

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

☐ Northern Region  
3700 Airport Way  
Fairbanks, AK 99709  
(907) 451-2740

☐ Southcentral Region  
550 W 7th Ave., Suite 900C  
Anchorage, AK 99501-3577  
(907) 269-8552

☒ Southeast Region  
400 Willoughby  
P.O. Box 111020  
Juneau, AK 99811-1020  
(907) 465-3400

**APPLICATION FOR EASEMENT  
AS 38.05.850**

Non-refundable application fee: \$100\*

ADL # 108985  
(to be filled in by state)

Applicant's Name Alan Steffert, Project Manager Doing business as: City and Borough of Juneau

Mailing Address 155 S Franklin St. E-Mail: alan.steffert@juneau.org

City/State/Zip Juneau, AK. 99801

Message Phone ( ) \_\_\_\_\_ Work Phone (907) 586-0481

Is applicant a nonprofit cooperative association? ☐ yes ☒ no. If yes, are you applying for an exemption under **AS 38.05.850(b)**? [ ] yes [ ] no. If yes, please submit proof of nonprofit status (e.g. by-laws, articles of incorporation, tax statement).

Location of activity/Legal Description: Municipality Juneau, Meridian Copper River  
Township 40S, Range 65E, Section 36, B2SW 1/4, \_\_\_\_\_ 1/4  
Township \_\_\_\_\_, Range \_\_\_\_\_, Section \_\_\_\_\_, \_\_\_\_\_ 1/4, \_\_\_\_\_ 1/4

(attach extra sheets as needed)

Total length of applied-for easement (feet): 618 Total width of applied-for easement (feet): 30  
Acres encompassed by easement: 0.42 (43,560 square feet = 1 acre)

Specific purpose of easement (e.g. electric utility, fiber-optic conduit or cable, telecommunications tower, road, bridge, airstrip/airport, driveway, trail, drainage), and type of anticipated traffic (e.g. plane, truck, heavy equipment): Explain \_\_\_\_\_  
Installation of an HDPE wastewater forcemain beneath the mendenhall river. To be installaed via horizontal directional drilling.

Are you applying for the Division of Mining, Land and Water to reserve a Public Easement? Yes ☒ No ☐. Are you applying to be granted a Private Easement? Yes ☐ No ☐. (Note: Annual rental fee required for private easement)

\*See 11 AAC 05.010 regarding fees for federal, state, and local government agencies

Date Stamp:

State briefly the standards and methods of construction: e.g. regulated standards, winter trail, dirt trail, gravel road, paved road, etc.; clearing by hand, clearing/construction by mechanical equipment (state type of equipment to be used, e.g. J.D. 350, 944 F.E. loader, hydro-axe, D-8), or establishment by use only. \_\_\_\_\_

Pipe will be installed via horizontal directional drilling and open cut trench methods. Drill equipment, excavators, and compaction equipment will be utilized. A shot rock access ramp will be installed on the far east side of the easement for future maintenance purposes, minor clearing of trees and vegetation will be required in this area. See sheet 5 of 9 on the attached Development Plan Drawings

Is this an existing use? Yes ☒ No ☐ If yes, provide documentation verifying existing use, such as easement atlas, affidavits attesting to use and existence, pictures, etc.

Construction to begin: July, 2018

Construction to be completed by: December, 2018

Other permits or authorizations applied for in conjunction with this proposed project: \_\_\_\_\_

USACE Nationwide Permit, ADEC Wastewater Approval to Construct

If this authorization is granted, I agree to construct and maintain the improvements authorized in a workmanlike 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 the Director of the Division of Mining, Land and Water.



Applicant's Signature

5-4-18

Date

**INSTRUCTIONS:** Attach a USGS map (scale of 1:63,360) or a state status plat showing the location of the proposed easement, and an environmental risk assessment questionnaire (form 102-4008A).

The final granting of a private easement or reservation of a public easement will be contingent upon our receipt of a plat depicting the post-construction location of the improvements. If your application is approved, instructions for the completion of the plat will be provided to you, or can be picked up at any of our offices.

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.

**STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES  
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☐ **Contract Administration**  
550 W 7th Ave., Suite 640  
Anchorage, AK 99501-3576  
(907) 269-8594

☐ **Northern Region**  
3700 Airport Way  
Fairbanks, AK 99709  
(907) 451-2740

☐ **Southcentral Region**  
550 W 7th Ave., Suite 900C  
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☐ **Southeast Region**  
400 Willoughby,  
Suite #400  
P.O. Box 111020  
Juneau, AK 99801  
(907) 465-3400

**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.

Alan Steffert, P.E.

City and Borough of Juneau

Applicant's Name

Doing Business As

155 S. Seward St

Juneau

AK

99801

Address

City

State

Zip

( ) ( 907 ) 586-0481 alan.steffert@juneau.org

Message Phone

Work Phone

E-Mail

Contact Person

Describe the proposed activity:

Installation of a domestic wastewater force main below the Mendenhall river. Pipe shall be installed via horizontal directional drill and open cut trench methods.

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.

Construction equipment will be utilized for installation including drill equipment, excavators, pump trucks and loaders. Fuel and other operation fluids will be present. To prevent spills or leakage of hazardous material during construction, standard spill-prevention measures including on-site spill kits will be implemented. Additionally, the Contractor will be required to maintain clean up and containment kits and equipment at both ends of the site for addressing inadvertent returns of drilling fluids during horizontal directional drilling. Care will be taken to prevent any petroleum products or other toxic or deleterious materials from spilling. Fuel hoses, oil or fuel transfer valves and fittings, etc., will be checked regularly for drips or leaks. Other than those integral to construction equipment, no fuel or other hazardous material tanks will be on site.

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: N/A

Do you know or have any reason to suspect that the site may have been previously contaminated? Yes ☐ No ☒.

If yes, please explain: \_\_\_\_\_

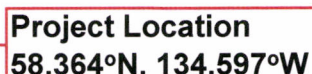
I certify that due diligence has been exercised and proper inquiries made in completing this questionnaire, and that the foregoing is true and correct to the best of my knowledge.

