

**NOTES:**

- THIS SURVEY WAS ACCOMPLISHED IN ACCORDANCE WITH AS 38.04.045, GSC 838, AND SSI ASLS NO. 2019-20.
- 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 100 PPM.
- 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 FIFTY 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.
- BOTH UNNAMED LAKES ARE SUBJECT TO A 50-FT CONTINUOUS EASEMENT UPLAND FROM THE ORDINARY HIGH WATER (OHW) MARK IN ACCORDANCE WITH AS 38.05.127 AND A MINIMUM 50-FT BUILDING SETBACK FROM THE OHW TO PROTECT ACCESS, FISH AND WILDLIFE HABITAT, AND PERSONAL PROPERTY PER THE YUKON TANANA AREA PLAN (YAP).
- BEARINGS AND DISTANCES ARE THE RESULT OF A HIGH PRECISION GLOBAL NAVIGATION SATELLITE SYSTEM TECHNOLOGY SURVEY IN THE NAD 83(2011) DATUM, USING TOPCON RECEIVERS, DIFFERENTIALLY CORRECTED AND PROCESSED USING MAGNET TOOLS, VERSION 7.0 SOFTWARE. ALL BEARINGS ARE ORIENTED TO THE U.S. BUREAU OF LAND MANAGEMENT RECORD BEARING FOR THE EAST LINE OF TOWNSHIP 1 NORTH, RANGE 21 WEST, FAIRBANKS MERIDIAN, PER THE PLAT OF SAID TOWNSHIP ACCEPTED BY THE U.S. DEPT. OF INTERIOR, BUREAU OF LAND MANAGEMENT ON MAY 25, 1988. ALASKA ZONE 4 STATE PLANE GRID DISTANCES WERE MULTIPLIED BY A COMBINED SCALE FACTOR OF 1.000049558401 TO COMPUTE GROUND DISTANCES. THE MEASURED GRID BEARING BETWEEN THE RECOVERED MONUMENTS USED FOR THE BASIS OF BEARINGS IS N01°31'58.9"E, RESULTING IN A ROTATION OF 1°32'58.9" FROM THE BASIS OF BEARING TO THE MEASURED GRID BEARING.
- BASIS OF COORDINATES - THE SHOWN FOUND NAD 83(2011) COORDINATES ARE FROM AN NGS OPUS SOLUTION (EPOCH: 2010.0000) FOR THE FOUND SE CORNER OF SECTION 12, T1N, R21W, FM. THE COORDINATES WERE CONSTRAINED TO THE NATIONAL SPATIAL REFERENCE SYSTEM USING THE CORS REFERENCE STATIONS: WKR (PID D01823), FAI1 (PID DK4095), AND CLGO (PID DL6459). THE NAD83(2011) COORDINATES WERE CONVERTED TO NAD27 COMPUTED POSITIONS USING NCAT VERSION 2.0.1.
- THE NATURAL MEANDERS OF THE ORDINARY HIGH WATER (OHW) OF THE UNNAMED LAKES FORM THE TRUE BOUNDARY FOR LOTS 1 THROUGH 16. THE APPROXIMATE LINE OF OHW, AS SHOWN, IS FOR AREA COMPUTATIONS ONLY, WITH THE TRUE CORNERS BEING THE EXTENSION OF THE SIDELINES AND THEIR INTERSECTION WITH THE NATURAL MEANDERS.
- LEGAL ACCESS TO ALL LOTS WITHIN ASLS 2019-20 IS VIA THE NAVIGABLE WATERS OF THE LARGE UNNAMED LAKE.
- PARCELS MAY CONTAIN WETLANDS. A U.S. ARMY CORPS OF ENGINEERS WETLAND PERMIT MAY BE REQUIRED TO DEVELOP ANY WETLAND AREAS.

**LEGEND**

- ☒ GLO/BLM MONUMENT RECOVERED: CONDITION AND TYPE AS NOTED
- PRIMARY MONUMENT SET THIS SURVEY: 3.25" ALUMINUM CAP ON 2.5" DIA. ALUMINUM POST, 30" LONG, 12136-S
- SECONDARY MONUMENT SET THIS SURVEY: 2" ALUMINUM CAP ON 5/8" DIA. REBAR, 30" LONG, 12136-S
- TRIANGULAR MARKER RECOVERED ON 3/4 IN. DIAM. ALUMINUM DRIVE ROD. CONDITION AS NOTED.
- UNSURVEYED PROTRACTED SECTION LINE
- SURVEYED
- SECTION LINE EASEMENT
- 50' PUBLIC ACCESS EASEMENT
- 30' PUBLIC PEDESTRIAN EASEMENT
- OHW ORDINARY HIGH WATER - 2021
- (R) (REC) RECORD PER BLM PLAT ACCEPTED MAY 25, 1986
- (C) (CALC) COMPUTED PER PROTRACTION DIAGRAM
- (M) (MEAS) MEASURED
- APPROXIMATE APPARENT WETLAND AREAS PER NATIONAL WETLANDS INVENTORY MAPPING

**BASIS OF BEARING**  
 N00°01'00"W 10569.81' (M) 10561.98' (R)  
 BLM PLAT ACCEPTED MAY 25, 1986

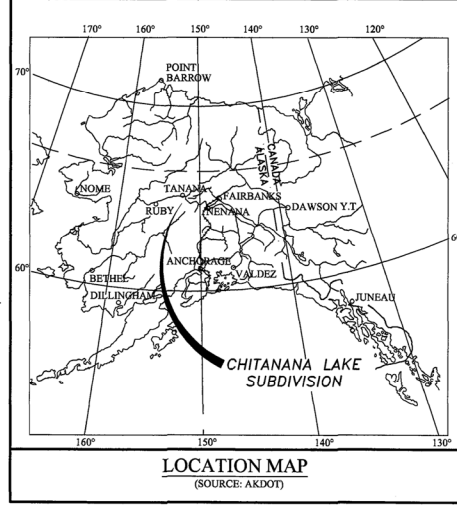
**BASIS OF COORDINATES**  
 NAD83(2011)  
 LAT: NORTH 64°55'16.03711"  
 LONG: WEST 151°42'56.92792"  
 NAD27  
 LAT: NORTH 64°55'17.90340"  
 LONG: WEST 151°42'48.09446"

**TYPICAL CAP MARKINGS OF SECONDARY MONUMENTS SET THIS SURVEY**

**TYPICAL CAP MARKINGS OF PRIMARY MONUMENTS SET THIS SURVEY**

**STATE OF ALASKA ASLS 2019-20**

NOAA NGDC 6/28/2021 AT THE SE CORNER OF SEC. 12 T1N, R21W, FM



**CERTIFICATE OF OWNERSHIP**

I, THE UNDERSIGNED, CERTIFY THAT I AM THE DIRECTOR, DIVISION OF MINING, LAND AND WATER AND THAT THE STATE OF ALASKA IS THE OWNER OF ASLS NO. 2019-20, AS SHOWN HEREON. I HEREBY APPROVE THIS SURVEY AND PLAT FOR THE STATE OF ALASKA, AND DEDICATE OR RESERVE FOR THE PUBLIC OR PRIVATE USE AS NOTED, ALL EASEMENTS, PUBLIC UTILITY AREAS, AND RIGHTS-OF-WAY AS SHOWN AND DESCRIBED HEREON.

