

STATE OF ALASKA
DEPARTMENT OF NATURAL RESOURCES
Division of Mining, Land and Water

APPLICATION FOR EASEMENT DEVELOPMENT
AS 38.05.850

ADL# _____
(to be filled in by State)

Applications that are submitted with unfilled sections or inadequate explanation and/or without application fees, a location figure and/or a completed Division of Mining, Land and Water (DMLW) Environmental Risk Questionnaire will be deemed incomplete. Incomplete applications will be returned without review. See DMLW's current fee regulations (11 AAC 05) and associated Director's Fee Order for applicable non-refundable fee amounts. The filing of an application does not guarantee processing or approval of the requested authorization.

Applicant: Copper Valley Telecom Cooperative Doing Business As: Copper Valley Telecom Cooperative

Agent: (if applicable; attach record of authorization to represent) _____

Mailing Address: _____ Email: _____

City/State/Zip: _____

Primary Phone: _____ Alternate Phone: _____

General Location: Tolsona Lake (east side) Municipality: N/A

Section(s): 24 Township: 4N Range: 5W Meridian: Copper River Meridian

Section(s): 30 Township: 4N Range: 4W Meridian: Copper River Meridian

Attach a location figure, plan drawing, or survey that shows the detailed location of the existing easement in relation to adjoining property boundaries and reference points. All features must be labeled.

Type of/authority of existing easement:

- Section Line Easement; Provide survey date, entry date, and legislation in place imposing easement(s)
- RS 2477; Provide RST No. and location of proposed development(s)
- State Granted Easement; ADL 229765
- Platted Easement in Unorganized Borough; Provide applicable plats
- Other State Managed Easement; ADL 231386 Provide applicable supporting documentation

Width(s) of existing easement: (feet) 30ft

Attach documentation of proof of the easement(s). (2012-00246-0 attached eeds, etc.)

Summary of proposed development. Please include description of development of Fiber Optic Cable trail, driveway, two lane paved road, etc.), construction methods, and the approximate width of development and clearing:

See Project Development Plan Narrative attached to this application.

ADL # _____

Statement of purpose and need:

Is there an existing use within the easement(s)? Yes No. If yes, explain character and development of use(s) to date:

Utility Easement

Describe plans for initial construction. Be detailed. Include a list of authorizations for portions of the project that are proposed for construction on adjoining lands, other permitting, and/or third-party non-objections: (Use extra sheets as needed)

Copper Valley Telecom Cooperative (CVTC) proposes to install Fiber Optic Cable (FOC) on the west of Tolsona Lake north of the Glenn Highway. The proposal is to develop a new utility in ADK 229765. It is 1133 ft. long by 30 ft wide as noted in Project Development Plan Narrative and drawings attached to this application.

Anticipated construction timeframe: May 1, 2024 through December 30, 2024

If this authorization is granted, I agree to construct the authorized improvements in an acceptable manner, and to keep the area in a neat and sanitary condition; to comply with all the laws, rules, and regulations pertaining thereto, as well as the terms of the existing easement.

Applicant's Signature: [Handwritten Signature] Date: 3/25/2024

This form must be filled out completely and submitted with the applicable fees. Failure to do so will result in a delay in processing. AS 38.05.035(a) authorizes the director to decide what information is needed to process an application for the sale or use of state land and resources. This information is made a part of the state public land records and becomes public information under AS 40.25.110 and 40.25.120 (unless the information qualifies for confidentiality under AS 38.05.035(a)(8) and confidentiality is requested, AS 43.05.230, or AS 45.48). Public information is open to inspection by you or any member of the public. A person who is the subject of the information may challenge its accuracy or completeness under AS 44.99.310, by giving a written description of the challenged information, the changes needed to correct it, and a name and address where the person can be reached. False statements made in an application for a benefit are punishable under AS 11.56.210.

In submitting this form, the applicant certifies that he or she has not changed the original text of the form or any attached documents provided by the Division. In submitting this form, the applicant agrees with the Department to use "electronic" means to conduct "transactions" (as those terms are used in the Uniform Electronic Transactions Act, AS 09.80.010 – AS 09.80.195) that relate to this form and that the Department need not retain the original paper form of this record: the department may retain this record as an electronic record and destroy the original.

For Department Use Only
Application received date stamp

Receipt Type: 13 Other Easement

ADL # _____



STATE OF ALASKA
DEPARTMENT OF NATURAL RESOURCES
Division of Mining, Land and Water

Land Conveyance Section
 550 W. 7th Ave, Suite 640
 Anchorage, AK 99501-3576
 (907) 269-8594

Northern Region
 3700 Airport Way
 Fairbanks, AK 99709-4699
 (907) 451-2740
nro.lands@alaska.gov

Southcentral Region
 550 W. 7th Ave, Suite 900C
 Anchorage, AK 99501-3577
 (907) 269-8503
dnr.pic@alaska.gov

Southeast Region
 P. O. Box 111020
 Juneau, AK 99811-1020
 (907) 465-3400
sero@alaska.gov

Statewide TTY – 771 for Alaska Relay or 1-800-770-8973

APPLICANT ENVIRONMENTAL RISK QUESTIONNAIRE

The purpose of this questionnaire is to help clarify the types of activities you propose to undertake. The questions are meant to help identify the level of environmental risk that may be associated with the proposed activity. The Division of Mining, Land and Water's evaluation of environmental risk for the proposed activity does not imply that the parcel or the proposed activity is an environmental risk from the presence or use of hazardous substances.

Through this analysis, you may become aware of environmental risks that you did not know about. If so, you may want to consult with an environmental engineer or an attorney.

Copper Valley Telecom Cooperative

Applicant's Name	Doing Business As		
Address	City	State	Zip
Message Phone	Work Phone	Email	Contact Person

Describe the proposed activity:

Copper Valley Telecom Cooperative (CVTC) proposes to install Fiber Optic Cable (FOC) on the west of Tolsona Lake north of the Glenn Highway. The proposal is to develop a new utility in ADK 229765. It is 1133 ft. long by 30 ft wide as noted in Project Development Plan Narrative and drawings attached to this application.

In the course of your proposed activity will you generate, use, store, transport, dispose of, or otherwise come in contact with toxic and/or hazardous materials, and/or hydrocarbons? Yes No. If yes, please list the substances and the associated quantities. Use a separate sheet of paper, if necessary.

Please see Project Development Plan Narrative describing the activity attached to this application.

ADL # _____

If the proposed activities involve any storage tanks, either above or below ground, address the following questions for each tank. Please use a separate sheet of paper, if necessary, and, where appropriate, include maps or plats:

a. Where will the tank be located?

This proposed activity involves no permanent storage tanks.

b. What will be stored in the tank?

N/A

c. What will be the tank's size in gallons? N/A

d. What will the tank be used for? (Commercial or residential purposes?)

N/A

e. Will the tank be tested for leaks? N/A

f. Will the tank be equipped with leak detection devices? Yes No. If yes, describe:

Do you know or have any reason to suspect that the site may have been previously contaminated? Yes No.
If yes, please explain:

I certify that due diligence has been exercised and proper inquiries made in completing this questionnaire, and that the foregoing is true and correct to the best of my knowledge.

Applicant Signature: _____

Date: 3/25/2024

AS 38.05.035(a) authorizes the director to decide what information is needed to process an application for the sale or use of state land and resources. This information is made a part of the state public land records and becomes public information under AS 40.25.110 and 40.25.120 (unless the information qualifies for confidentiality under AS 38.05.035(a)(9) and confidentiality is requested). Public information is open to inspection by you or any member of the public. A person who is the subject of the information may challenge its accuracy or completeness under AS 44.99.310, by giving a written description of the challenged information, the changes needed to correct it, and a name and address where the person can be reached. False statements made in an application for a benefit are punishable under AS 11.56.210. In submitting this form, the applicant certifies that he or she has not changed the original text of the form or any attached documents provided by the Division. In submitting this form, the applicant agrees with the Department to use "electronic" means to conduct "transactions" (as those terms are used in the Uniform Electronic Transactions Act, AS 09.80.010 -- AS 09.80.195) that relate to this form and that the Department need not retain the original paper form of this record: the department may retain this record as an electronic record and destroy the original.

ADL # _____

Applicant Environmental Risk Questionnaire Form 102-4008A (Rev. 09/21)

Page 2 of 2



Project Development Plan Narrative
ADL 229765 Easement Development Request

1. Project overview

Copper Valley Telecom Cooperative (CVTC) proposes to install Fiber Optic Cable (FOC) located in ADL 229765 beginning at the intersection of 80ft access easement (ADL 231386) and (ADL 229765) to a point on the property line, Lot 1, Plat 2014-10 lying adjacent to Tolsona Lake. The proposed route is collectively 1,143ft long by 30ft wide within ADL 229765 located east of Plat 2014-10, within Government Lot 11.

2. General Construction method:

The FOC is a 96 count fiber optic cable, that will be installed in a 1.25-inch duct at 42 inches deep. The primary installation method used will be a Cable Plow. The FOC route location is more specifically described in the drawings included in this application. The cable will be in use year-round, with an expected life of 25 years. Construction will take approximately 6 months planned for May through November 2024. This fiber cable will provide improved communication in bandwidth and speeds for the service areas.

The construction will follow the general sequence of events:

- Staking of the route
- The fiber cable duct will be plowed into the ground utilizing a cable plow.
- FOC line will be placed in the conduit.

3. Legal descriptions and location of Fiber Optic Cable:

The FOC route will cross the following township, range, and sections.

Location: Utility development in ADL 2297695					
Township	Range	Section	Drawing Numbers	Tract / Plat / Survey Number	Width
04N	05W	24		Plat 2014-10	60ft
04N	04W	30		Gov. Lot 11	60ft

4. Access:

Access to ADL 229765 is through ADL 231386 and RST 434 beginning at MP 171.5 on Glenn Highway.

5. Facility Design Factors

The project will be constructed in general accordance with the RUS standards, with the

NESC (National Electrical Safety Code), and with best practices of the telecom industry.

6. Terrain / Ground Cover:

ADL 229765 is dirt, flat with no trees.

7. Construction of the Facilities

The work force will vary between 6 to 12 workers depending on the tasks at hand. The equipment on-site will vary with the tasks being performed. Not all the following equipment be on-site at one time but will include: Crew trucks and cable plow.

In support of this equipment, there will be diesel fuel stored in DOT approved truck-bed mounted fuel transfer tanks in quantities of 100 gallons or less; various engine oils in manufacturer containers; grease for lubrication in original factory tubes. No hazardous materials will be stored on-site.

8. Resource Values and Environmental Concerns

The impacts to ROW will be negligible and compatible with its current uses.

During the construction season there will be a minor increase in noise and dust confined to the specific area under construction. However, the noise levels will be on-par with the noise levels produced by truck traffic on the ROW. There are no anticipated long-term impacts to geologic, mineral or energy resources, nor to wildlife or threatened or endangered species.

9. Stabilization and Rehabilitation

1. Soil replacement and stabilization

- a. The majority of this project will be installed via the use of a cable plow. A cable plow has a plow chute that creates a channel in the earth and plows the cable duct directly into the ground, eliminating the opening of a trench and replacement of soils. In areas where trenching is required, soil spoils will be replaced into the trench and re-tamped. The final ground surface following installation will be re-graded to closely match the original ground contours.

2. Seeding and fertilizer specifications

- a. Areas of bare disturbed soil will be seeded with grass seed to promote revegetation to prevent soil erosion. An example seed mixture for this area follows; however, we will solicit additional input from the Alaska Plant Materials Center for development of the final seed mixture to be used:
'Nortran' Tufted Hairgrass 40% , Boreal' Red Fescue 25%, Arctared' Red Fescue 15%, 'Wainwright' Slender Wheatgrass 15%, Annual Ryegrass 5%
- b. We will solicit additional input from the AK PMC for fertilizer recommendations.

10. Maintenance and Operations:

Following the completed installation of the fiber optic cable, operations & maintenance activities will be minor. Visual inspections along the route will occur during the day-to-day travels of CVTC employees. Occasional access to the vaults may be required to make a repair or to connect a new service, but these occurrences are expected to be rare.