Alan S. H. H.  
Applicant

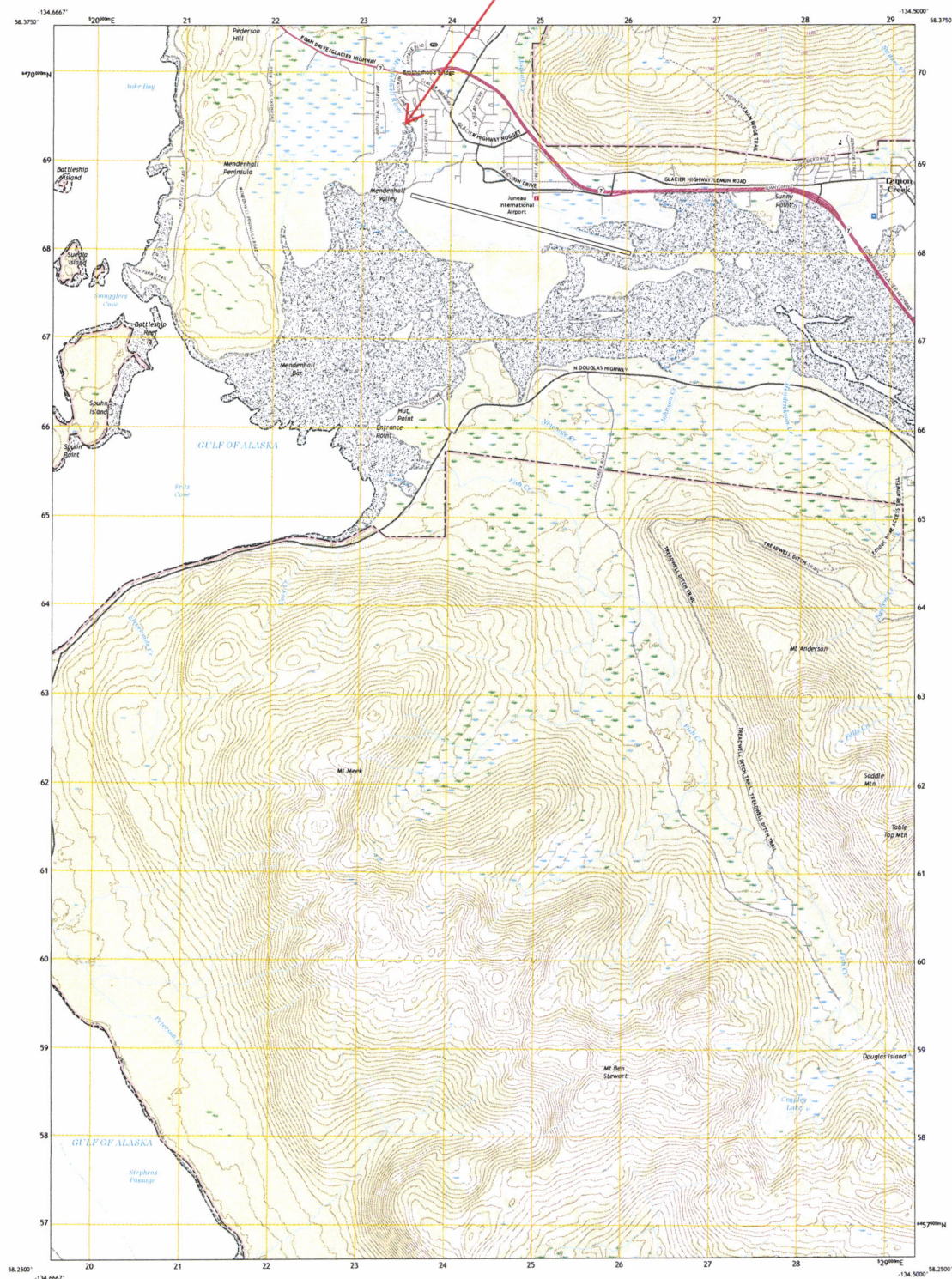
5-4-18  
Date

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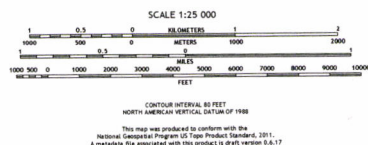
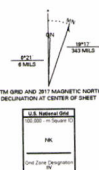


JUNEAU B-2 SW QUADRANGLE  
ALASKA - JUNEAU CITY AND BOROUGH  
7.5-MINUTE SERIES



Produced by the United States Geological Survey  
North American Datum of 1983 (NAD83)  
World Geodetic System of 1984 (WGS84). Projection and  
1:500-meter grid: Universal Transverse Mercator, Zone 8V  
This map is not a legal document. Boundaries may be  
generalized for this map scale. Private lands within government  
reservations may not be shown. Obtain permission before  
entering private lands.










|                                      |                                     |                        |
|--------------------------------------|-------------------------------------|------------------------|
| Imagery                              | Alaska                              | SPOT, C September 2010 |
| Roads                                | Dept. of Transportation,            |                        |
| Roads within US Forest Service Lands | FS/Topo                             | Date                   |
|                                      | with limited Forest Service updates | 2017                   |
| Names                                | GNIS, 1985                          | 2017                   |
| Hydrography                          | National Elevation Dataset, 2005    | 2017                   |
| Boundaries                           | Multiple sources: see metadata file | 2017                   |
| Public Land Survey System            | BLM, 2008                           | 2017                   |
| Wetlands                             | FWS National Wetlands Inventory     | 1979                   |



|   |   |   |
|---|---|---|
| 1 | 2 | 3 |
| 4 |   | 5 |
| 6 | 7 | 8 |

1. Juneau B-3 H  
2. Juneau B-2 H  
3. Juneau B-2 H  
4. Juneau B-3 S  
5. Juneau B-2 S  
6. Juneau A-3 H  
7. Juneau A-2 H  
8. Juneau A-2 H

**ROAD CLASSIFICATION**

|  |  |   |   |
|--|--|---|---|
| Expressway   |                     | Local Connector   |  |
| Secondary Hwy  |                     | Local Road  |  |
| Ramp   |                     | 4WD   |  |
|  Interstate Route |  US Route           |  State Route             |   |
|  FS Primary Route |  FS Passenger Route |  FS High Clearance Route |   |

Check with local Forest Service unit

JUNEAU B-2 SW, AK  
2017





Alaska Mapper

Spherical Mercator WGS 84 - EPSG:3857

Date Created: 5/2/2018

PLSS Section Grid

Agreement, Settlement, Reconveyance

Agmt. Sttlmt. Rcnyvnce

Agmt. Sttlmt. Rcnyvnce

Agmt. Sttlmt. Rcnyvnce

Federal Actions

Federal Actions

Federal Actions

Land Disposal - Conveyed

Land Disposal Conveyed

Land Disposal Conveyed

Land Disposal Conveyed

Management Agreement

Management Agreement

Management Agreement

Mental Health Trust Land

Municipal Entitlement

Municipal Tideland

Native Allotment

Other State Acquired Land - All

Other Acquired Land

Other Acquired Land

RS2477 Trails

ANILCA Top Filed - All

ANILCA Topfiled

ANILCA Topfiled

State Selected Land - ALL

State Selected

State Selected

State Tentatively Approved or Patented - All

State Tentative Approval or Patent

State Tentative Approval or Patent

Borough Boundary

Recording Districts

Survey Boundary

Survey Boundary

Survey Boundary

Survey Boundary

PLSS Township Grid

GRAPHIC ILLUSTRATION ONLY

Source documents remain the official record. Please refer to the Land Administration System (LAS) caselle for more detailed information on specific cases.

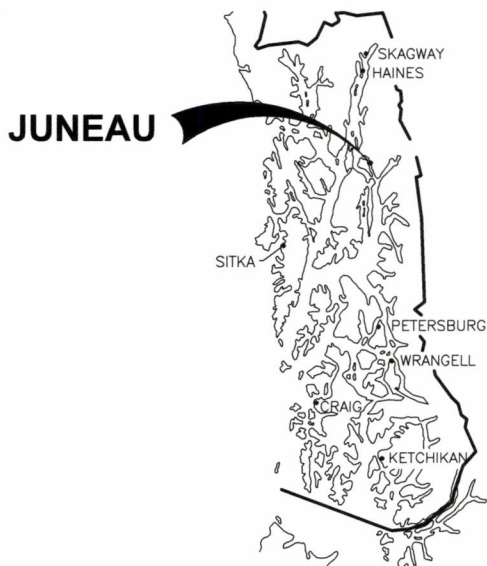
The State of Alaska makes no expressed or implied warranties (including warranties of merchantability and fitness) with respect to the character, function, or capabilities of this product or its appropriateness for any user's purposes. In no event will the State of Alaska be liable for any incidental, indirect, special, consequential or other damages suffered by the user or any other person or entity whether from use of the product, any failure thereof or otherwise, and in no event will the State of Alaska's liability to you or anyone else exceed the fee paid for the product.