DATE: 8/23/2022

*Swadlow M. Samelis*  
 DIRECTOR, DIVISION OF MINING, LAND, AND WATER

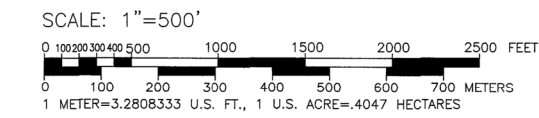
**NOTARY'S ACKNOWLEDGMENT**

SUBSCRIBED AND SWORN BEFORE ME THIS 23 DAY OF August, 2022

By *Gwen Gervelis*  
 PERSONALLY APPEARING BEFORE ME,

**STATE OF ALASKA NOTARY PUBLIC**  
 Victoria Braun  
 My Commission Expires With Office

*Victoria Braun*  
 NOTARY PUBLIC FOR ALASKA  
 MY COMMISSION EXPIRES w/office



DATE OF SURVEY: BEGINNING: JUNE 16, 2021 ENDING: SEPTEMBER 9, 2021	SURVEYOR: 3-TIER ALASKA (907) 451-7411 326 DRIVEWAY ST. FAIRBANKS, AK 99701 AK CORP. BUS. LIC. NO. 157876
--------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------

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

PLAN OF SURVEY AND CONCEPTUAL DESIGN  
**ALASKA STATE LAND SURVEY No. 2019-20**

**CHITANANA LAKE SUBDIVISION**

A SUBDIVISION OF UPLAND PORTIONS OF NE1/4 SECTION 10, THE W1/2 GOV'T LOT 1 OF SECTION 11, AND UPLAND PORTIONS OF NW1/4 OF SECTION 14

CREATING LOTS 1-16 CONTAINING 136.05 ACRES MORE OR LESS

LOCATED WITHIN PROTRACTED TOWNSHIP 1 NORTH, RANGE 21 WEST, FAIRBANKS MERIDIAN, ALASKA  
 MANLEY HOT SPRINGS RECORDING DISTRICT

DRAWN BY: OJL DATE: 7-22-2022 SCALE: 1"=500'	APPROVAL RECOMMENDED <i>Karen Bow</i> STATEWIDE PLATTING SUPERVISOR DATE: 8/19/2022	FILE NO. 12136 S.
----------------------------------------------------	----------------------------------------------------------------------------------------------	----------------------

SDL 2-28-2022 ASLS 20190020

**PLAT APPROVAL CERTIFICATE**

THIS PLAT IS APPROVED BY THE COMMISSIONER OF THE DEPARTMENT OF NATURAL RESOURCES, OR THE COMMISSIONER'S DESIGNEE, IN ACCORDANCE WITH A.S. 40.15.

*Swadlow M. Samelis* 8/23/2022  
 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.

**TAX CERTIFICATE**

THIS SUBDIVISION IS NOT SUBJECT TO TAXATION AT THE TIME OF FILING.

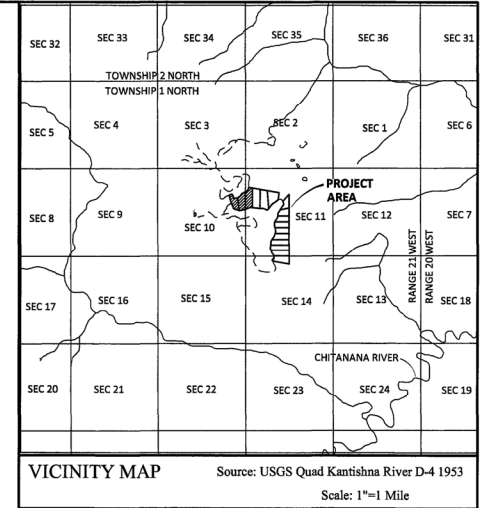
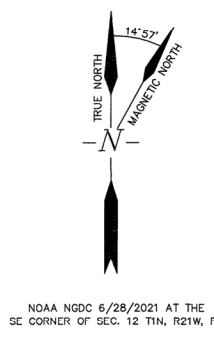
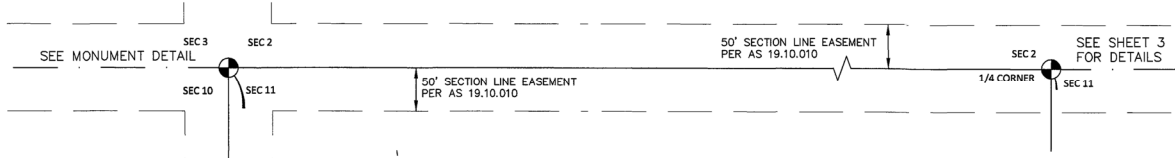
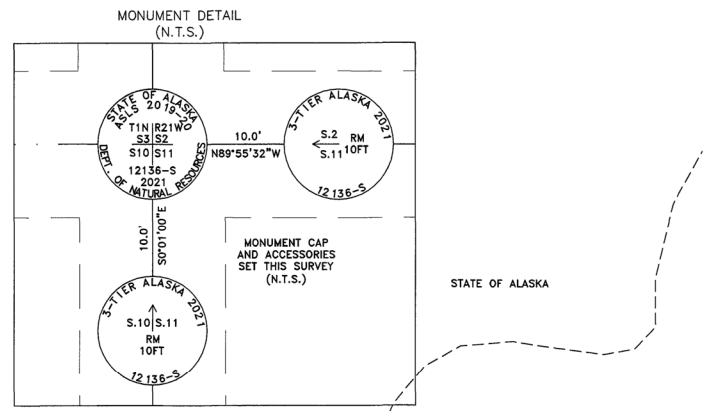
**CERTIFICATE OF REGISTERED LAND SURVEYOR**

