# STATE OF ALASKA

## DEPARTMENT OF NATURAL RESOURCES

## Division of Mining, Land and Water

## APPLICATION FOR EASEMENT

## AS 38.05.850

ADL# 234206
(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: ENSTAR Natural Gas Company, LLC Doing Business As: ENSTAR Natural Gas Company, LLC

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

Mailing Address: P.O. Box 190288 Anchorage, AK 99519-0288 Email: [redacted]

City/State/Zip: Anchorge, AK 99519-0288

Primary Phone: ([redacted] Alternate Phone: (____) _____

General Location: Girdwood, AK Municipality: Anchorage

Section(s): 20 Township: 10N Range: 2E Meridian: Seward

Section(s): 19 Township: 10N Range: 2E Meridian: Seward

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

Dimensions requested (Complete line 1 for a lineal easement or line 2 for an easement with an irregular shape):

1. Length: (feet) 4,850 Width: (feet) 20
2. Area: 97,0.00sf Are units in ☒ square feet or ☐ acres? (check one)

Term requested and rationale: Indefinate, the propsed natural gas line will be used to reinforce surrounding gas lines.

Are you applying for a ☐ public or a ☒ private easement? (check one) Rationale:
ENSTAR proposes to install a 4" natural gas main within a 50FT section line easement.

Development plan summary/specific purpose of easement: (e.g., electric utility, fiber-optic cable, road, bridge, airstrip/airport, driveway, trail, drainage). This information will be used to determine the scope of use of the easement.

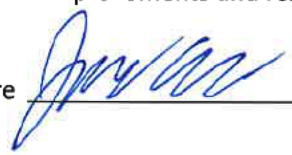
Is this an existing use? ☐ Yes ☒ No. If yes, explain extent and duration of use to date:

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)

ENSTAR will be clearing a 20FT swath of land between Ruane Road and Virgin Creek Road using chain saws or other tools and implements.. The total installation length will be 4,850Ft with 1,650Ft being installed via bore under Glacier Creek and Virgin Creek. An excavator will we used to dig a 2-foot wide 4-foot deep trench. Excavated soils would be temporarily side-cast up slope adjacent to the trench. The line would be placed at the bottom of the trench and the trench then backfilled with the native soils. Upon completion, affected areas would be returned to their original grade and condition; areas would seeded and compacted. Additional on-site mechanical equipment includes a small dozer for backfilling and grading; crew trucks or similar vehicles; and equipment trailers.
A 1,500-foot horizontal directional drill (HDD) would place the line under the Glacier Creek (at least 10 feet below the streambed) and adjacent wetlands; no earthwork work would occur in the stream or wetland. The drilling rig for the HDD would be set up 200 feet from the line of ordinary high water of the river. A 150-foot HDD will also accur under Virgin Creek. The drill rig will be set up 25 feet from ordinary high water mark in this location.

Anticipated construction timeframe: Late July/ early August - Late August/ Early September. Approx. 3-4 weeks

If this authorization is granted, I agree to construct and maintain 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; and provided further that upon termination of the easement for which application is being made, I agree to remove or relocate the improvements and restore the area without cost to the State and to the satisfaction of DMLW.

Applicant's Signature  Date: 5/4/2023

**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 Types:**
- ☐ **13A Pipeline Easement**
- ☐ **13 Other Easement**

# 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.

| James Christopher | ENSTAR Natural Gas Company | | |
|---|---|---|---|
| Applicant's Name | Doing Business As | | |
| 401 E. International Airport Rd. | Anchorage | AK | 99519-0288 |
| Address | City | State | Zip |
| [redacted] ( ) | [redacted] | James Christopher | |
| Message Phone / Work Phone | Email | Contact Person | |

Describe the proposed activity:

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.

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?

N/A

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: 5/4/2023

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**Project Description:**
ENSTAR Natural Gas Company, LLC (ENSTAR) proposes to install approximately 4,850 feet of 4-Inch Natural Gas Distribution Line. 1, 650 feet will be installed via horizontal directional drill. This scope will be completed in accordance with Pipeline and Hazardous Material Safety Administration (PHMSA) requirements. Completion of this scope will allow for safer operation and limit future needs for excavation.

**Access**
Access to all construction areas will be from Ruane Road on the west side of the proposed construction area and Virgin Creek on the east.