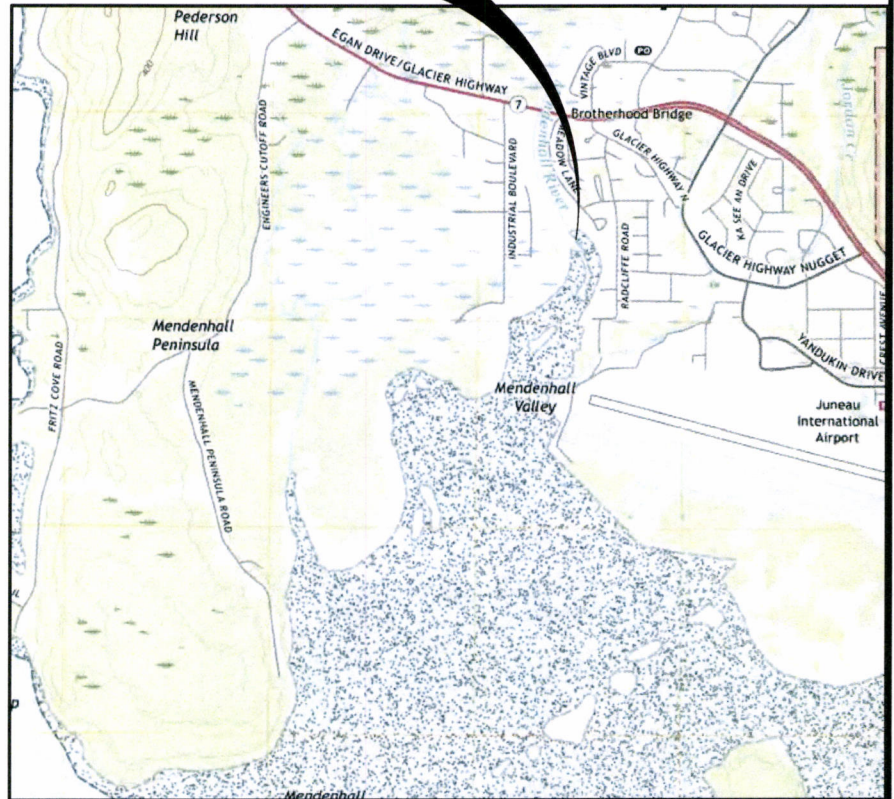
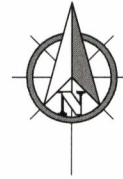


**LOCATION  
MAP**



**SOUTHEAST  
ALASKA**

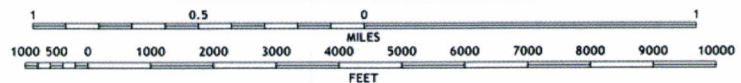
**PROJECT  
LOCATION**



U.S. DEPARTMENT OF THE INTERIOR  
U.S. GEOLOGICAL SURVEY

JUNEAU B-2 SW QUADRANGLE  
ALASKA - JUNEAU CITY AND BOROUGH  
7.5-MINUTE SERIES

**VICINITY MAP**



**PURPOSE:**

REPLACE AND RELOCATE THE CITY AND BOROUGH OF JUNEAU PUBLIC WORKS SEWER FORCE MAIN THAT WAS DAMAGED IN 2017 FROM A STORM EVENT.

**DATUM:**

MLLW = 0.0' FT

HTL = 20.6'  
MHW = 15.3'  
MLLW = 0.0'

**VICINITY MAPS**

PND#: 172116

Date Prepared:  
5/3/2018

Applicant's Name:  
CITY AND BOROUGH OF JUNEAU

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

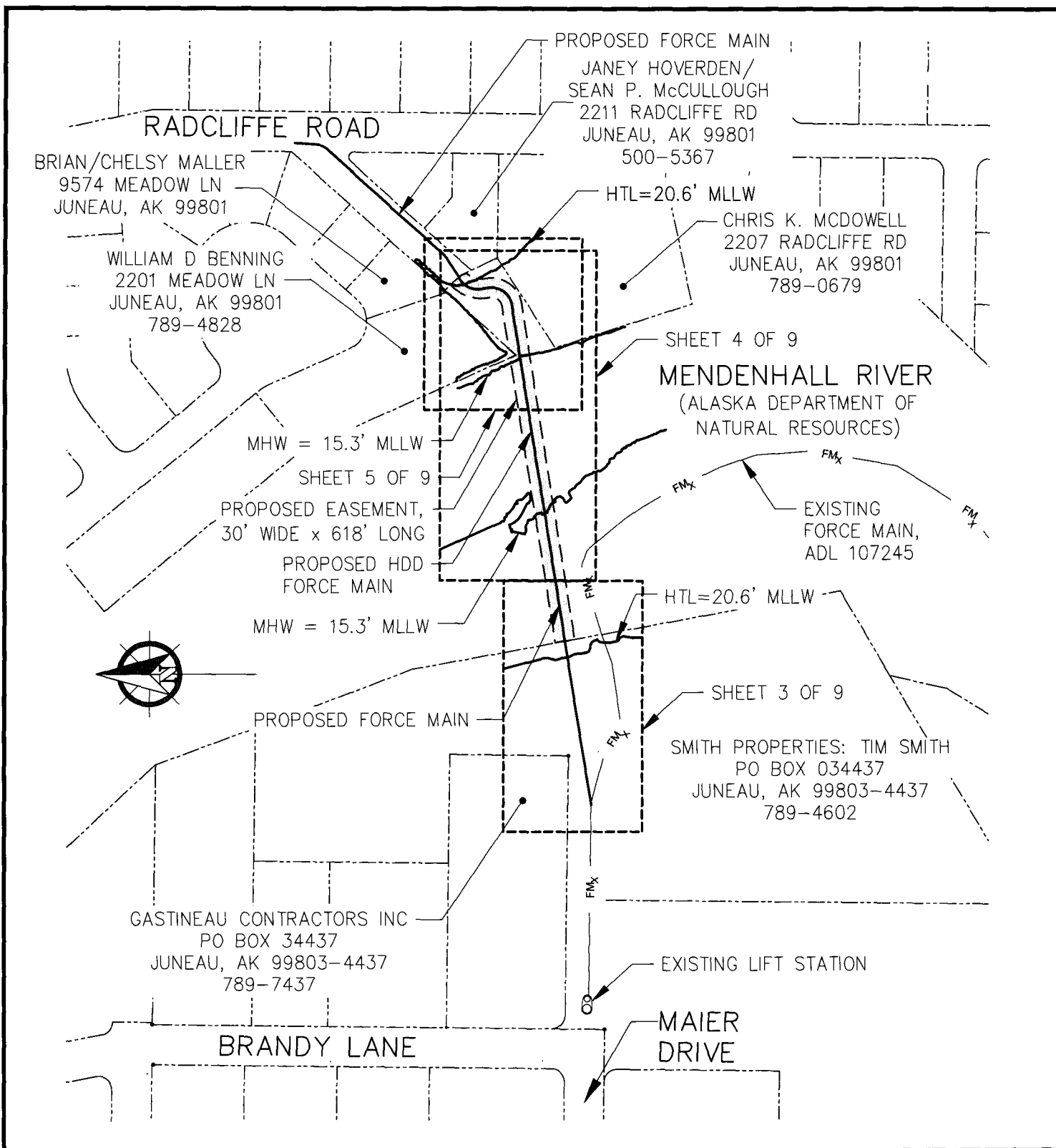
**MAIER DRIVE FORCE MAIN REPLACEMENT**

Sec.(s): 36 Township: 40S Range: 65E Meridian: CRM

SCALE: AS SHOWN

SHEET 1 OF 9

File #



# **PURPOSE:**

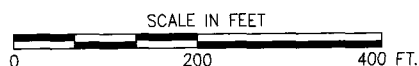
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PND#: 172116