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

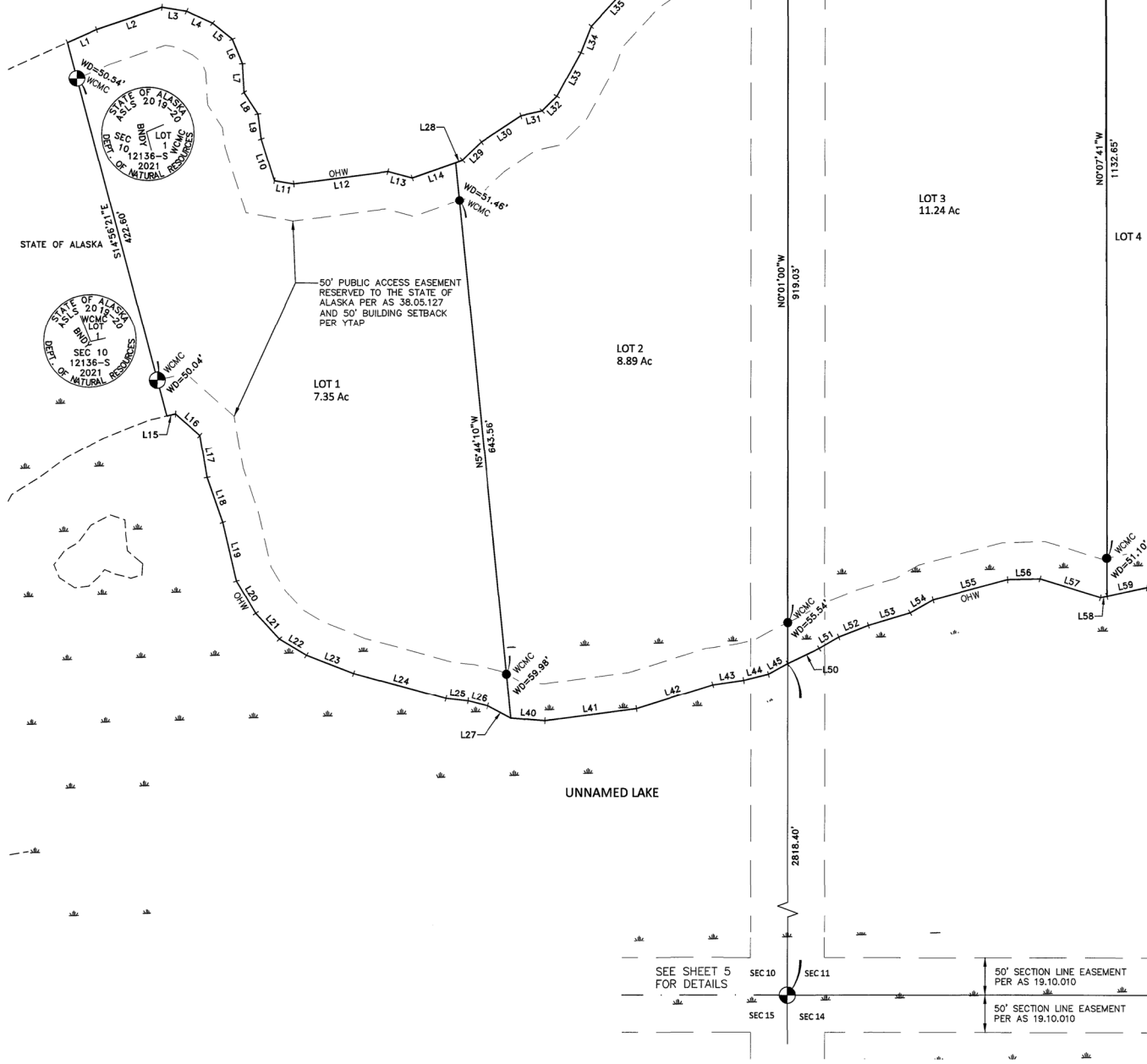
DATE: August 03, 2022 STEVEN D. LOWRY  
 REGISTERED LAND SURVEYOR



Manley Hot Springs Recording district PL 2022-2



UNNAMED LAKE



TYPICAL CAP MARKINGS OF SECONDARY MONUMENTS SET THIS SURVEY

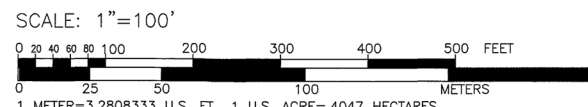
TYPICAL CAP MARKINGS OF PRIMARY MONUMENTS SET THIS SURVEY

ALL SECONDARY MONUMENTS SET THIS SURVEY ARE 2\"/>

ALL PRIMARY MONUMENTS SET THIS SURVEY ARE 3.25\"/>

MEANDERS - LOT ONE			MEANDERS - LOT TWO			MEANDERS - LOT THREE		
Line #	Length	Direction	Line #	Length	Direction	Line #	Length	Direction
L1	43.00	S66°39'28\"/>						

- SHEET TWO NOTES:
- GENERAL NOTES APPLICABLE TO ALL SHEETS OF THIS SURVEY APPEAR ON SHEET NO. 1.
  - THE NATURAL MEANDERS OF THE ORDINARY HIGH WATER (OHW) OF THE UNNAMED LAKES FORM THE TRUE BOUNDARY FOR LOTS 1 THROUGH 16. THE APPROXIMATE LINE OF OHW, AS SHOWN, IS FOR AREA COMPUTATIONS ONLY, WITH THE TRUE CORNERS BEING THE EXTENSION OF THE SIDELINES AND THEIR INTERSECTION WITH THE NATURAL MEANDERS.
  - LEGAL ACCESS TO ALL LOTS WITHIN ASLS 2019-20 IS VIA THE NAVIGABLE WATERS OF THE LARGE UNNAMED LAKE.
  - PARCELS MAY CONTAIN WETLANDS. A U.S. ARMY CORPS OF ENGINEERS WETLAND PERMIT MAY BE REQUIRED TO DEVELOP ANY WETLAND AREAS.
  - 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 FIFTY 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.



- LEGEND
- PRIMARY MONUMENT SET THIS SURVEY: 3.25\"/>
  - SECONDARY MONUMENT SET THIS SURVEY: 2\"/>
  - UNSURVEYED PROTRACTED SECTION LINE
  - SURVEYED
  - SECTION LINE EASEMENT
  - 50' PUBLIC ACCESS EASEMENT
  - OHW ORDINARY HIGH WATER - 2021
  - (R) (REC) RECORD PER BLM PLAT ACCEPTED MAY 25, 1986
  - (C) (CALC) COMPUTED PER PROTRACTION DIAGRAM
  - (M) (MEAS) MEASURED
  - APPROXIMATE APPARENT WETLAND AREAS PER NATIONAL WETLANDS INVENTORY MAPPING

DATE OF SURVEY: BEGINNING: JUNE 16, 2021; ENDING: SEPTEMBER 9, 2021

SURVEYOR: 3-TIER ALASKA (907) 451-7411; 326 DRIVEWAY ST.; FAIRBANKS, AK 99701; AK CORP. BUS. LIC. NO. 157876

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

PLAN OF SURVEY AND CONCEPTUAL DESIGN  
**ALASKA STATE LAND SURVEY No. 2019-20**

**CHITANANA LAKE SUBDIVISION**  
A SUBDIVISION OF UPLAND PORTIONS OF NE1/4 SECTION 10, THE W1/2 GOV'T LOT 1 OF SECTION 11, AND UPLAND PORTIONS OF NW1/4 OF SECTION 14  
CREATING LOTS 1-16 CONTAINING 136.05 ACRES MORE OR LESS  
LOCATED WITHIN PROTRACTED TOWNSHIP 1 NORTH, RANGE 21 WEST, FAIRBANKS MERIDIAN, ALASKA  
MANLEY HOT SPRINGS RECORDING DISTRICT

