ORDINARY HIGH WATER
 - 50' PUBLIC ACCESS EASEMENT (SEE NOTES 9 & 10, PAGE 1)
 - 200' RIPARIAN BUFFER (SEE NOTE 11, PAGE 1)
 - EASEMENT
 - PROTRACTED SECTION LINE
 - CENTERLINE RICHARDSON HIGHWAY
 - (R1) RICHARDSON HIGHWAY, MILE 1 TO MILE 6 (SEE NOTE 8, PAGE 1)
 - (R2) RICHARDSON HIGHWAY, MILE 6 TO MILE 14 (SEE NOTE 8, PAGE 1)
 - (R3) THE BLM PLAT OF TRACT "B" T 9 S, R 5 W, C.R.M (SEE NOTE 8, PAGE 1)
 - (R4) ASLS NO. 79-146 (SEE NOTE 8, PAGE 1)
 - (R5) ASLS NO. 87-362 (SEE NOTE 8, PAGE 1)
 - (R6) ASLS NO. 87-18 (SEE NOTE 8, PAGE 1)
 - (R7) USS 5505 APPROVED 6/11/1970. (R7)
 - (R8) USS 5670 APPROVED 1/14/1974. (R8)
 - (R9) USS 3323 APPROVED 7/23/1968. (R9)
 - (R10) ASCS 98-23 (SEE NOTE 8, PAGE 1)
 - (M) MEASURED
 - (C) CALCULATED
 - WP WITNESS POINT
 - C-2 CURVE NUMBER DESIGNATION
 - ① MONUMENT NUMBER DESIGNATION
 - C-X CORNER NUMBER

ASLS 2004 TRACT A-1 ROW/ PROPERTY LINE CURVE DATA								
CURVE NO.	LOCATION	DELTA	RADIUS	DEGREE	ARC	CHORD	CHORD BEARING	TANGENT
C5	ROW/ PL	18°19'07"	2141.80'	2°40'30"	684.78'	681.87'	N51°02'39"W	345.34'
C6	ROW/ PL	11°53'15"	2062.19'	2°46'42"	427.85'	427.09'	N75°39'38"W	214.70'

ASLS 2004 TRACT A-1 HIGHWAY CURVE DATA								
CURVE NO.	LOCATION	DELTA	RADIUS	DEGREE	ARC	CHORD	CHORD BEARING	TANGENT
C1	CENTERLINE RECORD	18°24'00"	2864.79'	2°00'00"	920.00'	916.05'	S51°01'33"E	464.00'
C1	CENTERLINE MEASURED	18°22'51"	2867.85'	1°59'52"	920.03'	916.09'	S51°00'44"E	464.00'
C2	CENTERLINE RECORD	21°17'00"	2864.79'	2°00'00"	1064.17'	1058.06'	S70°52'00"E	538.29'
C2	CENTERLINE MEASURED	21°17'00"	2864.79'	2°00'00"	1064.17'	1058.06'	S70°50'40"E	538.29'
C3	CENTERLINE RECORD	11°45'00"	2864.79'	2°00'00"	587.50'	586.46'	S75°37'54"E	294.78'
C3	CENTERLINE MEASURED	11°45'12"	2864.79'	2°00'00"	587.67'	586.64'	S75°36'34"E	294.87'
C4	CENTERLINE RECORD	39°25'35"	1432.39'	4°00'00"	985.66'	966.32'	S89°24'10"E	513.24'
C4	CENTERLINE MEASURED	39°27'05"	1432.07'	4°00'03"	986.06'	966.70'	S89°26'28"E	513.48'