## **OVERALL SITE MAP**



Date Prepared:  
5/3/2018

Applicant's Name:  
CITY AND BOROUGH OF JUNEAU

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

### **MAIER DRIVE FORCE MAIN REPLACEMENT**

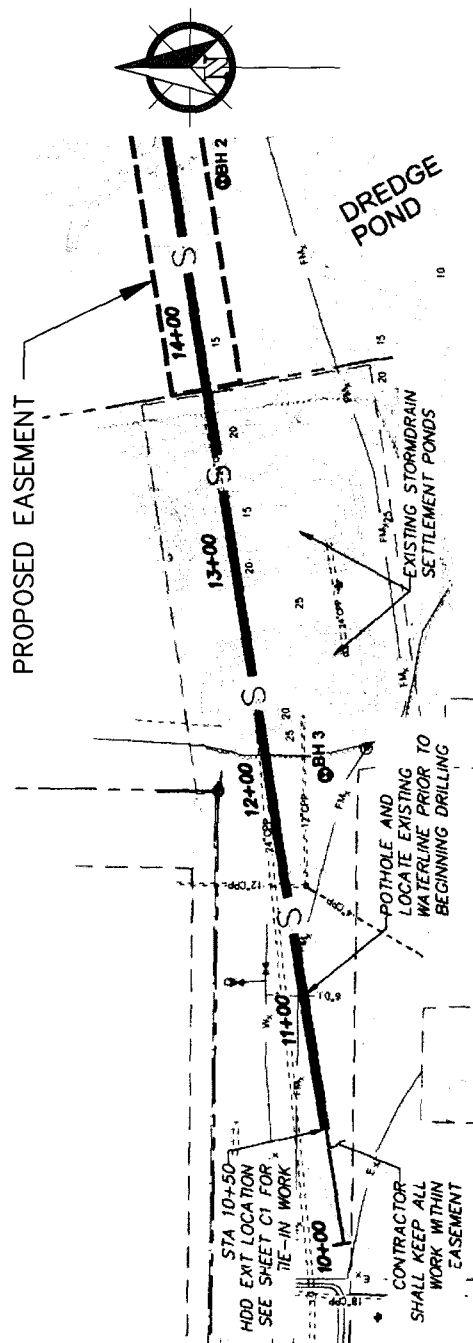
Sec.(s): 36 Township: 40S Range: 65E Meridian: CRM

SCALE: 1"= 200'

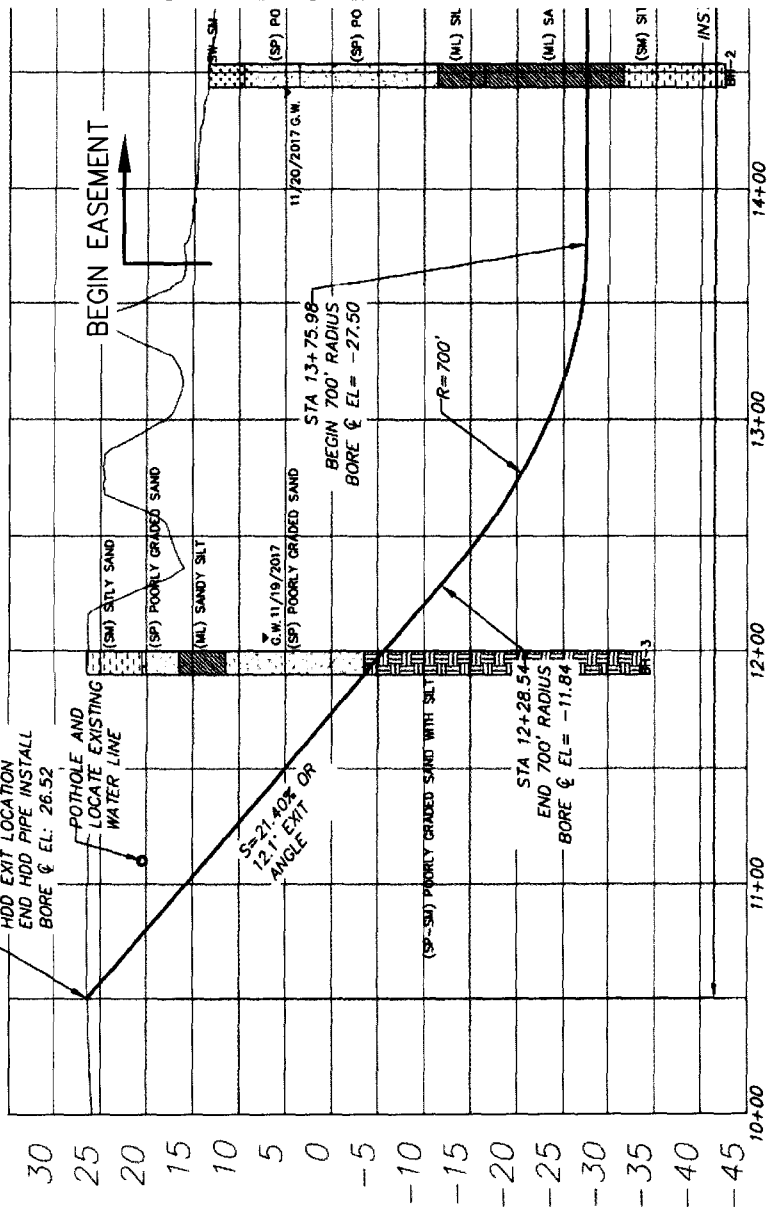
SHEET 2 OF 9

File #





CONTINUED NEXT SHEET



# PURPOSE:

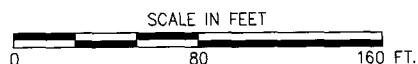
REPLACE AND RELOCATE THE CITY AND BOROUGH OF JUNEAU PUBLIC WORKS SEWER FORCE MAIN THAT WAS DAMAGED IN 2017 FROM A STORM EVENT.