DRAWN BY: OIL; DATE: 7-22-2022; SCALE: 1\"/>

TYPICAL CAP MARKINGS OF SECONDARY MONUMENTS SET THIS SURVEY



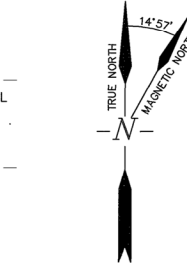
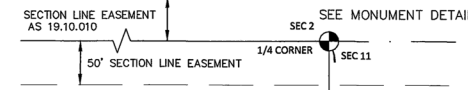
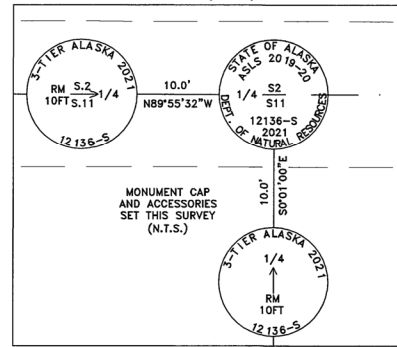
ALL SECONDARY MONUMENTS SET THIS SURVEY ARE 2" DIAMETER ALUMINUM CAPS ON 5/8" DIAMETER REBAR, 30" LONG, SET 25" TO 30" IN THE GROUND WITH A LATH ADJACENT TO THE MONUMENT

TYPICAL CAP MARKINGS OF PRIMARY MONUMENTS SET THIS SURVEY

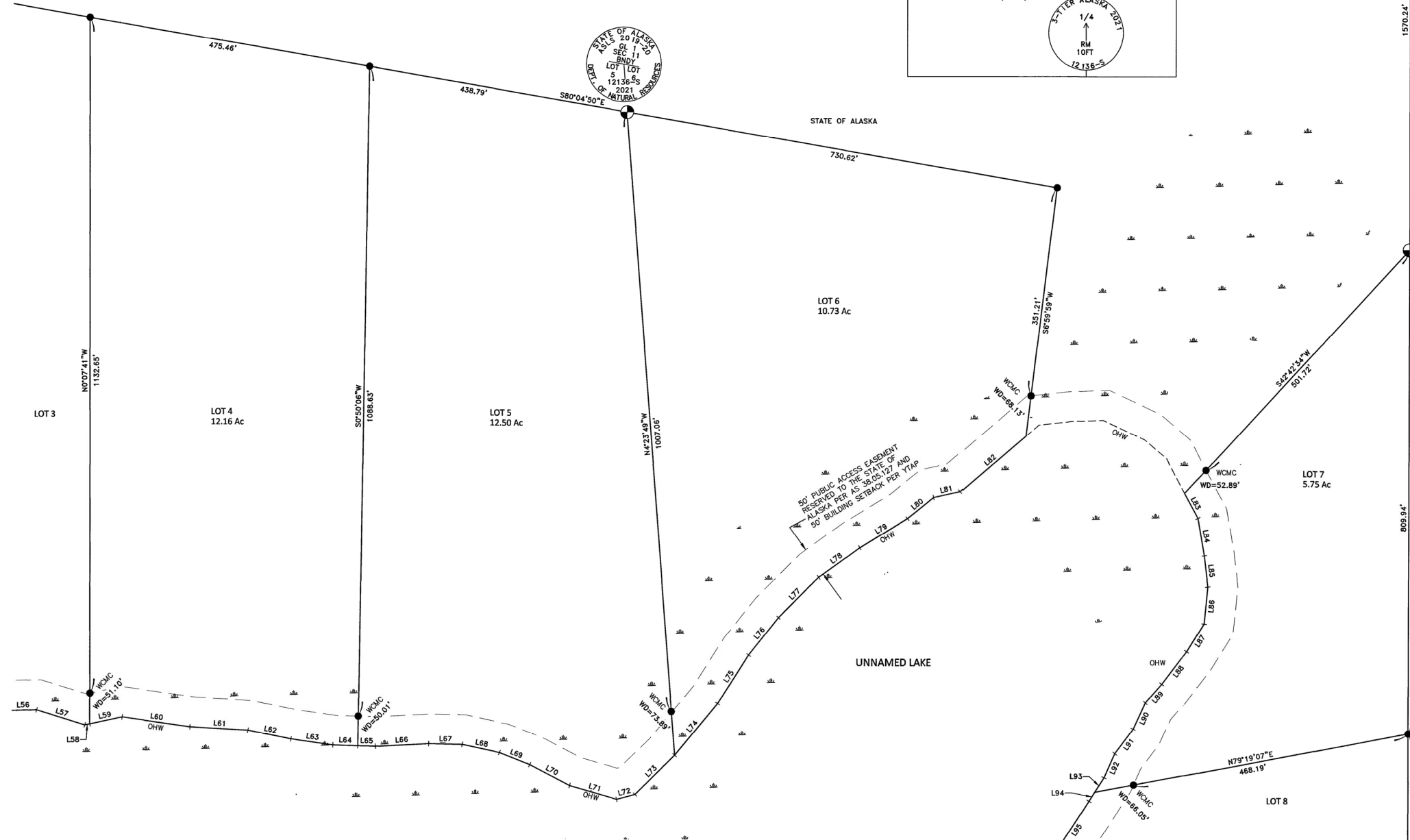
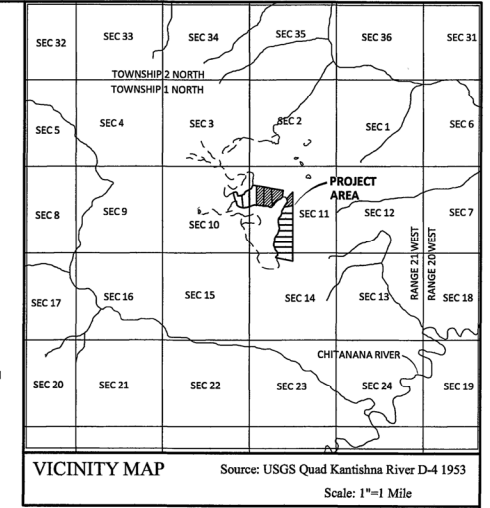


ALL PRIMARY MONUMENTS SET THIS SURVEY ARE 3.25" DIAMETER ALUMINUM CAPS ON 2.5" DIAMETER ALUMINUM PIPE, 30" LONG, SET 25" TO 30" IN THE GROUND WITH A DEEP 1" MAGNET AT THE BASE AND A CARBONITE POST ADJACENT TO THE MONUMENT

MONUMENT DETAIL (N.T.S.)