11. Parking areas / Storage Areas or Water supplies:

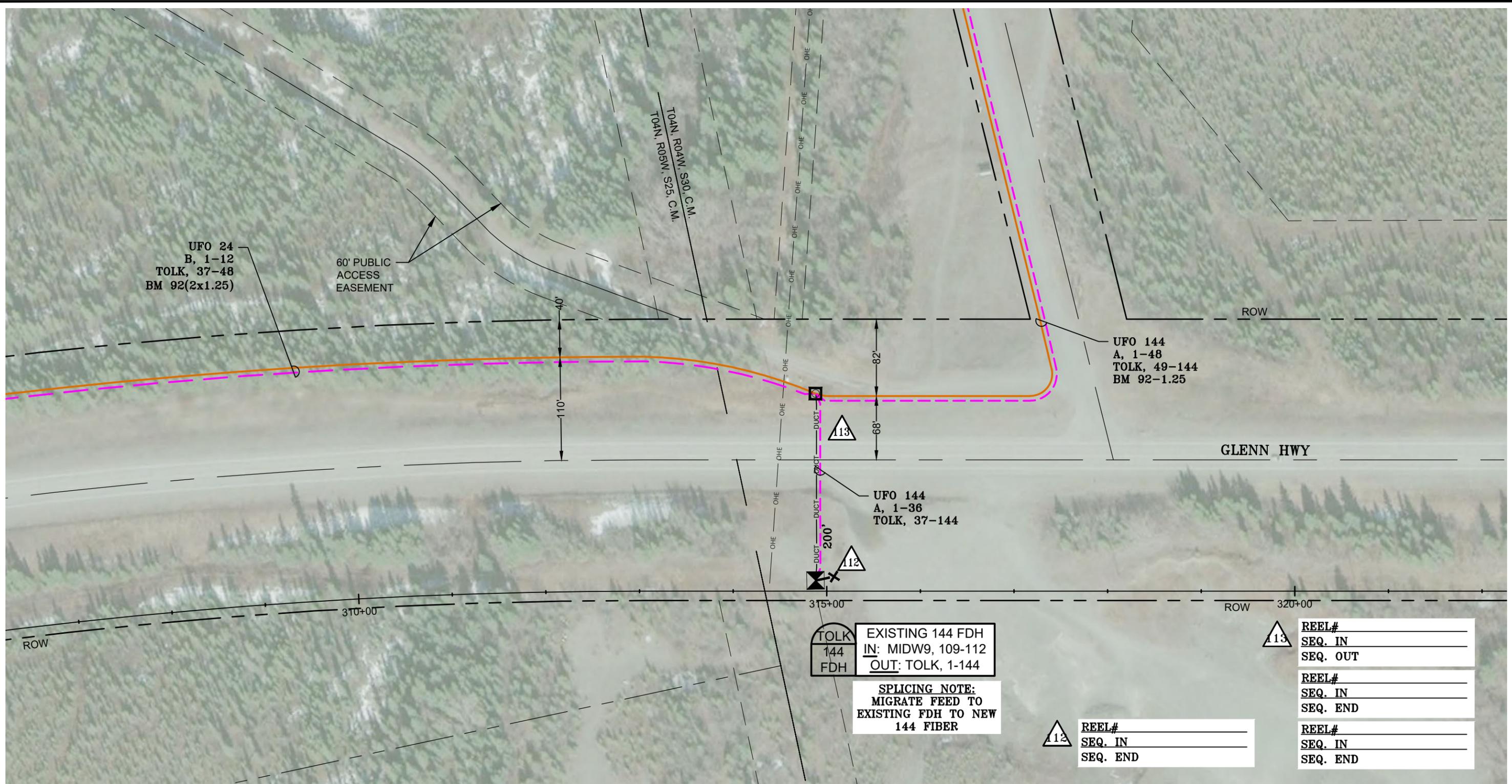
The (FOC) route will not require any parking areas, storage areas or water supply.

12. Number of People the FOC

The (FOC) route will serve a number of individual residents and businesses located in the Tolsona Lake area.

13. Termination and Restoration

The fiber optic cable plant has an anticipated life expectancy of 25 plus years. Removal of the buried plant is not anticipated.



TOLK 144 FDH EXISTING 144 FDH
 IN: MIDW9, 109-112
 OUT: TOLK, 1-144

SPlicing NOTE:
 MIGRATE FEED TO
 EXISTING FDH TO NEW
 144 FIBER

REEL# _____
 SEQ. IN _____
 SEQ. OUT _____

REEL# _____
 SEQ. IN _____
 SEQ. END _____

REEL# _____
 SEQ. IN _____
 SEQ. END _____

REEL# _____
 SEQ. IN _____
 SEQ. END _____

NO.	REVISION DESCRIPTIONS	DATE

SCALE: 1" = 100'	###	###	###
	###	01	02
	###	###	###

SECTION 30,
 T04N, R04W,
 C.M.



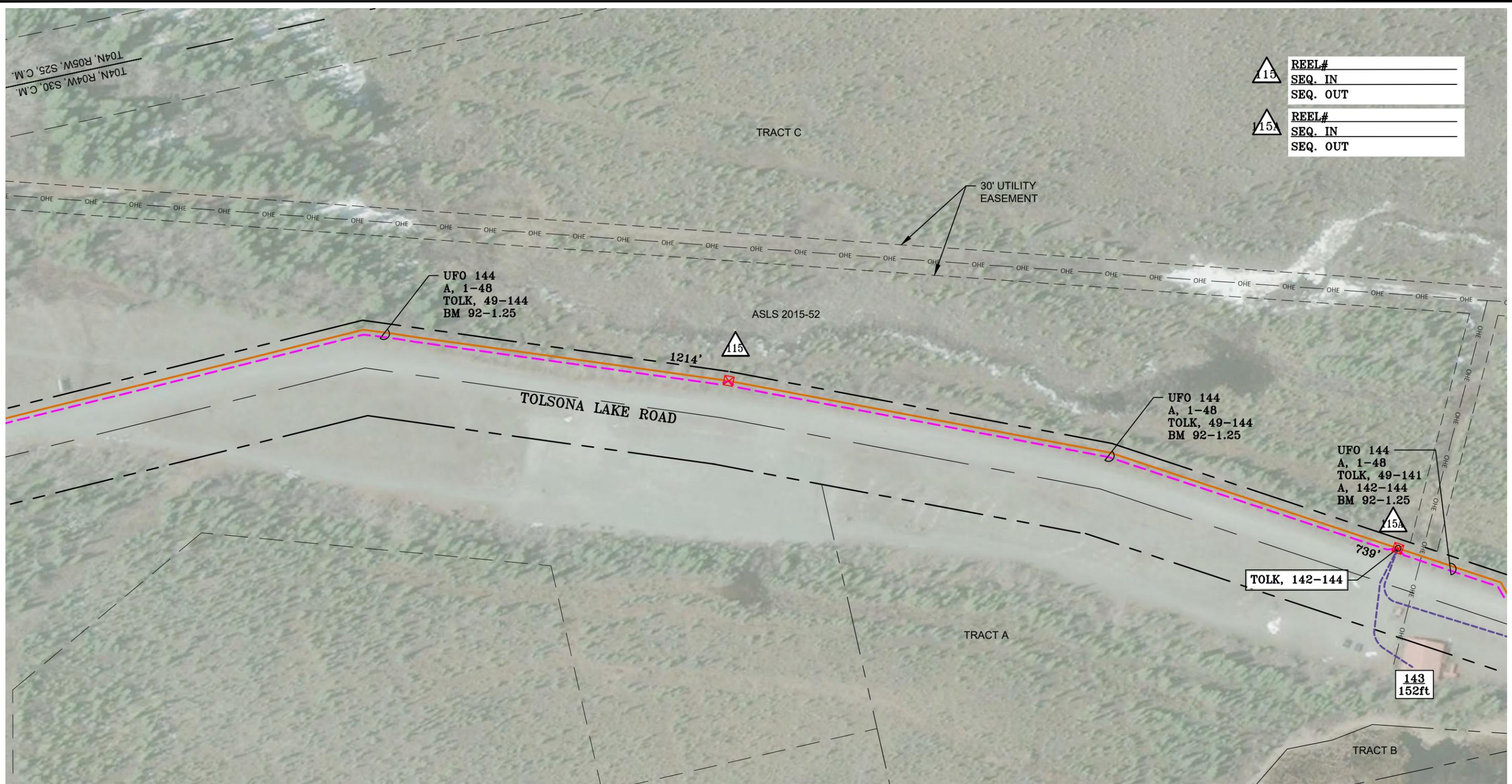
ISSUED FOR PERMIT
 TOLSONA LAKE
 TOLSONA, AK

PROJECT NO: 23-102
 CLIENT WORK ORDER: 1230502

DWG DATE: 03/14/2024 DESIGNED BY: SLM
 DRAWN BY: MHR CHECKED BY: STW

TL-01

SHEET: 08 OF 18



115	REEL#	_____
	SEQ. IN	_____
	SEQ. OUT	_____
115A	REEL#	_____
	SEQ. IN	_____
	SEQ. OUT	_____

NO.	REVISION DESCRIPTIONS	DATE

SCALE: 1" = 100'	###	###	04
	01	02	03
	###	###	###

SECTION 30,
T04N, R04W,
C.M.



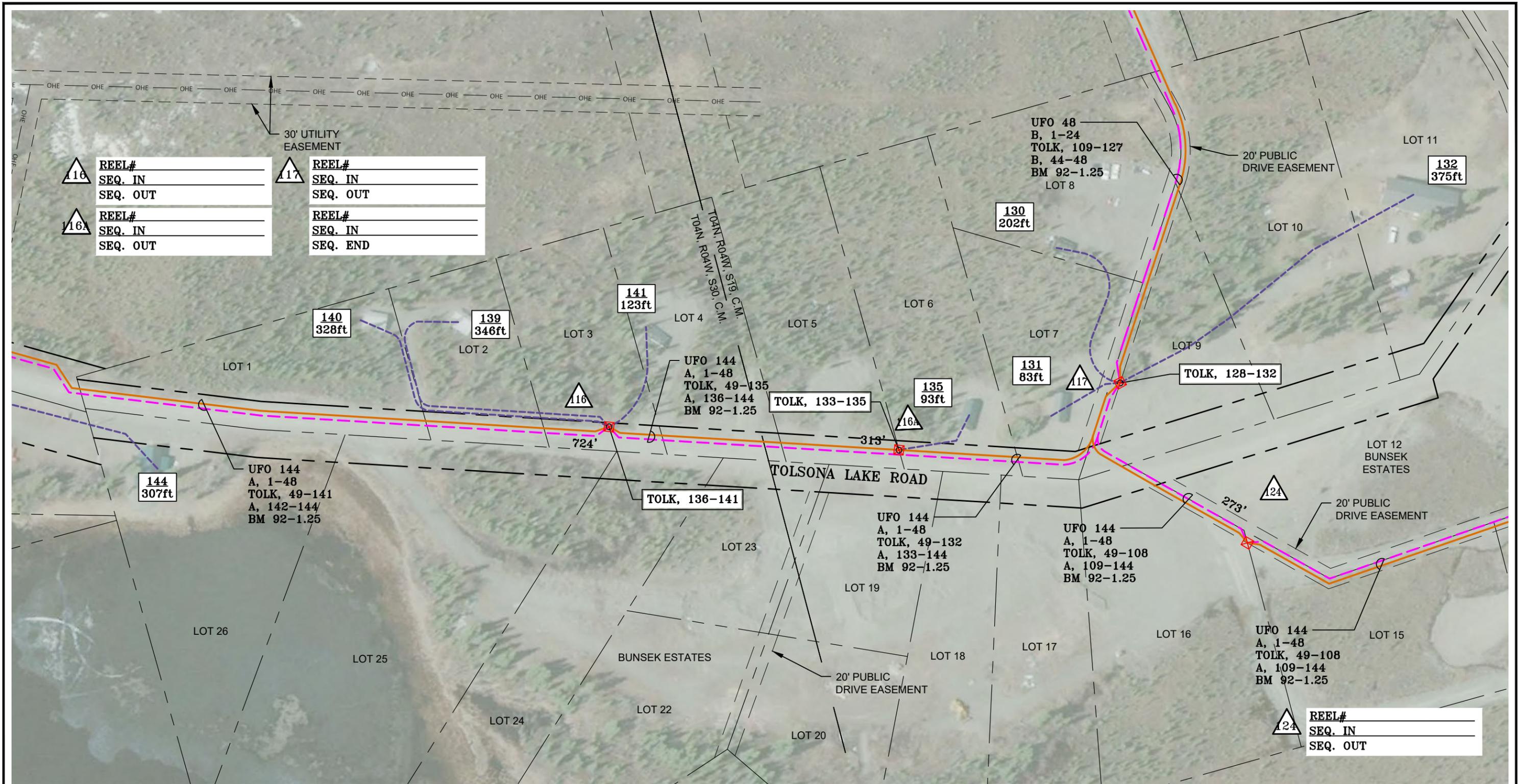
ISSUED FOR PERMIT
TOLSONA LAKE
TOLSONA, AK

PROJECT NO: 23-102
CLIENT WORK ORDER: 1230502

DWG DATE: 03/14/2024 DESIGNED BY: SLM
DRAWN BY: MHR CHECKED BY: STW

TL-02

SHEET: 09 OF 18



NO.	REVISION DESCRIPTIONS	DATE

SCALE: 1" = 100'



###	04	###
02	03	09
###	###	###

SECTION 30, 19,
T04N, R04W,
C.M.



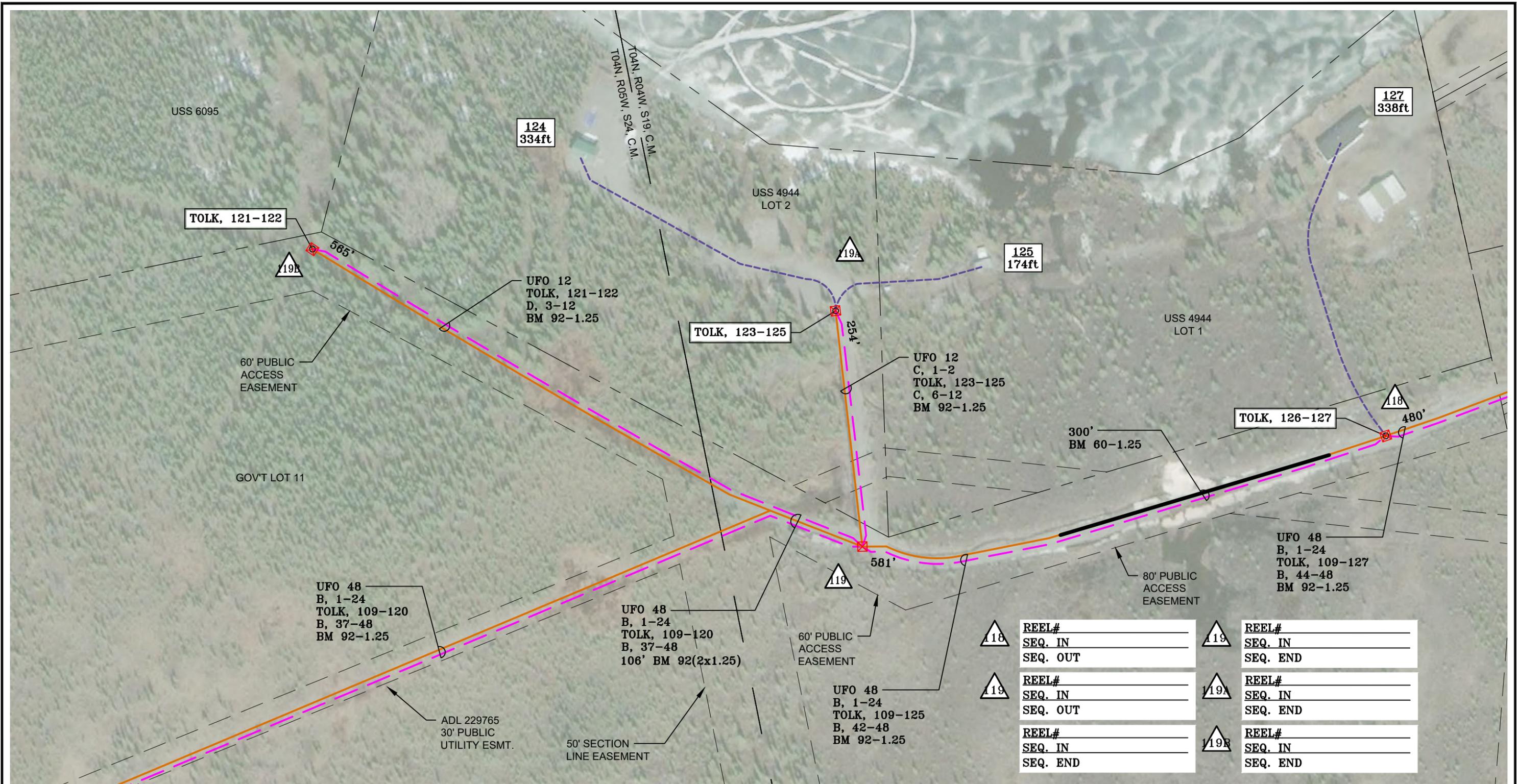
ISSUED FOR PERMIT
TOLSONA LAKE
TOLSONA, AK