## DATUM:

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HTL = 20.6'  
MHW = 15.3'  
MLLW = 0.0'

## DRILLING PLAN



PND#: 172116

Date Prepared:  
5/3/2018

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STATE OF ALASKA  
DEPARTMENT OF NATURAL RESOURCES  
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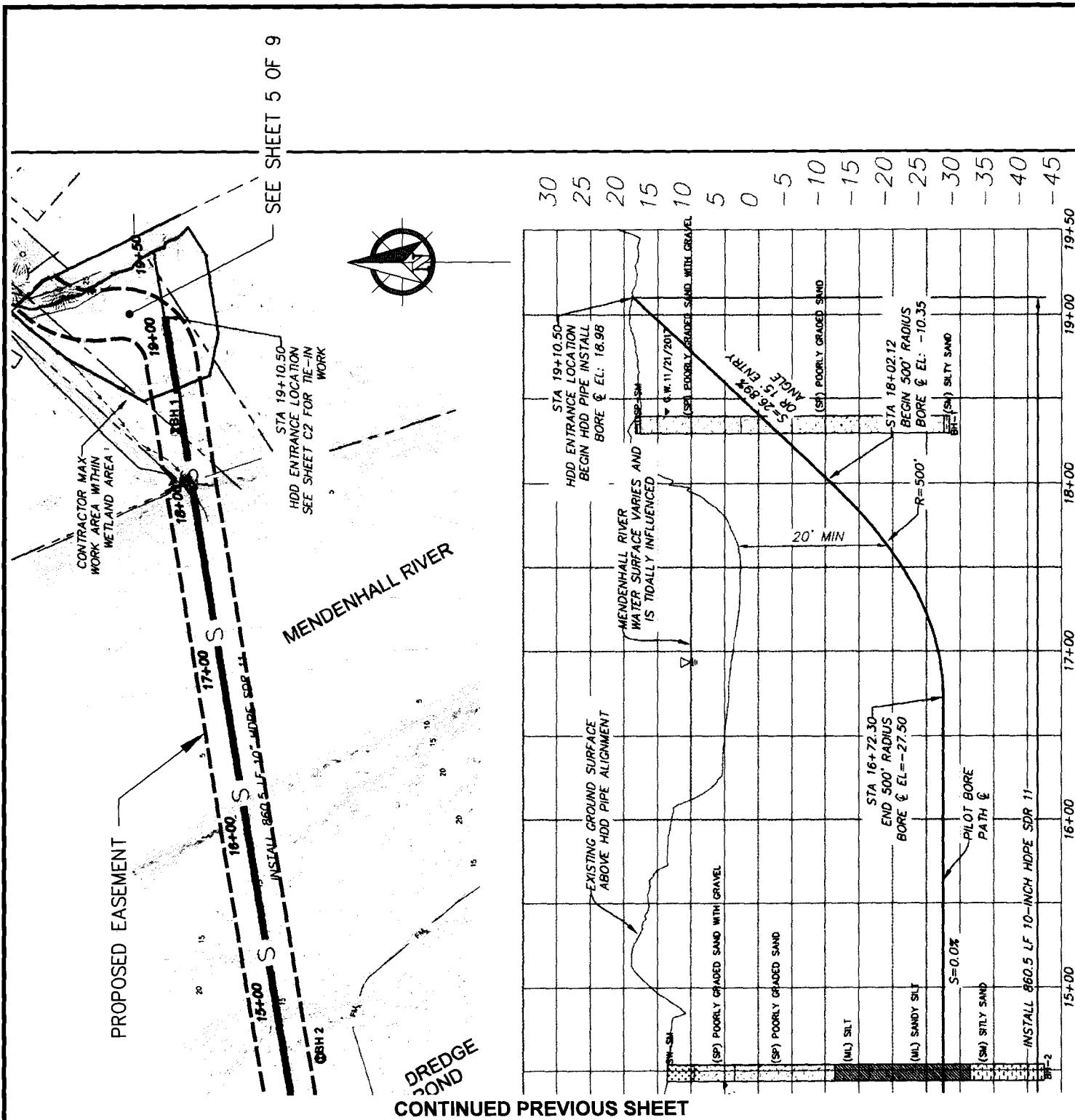
MAIER DRIVE FORCE MAIN REPLACEMENT

Sec.(s): 36 Township: 40S Range: 65E Meridian: CRM

SCALE: 1" = 80'

SHEET 3 OF 9

File #



## PURPOSE:

REPLACE AND RELOCATE THE CITY AND BOROUGH OF JUNEAU PUBLIC WORKS SEWER FORCE MAIN THAT WAS DAMAGED IN 2017 FROM A STORM EVENT.

## DATUM:

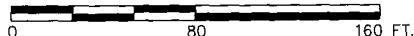
MLLW = 0.0' FT

HTL = 20.6'  
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PND#: 172116

## DRILLING PLAN

SCALE IN FEET



Date Prepared:  
5/3/2018

Applicant's Name:  
CITY AND BOROUGH OF JUNEAU

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

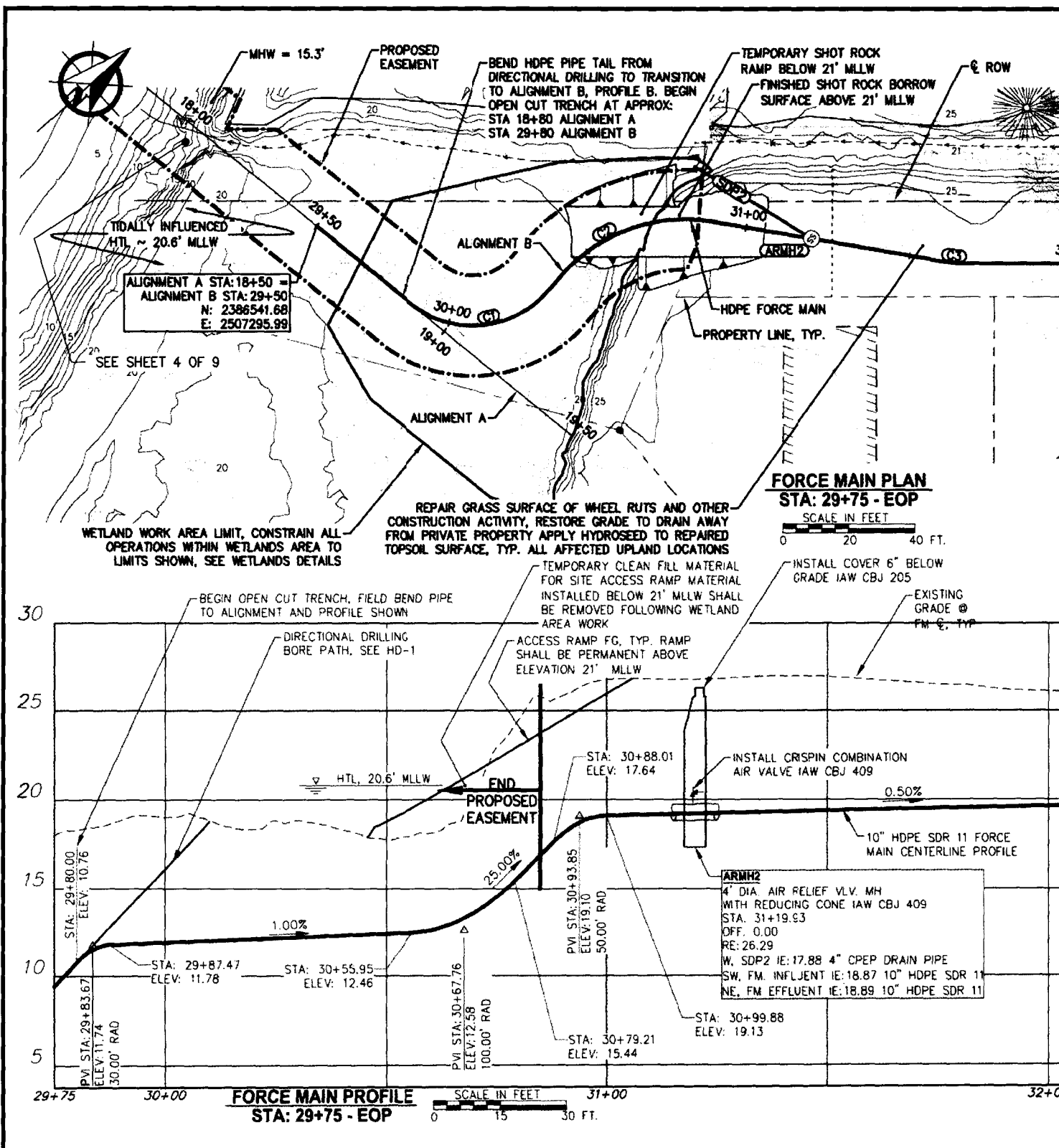
## MAIER DRIVE FORCE MAIN REPLACEMENT

Sec.(s): 36 Township: 40S Range: 65E Meridian: CRM

SCALE: 1" = 80'

SHEET 4 OF 9

File #



### PURPOSE:

REPLACE AND RELOCATE THE CITY AND BOROUGH OF JUNEAU PUBLIC WORKS SEWER FORCE MAIN THAT WAS DAMAGED IN 2017 FROM A STORM EVENT.