NOAA NGDC 6/28/2021 AT THE SE CORNER OF SEC. 12 T1N, R21W, FM

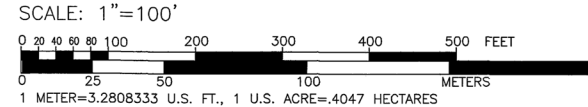


- LEGEND**
- PRIMARY MONUMENT SET THIS SURVEY: 3.25" ALUMINUM CAP ON 2.5" DIA. ALUMINUM POST, 30" LONG, 12136-S
  - SECONDARY MONUMENT SET THIS SURVEY: 2" ALUMINUM CAP ON 5/8" DIA. REBAR, 30" LONG, 12136-S
  - UNSURVEYED PROTRACTED SECTION LINE
  - SURVEYED
  - - - SECTION LINE EASEMENT
  - - - 50' PUBLIC ACCESS EASEMENT
  - OHW ORDINARY HIGH WATER - 2021
  - (R) (REC) RECORD PER BLM PLAT ACCEPTED MAY 25, 1986
  - (C) (CALC) COMPUTED PER PROTRACTION DIAGRAM
  - (M) (MEAS) MEASURED
  - ▲ APPROXIMATE APPARENT WETLAND AREAS PER NATIONAL WETLANDS INVENTORY MAPPING



MEANDERS - LOT FOUR			MEANDERS - LOT FIVE			MEANDERS - LOT SIX			MEANDERS - LOT SEVEN		
Line #	Length	Direction	Line #	Length	Direction	Line #	Length	Direction	Line #	Length	Direction
L59	55.41	N77°57'01"E	L65	29.77	S88°20'05"E	L74	112.96	N39°37'19"E	L83	47.45	S28°21'52"E
L60	115.02	S81°50'46"E	L66	89.36	N86°54'26"E	L75	96.21	N32°18'13"E	L84	63.63	S09°51'57"E
L61	97.61	S86°23'46"E	L67	56.39	S88°35'01"E	L76	80.02	N38°22'03"E	L85	52.60	S06°53'06"E
L62	73.59	S78°38'12"E	L68	64.01	S77°57'35"E	L77	95.16	N44°47'27"E	L86	62.11	S05°42'53"W
L63	70.75	S81°48'17"E	L69	54.62	S68°34'16"E	L78	85.00	N54°07'29"E	L87	55.41	S31°48'08"W
L64	41.49	S88°20'05"E	L70	75.56	S62°24'49"E	L79	94.10	N58°30'23"E	L88	68.79	S36°59'08"W
			L71	81.70	S73°53'26"E	L80	56.12	N51°05'14"E	L89	40.89	S41°09'48"W
			L72	32.06	N75°15'30"E	L81	45.42	N77°43'06"E	L90	48.87	S24°32'57"W
			L73	93.22	N45°26'13"E	L82	142.95	N49°18'30"E	L91	51.47	S37°04'26"W
									L92	43.94	S23°42'14"W
									L93	28.97	S32°40'20"W

- SHEET THREE NOTES:**
- GENERAL NOTES APPLICABLE TO ALL SHEETS OF THIS SURVEY APPEAR ON SHEET NO. 1
  - THE NATURAL MEANDERS OF THE ORDINARY HIGH WATER (OHW) OF THE UNNAMED LAKES FORM THE TRUE BOUNDARY FOR LOTS 1 THROUGH 16. THE APPROXIMATE LINE OF OHW, AS SHOWN, IS FOR AREA COMPUTATIONS ONLY, WITH THE TRUE CORNERS BEING THE EXTENSION OF THE SIDELINES AND THEIR INTERSECTION WITH THE NATURAL MEANDERS.
  - LEGAL ACCESS TO ALL LOTS WITHIN ASLS 2019-20 IS VIA THE NAVIGABLE WATERS OF THE LARGE UNNAMED LAKE.
  - PARCELS MAY CONTAIN WETLANDS. A U.S. ARMY CORPS OF ENGINEERS WETLAND PERMIT MAY BE REQUIRED TO DEVELOP ANY WETLAND AREAS.
  - 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 FIFTY 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.



DATE OF SURVEY: BEGINNING: JUNE 16, 2021 ENDING: SEPTEMBER 9, 2021	SURVEYOR: 3-TIER ALASKA (907) 451-7411 326 DRIVEWAY ST. FAIRBANKS, AK 99701 AK CORP. BUS. LIC NO. 157876
--------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------

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

PLAN OF SURVEY AND CONCEPTUAL DESIGN  
**ALASKA STATE LAND SURVEY No. 2019-20**

**CHITANANA LAKE SUBDIVISION**

A SUBDIVISION OF UPLAND PORTIONS OF NE1/4 SECTION 10, THE W1/2 GOVT LOT 1 OF SECTION 11, AND UPLAND PORTIONS OF NW1/4 OF SECTION 14 CONTAINING 136.05 ACRES MORE OR LESS LOCATED WITHIN PROTRACTED TOWNSHIP 1 NORTH, RANGE 21 WEST, FAIRBANKS MERIDIAN, ALASKA MANLEY HOT SPRINGS RECORDING DISTRICT

DRAWN BY: OIL DATE: 7-22-2022	APPROVAL RECOMMENDED <i>Kevin Bow</i> STATEWIDE PLATTING SUPERVISOR CHECKED: SDL 2-28-2022	FILE NO. DATE: 8/17/2022
----------------------------------	-----------------------------------------------------------------------------------------------------	-----------------------------

MEANDERS - LOT EIGHT		
Line #	Length	Direction
L94	17.77	S32°40'20"W
L95	102.93	S32°46'22"W
L96	68.50	S31°15'11"W
L97	63.48	S18°59'05"W
L98	68.84	S18°17'58"W
L99	56.20	S08°08'38"W
L100	35.22	S00°24'09"W

MEANDERS - LOT NINE		
Line #	Length	Direction
L101	8.89	S00°24'09"W
L102	102.48	S14°11'04"W
L103	38.73	S27°06'47"W
L104	143.61	S38°31'18"W
L105	56.74	S43°51'40"W
L106	57.21	S19°01'38"W

MEANDERS - LOT TEN		
Line #	Length	Direction
L107	92.75	S10°17'45"W
L108	42.87	S04°52'19"W
L109	102.06	S07°46'00"E
L110	90.82	S09°42'02"E
L111	26.29	S15°06'45"E

MEANDERS - LOT ELEVEN		
Line #	Length	Direction
L112	25.05	S15°06'45"E
L113	61.10	S17°29'57"E
L114	91.57	S10°19'37"E
L115	85.29	S00°06'20"W
L116	51.54	S23°33'19"W
L117	46.77	S16°21'25"W

TYPICAL CAP MARKINGS OF SECONDARY MONUMENTS SET THIS SURVEY



ALL SECONDARY MONUMENTS SET THIS SURVEY ARE 2" DIAMETER ALUMINUM CAPS ON 5/8" DIAMETER REBAR, 30" LONG, SET 25" TO 30" IN THE GROUND WITH A LATH ADJACENT TO THE MONUMENT