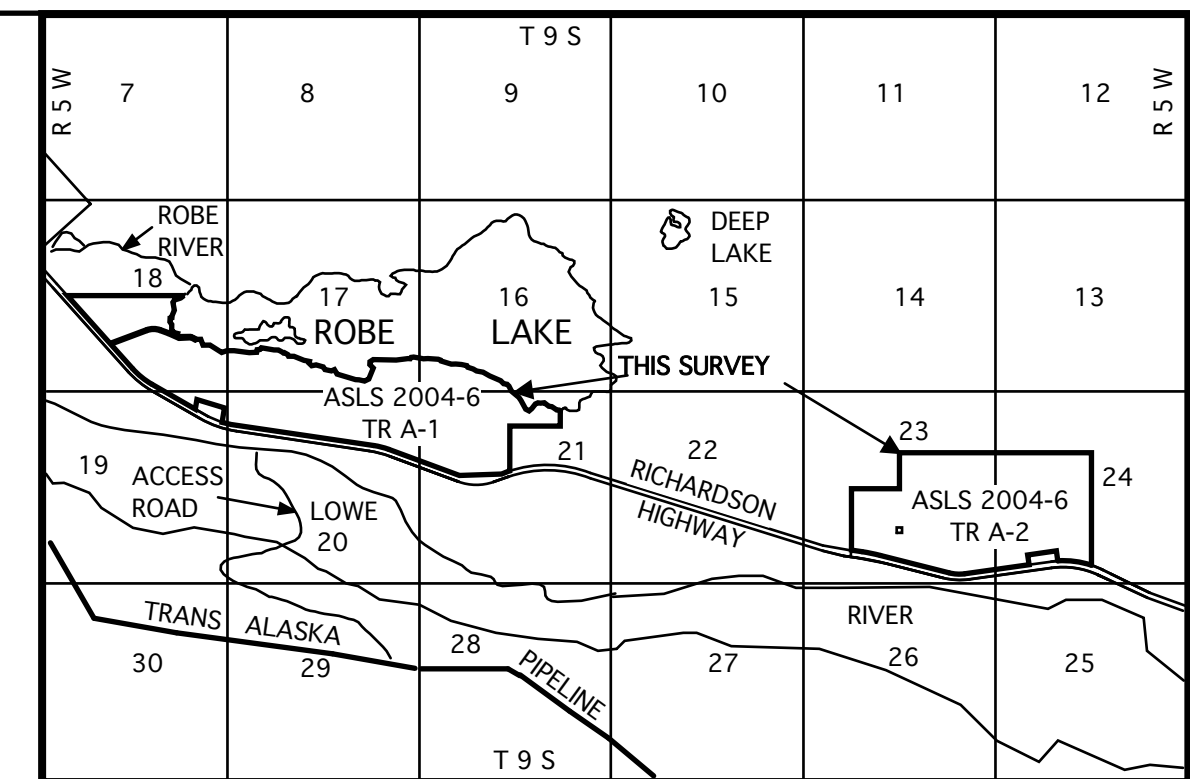
	TOTAL ACREAGE	RIPARIAN BUFFER ACREAGE	MUNICIPAL ENTITLEMENT ACREAGE
TRACT A-1	604.153	63.394	540.759
TRACT A-2	429.667	13.739	415.928



DATE OF SURVEY	JULY, 13 2005	NAME OF SURVEYOR	GILMORE AND ASSOCIATES
BEGINNING			HC60 BOX 216
ENDING	SEPT. 07, 2018		COPPER CENTER, ALASKA 99573

STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES DIVISION OF MINING, LAND AND WATER ANCHORAGE, ALASKA	
ALASKA STATE LAND SURVEY NO. 2004-6	
CONTAINING 1033.820 ACRES 77.133 RIPARIAN BUFFER ACRES 956.687 MUNICIPAL ENTITLEMENT ACRES LOCATED WITHIN PROTRACTED SECTIONS 16, 17, 18, 19, 20, 21, 23, & 24 TOWNSHIP 9 SOUTH, RANGE 5 WEST, COPPER RIVER MERIDIAN, ALASKA	
VALDEZ RECORDING DISTRICT	
DRAWN BY T.G.	APPROVAL RECOMMENDED
DATE 10/28/2018	STATEWIDE PLATTING SUPERVISOR DATE
SCALE 1"=400'	CHECKED L.G. SHEET 2 OF 5 FILE NO. ASLS 20040006

ROBE LAKE

VICINITY MAP

	TOTAL ACREAGE	RIPARIAN BUFFER ACREAGE	MUNICIPAL ENTITLEMENT ACREAGE
TRACT A-1	604.153	63.394	540.759
TRACT A-2	429.667	13.739	415.928