**Clearing & Restoration**
Clearing will be required along the proposed alignment from the end of Virgen Creek Road heading West approximately 3,350ft and 20ft wide. Cleared trees will be mulched and spread along the 20ft wide swath. The backfilled trench shall achieve the pre-construction elevation. When backfilling, topsoil shall be placed as the uppermost layer to provide a seed bed for native species. If topsoil and/or organic materials are not available from the project site for rehabilitation, other locally-obtained native materials may be used. Topsoil or organic materials (including seed) other than those that are from the project site or locally-obtained may be used only if those materials were identified in the PCN and approved in the NWP verification. Species to be used for seeding and planting shall follow this order of preference: 1) species native to the site; 2) species native to the area; 3) species native to the state.

**Excavation**
Where the pipeline is installed via trench the depth of cover from the top of the pipe will be 4ft. Portions of pipeline will be installed via horizontal direction drill, these locations will very in depth but will be greater than 4ft.

**SWPPP**
An ADEC SWPPP will be required for the proposed work. All BMP's will be in place to prevent potential sediment runoff into surrounding water bodies. Final stabilization will be completed in the summer of 2024.

***Excavation Dewatering & Discharge***
Trash pumps will be used to pump water into surrounding soil. Dewatering will only be necessary sections of pipe need to be fused in the trench. Most of the pipeline will be fused above ground.

**Stream Crossing**
ENSTAR will be boring under all streams.

**Equipment**
ENSTAR will use the following equipment in order to complete this project:

| Equipment | Gross Wt. (lbs) |
|---|---|
| Cat 308 | 20,077 |
| Cat 305 | 12,688 |
| Two Skid Steers | 12,000 each |

| | |
|---|---|
| One F650/750 Crew Truck | 28,000 |
| Two ¾ or 1-Ton Trucks | 10,000 each |
| Vermeer Drill | 60,000 |
| Mud truck | 35,000 |
| Reclaimer | 45,000 |
| 200 Excavator | 50,000 |
| Vac Truck | 50,000 |

**Refueling**
Refueling will take place from slip tanks in the back of trucks from the road system. Equipment will be walked back to Virgin Creek Road or Ruane Road.

**Equipment Storage**
Tracked equipment will be temporarily stored along the proposed gas line alignment. Duck ponds will be placed under equipment at the end of each shift and wheeled equipment will be demobilized from site daily.

**People/ Contractors on Site**

- There will be 4 ENSTAR employees on site
- Alaska Directional Drilling will be on site for the 100 ft and 1500 ft bores. – 4 employees
- Greatland Tree Service will be on site for the clearing and mulching. – 2 employees
- TC Excavating may be utilized on this project as a ditching and backfill contractor if we need operator support – 1 employee

**Timeline**
This project will begin construction in the end of July/ early August and end construction in late August/ early September, approximately 3-4 weeks.