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PND#: 172116

### FORCE MAIN PLAN AND PROFILE

Date Prepared:  
5/3/2018

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DIVISION OF MINING, LAND AND WATER

### MAIER DRIVE FORCE MAIN REPLACEMENT

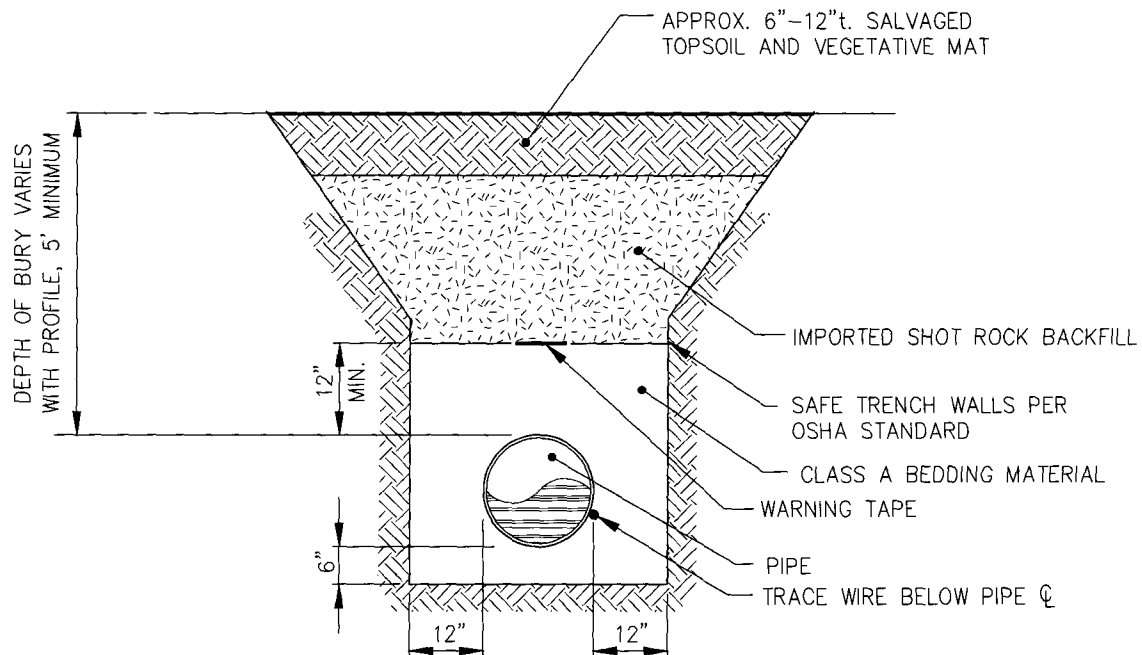
Sec.(s): 36 Township: 40S Range: 65E Meridian: CRM

SCALE: AS SHOWN

SHEET 5 OF 9

File #





### WETLANDS AREA TRENCH DETAIL

#### NOTES:

1. WETLAND AREA INCLUDES ALL AREAS BELOW 20.6' MLLW.
2. VEGETATIVE MAT AND TOPSOIL STRATUM SHOWN APPROXIMATE, DEPTH WILL VARY.
3. WETLAND AREA SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITION, ELEVATION AND DRAINAGE PATTERNS SUBSEQUENT TO THE WORK.
4. THE ENTIRETY OF THE TOPSOIL AND VEGETATIVE MAT STRATUM SHALL BE SALVAGED, STOCKPILED AND REINSTALLED OVER TRENCH. CONTRACTOR SHALL MAKE REASONABLE EFFORTS TO SALVAGE AND REINSTALL EXISTING VEGETATIVE MATERIAL MAT AND TOPSOIL STRATUM INTACT.
6. OPERATIONS THAT RESULT IN DAMAGE TO VEGETATION SHALL BE SEEDED WITH NATIVE GRASS SPECIES.

#### PURPOSE:

REPLACE AND RELOCATE THE CITY AND BOROUGH OF JUNEAU PUBLIC WORKS SEWER FORCE MAIN THAT WAS DAMAGED IN 2017 FROM A STORM EVENT.

#### DATUM:

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PND#: 172116

#### TRENCH DETAIL

Date Prepared:  
5/3/2018

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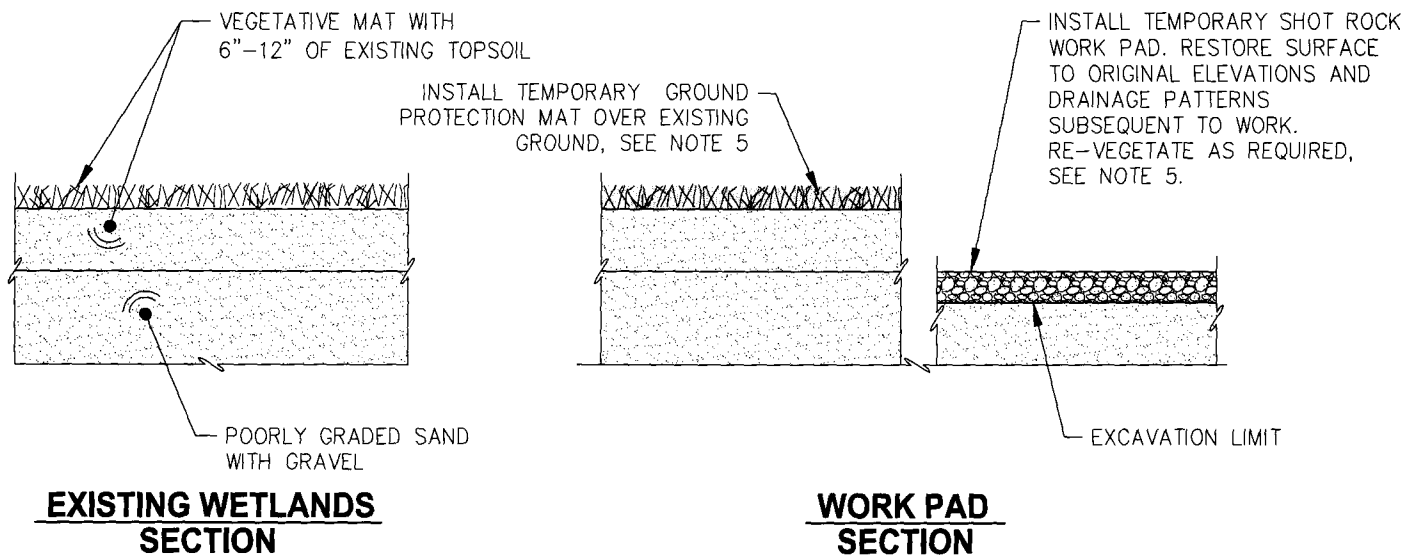
#### MAIER DRIVE FORCE MAIN REPLACEMENT