ASLS 2004 TRACT A-1 ROW/ PROPERTY LINE CURVE DATA								
CURVE NO.	LOCATION	DELTA	RADIUS	DEGREE	ARC	CHORD	CHORD BEARING	TANGENT
C5	ROW/ PL	18°19'07"	2141.80 '	2°40'30"	684.78 '	681.87 '	N51°02'39"W	345.34 '
C6	ROW/ PL	11°53'15"	2062.19 '	2°46'42"	427.85 '	427.09 '	N75°39'38"W	214.70 '
ASLS 2004 TRACT A-1 HIGHWAY CURVE DATA								
CURVE NO.	LOCATION	DELTA	RADIUS	DEGREE	ARC	CHORD	CHORD BEARING	TANGENT
C1	CENTERLINE RECORD	18°24'00"	2864.79 '	2°00'00"	920.00 '	916.05 '	S51°01'33"E	464.00 '
C1	CENTERLINE MEASURED	18°22'51"	2867.85 '	1°59'52"	920.03 '	916.09 '	S51°00'44"E	464.00 '
C2	CENTERLINE RECORD	21°17'00"	2864.79 '	2°00'00"	1064.17 '	1058.06 '	S70°32'00"E	538.29 '
C2	CENTERLINE MEASURED	21°17'00"	2864.79 '	2°00'00"	1064.17 '	1058.06 '	S70°50'40"E	538.29 '
C3	CENTERLINE RECORD	11°45'00"	2864.79 '	2°00'00"	587.50 '	586.46 '	S75°37'54"E	294.78 '
C3	CENTERLINE MEASURED	11°45'12"	2864.79 '	2°00'00"	587.67 '	586.64 '	S75°36'34"E	294.87 '
C4	CENTERLINE RECORD	39°25'35"	1432.39 '	4°00'00"	985.66 '	966.32 '	S89°24'10"E	513.24 '
C4	CENTERLINE MEASURED	39°27'05"	1432.07 '	4°00'03"	986.06 '	966.70 '	S89°26'28"E	513.48 '

LEGEND

- BLM MONUMENT RECOVERED (IRON POST 2 1/2" WITH BRASS CAP)

 PRIMARY MONUMENT SET THIS SURVEY (SEE NOTE 1)

 PRIMARY MONUMENT RECOVERED (2 1/2" ALUMINUM POST WITH A 3 1/4" ALUMINUM CAP)

 RICHARDSON HIGHWAY CENTERLINE MONUMENT RECOVERED

 U.S.G.S. MONUMENT RECOVERED THIS SURVEY

 SECONDARY MONUMENT RECOVERED (5/8" REBAR W/ 2" ALUM. CAP)

 DOT/PF CONCRETE ROW MARKER (6" X 6" PAINTED YELLOW)

 CALCULATED POSITION - NOTHING SET

 BOUNDARY THIS SURVEY

 ORDINARY HIGH WATER

 50' PUBLIC ACCESS EASEMENT (SEE NOTES 9 & 10, PAGE 1)

 200' RIPARIAN BUFFER (SEE NOTE 11, PAGE 1)

 EASEMENT

 PROTRACTED SECTION LINE

 CENTERLINE RICHARDSON HIGHWAY

(R1) RICHARDSON HIGHWAY, MILE 1 TO MILE 6 (SEE NOTE 8, PAGE 1)

(R2) RICHARDSON HIGHWAY, MILE 6 TO MILE 14 (SEE NOTE 8, PAGE 1)

(R3) THE BLM PLAT OF TRACT "B" T 9 S, R 5 W, C.R.M (SEE NOTE 8, PAGE 1)

(R4) ASLS NO. 79-146 (SEE NOTE 8, PAGE 1)

(R5) ASLS NO. 87-362 (SEE NOTE 8, PAGE 1)

(R6) ASLS NO. 87-18 (SEE NOTE 8, PAGE 1)

(R7) USS 5505 APPROVED 6/11/1970. (R7)

(R8) USS 5670 APPROVED 1/14/1974. (R8)

(R9) USS 3323 APPROVED 7/23/1968. (R9)

(R10) ASCS 98-23 (SEE NOTE 8, PAGE 1)