PROJECT NO: 23-102
CLIENT WORK ORDER: 1230502

DWG DATE: 03/14/2024
DRAWN BY: MHR
DESIGNED BY: SLM
CHECKED BY: STW

TL-03

SHEET: 10 OF 18



118	REEL# _____	119	REEL# _____
	SEQ. IN _____		SEQ. IN _____
	SEQ. OUT _____		SEQ. END _____
119	REEL# _____	119A	REEL# _____
	SEQ. IN _____		SEQ. IN _____
	SEQ. OUT _____		SEQ. END _____
	REEL# _____	119B	REEL# _____
	SEQ. IN _____		SEQ. IN _____
	SEQ. END _____		SEQ. END _____

NO.	REVISION DESCRIPTIONS	DATE

SCALE: 1" = 100'	###	###	09
	05	04	03
	###	###	02

SECTION 19,
T04N, R04W /
SECTION 24,
T04N, R05W
C.M.



ISSUED FOR PERMIT
TOLSONA LAKE
TOLSONA, AK

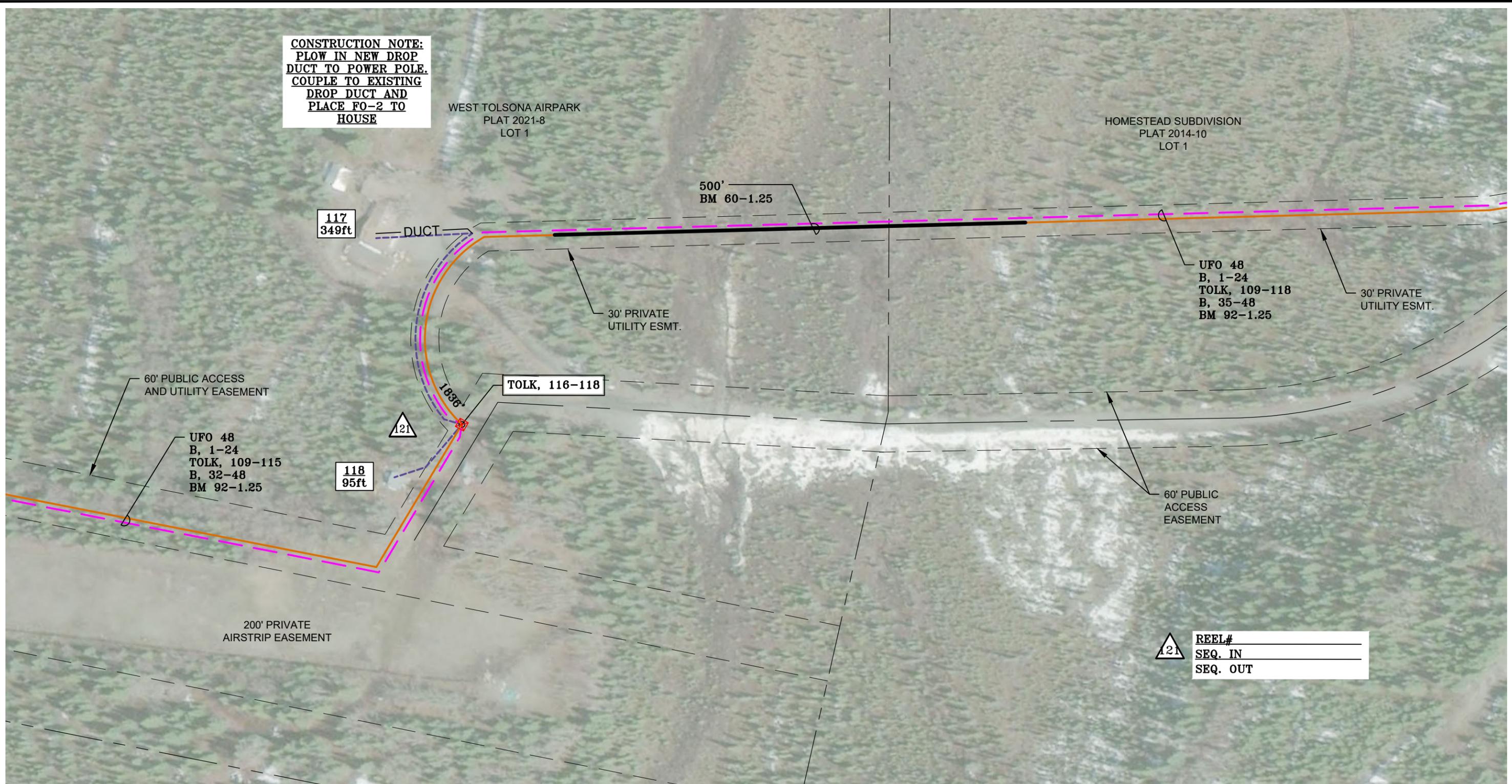
PROJECT NO: 23-102
CLIENT WORK ORDER: 1230502

DWG DATE: 03/14/2024
DRAWN BY: MHR
DESIGNED BY: SLM
CHECKED BY: STW

TL-04

SHEET: 11 OF 18

**CONSTRUCTION NOTE:
 PLOW IN NEW DROP
 DUCT TO POWER POLE.
 COUPLE TO EXISTING
 DROP DUCT AND
 PLACE FO-2 TO
 HOUSE**



△ 121 REEL# _____
 SEQ. IN _____
 SEQ. OUT _____

NO.	REVISION DESCRIPTIONS	DATE	SCALE: 1" = 100'

###	###	###
07	06	05
###	###	###

SECTION 24,
 T04N, R05W,
 C.M.



ISSUED FOR PERMIT
 TOLSONA LAKE
 TOLSONA, AK

PROJECT NO: 23-102
 CLIENT WORK ORDER: 1230502

DWG DATE: 03/14/2024 DESIGNED BY: SLM
 DRAWN BY: MHR CHECKED BY: STW

TL-06

SHEET: 13 OF 18



REEL#	_____
SEQ. IN	_____
SEQ. OUT	_____
REEL#	_____
SEQ. IN	_____
SEQ. END	_____

NO.	REVISION DESCRIPTIONS	DATE

SCALE: 1" = 100'

###	###	###
08	07	06
###	###	###

SECTION 24,
T04N, R05W,
C.M.



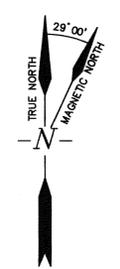
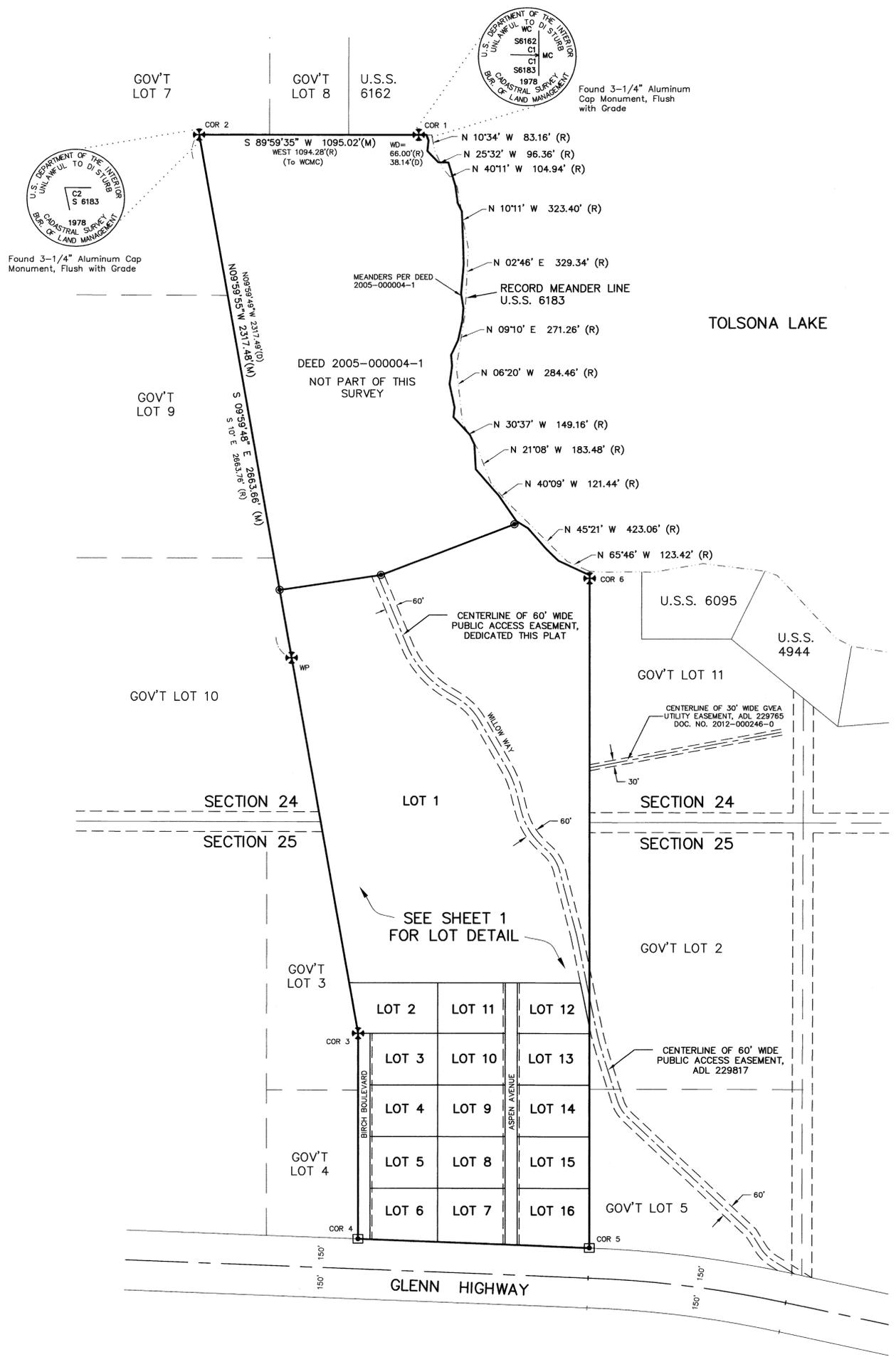
ISSUED FOR PERMIT
TOLSONA LAKE
TOLSONA, AK

PROJECT NO: 23-102
CLIENT WORK ORDER: 1230502

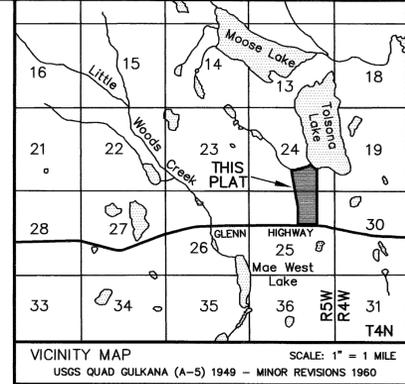
DWG DATE: 03/14/2024 DESIGNED BY: SLM
DRAWN BY: MHR CHECKED BY: STW

TL-07

SHEET: 14 OF 18



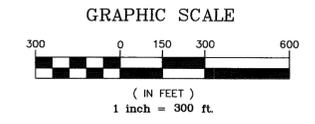
U.S.G.S. QUADRANGLE MAP
GULKANA (A-S) 1949



LEGEND

- ⊕ PRIMARY MONUMENT RECOVERED, 3-1/4" ALUMINUM CAP MONUMENT ON 5/8" ALUMINUM ROD
- ▣ MONUMENT RECOVERED, 6"x6" YELLOW PAINTED CONCRETE POST WITH 1/8" COPPER WIRE, GOOD CONDITION
- SECONDARY MONUMENT SET THIS SURVEY, 5/8"x30" REBAR WITH 2" ALUMINUM CAP
- ⊙ SECONDARY MONUMENT FOUND THIS SURVEY, 5/8" REBAR, GOOD CONDITION
- (M) MEASURED DIMENSIONS THIS SURVEY
- (R) RECORD DIMENSIONS PER B.L.M. PLAT/U.S. SURVEY 6183 ACCEPTED OCTOBER 4, 1979
- (D) DEED DIMENSIONS PER DOCUMENT RECORDED AT SERIAL NUMBER 2005-000001-0
- WP WITNESS POST WCMC WITNESS CORNER MEANDER CORNER
- AKDOT ALASKA DEPARTMENT OF TRANSPORTATION
- SURVEYED
- - - UNSURVEYED
- - - EASEMENT LINE
- - - ROAD OR EASEMENT CENTERLINE
- - - RECORD MEANDERS PER B.L.M. PLAT/U.S. SURVEY 6183 ACCEPTED OCTOBER 4, 1979