TYPICAL CAP MARKINGS OF PRIMARY MONUMENTS SET THIS SURVEY

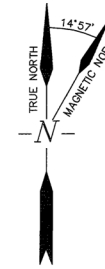
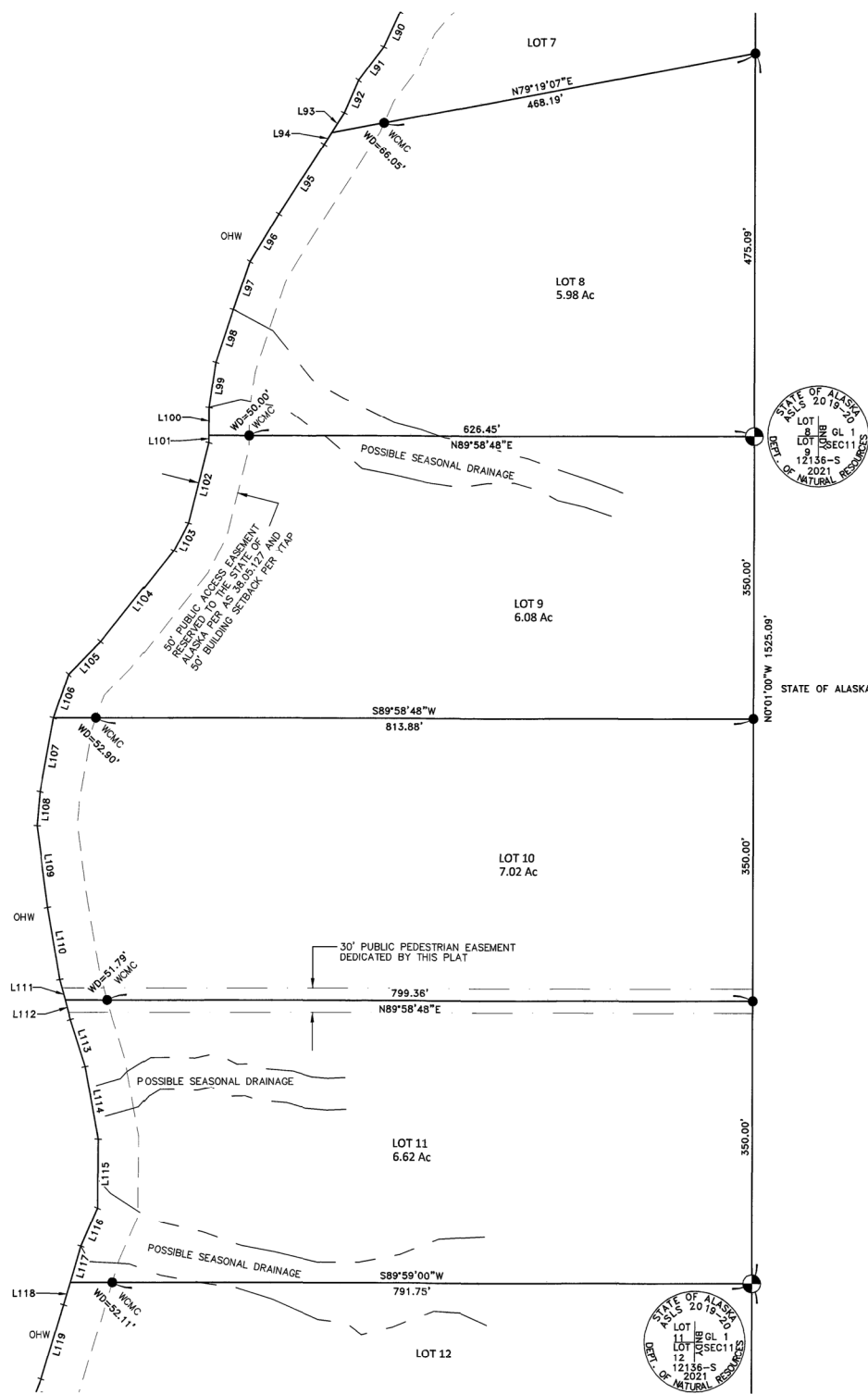
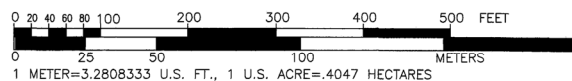


ALL PRIMARY MONUMENTS SET THIS SURVEY ARE 3.25" DIAMETER ALUMINUM CAPS ON 2.5" DIAMETER ALUMINUM PIPE, 30" LONG, SET 25" TO 30" IN THE GROUND WITH A DEEP 1 MAGNET AT THE BASE AND A CARBONITE POST ADJACENT TO THE MONUMENT

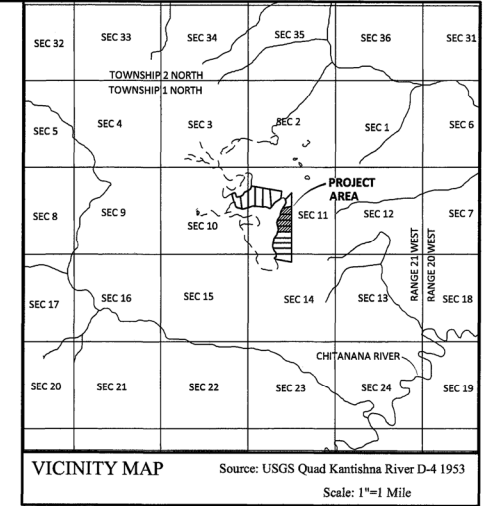
**SHEET FOUR NOTES:**

- GENERAL NOTES APPLICABLE TO ALL SHEETS OF THIS SURVEY APPEAR ON SHEET NO. 1.
- THE NATURAL MEANDERS OF THE ORDINARY HIGH WATER (OHW) OF THE UNNAMED LAKES FORM THE TRUE BOUNDARY FOR LOTS 1 THROUGH 16. THE APPROXIMATE LINE OF OHW, AS SHOWN, IS FOR AREA COMPUTATIONS ONLY, WITH THE TRUE CORNERS BEING THE EXTENSION OF THE SIDELINES AND THEIR INTERSECTION WITH THE NATURAL MEANDERS.
- LEGAL ACCESS TO ALL LOTS WITHIN ASLS 2019-20 IS VIA THE NAVIGABLE WATERS OF THE LARGE UNNAMED LAKE.
- PARCELS MAY CONTAIN WETLANDS. A U.S. ARMY CORPS OF ENGINEERS WETLAND PERMIT MAY BE REQUIRED TO DEVELOP ANY WETLAND AREAS.