(M) MEASURED

(C) CALCULATED

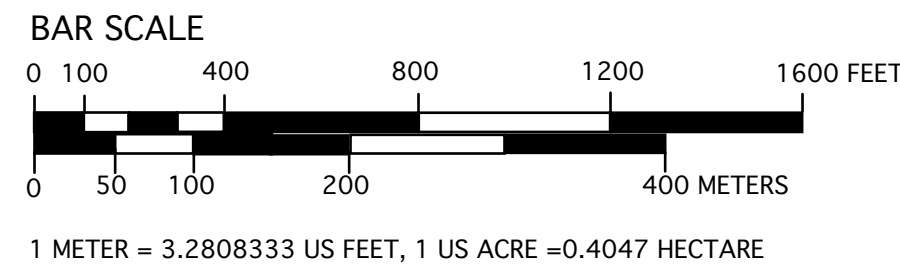
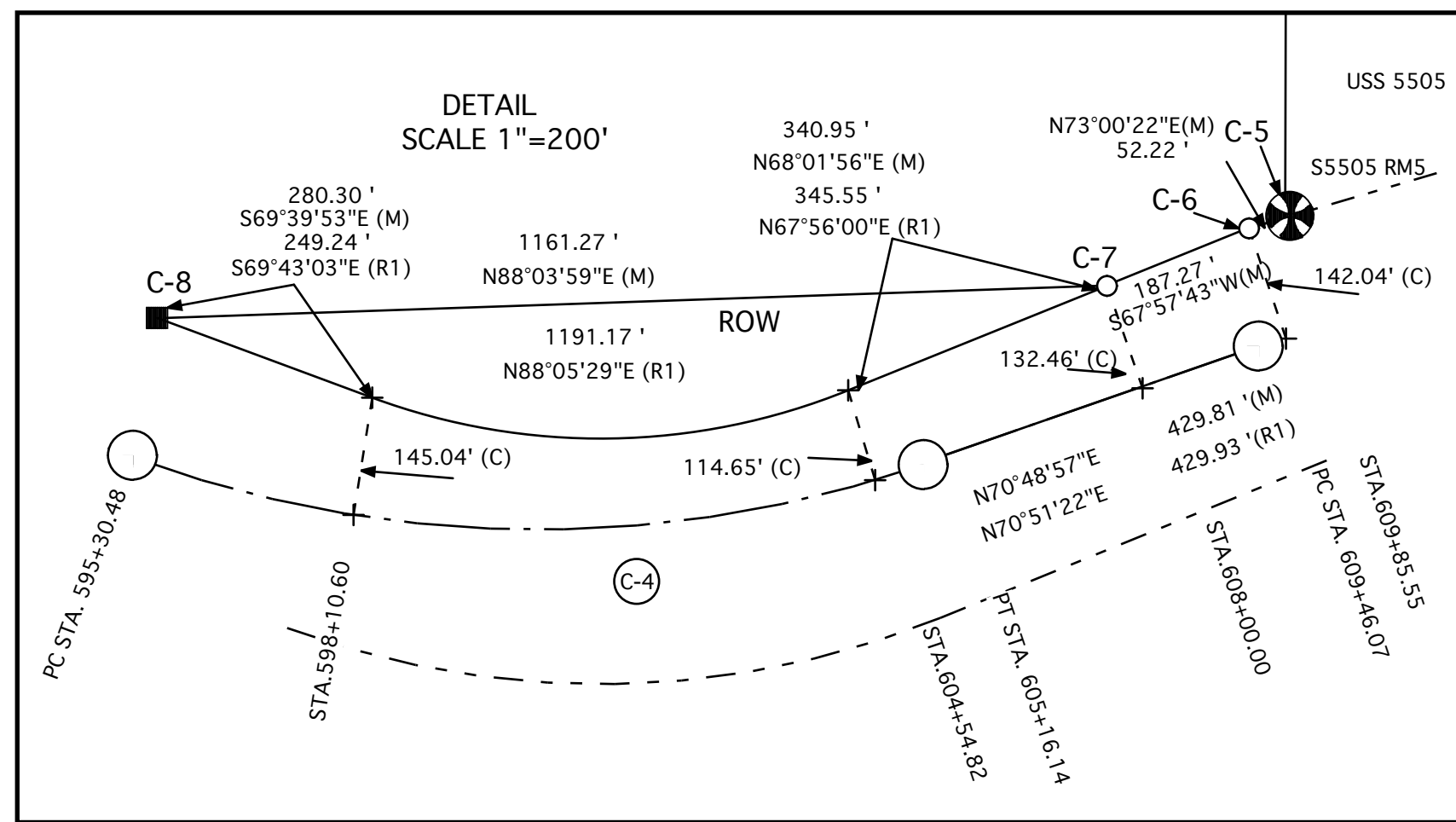
WP WITNESS POINT