#2014-10
Recorded - Plat #
Chitina
Recording District
Date 11/18 2014
Time 12:47 PM



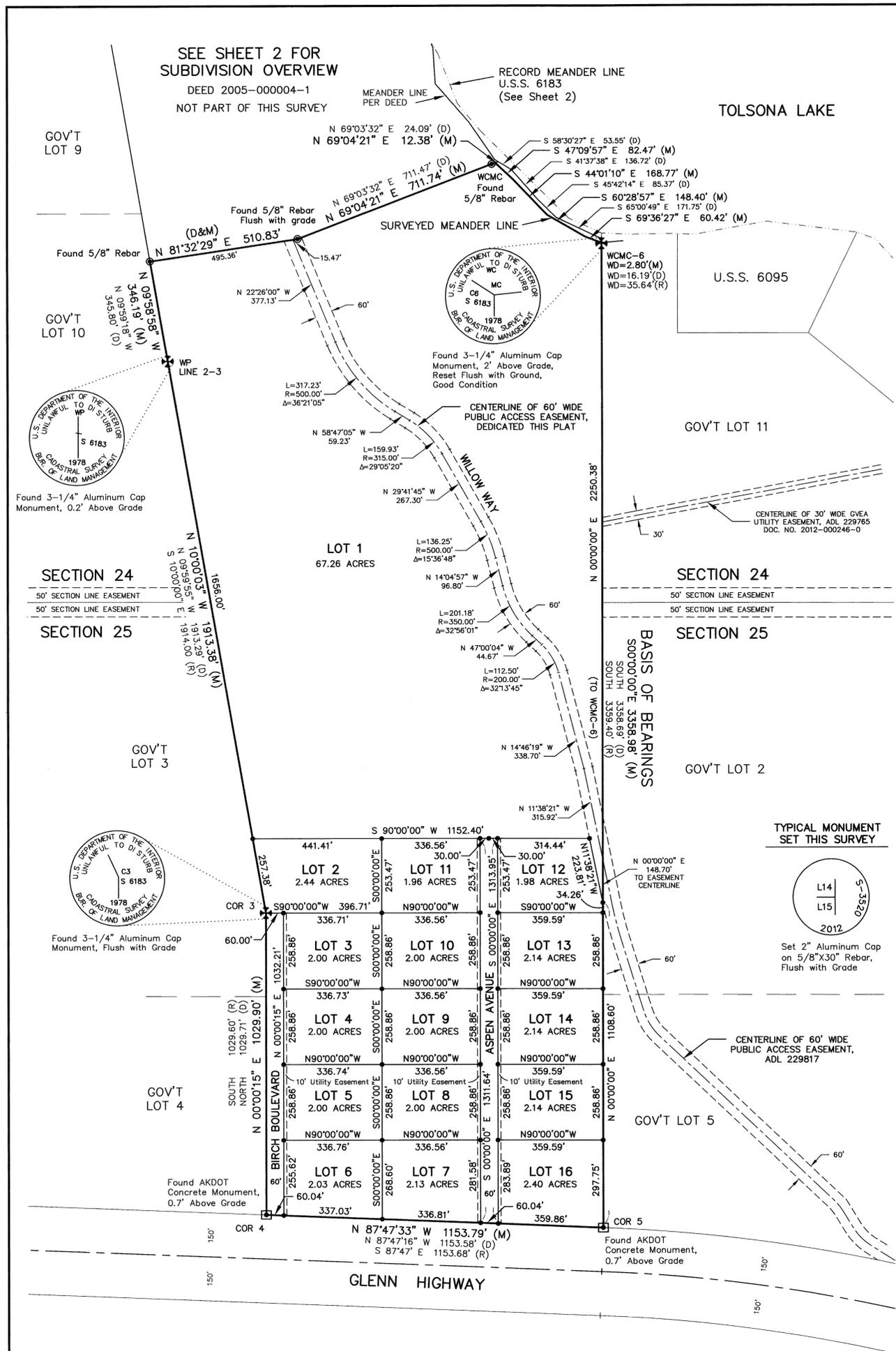
DATE OF SURVEY: BEGINNING 8/21/2012 END 8/28/2012
SURVEYOR: NAME: ERIC P. GOOZEN ADDRESS: P.O. BOX 109 GAKONA, AK 99586

A PLAT OF
The Homestead Subdivision
CREATING LOTS 1 - 16

A SUBDIVISION OF:
CORRECTION DEED DOCUMENT NO. 2005-000001-0, RECORDED 1/3/2005

LOCATED WITHIN SECTIONS 24 & 25, TOWNSHIP 4 NORTH, RANGE 5 WEST, COPPER RIVER MERIDIAN, ALASKA
CONTAINING 101.98± ACRES
CHITINA RECORDING DISTRICT

DRAWN BY: JMZ DATE OF SURVEY: 8/28/2012 **SHEET 2 OF 2**
DATE: 10/14/2014
SCALE: 1" = 300' CHECKED: EPG D.N.R. FILE No.: PA20130049



- ### LEGEND
- ⊕ PRIMARY MONUMENT RECOVERED, 3-1/4" ALUMINUM CAP MONUMENT ON 5/8" ALUMINUM ROD
 - MONUMENT RECOVERED, 6"x6" YELLOW PAINTED CONCRETE POST, WITH 1/8" COPPER WIRE, GOOD CONDITION
 - SECONDARY MONUMENT SET THIS SURVEY, 5/8"x30" REBAR WITH 2" ALUMINUM CAP
 - SECONDARY MONUMENT FOUND THIS SURVEY, 5/8" REBAR, GOOD CONDITION
 - (M) MEASURED DIMENSIONS THIS SURVEY
 - (R) RECORD DIMENSIONS PER B.L.M. PLAT/U.S. SURVEY 6183 ACCEPTED OCTOBER 4, 1979
 - (D) DEED DIMENSIONS PER DOCUMENT RECORDED AT SERIAL NUMBER 2005-000001-0
 - WP WITNESS POST WCMC WITNESS CORNER MEANDER CORNER
 - SURVEYED
 - - - UNRESERVED
 - - - EASEMENT LINE
 - - - ROAD OR EASEMENT CENTERLINE
 - - - RECORD MEANDERS PER B.L.M. PLAT/U.S. SURVEY 6183 ACCEPTED OCTOBER 4, 1979

CORRECTION DEED 2005-000001-0 DESCRIPTION

A TRACT OF LAND SITUATE IN U.S. SURVEY NUMBER 6183 IN SECTIONS 24 AND 25, TOWNSHIP 4 NORTH, RANGE 5 WEST, COPPER RIVER MERIDIAN, CHITINA RECORDING DISTRICT, THIRD JUDICIAL DISTRICT, STATE OF ALASKA, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT CORNER NO. 5, THE TRUE POINT OF BEGINNING; THENCE N.87°47'16"W., ALONG THE SOUTH LINE SAID SURVEY A DISTANCE OF 1,153.58 FEET TO CORNER NO. 4 SAID SURVEY; THENCE NORTH ALONG THE WEST LINE OF SAID SURVEY, A DISTANCE OF 1,029.71 FEET TO CORNER NO. 3 SAID SURVEY; THENCE N. 9°59'55"W., ALONG A WEST LINE OF SAID SURVEY A DISTANCE OF 1913.29 FEET TO A MONUMENT MARKED WP FOR LINE 2-3 SAID SURVEY; THENCE N.9°59'18"W. A DISTANCE OF 345.80 FEET TO A CORNER, A REBAR WITH ALUMINUM CAP; THENCE N. 81°32'29"E., A DISTANCE OF 510.83 FEET TO A CORNER, A REBAR WITH ALUMINUM CAP; THENCE N. 69°03'32"E., A DISTANCE OF 711.47 FEET TO A REBAR WITH ALUMINUM CAP MARKED WCMC; THENCE N.69°03'32"E., A DISTANCE OF 24.09 FEET TO A MEANDER CORNER AT THE SHORE OF TOLSONA LAKE AND THE TRUE POINT OF THIS CORNER; THENCE ALONG THE FOLLOWING MEANDERS OF TOLSONA LAKE, S.58°30'27"E., A DISTANCE OF 53.55 FEET; THENCE S.41°37'38"E., A DISTANCE OF 136.72 FEET; THENCE S.45°42'14"E., A DISTANCE OF 85.37 FEET; THENCE S.60°28'57"E. 148.40' (M) S.65°00'49"E. 171.75' (D) S.69°36'27"E. 60.42' (M)

- ### NOTES
- THE ERROR OF CLOSURE OF THIS SURVEY DOES NOT EXCEED 1:5000.
 - ALL BEARINGS SHOWN ARE TRUE BEARINGS AS ORIENTED TO THE BASIS OF BEARING AND THE DISTANCES SHOWN ARE REDUCED TO HORIZONTAL FIELD DISTANCES.
 - THIS PROPERTY IS SUBJECT TO THE TERMS, RESERVATIONS, CONDITIONS AS CONTAINED IN U.S. PATENT NO. 50-81-0174, RECORDED IN BOOK 12, PAGE 642.
 - DISTANCES GIVEN TO THE FOOT ARE TO THAT FOOT (I.E. 25'=25.00').
 - THIS PROPERTY IS SUBJECT TO AN EASEMENT GRANTED TO COPPER VALLEY ELECTRIC ASSOCIATION TO OPERATE AND MAINTAIN AN ELECTRIC TRANSMISSION AND/OR TELEPHONE DISTRIBUTION LINE OR SYSTEM BY INSTRUMENT RECORDED OCTOBER 28, 2005 AT SERIAL NUMBER 2005-000801-0.
 - A 30' WIDE PRIVATE ROAD EASEMENT FOR INGRESS AND EGRESS WAS RECORDED MAY 28, 2002 IN BOOK 62 AT PAGE 802 AND RE-RECORDED JANUARY 3, 2005 AT SERIAL NUMBER 2005-000001-0. SAID PRIVATE EASEMENT HAS BEEN VACATED PER DOCUMENTS RECORDED AUGUST 11, 2014 AT SERIAL NUMBER 2014-000442-0 AND AT SERIAL NUMBER 2014-000443-0.
 - THE NATURAL MEANDERS OF THE ORDINARY HIGH WATER LINE OF TOLSONA LAKE FORM THE TRUE BOUNDS OF LOT 1. THE APPROXIMATE LINE OF ORDINARY HIGH WATER, AS SHOWN, IS FOR AREA COMPUTATIONS ONLY. THE TRUE LOT 1 CORNERS BEING ON THE EXTENSION OF THE SIDELINES AND THEIR INTERSECTION WITH THE NATURAL MEANDERS.
 - 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.
 - ANY MODIFICATION OF EXISTING DRIVEWAYS OR CONSTRUCTION OF NEW DRIVEWAYS ONTO THE GLENN HIGHWAY RIGHT-OF-WAY WILL REQUIRE A DRIVEWAY PERMIT FROM THE ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES.
 - THE 10' UTILITY EASEMENTS DEPICTED ALONG BIRCH BOULEVARD AND ASPEN AVENUE ARE DEDICATED THIS PLAT AS PUBLIC.

PLAT APPROVAL

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.

Small Jennings
COMMISSIONER
DATE: Nov. 12, 2014

TAX CERTIFICATE

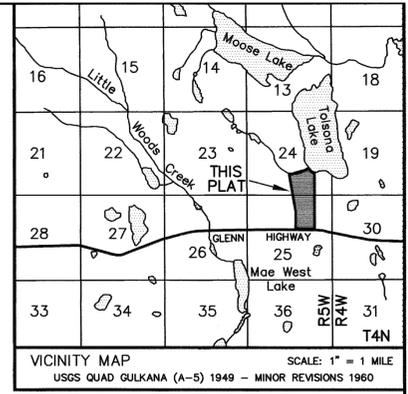
THIS SUBDIVISION LIES OUTSIDE OF ANY TAXING AUTHORITY, AT THE TIME OF FILING.

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: 10-17-14 REGISTRATION No. LS 3520

ERIC P. GOOZEN
REGISTERED LAND SURVEYOR



CERTIFICATE OF OWNERSHIP AND DEDICATION

WE, THE UNDERSIGNED, CERTIFY THAT WE ARE THE OWNERS OF THE HOMESTEAD SUBDIVISION, AS SHOWN ON THIS PLAT. WE APPROVE THIS SURVEY AND PLAT AND DEDICATE OR RESERVE FOR PUBLIC OR PRIVATE USE, AS NOTED, ALL EASEMENTS, PUBLIC UTILITY AREAS, AND RIGHTS-OF-WAY AS SHOWN AND DESCRIBED ON THIS PLAT.

Eric Paul Goozen Jr.
ERIC PAUL GOOZEN JR.
22644 EAGLE GLACIER LOOP
EAGLE RIVER, AK 99577
DATE: 10-23-2014

NOTARY'S ACKNOWLEDGEMENT

SUBSCRIBED AND SWORN TO BEFORE ME THIS 23 DAY OF October, 2014 BY: Eric Paul Goozen Jr., WR, PERSONALLY APPEARING BEFORE ME.

Seralin M. Krausse
NOTARY PUBLIC FOR ALASKA
MY COMMISSION EXPIRES: May 8th 2018

NOTARY PUBLIC
SERALIN M. KRAUSSE
STATE OF ALASKA

NOTARY'S ACKNOWLEDGEMENT

SUBSCRIBED AND SWORN TO BEFORE ME THIS 23 DAY OF October, 2014 BY: Holly Bly Goozen, WR, PERSONALLY APPEARING BEFORE ME.

Holly Bly Goozen
HOLLY BLY GOOZEN
22644 EAGLE GLACIER LOOP
EAGLE RIVER, AK 99577
DATE: 10-23-2014

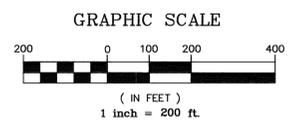
NOTARY PUBLIC
SERALIN M. KRAUSSE
STATE OF ALASKA

NOTARY'S ACKNOWLEDGEMENT

SUBSCRIBED AND SWORN TO BEFORE ME THIS 23 DAY OF October, 2014 BY: Holly Bly Goozen, WR, PERSONALLY APPEARING BEFORE ME.