SCALE: 1"=100'



NOAA NGDC 6/28/2021 AT THE SE CORNER OF SEC. 12 T1N, R21W, FM



**LEGEND**

- PRIMARY MONUMENT SET THIS SURVEY: 3.25" ALUMINUM CAP ON 2.5" DIA. ALUMINUM POST, 30" LONG, 12136-S
- SECONDARY MONUMENT SET THIS SURVEY: 2" ALUMINUM CAP ON 5/8" DIA. REBAR, 30" LONG, 12136-S
- UNSURVEYED PROTRACTED SECTION LINE
- SURVEYED
- SECTION LINE EASEMENT
- 50' PUBLIC ACCESS EASEMENT
- APPROXIMATE EDGE OF DRAINAGE
- 30' PUBLIC PEDESTRIAN EASEMENT
- ORDINARY HIGH WATER - 2021
- RECORD PER BLM PLAT ACCEPTED MAY 25, 1986
- COMPUTED PER PROTRACTION DIAGRAM
- MEASURED
- APPROXIMATE APPARENT WETLAND AREAS PER NATIONAL WETLANDS INVENTORY MAPPING



DATE OF SURVEY: BEGINNING: JUNE 16, 2021 ENDING: SEPTEMBER 9, 2021	SURVEYOR: 3-TIER ALASKA (907) 451-7411 326 DRIVEWAY ST. FAIRBANKS, AK 99701 AK CORP. BUS. LIC NO. 157876
STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES DIVISION OF MINING, LAND, AND WATER ANCHORAGE, ALASKA	
PLAN OF SURVEY AND CONCEPTUAL DESIGN <b>ALASKA STATE LAND SURVEY No. 2019-20</b>	
<b>CHITANANA LAKE SUBDIVISION</b>	
A SUBDIVISION OF UPLAND PORTIONS OF NE1/4 SECTION 10, THE W1/2 GOVT LOT 1 OF SECTION 11, AND UPLAND PORTIONS OF NW1/4 OF SECTION 14	
CREATING LOTS 1-16 CONTAINING 136.05 ACRES MORE OR LESS	
LOCATED WITHIN PROTRACTED TOWNSHIP 1 NORTH, RANGE 21 WEST, FAIRBANKS MERIDIAN, ALASKA MANLEY HOT SPRINGS RECORDING DISTRICT	
DRAWN BY: OJL DATE: 7-22-2022	APPROVAL RECOMMENDED <i>Karen Bow</i> STATEWIDE PLATTING SUPERVISOR DATE: 8/19/2022
SCALE: 1"=100'	CHECKED: SDL 2-28-2022 FILE NO. ASLS 20190020

Manley Hot Springs Recording District PL2022-2

TYPICAL CAP MARKINGS OF PRIMARY MONUMENTS SET THIS SURVEY



ALL PRIMARY MONUMENTS SET THIS SURVEY ARE 3.25" DIAMETER ALUMINUM CAPS ON 2.5" DIAMETER ALUMINUM PIPE, 30" LONG, SET 25" TO 30" IN THE GROUND WITH A DEEP 1" MAGNET AT THE BASE AND A CARSONITE POST ADJACENT TO THE MONUMENT

TYPICAL CAP MARKINGS OF SECONDARY MONUMENTS SET THIS SURVEY



ALL SECONDARY MONUMENTS SET THIS SURVEY ARE 2" DIAMETER ALUMINUM CAPS ON 5/8" DIAMETER REBAR, 30" LONG, SET 25" TO 30" IN THE GROUND WITH A LATH ADJACENT TO THE MONUMENT

MEANDERS - LOT TWELVE		
Line #	Length	Direction
L118	29.18	S16°21'25"W
L119	95.99	S16°52'02"W
L120	55.32	S21°09'23"W
L121	97.45	S35°38'35"W
L122	144.08	S34°15'58"W
L123	7.35	N26°52'10"E

MEANDERS - LOT THIRTEEN		
Line #	Length	Direction
L124	73.63	S26°52'10"W
L125	72.73	S12°30'36"W
L126	68.75	S06°11'52"W
L127	120.98	S09°33'42"W

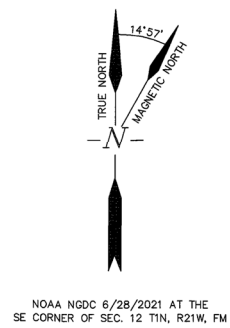
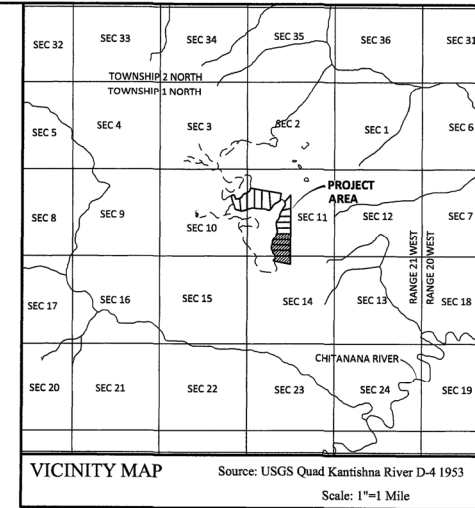
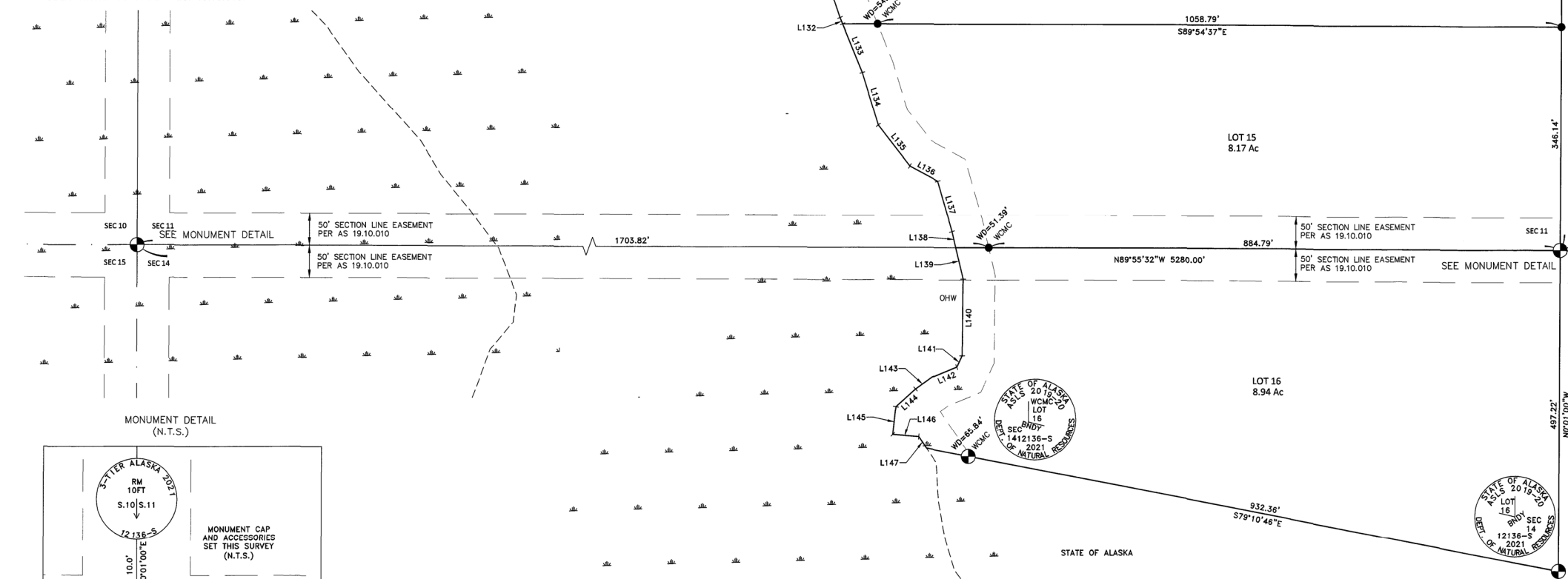
MEANDERS - LOT FOURTEEN		
Line #	Length	Direction
L128	47.83	S09°33'42"W
L129	93.26	S09°45'10"W
L130	94.74	S01°37'42"W
L131	87.12	S18°29'11"E
L132	10.37	S22°16'28"E