 CURVE NUMBER DESIGNATION

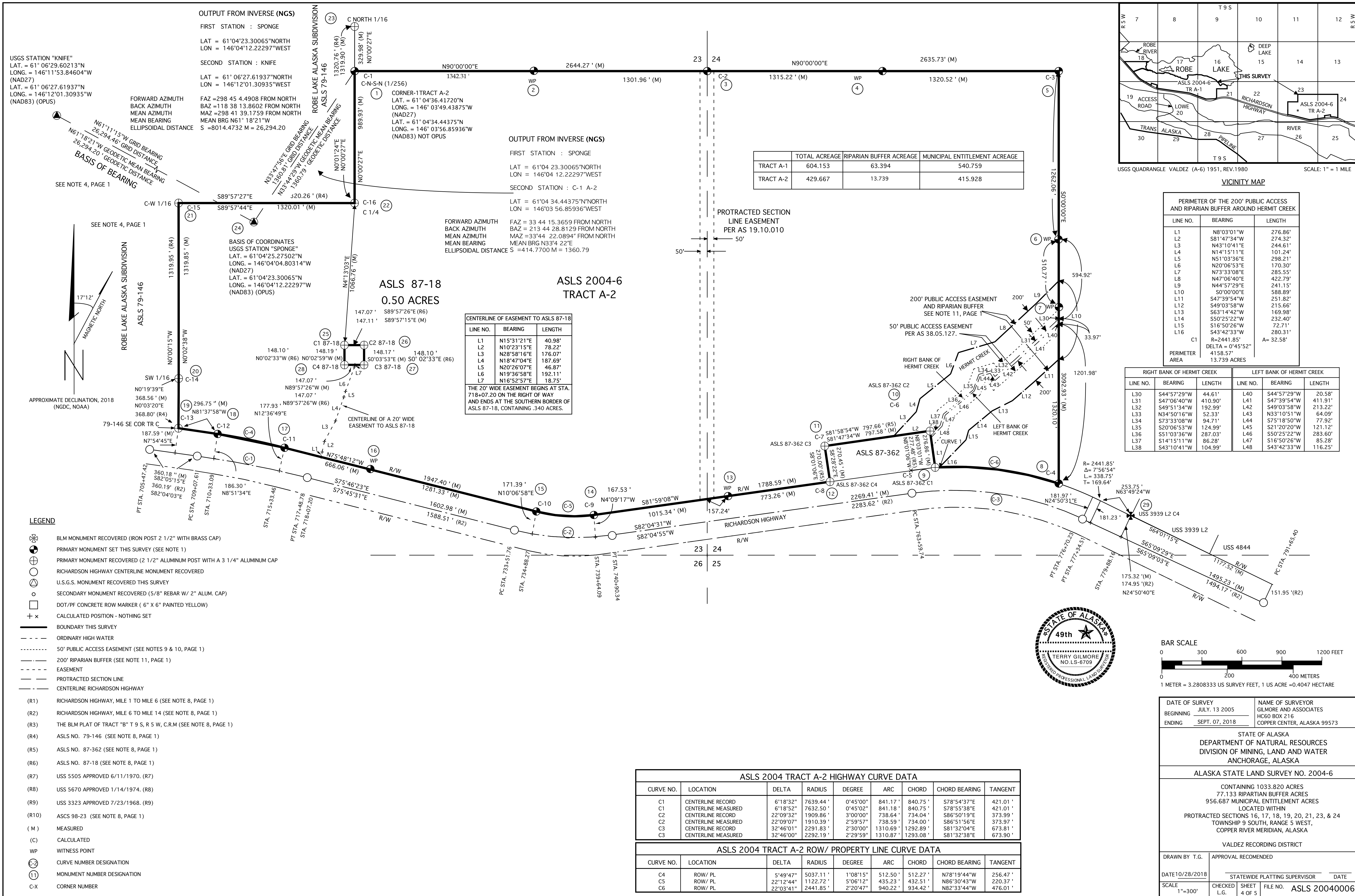
 MONUMENT NUMBER DESIGNATION

C-X CORNER NUMBER

UNSUBDIVIDED REMAINDER
OF TRACT B



DATE OF SURVEY JULY. 13 2005		NAME OF SURVEYOR GILMORE AND ASSOCIATES	
BEGINNING		HCGO BOX 216	
ENDING		COPPER CENTER, ALASKA 99573	
STATE OF ALASKA			
DEPARTMENT OF NATURAL RESOURCES			
DIVISION OF MINING, LAND AND WATER			
ANCHORAGE, ALASKA			
ALASKA STATE LAND SURVEY NO. 2004-6			
CONTAINING 1033.820 ACRES			
77.133 RIPARIAN BUFFER ACRES			
956.687 MUNICIPAL ENTITLEMENT ACRES			
LOCATED WITHIN			
PROTRACTED SECTIONS 16, 17, 18, 19, 20, 21, 23, & 24			
TOWNSHIP 9 SOUTH, RANGE 5 WEST,			
COPPER RIVER MERIDIAN, ALASKA			
VALDEZ RECORDING DISTRICT			
DRAWN BY T.G.		APPROVAL RECOMMENDED	
DATE 10/28/2018		STATEWIDE PLATTING SUPERVISOR	
SCALE		DATE	
1"=400'		FILE NO.	
CHECKED L.G.		ASLS 20040006	
SHEET 3 OF 5			



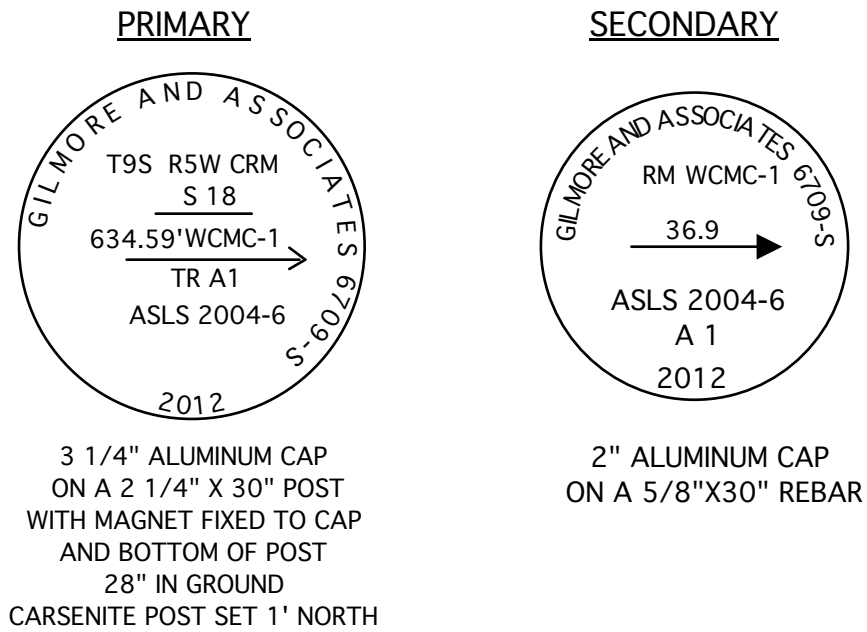
MONUMENT ACCESSORIES ASLS 2004-6 TRACT A-2									
No.	DESCRIPTION	TREE	BEARING	DIST.	No.	DESCRIPTION	TREE	BEARING	DIST.