Seralin M. Krausse
NOTARY PUBLIC FOR ALASKA
MY COMMISSION EXPIRES: May 8th 2018

NOTARY PUBLIC
SERALIN M. KRAUSSE
STATE OF ALASKA



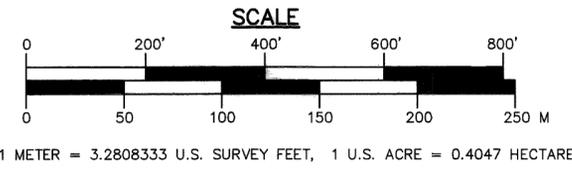
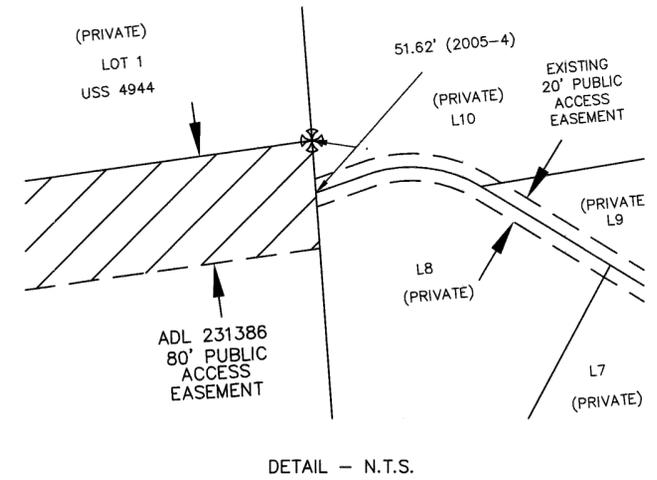
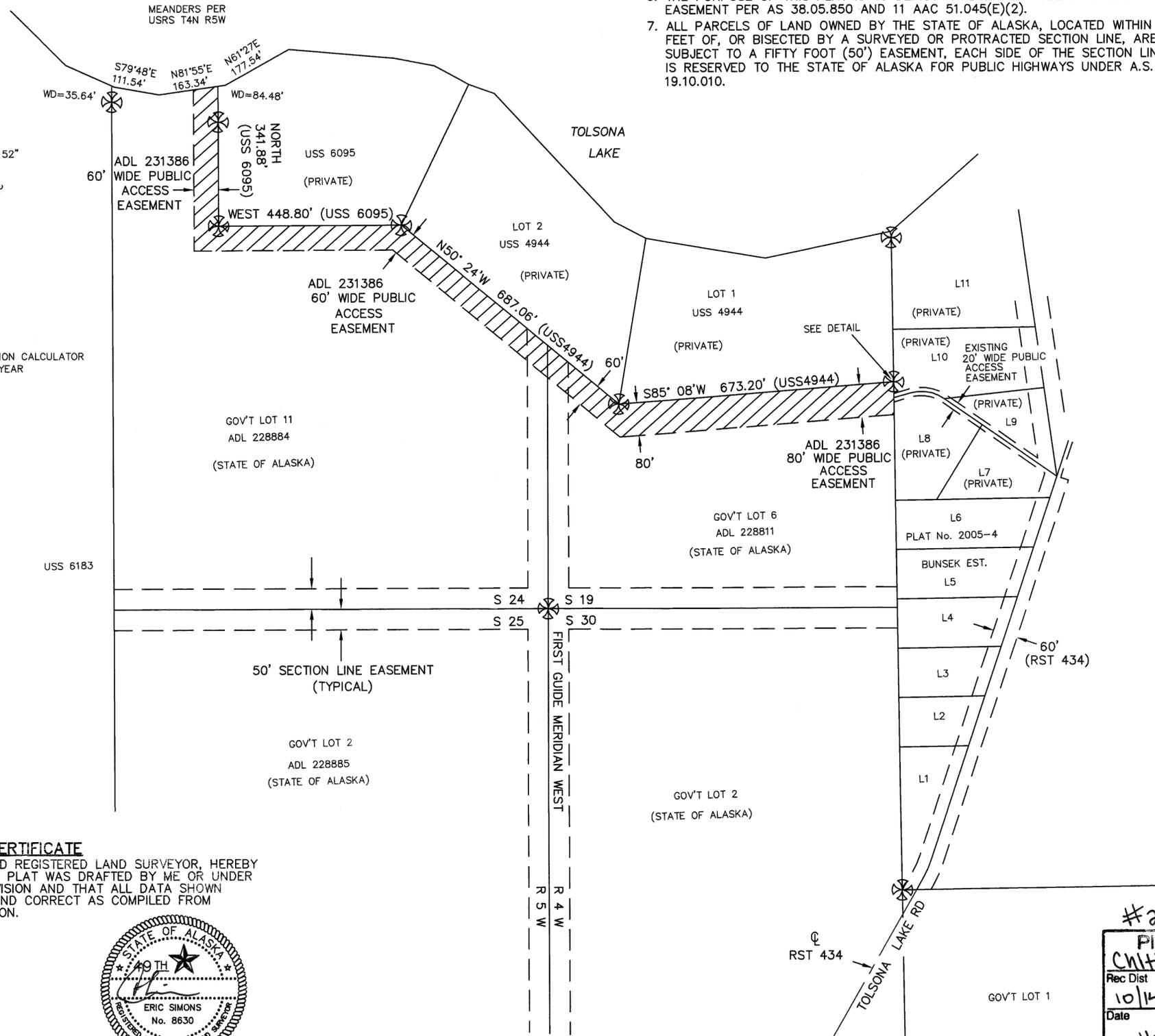
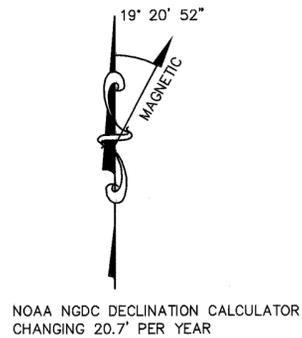
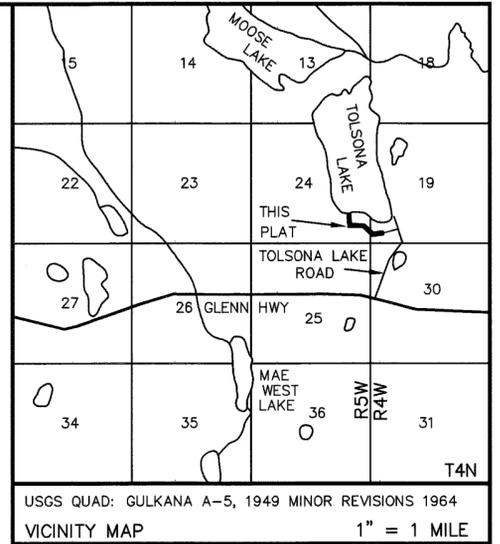
DATE OF SURVEY: BEGINNING <u>8/21/2012</u> END <u>8/28/2012</u>	SURVEYOR: NAME: ERIC P. GOOZEN ADDRESS: P.O. BOX 109 GAKONA, AK 99586
A PLAT OF The Homestead Subdivision CREATING LOTS 1 - 16	
A SUBDIVISION OF: CORRECTION DEED DOCUMENT NO. 2005-000001-0, RECORDED 1/3/2005 LOCATED WITHIN SECTIONS 24 & 25, TOWNSHIP 4 NORTH, RANGE 5 WEST, COPPER RIVER MERIDIAN, ALASKA CONTAINING 101.98± ACRES CHITINA RECORDING DISTRICT	
DRAWN BY: <u>JMZ</u> DATE: <u>10/14/2014</u> SCALE: <u>1" = 200'</u>	DATE OF SURVEY: <u>8/28/2012</u> CHECKED: <u>EPG</u> D.N.R. FILE No.: <u>PA20130049</u>
SHEET 1 OF 2	

LEGEND

- BLM PRIMARY MONUMENT OF RECORD
- UN-SURVEYED LINE
- SURVEYED LINE
- CENTERLINE
- ADL 231386

NOTES

1. DIAGONALLY HATCHED AREA INDICATES ADL 231386 PUBLIC ACCESS EASEMENT.
2. NO FIELD SURVEY HAS BEEN CONDUCTED IN RELATION TO THE PREPARATION OF THIS PLAT.
3. THE RECORD DATA WAS COMPILED FROM THE FOLLOWING PLATS:
BUNSEK ESTATES, PLAT No. 2005-4;
USS 4944, ACCEPTED 3/6/69;
USS 6095, ACCEPTED 10/4/79;
USS 6183, ACCEPTED 10/4/79;
USRS T4N, R5W, CRM, SUPPLEMENTAL PLAT, ACCEPTED 4/20/82;
USRS T4N, R4W, CRM, ACCEPTED 1/26/76;
USRS T4N, R5W, CRM, ACCEPTED 1/26/76;
ALL WITHIN THE CHITINA RECORDING DISTRICT.
4. THIS SURVEY DOES NOT CONSTITUTE A SUBDIVISION AS DEFINED BY A.S. 40.15.900(5)(A).
5. ADL 231386 HAS A TOTAL LENGTH OF 2210.9' AND CONTAINS A TOTAL OF 3.35± ACRES.
6. THE PURPOSE OF THIS PLAT IS TO DEPICT A RESERVED PUBLIC ACCESS EASEMENT PER AS 38.05.850 AND 11 AAC 51.045(E)(2).
7. 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.



SURVEYOR'S CERTIFICATE

I, THE UNDERSIGNED REGISTERED LAND SURVEYOR, HEREBY CERTIFY THAT THIS PLAT WAS DRAFTED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT ALL DATA SHOWN HEREON IS TRUE AND CORRECT AS COMPILED FROM RECORD INFORMATION.

DATE: 10/1/14
ERIC SIMONS
NAME OF SURVEYOR



#2014-8
Plat #
Chitina
Rec Dist
10/14 2014
Date
Time 11:46 AM

DATE OF SURVEY: BEGINNING: <u>N/A</u> ENDING: <u>N/A</u>	NAME OF SURVEYOR: STATE OF ALASKA/DNR DIVISION OF MINING, LAND & WATER SURVEY SECTION
RECORD OF SURVEY	
GTE: 1) ADL 231386 2) SOUTH TOLSONA LAKE SHORE LINE ACCESS 3) PUBLIC ACCESS EASEMENT	
LOCATED WITHIN S 19, T. 4 N., R. 4 W.; S 24, T. 4 N., R. 5 W., COPPER RIVER MERIDIAN, ALASKA CHITINA RECORDING DISTRICT	
DRAWN BY: ES DATE: 6/13/14	DNR APPROVAL: STATEWIDE PLATTING SUPERVISOR DATE: <u>10/7/2014</u>
SCALE: 1" = 200'	CHECKED BY: ES/SB FILE NO. EPF 20120024



Please Return Recorded Document to:
Department of Natural Resources
Division of Mining, Land and Water, SCRO
550 W. 7th Avenue, Suite 900 C
Anchorage, AK 99501-3577

This easement is within the
Chitina Recording District

State Business – No charge

**THIS COVER SHEET HAS BEEN ADDED TO
THIS DOCUMENT TO PROVIDE SPACE FOR
THE RECORDING DATA. THIS COVER
SHEET APPEARS AS THE FIRST PAGE OF
THE DOCUMENT IN THE OFFICIAL PUBLIC
RECORD.**

DO NOT DETACH

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

ADL 229765
Copper Valley Electric Association
UTILITY EASEMENT
AS 38.05.850
11 AAC51

THIS EASEMENT is granted this ____ day of _____, by the STATE OF ALASKA, acting by and through the **Department of Natural Resources, Division of Mining, Land and Water**, hereinafter referred to as the grantor, whose address is 550 W. 7th Avenue, Suite 900 C, Anchorage, AK 99501-3577. **Copper Valley Electric Association**, whose address is P.O. Box 45, Glennallen, AK 99588-0045, is hereinafter referred to as the grantee.

IN accordance with the provisions of AS 38.05.850, and the rules and regulations promulgated thereunder, the grantee has filed an application for a utility easement, and the grantor hereby reserves an easement for operation and maintenance of electric transmission lines. This easement, situated within the Chitina Recording District, is shown on the attached Survey (prepared and certificated on December 15, 2008 by Phillips Surveying for Copper Valley Electric Association and approved by DNR on December 15, 2008) identified as "Exhibit A" revealing the easement area granted herein.

WHEREAS, it is understood and agreed that, as a condition to the granting of said easement, the land covered by this easement shall be used for no purpose other than the operation and maintenance of said electric transmission line across portions of the following described state lands:

Affected portion(s) of Government Lots 2, 3, 6 and 11, Sections 19 and 30, Township 4 North, Range 4 West, Copper River Meridian, Alaska and of Section 24, Township 4 North, Range 5 West, Copper River Meridian, Alaska. The easement contains 134,364 square feet, being 3.09 acres, and as depicted on the attached "Exhibit A".

To have and to hold the same until the above described land shall no longer be used for the above-mentioned purpose and subject to conditions and reservations of this document and the Stipulations, attached hereto as "Attachment A", and made a part hereof.

The grantee and entry persons in the exercise of the rights and privileges granted by this document shall comply with all regulations now in effect or as hereafter established by the Division of Mining, Land and Water, and other federal, state or local laws, regulations or ordinances applicable to the area herein granted.



The grantee shall utilize the land herein granted consistent with the purposes of the proposed use, as revealed by the application. In addition, the grantee shall maintain the premise in a neat and orderly manner and shall adopt and apply such safety measures as shall be necessary, proper and prudent with respect to the use to which the land is subjected.

In the event that the easement herein granted shall in any manner conflict with or overlap a previously granted easement or right-of-way, the grantee recognizes that the easement granted herein shall be used in such a manner as not to interfere with the peaceful use and enjoyment of the previously issued easement or right-of-way. No improvements shall be constructed within the overlapping area unless the consent has previously been obtained from the users of the pre-existing easement or right-of-way.