Sec.(s): 36 Township: 40S Range: 65E Meridian: CRM

SCALE: NTS

SHEET 6 OF 9

File #



**NOTE:**

1. WETLAND AREA INCLUDES ALL AREAS BELOW 20.6' MLLW.
2. CONTRACTOR SHALL CONSTRAIN ALL OPERATIONS TO THE LIMITS SHOWN ON THE SITE PLAN.
3. VEGETATIVE MAT AND TOPSOIL STRATUM SHOWN APPROXIMATE, DEPTH WILL VARY.
4. WETLAND AREA SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITION, ELEVATION AND DRAINAGE PATTERNS SUBSEQUENT TO THE WORK.
5. CONTRACTOR SHALL TAKE CARE TO AVOID OR MINIMIZE IMPACTS TO VEGETATION AND DRAINAGE PATTERNS WITHIN THE WETLANDS. CONTRACTOR SHALL SUBMIT A WORK PLAN FOR ENGINEER REVIEW WHICH DETAILS CONSTRUCTION MEANS AND METHODS TO BE EMPLOYED IN ORDER TO MINIMIZE OR AVOID IMPACTS TO THE WETLAND AREA. TEMPORARY WORK PADS SHALL BE PERMITTED IN ACCORDANCE WITH THE DETAILS PROVIDED HEREIN AS FOLLOWS:
  - 5.1. INSTALL TEMPORARY GROUND PROTECTION MATS, AND/OR;
  - 5.2. INSTALL SHOT ROCK WORK PAD CONSTRUCTED OF CLEAN GRANULAR 8" MINUS FREE DRAINING MATERIAL AS FOLLOWS.
    - 5.2.1 REMOVE TOPSOIL WITH VEGETATIVE MAT STRATUM IN ITS ENTIRETY, SALVAGE AND STOCKPILE NEARBY. PLACE STOCKPILE ON GEOTEXTILE LINER AND PROTECT FROM EROSION.
    - 5.2.2 EXCAVATE SAND AND GRAVEL BELOW TOPSOIL AS REQUIRED TO INSTALL SHOT ROCK WORK PAD. DISPOSE OF EXCAVATED MATERIAL.
    - 5.2.3 INSTALL 12"t. MAX. SHOT ROCK WORK PAD AS REQUIRED TO FACILITATE THE WORK AND COMPACT.
    - 5.2.4 SUBSEQUENT TO INSTALLATION OF PIPE, REINSTALL TOPSOIL WITH VEGETATIVE MAT TO ORIGINAL ELEVATIONS, GRADES AND DRAINAGE PATTERNS. THE CONTRACTOR SHALL MAKE REASONABLE EFFORTS TO INSTALL THE VEGETATIVE MAT INTACT.
6. ALL TEMPORARY GROUND PROTECTION MATS SHALL BE REMOVED IN THEIR ENTIRETY FOLLOWING THE WORK.
7. CONTRACTOR'S OPERATIONS THAT RESULT IN DAMAGE TO VEGETATION SHALL BE SEEDED WITH NATIVE GRASS SPECIES.

**PURPOSE:**

REPLACE AND RELOCATE THE CITY AND BOROUGH OF JUNEAU PUBLIC WORKS SEWER FORCE MAIN THAT WAS DAMAGED IN 2017 FROM A STORM EVENT.

**DATUM:**  
MLLW = 0.0' FT

HTL = 20.6'  
MHW = 15.3'  
MLLW = 0.0'

PND#: 172116

**TEMPORARY WORK PAD**

Date Prepared:  
5/3/2018

Applicant's Name:  
CITY AND BOROUGH OF JUNEAU

STATE OF ALASKA  
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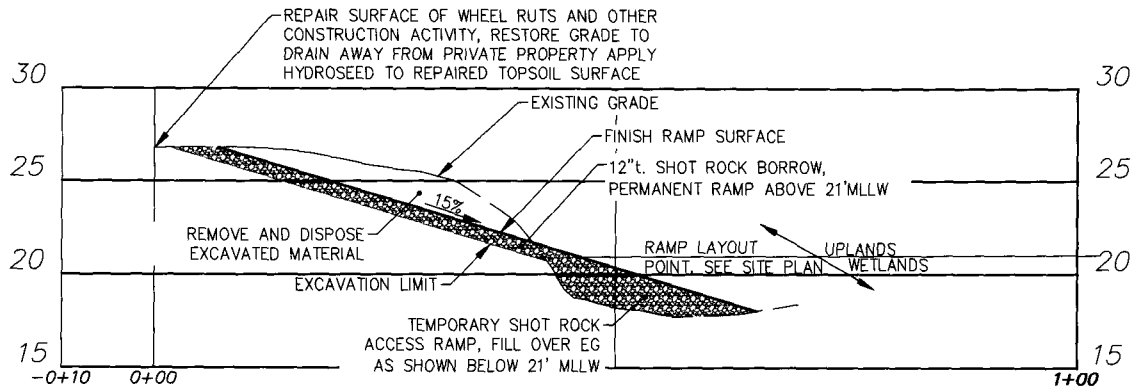
**MAIER DRIVE FORCE MAIN REPLACEMENT**

Sec.(s): 36 Township: 40S Range: 65E Meridian: CRM

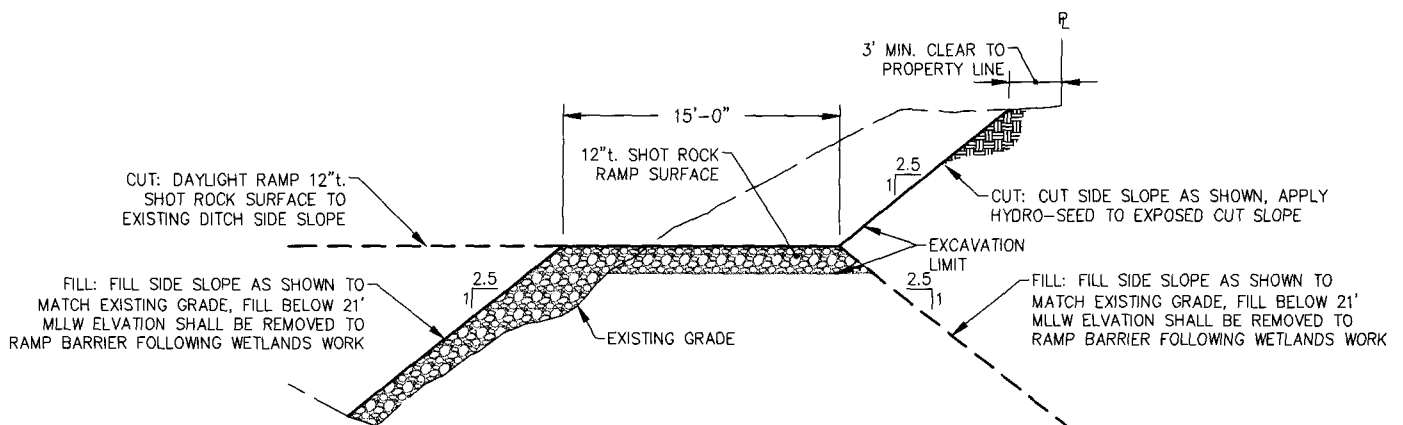
SCALE: NTS

SHEET 7 OF 9

File #



**ACCESS RAMP  
PROFILE**



**ACCESS RAMP  
TYPICAL SECTION**

**PURPOSE:**

REPLACE AND RELOCATE THE CITY AND BOROUGH OF JUNEAU PUBLIC WORKS SEWER FORCE MAIN THAT WAS DAMAGED IN 2017 FROM A STORM EVENT.