1	T9S RSW CRM S 23 C1 C-N-S-N 1/256 TR A-2 ASLS 2004-6 2014 6709-S	RM 1 RM 2	EAST EAST	16.21' 29.90'	16	WP ASLS 2004-6 TR A-2 ROW 2012 6709-S	RM 1 RM 2	S75°48'13"E S75°48'13"E	7.70' 13.10'
2	T9S RSW CRM S 23 WP ASLS 2004-6 A-2 2014 6709-S	RM 1 RM 2	EAST EAST	11.90' 24.01'	17	ASLS 2004-6 TR A-2 C11 ROW 2012 6709-S	RM 1 RM 2	NORTH NORTH	15.89' 26.00'
3	T9S RSW CRM S23 S24 C 2 ASLS 2004-6 A-2 2015 6709-S	RM 1 RM 2	WEST WEST	8.05' 4.60'	18	ASLS 2004-6 A-2 C12 ROW 2012 6709-S	16"C 19"C 11"C	S 19° 30'E S 52° 45'W S 71° 00'W	18.60' 28.22' 9.25'
4	T9S RSW CRM S 24 WP ASLS 2004-6 A-2 2015 6709-S	RM 1 RM 2	EAST EAST	9.35' 14.90'	19	79-146 3203-S TR-C UNSUB RICH HYWY 1979	RM 1 RM 2	NORTH SOUTH	15.00' 15.00'
5	T9S RSW CRM S 24 C 3 TR A-2 ASLS 2004-6 2015 6709-S	RM 1 RM 2	WEST EAST	8.75' 14.90'	20	79-146 T9S RSW CRM SW 1/16 S23 1979	RM 1 RM 2	NORTH EAST	4.80' 4.14'
6	WP ASLS 2004-6 A-2 2014 6709-S	RM 1 RM 2	NORTH NORTH	5.06' 9.70'	21	79-146 T9S RSW CRM C 1/16 S23 1979	RM 1 RM 2	WEST EAST	3.25' 3.98'
7	WP ASLS 2004-6 A-2 2014 6709-S	RM 1 RM 2	NORTH NORTH	6.10' 11.90'	22	79-146 T9S RSW CRM CNT 1/4 S23 1979	RM 1 RM 2	N 82° 00'W S 87° 00'E	4.04' 3.55'