Any lands included in this easement, which are sold under a contract to purchase, shall be subject to this easement. Upon issuance of title to the purchaser, this easement shall remain in effect until its termination.

The State of Alaska shall be forever wholly absolved from any liability or damages, which might result if this easement is cancelled, revoked, forfeited, abandoned or terminated, as well as any claims, suits, loss, liability, and expense for injury to, or death of persons and damage to or loss of property arising out of or in connection with this grant.

In case the necessity for the easement shall no longer exist, or the grantee should abandon or fail to use the same, this easement shall terminate.

Upon abandonment, termination, revocation, forfeiture or cancellation of this easement, the grantee shall within 90 days, remove all structures and improvements from the area herein granted, except those owned by the grantor, and shall restore the area to the same or similar condition as the same was upon the issuance of this easement. Should the grantee fail or refuse to remove said structures or improvements, within the time allotted, they shall revert to and become the property of the grantor; however, the grantee shall not be relieved of the cost of the removal of the structures, improvements and/or the cost of restoring the area. The grantor, in its discretion, may alter or modify the requirements contained in this provision if it is in the best interest of the State of Alaska to do so.

NOW THEREFORE, in accordance with the provisions of AS 38.05.850 and the rules and regulations promulgated thereunder and in accordance with the conditions of this easement including all attachments and documents that are incorporated by reference, the grantee is authorized to operate and maintain said easement over and across lands herein described.

IN WITNESS WHEREOF, the said grantor has signed this easement and affixed his signature on the day and year first written above.

SIGNATURE PAGE FOLLOWS THIS PAGE

ADL 229765

Page 2 of 6



3 of 17

2012-000246-0

ATTACHMENT A
STANDARD STIPULATIONS
ADL 229765

1. **Authorized Officer.** The Authorized Officer (AO) for the Department of Natural Resources is the Southcentral Regional Manager or designee of the Division of Mining, Land and Water. The AO may be contacted at 550 W. 7th Avenue, Suite 900C, Anchorage, AK 99501-3577, telephone number (907) 269-8503. The AO reserves the right to modify these stipulations or use additional stipulations as deemed necessary. Grantee will be notified in writing prior to the implementation of any change in the terms or conditions exercised by the Grantor under this provision. Grantee will be afforded the opportunity to review and comment regarding the affect of any proposed change to this authorization. Failure of the Grantee to notify the Grantor of any change to current officers, or addresses shall not be sufficient grounds to invalidate the Grantor's compliance with this notification process. Grantee will be notified in writing prior to the implementation of any change in the terms or conditions exercised by the Grantor under this provision. Grantee will be afforded the opportunity to review and comment regarding the affect of any proposed change to this authorization. Failure of the Grantee to notify the Grantor of any change to current officers, or addresses shall not be sufficient grounds to invalidate the Grantor's compliance with this notification process.

2. **Indemnification.** The grantee assumes all responsibility, risk, and liability for all activities of the grantee, its employees, agents, invitees, contractors, subcontractors, or licensees directly or indirectly conducted in connection with this easement, including environmental and hazardous substance risks and liabilities, whether accruing during or after the term of this easement. The grantee shall defend, indemnify and hold harmless the State of Alaska, its employees, and agents from and against any and all suits, claims, actions losses, costs, penalties, and damages of whatever kind and nature, including any and all attorney's fees and litigation costs, arising out of, in connection with, or incident to any act or omission by the grantee, its employees, agents, invitees, contractors, subcontractors, or licenses, unless sole proximate cause of the injury or damage is the negligence or willful misconduct of the State or anyone acting on the State's behalf. Within fifteen (15) days the grantee shall accept any such cause or action or proceeding upon tender by the State. This indemnification shall survive the termination of the easement.

3. **Valid Existing Rights.** This authorization is subject to all valid existing rights in and to the land under this authorization. The State of Alaska makes no representation or warranties whatsoever, either expressed or implied, as to the existence, number or nature of such valid existing rights.

4. **Reservation of Rights.**
 - a) The Division of Mining, Land and Water reserves the right to grant additional authorizations to third parties for compatible uses on or adjacent to the land under this authorization.
 - b) The division may require authorized users of the state land to enter into an equitable operation or maintenance agreement.
 - c) Authorized concurrent users of state land, their agents, employees, contractors, subcontractors, and licensees shall not interfere with the operation or maintenance activities of each user.



5. **Alaska Historic Preservation Act.** The grantee shall consult the Alaska Heritage Resources Survey at (907) 269-8718, so known historic, archaeological and paleontological sites may be avoided. The Alaska Historic Preservation Act (AS 41.35.200) prohibits the appropriation, excavation, removal, injury, or destruction of any state-owned historic, prehistoric (paleontological), or archaeological site without a permit from the commissioner. Should any sites be discovered during the course of field operations, activities that may damage the site will cease and the Office of History and Archaeology in the Division of Parks and Outdoor Recreation shall be notified immediately at (907) 269-8720.
6. **Habitat Management and Permitting.** Prior to any construction or development that will use, divert, obstruct or utilize any of the waters of the state, the entry person shall first obtain approval from the Director of the Alaska Department of Fish and Game, Division of Habitat, and file an image copy thereof with the grantor.
7. **Fire Prevention, Protection and Liability.** The grantee shall take all reasonable precautions to prevent and suppress brush and forest fires. No material shall be disposed of by burning an open fire during the closed season unless a permit has first been obtained from the agency empowered by law to issue such permits. Grantee shall assume full liability for any damages to state land resulting from the negligent use of fire. The State of Alaska is not liable for damages to the grantee's personal property and is not responsible for forest fire protection of the grantee's activity.
8. **Termination.** This easement does not convey an interest in state land. It shall remain valid unless amended by written decision of the Authorized Officer.
9. **Assignment.** This easement may be transferred or assigned with prior written approval from the Authorized Officer.
10. **Maintenance of Improvements.** The State assumes neither responsibility for maintenance of improvements constructed on state land nor liability for injuries or damages attributable to that construction.
11. **Site Maintenance.** The area subject to this authorization shall be maintained in a neat, clean and safe condition, free of any solid waste, debris or litter.
12. **Destruction of Markers.** All survey monuments, witness corners, reference monuments, mining claim posts, bearing trees, and unsurveyed lease corner posts shall be protected against damage, destruction, or obliteration. The grantee shall notify the Authorized Officer of any damaged, destroyed, or obliterated markers and shall reestablish the markers at the grantee's expense in accordance with accepted survey practices of the Division of Mining, Land and Water.
13. **Site Restoration.** The site shall be restored to a condition acceptable to the Authorized Officer upon termination of the authorization, if applicable.
14. **Inspection.**
 - a) Authorized Officers of the State of Alaska shall have reasonable access to the subject parcel for purposes of inspections.
 - b) The grantee may be charged fees under 11 AAC 05.010(a)(7)(M) for routine inspections of the subject parcel, inspections concerning non-compliance, and a



final close out inspection.

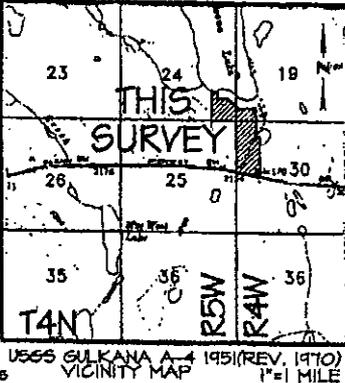
15. **Compliance with Governmental Requirements; Recovery of Costs.** Grantee shall, at its expense, comply with all applicable laws, regulations, rules, and orders and the requirements and stipulations included in this authorization. Grantee shall ensure compliance with this authorization by its employees, agents, contractors, subcontractors, licensees, or invitees.
16. **Other Authorizations.** The issuance of this authorization does not alleviate the necessity of the grantee to obtain all necessary authorizations required by other federal, state or local agencies, for proper implementation of this activity. Failure to obtain said authorizations shall constitute grounds for termination of this easement.
17. **Violations.** This authorization is revocable immediately upon violation of any of its terms, conditions, stipulations, nonpayment of fees, or upon failure to comply with any other applicable laws, statutes, and regulations (federal and state). Should any unlawful discharge, leakage, spillage, emission, or pollution of any type occur due to grantee's, or its employees', agents', contractors', subcontractors', licensees, or invitees' acts or omissions; grantee, at its expense shall be obligated to clean the area to the reasonable satisfaction of the State of Alaska.
18. **Change of Address.** Any change of address must be submitted in writing to the Authorized Officer. Any change of address or authorized officers appointed by the Grantee must be submitted in writing to the Authorized Officer.
19. **Change of Address or Officers.** Any change of address or authorized officers appointed by the Grantee must be submitted in writing to the Authorized Officer.
20. **Fuel and Hazardous Substances.** No fuel or hazardous substances are to be stored on the subject parcel. Prior written approval from the Authorized Officer is required for a change in this restriction. Such approval may include additional stipulations.
21. **Notification of Discharge.** The grantee shall immediately notify both the Department of Natural Resources (DNR) and the Department of Environmental Conservation (DEC) by phone of any unauthorized discharge of oil to water, any discharge of hazardous substances (other than oil), and any discharge of oil greater than 55 gallons on land. All fires and explosions must also be reported. The DNR 24-hour spill report number is (907) 451-5678; the fax number is (907) 451-2751. The DEC spill report number is (800) 478-9300. DNR and DEC shall be supplied with all follow-up incident reports.

Return Recorded Document to:
Department of Natural Resources
Division of Mining, Land, and Water
Southcentral Regional Office
550 W 7th Avenue, Suite 900C
Anchorage, AK 99501-3577

EXHIBIT A FOLLOWS THIS PAGE



EXHIBIT A ASBUILT SURVEY

<p>NOTES:</p> <ol style="list-style-type: none"> 1. The minimum bearing and distance closure is 1:5000. 2. All bearings shown are True Bearings, as oriented to the Basis of Bearing and all distances have been reduced to horizontal field distances. 3. Topcon Legacy GPS receivers were used for positioning. 4. Topcon Tools version 6.11 software was used for data reduction. 5. This asbuilt represents a post construction survey of ADL 229765 & 225337. It is intended to depict that portion of the permit as it pertains to state land and is not to be presumed to plat or dedicate those portions pertaining to non-state lands. This asbuilt is not intended to be used to re-establish property boundaries and except as indicated, no encroachments exist within the permitted area. 6. The easements width is 30' wide, 15' each side of the centerline, ADL 229765 is 4,474.8' in length and contains 3.09 acres, ADL 225337 is 411.3' in length and contains 0.29 acres. 	 <p style="text-align: center;">U.S.S. GULKANA A-4 1951 (REV. 1970) VICINITY MAP 1"=1 MILE</p>																					
<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">PARCEL</th> <th style="text-align: left;">ADL 229765</th> <th style="text-align: left;">ADL 225337</th> </tr> </thead> <tbody> <tr> <td>GOV'T LOT 3, SEC. 30 T4N, R4W</td> <td>980.9' 0.66 ACRES</td> <td></td> </tr> <tr> <td>GOV'T LOT 2, SEC. 30 T4N, R4W</td> <td>1374.7' 0.95 ACRES</td> <td>426.3' 0.29 ACRES</td> </tr> <tr> <td>GOV'T LOT 6, SEC. 19 T4N, R4W</td> <td>922.9' 0.63 ACRES (EASTERLY PORTION)</td> <td></td> </tr> <tr> <td></td> <td>114.4' 0.08 ACRES (NW PORTION)</td> <td></td> </tr> <tr> <td>GOV'T LOT 11, SEC. 24 T4N, R5W</td> <td>1081.9' 0.75 ACRES</td> <td></td> </tr> <tr> <td>TOTAL</td> <td>4474.8' 3.09 ACRES</td> <td>426.3' 0.29 ACRES</td> </tr> </tbody> </table>		PARCEL	ADL 229765	ADL 225337	GOV'T LOT 3, SEC. 30 T4N, R4W	980.9' 0.66 ACRES		GOV'T LOT 2, SEC. 30 T4N, R4W	1374.7' 0.95 ACRES	426.3' 0.29 ACRES	GOV'T LOT 6, SEC. 19 T4N, R4W	922.9' 0.63 ACRES (EASTERLY PORTION)			114.4' 0.08 ACRES (NW PORTION)		GOV'T LOT 11, SEC. 24 T4N, R5W	1081.9' 0.75 ACRES		TOTAL	4474.8' 3.09 ACRES	426.3' 0.29 ACRES
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TOTAL	4474.8' 3.09 ACRES	426.3' 0.29 ACRES																				
<ol style="list-style-type: none"> 7. The permit (easement) sidelines shall be extended or shortened to meet at the angle points and terminate at boundaries with non-state owned lands. 8. All position values shown here constrained to the NGS network. 9. For clarity, at this scale only the centerline is shown on this plat. 																						
<p>SURVEYOR'S CERTIFICATE</p> <p>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 hereon exist as described, and that all dimensions and other details are correct.</p> <p>Date <u>July 18, 2008</u> JACK L. PHILLIPS, L50136</p>																						
<p>PREPARED FOR: COPPER VALLEY ELECTRIC ASSOC. PO BOX 45 GLENNALLEN, AK 99586</p>	<p>ADL 229765 & 225337 EXHIBIT A SHEET 1 OF 10</p>																					
<p>SURVEYOR: PHILLIPS SURVEYING HC60 BOX 146B COPPER CENTER, AK 99573 907-822-3530</p>	<p>LOCATED WITHIN SECTIONS 19 & 30, T4N, R4W, S SECTION 24, T4N, R5W, CRM. CHITINA RECORDING DISTRICT</p>																					
<p>DRAWN BY: JLP 10/13/08</p>	<p>DNR APPROVAL</p>																					
<p>DATE OF SURVEY: JUNE 20-28, 2008</p>	<p><u>William S. Brown</u> <i>File</i> 12-15-08 STATEWIDE PLATTING SUPERVISOR DATE</p>																					
<p>SCALE: AS SHOWN</p>	<p>CHECKED: JLP</p>	<p>ADL NO. 229765 & 225337</p>																				