**ACCESS RAMP**

**DATUM:**  
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MLLW = 0.0'

PND#: 172116

Date Prepared:  
5/3/2018

Applicant's Name:  
CITY AND BOROUGH OF JUNEAU

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

**MAIER DRIVE FORCE MAIN REPLACEMENT**

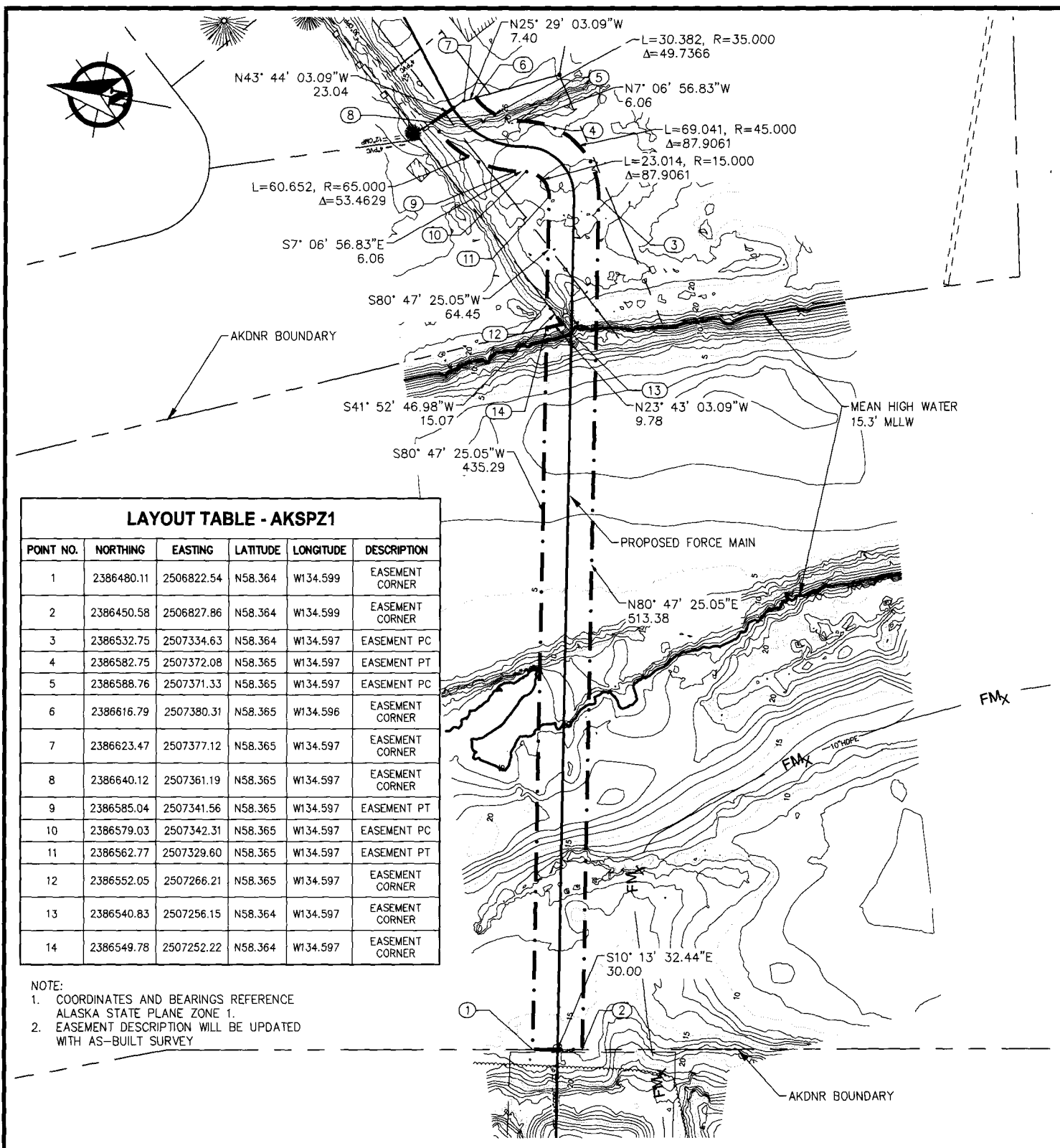
Sec.(s): 36 Township: 40S Range: 65E Meridian: CRM

SCALE: NTS

SHEET 8 OF 9

File #





**LAYOUT TABLE - AKSPZ1**

| POINT NO. | NORTHING   | EASTING    | LATITUDE | LONGITUDE | DESCRIPTION     |
|-----------|------------|------------|----------|-----------|-----------------|
| 1         | 2386480.11 | 2506822.54 | N58.364  | W134.599  | EASEMENT CORNER |
| 2         | 2386450.58 | 2506827.86 | N58.364  | W134.599  | EASEMENT CORNER |
| 3         | 2386532.75 | 2507334.63 | N58.364  | W134.597  | EASEMENT PC     |
| 4         | 2386582.75 | 2507372.08 | N58.365  | W134.597  | EASEMENT PT     |
| 5         | 2386588.76 | 2507371.33 | N58.365  | W134.597  | EASEMENT PC     |
| 6         | 2386616.79 | 2507380.31 | N58.365  | W134.596  | EASEMENT CORNER |
| 7         | 2386623.47 | 2507377.12 | N58.365  | W134.597  | EASEMENT CORNER |
| 8         | 2386640.12 | 2507361.19 | N58.365  | W134.597  | EASEMENT CORNER |
| 9         | 2386585.04 | 2507341.56 | N58.365  | W134.597  | EASEMENT PT     |
| 10        | 2386579.03 | 2507342.31 | N58.365  | W134.597  | EASEMENT PC     |
| 11        | 2386562.77 | 2507329.60 | N58.365  | W134.597  | EASEMENT PT     |
| 12        | 2386552.05 | 2507266.21 | N58.365  | W134.597  | EASEMENT CORNER |
| 13        | 2386540.83 | 2507256.15 | N58.364  | W134.597  | EASEMENT CORNER |
| 14        | 2386549.78 | 2507252.22 | N58.364  | W134.597  | EASEMENT CORNER |

**NOTE:**

- COORDINATES AND BEARINGS REFERENCE ALASKA STATE PLANE ZONE 1.
- EASEMENT DESCRIPTION WILL BE UPDATED WITH AS-BUILT SURVEY

**PURPOSE:**

REPLACE AND RELOCATE THE CITY AND BOROUGH OF JUNEAU PUBLIC WORKS SEWER FORCE MAIN THAT WAS DAMAGED IN 2017 FROM A STORM EVENT.

**DATUM:**

MLLW = 0.0' FT

HTL = 20.6'

MHW = 15.3'

MLLW = 0.0'

**EASEMENT DESCRIPTION**

PND#: 172116

Date Prepared:  
5/3/2018

Applicant's Name:  
CITY AND BOROUGH OF JUNEAU

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

**MAIER DRIVE FORCE MAIN REPLACEMENT**

Sec.(s): 36 Township: 40S Range: 65E Meridian: CRM

SCALE: 1"=80'

SHEET 9 OF 9

File #