MEANDERS - LOT FIFTEEN		
Line #	Length	Direction
L133	81.33	S22°16'28"E
L134	85.56	S17°06'14"E
L135	80.22	S37°55'38"E
L136	48.98	S61°48'49"E
L137	81.51	S15°59'19"E
L138	25.54	S13°15'40"E

MEANDERS - LOT SIXTEEN		
Line #	Length	Direction
L139	50.03	S13°15'40"E
L140	119.02	S00°24'43"W
L141	19.23	S25°05'03"W
L142	41.03	S67°33'27"W
L143	31.97	S54°34'00"W
L144	40.78	S48°05'21"W
L145	43.46	S05°53'20"W
L146	40.27	S85°05'26"E
L147	21.49	S34°06'57"E

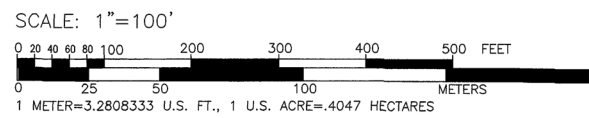
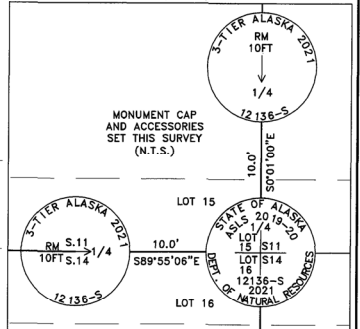
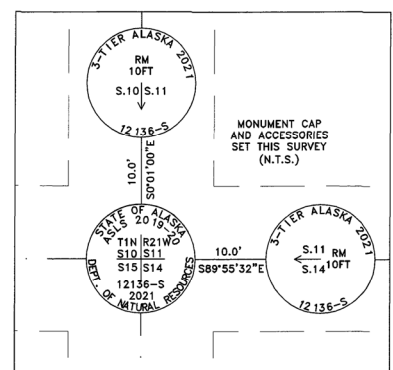
**SHEET FIVE NOTES:**

- GENERAL NOTES APPLICABLE TO ALL SHEETS OF THIS SURVEY APPEAR ON SHEET NO. 1
- 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 FIFTY 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 NATURAL MEANDERS OF THE ORDINARY HIGH WATER (OHW) OF THE UNNAMED LAKES FORM THE TRUE BOUNDARY FOR LOTS 1 THROUGH 16. THE APPROXIMATE LINE OF OHW, AS SHOWN, IS FOR AREA COMPUTATIONS ONLY, WITH THE TRUE CORNERS BEING THE EXTENSION OF THE SIDELINES AND THEIR INTERSECTION WITH THE NATURAL MEANDERS.
- LEGAL ACCESS TO ALL LOTS WITHIN ASLS 2019-20 IS VIA THE NAVIGABLE WATERS OF THE LARGE UNNAMED LAKE.
- PARCELS MAY CONTAIN WETLANDS. A U.S. ARMY CORPS OF ENGINEERS WETLAND PERMIT MAY BE REQUIRED TO DEVELOP ANY WETLAND AREAS.
- 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 FIFTY 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.



**LEGEND**

- PRIMARY MONUMENT SET THIS SURVEY: 3.25" ALUMINUM CAP ON 2.5" DIA. ALUMINUM POST, 30" LONG, 12136-S
- SECONDARY MONUMENT SET THIS SURVEY: 2" ALUMINUM CAP ON 5/8" DIA. REBAR, 30" LONG, 12136-S
- UNSURVEYED PROTRACTED SECTION LINE
- SURVEYED SECTION LINE
- SECTION LINE EASEMENT
- 50' PUBLIC ACCESS EASEMENT
- APPROXIMATE EDGE OF DRAINAGE
- OHW ORDINARY HIGH WATER - 2021
- (R) (REC) RECORD PER BLM PLAT ACCEPTED MAY 25, 1986
- (C) (CALC) COMPUTED PER PROTRACTION DIAGRAM
- (M) (MEAS) MEASURED
- APPROXIMATE APPARENT WETLAND AREAS PER NATIONAL WETLANDS INVENTORY MAPPING (N.T.S.)



2022-2  
Plat #  
Manley Hot Springs  
Rec Dist  
8130  
Date 2022  
Time 10:10 A.M.

DATE OF SURVEY: BEGINNING: JUNE 16, 2021; ENDING: SEPTEMBER 9, 2021  
SURVEYOR: 3-TIER ALASKA ASLS 2019-20, 326 DRIVEWAY ST., FAIRBANKS, AK 99701, AK CORP. BUS. LIC NO. 157876 (907) 451-7411

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

PLAN OF SURVEY AND CONCEPTUAL DESIGN ALASKA STATE LAND SURVEY No. 2019-20

**CHITANANA LAKE SUBDIVISION**  
A SUBDIVISION OF UPLAND PORTIONS OF NE1/4 SECTION 10, THE W1/2 GOV'T LOT 1 OF SECTION 11, AND UPLAND PORTIONS OF NW1/4 OF SECTION 14  
CREATING LOTS 1-16 CONTAINING 136.05 ACRES MORE OR LESS  
LOCATED WITHIN PROTRACTED TOWNSHIP 1 NORTH, RANGE 21 WEST, FAIRBANKS MERIDIAN, ALASKA  
MANLEY HOT SPRINGS RECORDING DISTRICT

DRAWN BY: OIL DATE: 7-22-2022  
APPROVAL RECOMMENDED: *Karin Bow* STATEWIDE PLATTING SUPERVISOR DATE: 8/19/2022  
CHECKED: SDL 2-28-2022  
FILE NO. ASLS 20190020