LEGEND

- ⊗ BLM 3 1/4" MONUMENT RECOVERED
- 2" ALUMINUM CAP ON 5/8" REBAR RECOVERED.
- 6" CONCRETE POST RECOVERED
- ⊞ SIGN
- ①①① MONUMENT ID # (SEE SHEET 9)

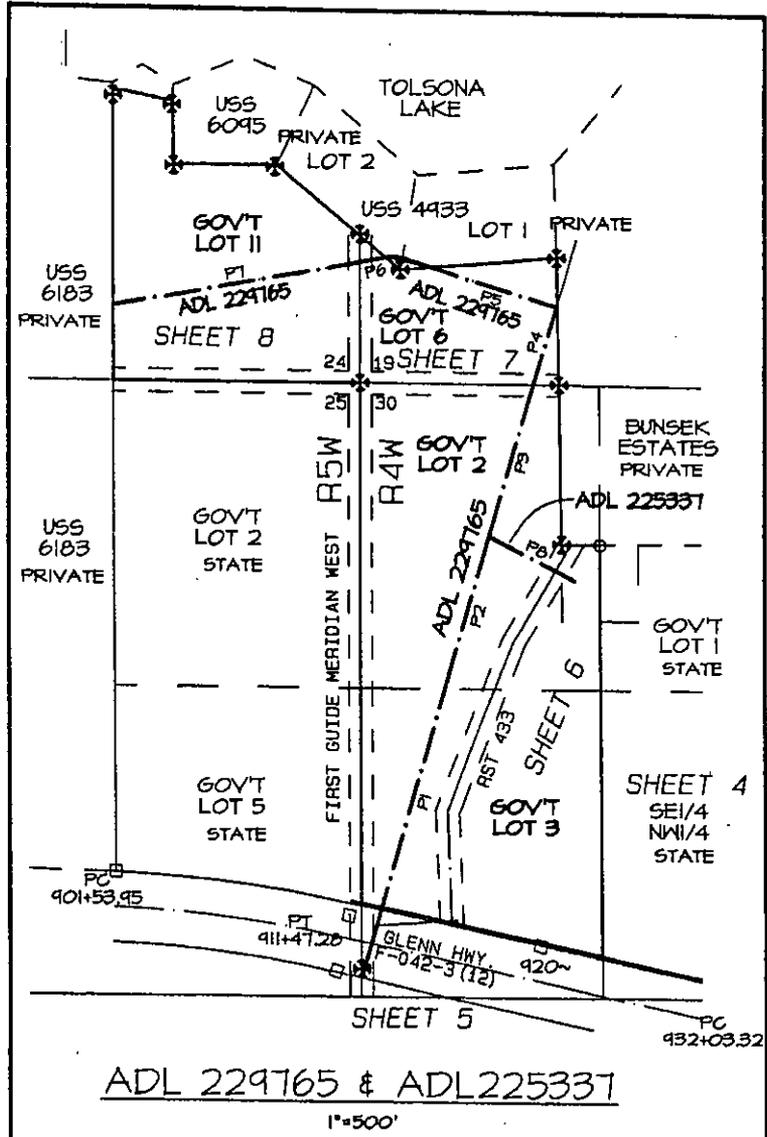
- SURVEYED
- — — — UN SURVEYED OR COMPUTED
- · · · · CENTERLINE OF EASEMENTS.
- RST CENTERLINE
- - - - SECTION LINE/RST EASEMENT
- GLENN HWY CENTERLINE

RECORD INFORMATION

- (R1) USRS T4N R4W CRM, ACCEPTED JANUARY 26, 1976.
- (R2) USRS T4N R5W CRM, ACCEPTED APRIL 20, 1982.
- (R3) USS 4944, ACCEPTED MARCH 6, 1969.
- (R4) USS 6095, ACCEPTED OCTOBER 4, 1979.
- (R5) USS 6183, ACCEPTED OCTOBER 4, 1979.
- (R6) ALASKA DOT/PF PROJECT F-042-3(12) RIGHT OF WAY MAP, APPROVED MAY 9, 1966.
- (R6a) ALASKA DOT/PF PROJECT F-042-3(12) AS BUILT PLANS, APPROVED MAY 27, 1969.
- (R7) ALASKA DOT/PF PROJECT B-3 AS BUILT PLANS, APPROVED MAY 27, 1950.
- (R8) BUNSEK SUBDIVISION, PLAT 2005-4, CHITINA RECORDING DISTRICT.

PREPARED FOR: COPPER VALLEY ELECTRIC ASSOC. PO BOX 45 GLENNALLEN, AK. 99588	ADL 229765 & 225337 SHEET 2 OF 10	
SURVEYOR: PHILLIPS SURVEYING HC60 BOX 146B COPPER CENTER, AK. 99573 907-822-3530	LOCATED WITHIN SECTIONS 19 & 30, T4N, R4W, & SECTION 24, T4N, R5W, CRM. CHITINA RECORDING DISTRICT	
SCALE: AS SHOWN	DATE OF SURVEY: 6/20-28/2008	DRAWN BY: JLP/13/08



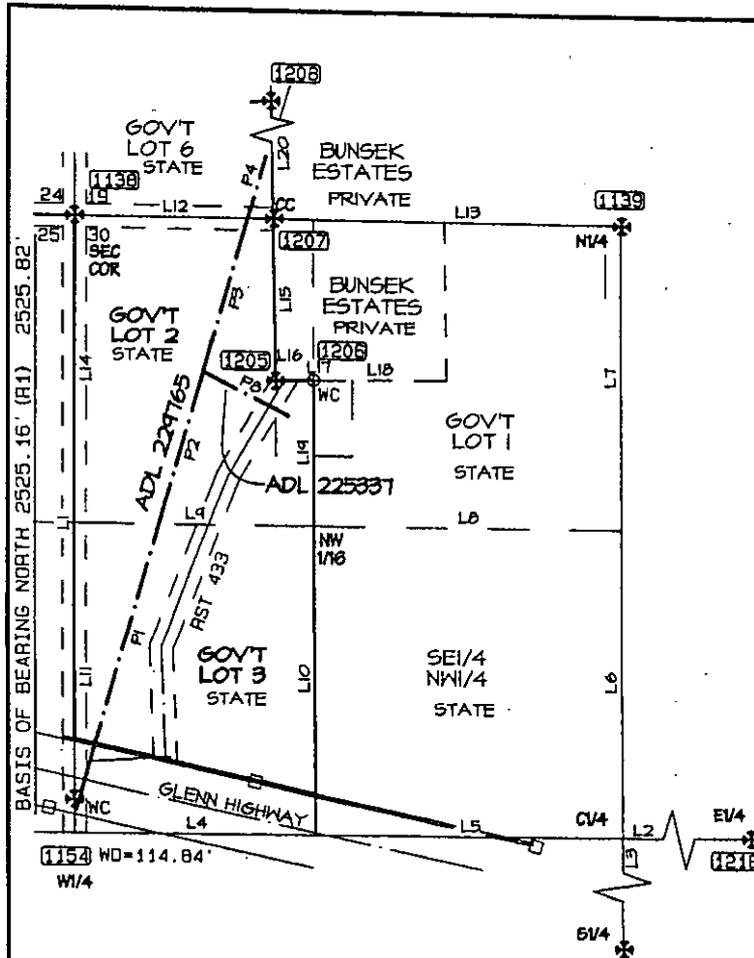


ADL 229765 & ADL 225337

1"=500'

PREPARED FOR: COPPER VALLEY ELECTRIC ASSOC. PO BOX 45 GLENNALLEN, AK 99588	ADL 229765 & 225337 SHEET 3 OF 10	
SURVEYOR: PHILLIPS SURVEYING HC60 BOX 146B COPPER CENTER, AK. 99573 907-822-3590	LOCATED WITHIN SECTIONS 19 & 30, T4N, R4W, & SECTION 24, T4N, R5W, CRM. CHITINA RECORDING DISTRICT	
SCALE: AS SHOWN	DATE OF SURVEY: 6/20-28/2008	DRAWN BY: JLR 10/13/08



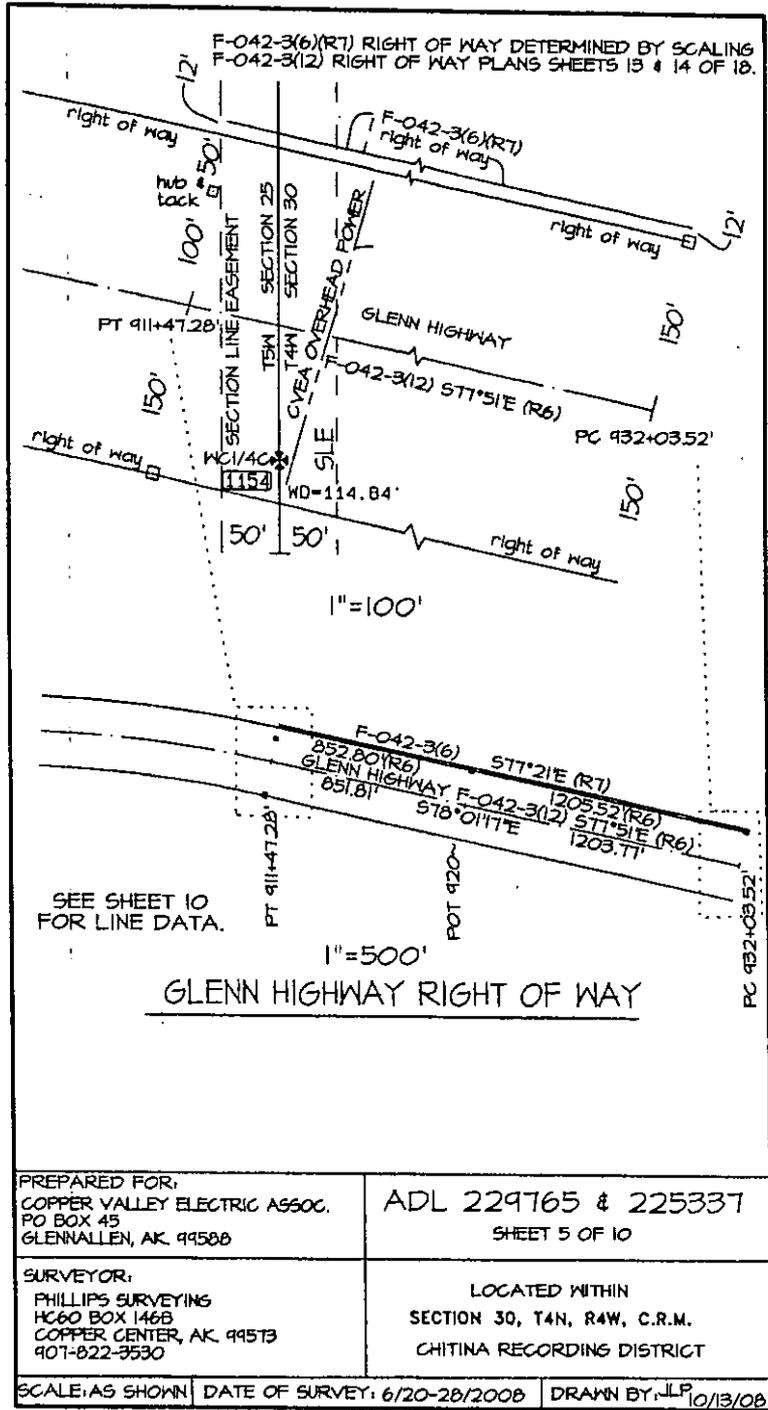


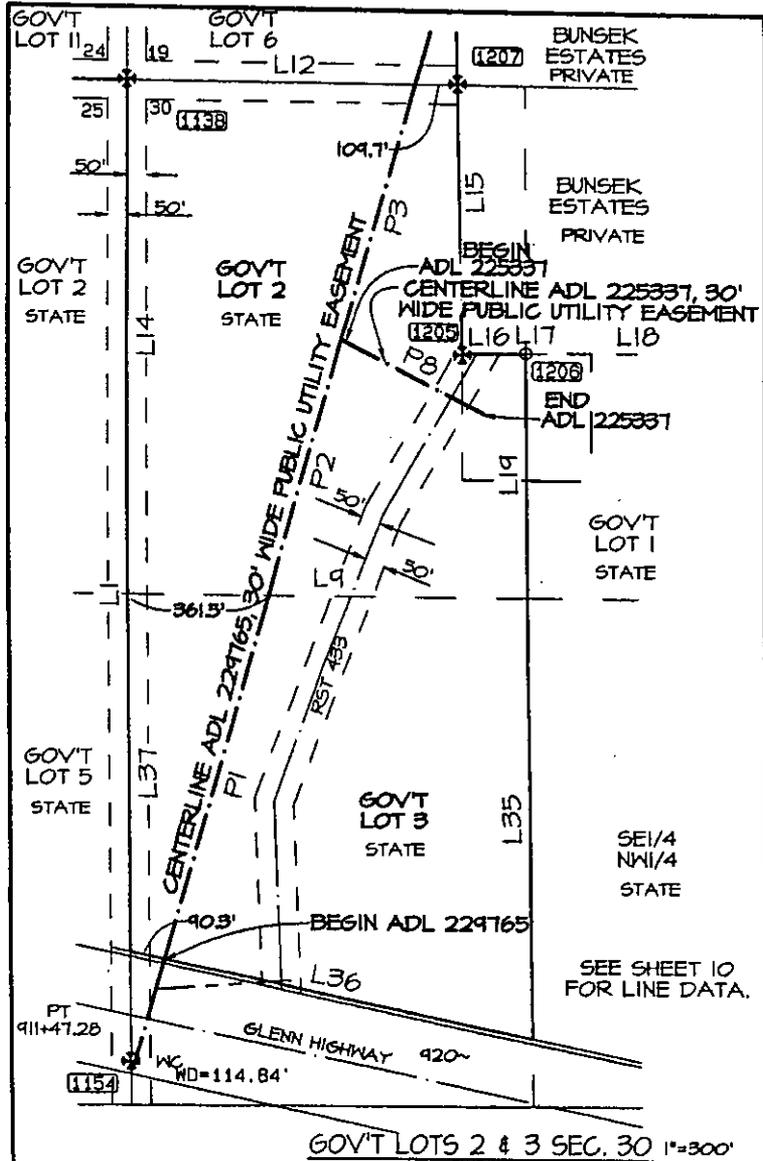
CONTROL
NW1/4 SEC. 30

1"=500'
SEE SHEET 10 FOR LINE DATA.