8	ASLS 2004-6 TR A-2 C4 ROW 2012 6709-S	RM 1 RM 2	WEST WEST	9.30' 5.50'	23	79-146 T9S RSW CRM CNT N 1/16 S23 1979	RM 1 RM 2	WEST EAST	3.63 3.90'
9	ASLS 87-362 C-1 4026 1989	RM 1 RM 2	S84° 10' 03"W N08° 01'06"W	7.50' 19.64'	24	US C&G SURVEY SPONGE ▽ 1941	RM 1 RM 2	N 0° 13'44"E N 01° 13'18"E	12.52' 14.52'
10	ASLS 87-362 C2 4026 1989	RM 1 RM 2	S08° 01'06"E S81° 58'54"W	55.60' 8.00'	25	87-18 3098-S SEC 23 T 1987			
11	ASLS 87-362 C3 4026 1989	RM 1 RM 2	N81° 58'54" E S08° 01'06" E	30.20' 31.00'	26	87-18 3098-S 2 SEC 23 1987			
12	ASLS 87-362 C-4 4026 1989	RM 1 RM 2	N 08° 01'06 W N 81° 58'54" E	26.00' 18.10'	27	87-18 3098-S 3 SEC 23 1987			
13	TR A-2 ASLS 2004-6 WP ROW 2013 6709-S	RM 1 RM 2	N 81° 59'08" E N 81° 59'08" E	7.70' 9.90'	28	87-18 3098-S SEC 23 4 1987			
14	ASLS 2004-6 TR A-2 C9 ROW 2012 6709-S	RM 1 RM 2	N 36° 30'00 W N 36° 30'00 W	8.66' 20.60'	29	DEPT OF INTERIOR S3939 L2 C4 1964 BLM	15" S 34" S	N 71° 00'E N 87° 00'W	19.8' 13.2'
15	ASLS 2004-6 TR A-2 C10 ROW 2012 6709-S	RM 1 RM 2	N 27° 00'00 W N 27° 00'00 W	10.25' 22.26'					