**Project Area:**

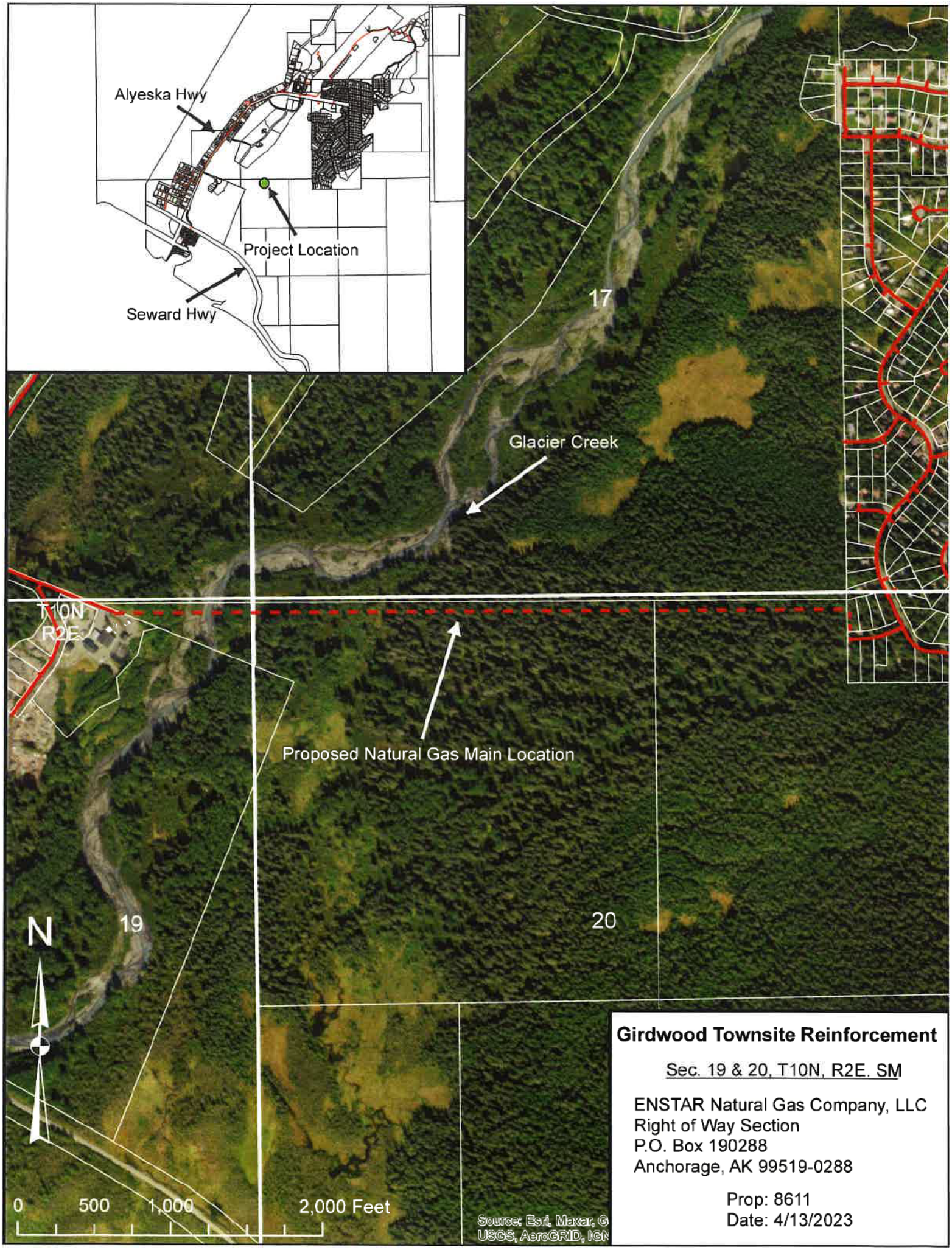
**Pipe Maintenance**
Latitude: 60.94840
Longitude: -149.15281

**Nearest Communities**: Girdwood, Alaska

**Nearest Waterbodies**:
Glacier Creek (247-60-10250)
Virgin Creek (247-60-10248)

**Project Area Legal Description:**
The proposed Natural Gas Distribution Line will take place within Sec. 19 &20, T10N, R2E, S.M.