PREPARED FOR: COPPER VALLEY ELECTRIC ASSOC. PO BOX 45 GLENNALLEN, AK 99588	ADL 229765 & 225337 SHEET 4 OF 10	
SURVEYOR: PHILLIPS SURVEYING HC60 BOX 146B COPPER CENTER, AK 99573 907-822-3530	LOCATED WITHIN SECTIONS 19 & 30, T4N, R4W, & SECTION 24, T4N, R5W, CRM. CHITINA RECORDING DISTRICT	
SCALE: AS SHOWN	DATE OF SURVEY: 6/20-28/2008	DRAWN BY: JLF 10/13/08

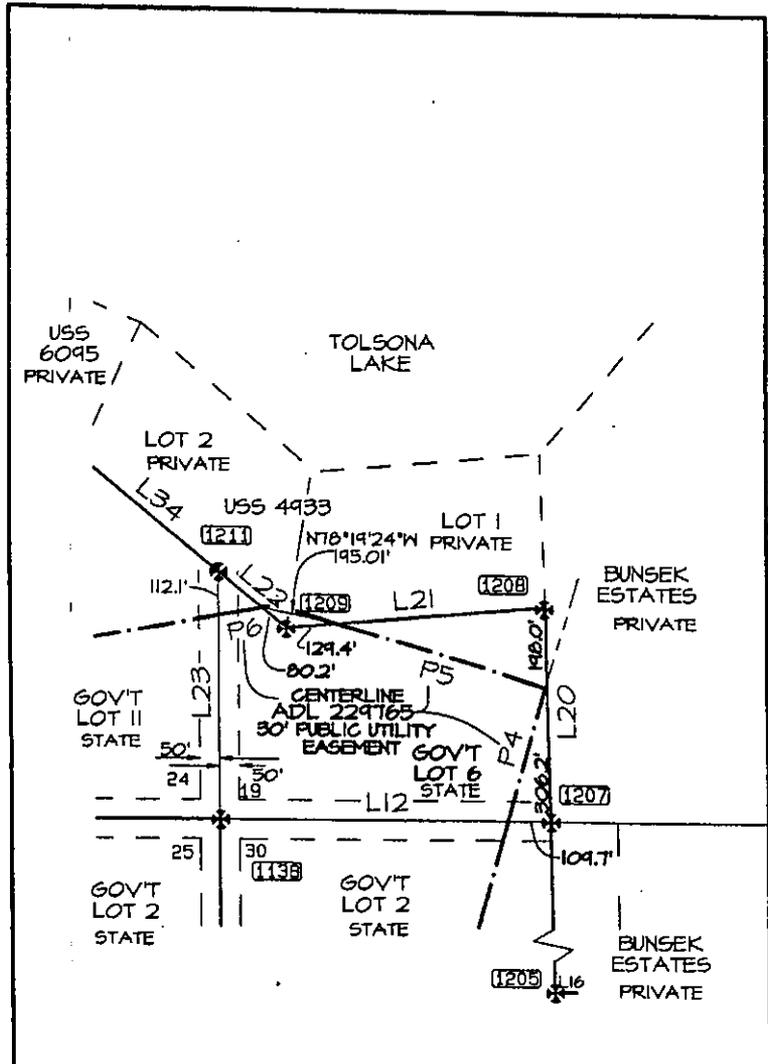






PREPARED FOR: COPPER VALLEY ELECTRIC ASSOC. PO BOX 45 GLENNALLEN, AK 99588	ADL 229765 & 225331 SHEET 6 OF 10
SURVEYOR: PHILLIPS SURVEYING HC60 BOX 146B COPPER CENTER, AK 99573 907-822-3530	LOCATED WITHIN SECTIONS 19 & 30, T4N, R4W, & SECTION 24, T4N, R5W, GRM. CHITINA RECORDING DISTRICT
SCALE AS SHOWN	DATE OF SURVEY: 6/20-28/2008
DRAWN BY: JLP 10/13/08	

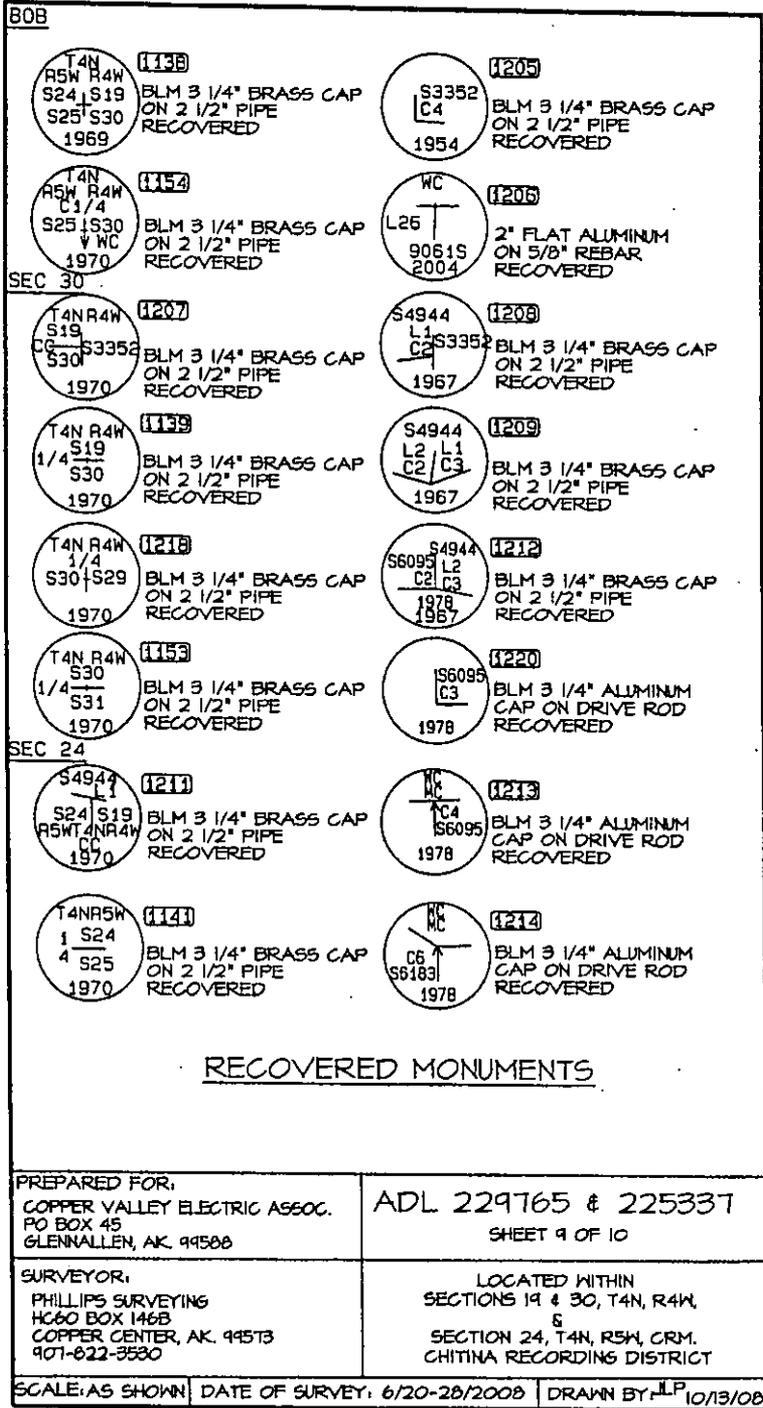




GOV'T LOT 6 SEC. 19
 1"=300'
 SEE SHEET 10 FOR LINE DATA.

PREPARED FOR: COPPER VALLEY ELECTRIC ASSOC. PO BOX 45 GLENNALLEN, AK. 99508	ADL 229765 SHEET 7 OF 10
SURVEYOR: PHILLIPS SURVEYING HC60 BOX 146B COPPER CENTER, AK. 99573 907-822-3530	LOCATED WITHIN SECTIONS 19 & 30, T4N, R4W, & SECTION 24, T4N, R5W, CRM. CHITINA RECORDING DISTRICT
SCALE: AS SHOWN	DATE OF SURVEY: 6/20-28/2008
DRAWN BY: JLP 10/13/08	





LINE TABLES

LINE	BEARING	DISTANCE	
L1	S00°00'00"E	2640.66'	NORTH 2640.00' (R1) 1/4C TO SEC. COR.
L2	N89°58'50"E	4946.24'	W1/4C TO E1/4C SEC. 30
L3	N00°13'24"W	5266.19'	S1/4C TO N1/4C SEC. 30
L4	S89°53'31"W	1036.85'	E-M 1/4 LINE SEC. 30, LOT 3 SOUTH BOUNDARY
L5	S89°53'30"W	1320.00'	E-M 1/4 LINE SEC. 30, SE1/4 NW1/4 SOUTH BOUNDARY
L6	S00°13'25"E	1320.00'	N-S 1/4 LINE SEC.30, SE1/4 NW1/4 EAST BOUNDARY
L7	S00°13'25"E	1311.93'	N-S 1/4 LINE SEC.30, LOT 1 EAST BOUNDARY
L8	S89°53'31"W	1319.98'	E-M 1/16 LINE, LOT 1 SEC. 30 SOUTH BOUNDARY
L9	S89°53'30"W	1031.72'	E-M 1/16 LINE, LOT 2-3 SEC. 30 BOUNDARY
L10	S00°13'22"E	1320.00'	NW1/4 SEC 30, N-S 1/16 LINE, LOT 3 EAST BOUNDARY, SEC 30
L11	N00°00'00"W	1320.00'	SEC. LINE, LOT 3 SEC. 30 WEST BOUNDARY
L12	S89°58'21"W	854.13'	WEST 855.36'(R1) LOT 2 SEC. 30 N. BDRY.
L13	N89°49'09"W	1320.00'	N1/4C TO W1/16 SEC. 30, LOT 1 N. BDRY., PARTIAL
L14	N00°00'01"W	1320.66'	SEC. LINE, LOT 2 SEC. 30 WEST BOUNDARY
L15	N00°56'47"W	694.65'	S0°37'40"(R6), LOT 2 EAST BOUNDARY, NORTH
L16	S89°06'02"W	134.66'	N89°07'43"E 134.54' (R6), LOT 2 SEC. 30.
L17	S89°06'02"W	29.03'	WC TO 1/16 LINE INTERSECTION, LOT 2 SEC. 30.
L18	S89°06'02"W	570.58'	N89°07'43"E 599.61' (R6).
L19	S00°13'23"E	627.13'	C NS 1/16 LINE NW 1/4, LOT 2 SEC. 30.
L20	N00°58'38"W	556.23'	S0°37'40"(R6) LOT 6 SEC. 19 EAST BOUNDARY
L21	S84°58'13"W	672.49'	S0°08'11" 673.20' (R3) LOT 6 SEC. 19 NORTH BOUNDARY
L22	N50°40'59"W	225.51'	N50°24'(R3) LOT 6 SEC. 19 NORTH BOUNDARY
L23	S00°01'30"W	640.49'	SOUTH 640.20' (R1) LOT 6 SEC. 19 WEST BOUNDARY
L24	S89°51'06"W	2639.68'	WEST 2640.00 (R2)
L25	S89°51'07"W	1062.97'	WEST (R2), LOT 11 SEC. 24 SOUTH BOUNDARY
L26	S00°09'07"E	3358.39'	SOUTH 3359.40' (R5), LOT 11 SEC. 24 WEST BOUNDARY
L27	N00°09'07"W	1240.58'	SOUTH (R5), LOT 11 SEC. 24 WEST BOUNDARY
L28	S00°09'07"E	4.00'	SOUTH 35.64' (R5), LOT 11 SEC. 24 WEST BOUNDARY
L29	S88°07'51"W	49.14'	MEANDER
L30	N78°40'32"W	214.95'	MEANDER
L31	S00°07'42"E	11.00'	SOUTH 84.48' (R4), LOT 11 SEC. 24 NORTH BOUNDARY
L32	N00°07'42"W	258.85'	SOUTH 257.40' (R4), LOT 11 SEC. 24 NORTH BOUNDARY
L33	S89°49'27"W	448.62'	EAST 448.80'(R4), LOT 11 NORTH BOUNDARY
L34	N50°40'58"W	461.23'	S50°24'(R3), LOT 11 NORTH BOUNDARY
L35	S00°13'22"E	1144.49'	GOVT LOT 3, EAST SIDE
L36	N78°01'17"W	1059.23'	GOVT LOT 3, GLENN B-3 ROW
L37	N00°00'00"E	922.69'	GOVT LOT 3, WEST SIDE

CENTERLINE ADL 229765 & 225337

P1	N16°10'20"E	980.93'
P2	N16°10'19"E	685.34'
P3	N16°10'21"E	689.39'
P4	S16°10'20"W	357.84'
P5	S73°02'04"E	565.01'
P6	N79°23'55"E	114.43'
P7	S79°23'55"W	1081.94'
P8	N63°25'33"W	426.32'

PREPARED FOR: COPPER VALLEY ELECTRIC ASSOC. PO BOX 45 GLENNALLEN, AK, 99588	ADL 229765 & 225337 SHEET 10 OF 10	
SURVEYOR: PHILLIPS SURVEYING HC60 BOX 146B COPPER CENTER, AK, 99573 907-822-3530	LOCATED WITHIN SECTIONS 19 & 30, T4N, R4W, S SECTION 24, T4N, R5W, CRM. CHITINA RECORDING DISTRICT	
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