C = COTTONWOOD S = SPRUCE A = ASPEN RM= REFERENCE MONUMENT (5/8"X30" REBAR WITH ALUMINUM CAP)

MONUMENT ACCESSORIES ASLS 2004-6 TRACT A-1									
No.	DESCRIPTION	TREE	BEARING	DIST.	No.	DESCRIPTION	TREE	BEARING	DIST.
1	T9S RSW CRM S 18 634.59"WCMC-1 TR A1 ASLS 2004-6 2012 6709-S	RM 1 RM 2	N89°50'45"W N89°50'45"W	18.50' 36.90'	15	DEPT OF INTERIOR S3223 L1 C4 L1A 1957 BLM	WELL HOUSE CORNERS NE SW	N 24° 00'E N 45° 00'W	10.0' 10.0'
2	DEPT OF INTERIOR WC MC S5670 C2 1970 BLM				16	PHILLIPS TR 1 8136S 2003	APT. HOUSE CORNERS NW NE	S 63° 30'W S 28° 00'W	103.40' 63.40'
3	DEPT OF INTERIOR C7 S5505 1968 BLM	PIT PIT	WEST SOUTH	3' 3'	17	DEPT OF INTERIOR S3223 L1 C2 1957 BLM	30" C 40" C	N 58° 00'W S 09° 00'W	22.60' 72.80'
4	DEPT OF INTERIOR C6 S5505 1968 BLM	PIT PIT	EAST SOUTH	3' 3'	18	PHILLIPS TR 3 ROW 8136S 2003	34" C 7" C	N 56° 00'W S 45° 00'W	74.10' 7.92'
5	DEPT OF INTERIOR S5505 1968 BLM				19	WP ASLS 2004-6 A-1 ROW 2013 6709-S	RM 1 RM 2	S 60° 08'11 E S 60° 08'11 E	18.00' 28.17'
6	REBAR NO CAP				20	DOT 6"X6" CONCRETE R/W MONUMENT			
7	REBAR NO CAP				21	DOT 6"X6" CONCRETE R/W MONUMENT			
8	DOT 6"X6" CONCRETE R/W MONUMENT				22	T9S RSW CRM S 18 C 18 TR A-1 ASLS 2004-6 2012 6709-S	RM 1 RM 2	S41°49'56"E S41°49'56"E	25.12' 50.51'
9	WP ASLS 2004-6 A-1 ROW 2013 6709-S	RM 1 RM 2	S 69° 43'54 E S 69° 43'54 E	13.10' 22.20'	23	T9S RSW CRM S 18 WP ASLS 2004-6 A-1 2014 6709-S	RM 1 RM 2	S89°50'45"E S89°50'45"E	20.22' 44.65'
10	ASLS 2004-6 TR A-1 C9 ROW 2012 6709-S	RM 1 RM 2	S 69° 43'54 E S 69° 43'54 E	7.10' 10.40'	24	ASCS 98-23 T9S S 7 S 8 S 18 S 17 RSW 1998 6709-S	RM 1 RM 2	N 00° 07'50" W S 89° 59' W	50.00' 50.00'
11	ASLS 2004-6 C10 ROW 2012 6709-S	RM 1 RM 2	N 81° 37'09 W N 81° 37'09 W	7.70' 11.90'	25	DEPT OF INTERIOR S3538 L1 C3 1968 BLM	15" S 17" S	N 41° 00' E S 67° 00' W	8' 4'
12	WP ASLS 2004-6 A-1 ROW 2013 6709-S	RM 1 RM 2	S 81° 37'09 E S 81° 37'09 E	7.20' 11.10'	26	ASCS 98-23 CC T9S S 9 S 18 RSW 1998 6709-S	18" S 12" S 16" S	S 11° 45' E S 52° 30' E N 43° 03' W	31.55' 43.96' 64.64'
13	WP ASLS 2004-6 A-1 ROW 2013 6709-S	RM 1 RM 2	S 81° 37'09 E S 81° 37'09 E	11.85' 20.00'	27	US C&G SURVEY KNIFE ▽ 1941	RM 1 RM 2	N 1° 18'30"E N 2° 53'00"E	13.36' 70.04'
14	DOT 6"X6" CONCRETE R/W MONUMENT				28	DEPT OF INTERIOR T 9 S WP RSW S13 S18 1970 BLM	20" C 30" C	S 61° E N 15° W	164.30' 174.20'

C = COTTONWOOD S = SPRUCE A = ASPEN PIT= PIT RM= REFERENCE MONUMENT (5/8"X30" REBAR WITH ALUMINUM CAP)

TYPICAL MONUMENTS SET



DATE OF SURVEY BEGINNING JULY. 13 2005 ENDING SEPT. 07, 2018	NAME OF SURVEYOR GILMORE AND ASSOCIATES HC60 BOX 216 COPPER CENTER, ALASKA 99573
STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES DIVISION OF MINING, LAND AND WATER ANCHORAGE, ALASKA	
ALASKA STATE LAND SURVEY NO. 2004-6	
CONTAINING 1033.820 ACRES 77.133 RIPARTIAN BUFFER ACRES 956.687 MUNICIPAL ENTITLEMENT ACRES LOCATED WITHIN PROTRACTED SECTIONS 16, 17, 18, 19, 20, 21, 23, & 24 TOWNSHIP 9 SOUTH, RANGE 5 WEST, COPPER RIVER MERIDIAN, ALASKA	
VALDEZ RECORDING DISTRICT	
DRAWN BY T.G.	APPROVAL RECOMMENDED
DATE 10/28/2018	STATEWIDE PLATTING SUPERVISOR DATE
SCALE	CHECKED L.G. SHEET 5 OF 5 FILE NO. ASLS 20040006