| | |
|---|---|
| *T10N, R2E, S.M.* | *Sec. 19 & 20* |

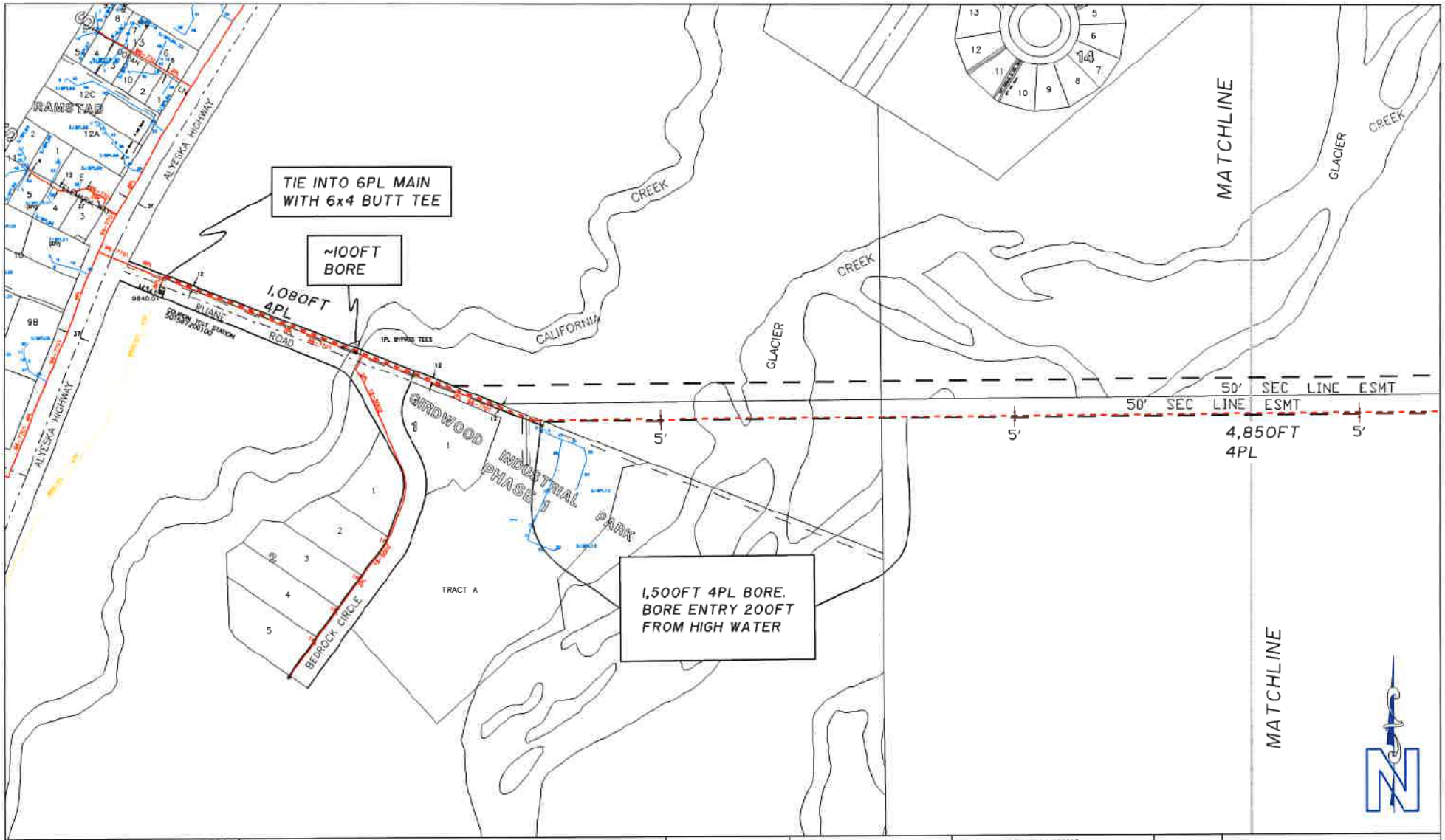



**Girdwood Townsite Reinforcement**

Sec. 19 & 20, T10N, R2E. SM

ENSTAR Natural Gas Company, LLC
Right of Way Section
P.O. Box 190288
Anchorage, AK 99519-0288

Prop: 8611
Date: 4/13/2023




ENSTAR NATURAL GAS COMPANY
ENSTAR
ANCHORAGE, ALASKA

PROPOSED GAS MAINS

# GIRDWOOD TOWNSITE REINFORCEMENT

SHEET 1 OF 2

SCALE 1"=240'

0 60 120 240

ER #:

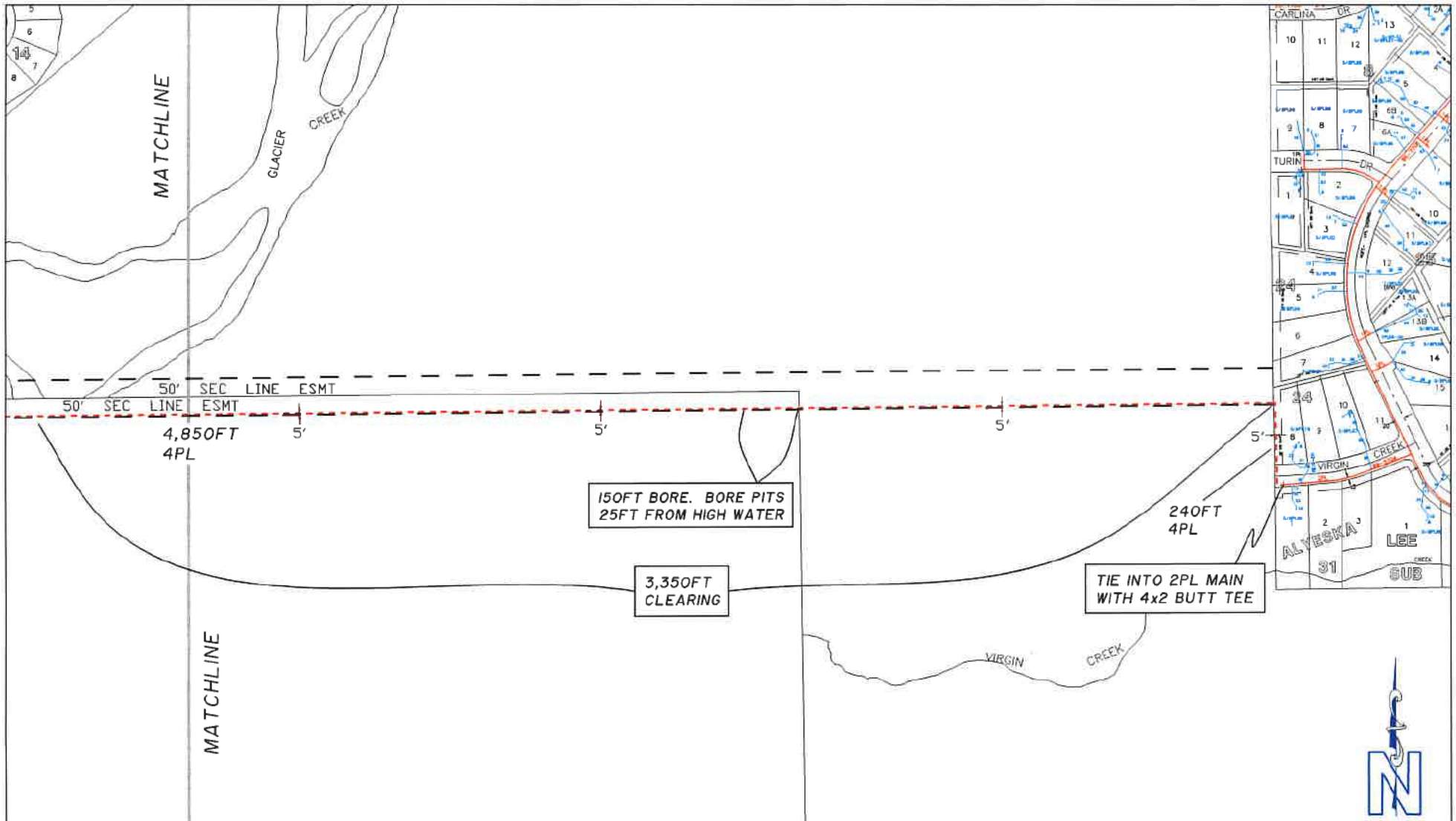
PROP #: 8611

GRID(S): SE 5013-5015

**DESIGN SPECIFICATIONS:**

A. PIPE DIAMETER: 2"
B. WALL THICKNESS OR SDR: SDR11
C. MATERIAL GRADE: PE 3408/4710
D. COATING TYPE: N/A
E. MAOP: 60 PSIG

| | BY | DATE | CHKD |
|---|---|---|---|
| REVISION | JA | 3-27-23 | LP |
| ORIGINAL | JA | 2-24-23 | LP |




| | | | | | | | |
|---|---|---|---|---|---|---|---|
| ENSTAR NATURAL GAS COMPANY<br>ENSTAR<br>ANCHORAGE, ALASKA | PROPOSED GAS MAINS<br>GIRDWOOD TOWNSITE REINFORCEMENT<br>SHEET 2 OF 2 | SCALE 1"=240'<br>0 60 120 240 | ER #:<br>PROP #: 8611<br>GRID(S): SE 5013-5015 | DESIGN SPECIFICATIONS:<br>A. PIPE DIAMETER: 2"<br>B. WALL THICKNESS OR SDR: SDR11<br>C. MATERIAL GRADE: PE 3408/4710<br>D. COATING TYPE: N/A<br>E. MAOP: 60 PSIG | | BY | DATE | CHKD |
| | | | | | REVISION | JA | 3-27-23 | LP |
| | | | | | ORIGINAL | JA | 2-24-23 | LP |