



PUBLIC NOTICE

Alaska Department of Environmental Conservation (DEC)
Wastewater Discharge Authorization Program/§401 Certification
555 Cordova Street, Anchorage AK9501-2617
Phone: 907-269-6285 | Email: DEC-401Cert@alaska.gov

Notice of Application for State Water Quality Certification

Public Notice (PN) Date: November 1, 2023

PN Reference Number: POA-2023-00027 v2.0

PN Expiration Date: December 3, 2023

Waterway: Ublutuooh River

Any applicant for a federal license or permit to conduct an activity that might result in a discharge into navigable waters, in accordance with Section 401 of the Clean Water Act (CWA) of 1977 (PL95-217), also must apply for and obtain certification from the Alaska Department of Environmental Conservation that the discharge will comply with the CWA, the Alaska Water Quality Standards, and other applicable State laws.

Notice is hereby given that a request for a CWA §401 Water Quality Certification of a Department of the Army Permit application, Corps of Engineers' PN Reference Number indicated above has been received for the discharge of dredged and/or fill materials into waters of the United States (WOUS), including wetlands, as described below, and shown on the project figures/drawings. The public notice and related project figures/drawings are accessible from the DEC website at <https://dec.alaska.gov/water/wastewater/>.

To comment on the project or request for a public hearing with respect to water quality, submit comments electronically via the DEC public notice site at <https://water.alaskadec.commentinput.com?id=rDjdAKihu> on or before the public notice expiration date listed above.

Applicant: Kuukpik Corporation, Willow Hetrick, 582 East 36th Ave. Anchorage, AK 99503; (907) 330-9085; willow@kuukpik.com.

Agent: ASRC Energy Services Alaska, Inc, Joseph Christopher, 3900 C Street, Suite 700 Anchorage, AK 99503; (907) 339-5483; jchristopher@asrcenergy.com.

Project Name: Kuukpik K2 Pad

Location: The proposed activity is located within Section 32, T. 10N, R. 2E; Umiat Meridian; in North Slope Borough, Alaska. Project Site (Latitude, Longitude): 70.18077, -151.66626. With potential discharge location for clean gravel at 70.180444, -151.66683.

Purpose: The applicant's stated purpose is to construct a 32.64-acre gravel pad to provide a Kuukpik-owned lay down and staging area on Kuukpik land that generates revenue for, and reduces impacts to, Kuukpik shareholders and Nuiqsut residents. The pad will be leased to one or more oil and gas operators, oil field support companies and contractors, and/or Kuukpik-affiliated companies and joint ventures to reduce impacts of traffic and construction within and around the City of Nuiqsut, generate revenue for the benefit of Kuukpik's shareholders and offset impacts of oil and gas development to the community Nuiqsut.

Project Description: The discharge of 389,000 cubic yards of clean, gravel fill into 32.50 acres of wetlands and 0.14-acre of uplands.

Additional Information: Additional permits, approvals, and other requirements:

- Bureau of Land Management (BLM) - Right of Way Permit
- United States Fish and Wildlife Service (USFWS) - Endangered Species Act (ESA) Section 7 consultation
- Alaska Department of Natural Resources (ADNR) State Historic Preservation Office (SHPO)-National Historic Preservation Act (NHPA) Section 106 consultation

- ADNR Division of Mining, Land and Water- Temporary water use authorizations and water rights
- Alaska Department of Fish and Game (ADF&G) - Public Safety Permit
- Alaska Department of Environmental Conservation (ADEC) - Clean Water Act (CWA) Section 402 Alaska Pollutant Discharge Elimination System (APDES) Permit
- North Slope Borough (NSB) - Traditional Land Use Inventory Clearance, development permits, and administrative approvals
- ASRC - Mine Site and Gravel Extraction Agreement
- Kuukpik Corporation - Land Use Authorization for facilities constructed on Kuukpik land

Applicant Proposed Mitigation: The applicant proposes the following mitigation measures to avoid, minimize, and compensate for impacts to waters of the United States from activities involving discharges of dredged or fill material.

Avoidance: The entire project area contains jurisdictional waters of the United States; therefore, complete avoidance is not practicable. Kuukpik proposes to include the following practicable avoidance measures. No fill will be placed in documented locations of Endangered Species Act listed bird species. Fill will be placed during winter months when migratory birds are not present. The pad expansion will avoid placement of gravel near documented polar bear dens and denning habitat. Project limits will be delineated with silt fencing or similar material to avoid impacts outside the proposed pad area. Fuel will not be stored and fueling would not occur within 100 feet of the tundra. K2 pad will be connected at grade to existing infrastructure to avoid additional placement of fill in wetlands. Kuukpik will utilize currently permitted gravel sources to avoid opening a new mine site

Minimization: Kuukpik will incorporate the following minimization measures into project design and construction to reduce overall impacts on waters of the United States. Construction would occur during frozen ground conditions. The pad will have a minimum thickness of 5-feet to insulate underlying permafrost. The pad will be constructed with a minimum 2:1 (vertical: horizontal) side slopes to minimize fill area and impacts to wetlands. Regular pad surface watering will occur during operation to minimize fugitive dust deposition to the tundra. The wetlands proposed for impact have already experienced a reduction function in the form of direct and indirect impacts from surrounding development. Kuukpik selected this location to minimize overall functional impacts in the watershed.

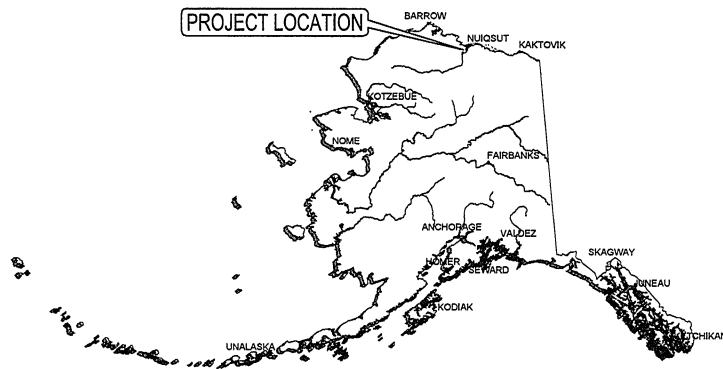
Compensatory Mitigation: The project is not located in rare, difficult to replace, or threatened wetlands or areas of designated Critical Habitat. The project does impact greater than 1/10th acre of wetlands, however, the single watershed in which the proposed project is located is not significantly deteriorated. The proposed total permanent fill for the project, combined with existing disturbance, would result in a maximum new percent disturbance of 0.23% to the watershed. The project is located outside the Colville River Delta and does not impact any intertidal waters associated with special aquatic sites. No fill would occur in, or within 500-feet of, anadromous waters. The closest anadromous water (Ublutuoeh River) is located 1.75 miles south. The project is not federally funded. The project is not a large-scale project with adverse aquatic resource impacts. Therefore, Kuukpik is not proposing compensatory mitigation at this time. If the U.S. Army Corps of Engineers (Corps) determines compensatory mitigation is necessary, Kuukpik will work with Corps to identify a practicable compensatory mitigation solution.

After reviewing the application, the Department may certify there is reasonable assurance the activity, and any discharge that might result, will comply with the CWA, the Alaska Water Quality Standards, and other applicable State laws. The Department also may deny or waive certification.

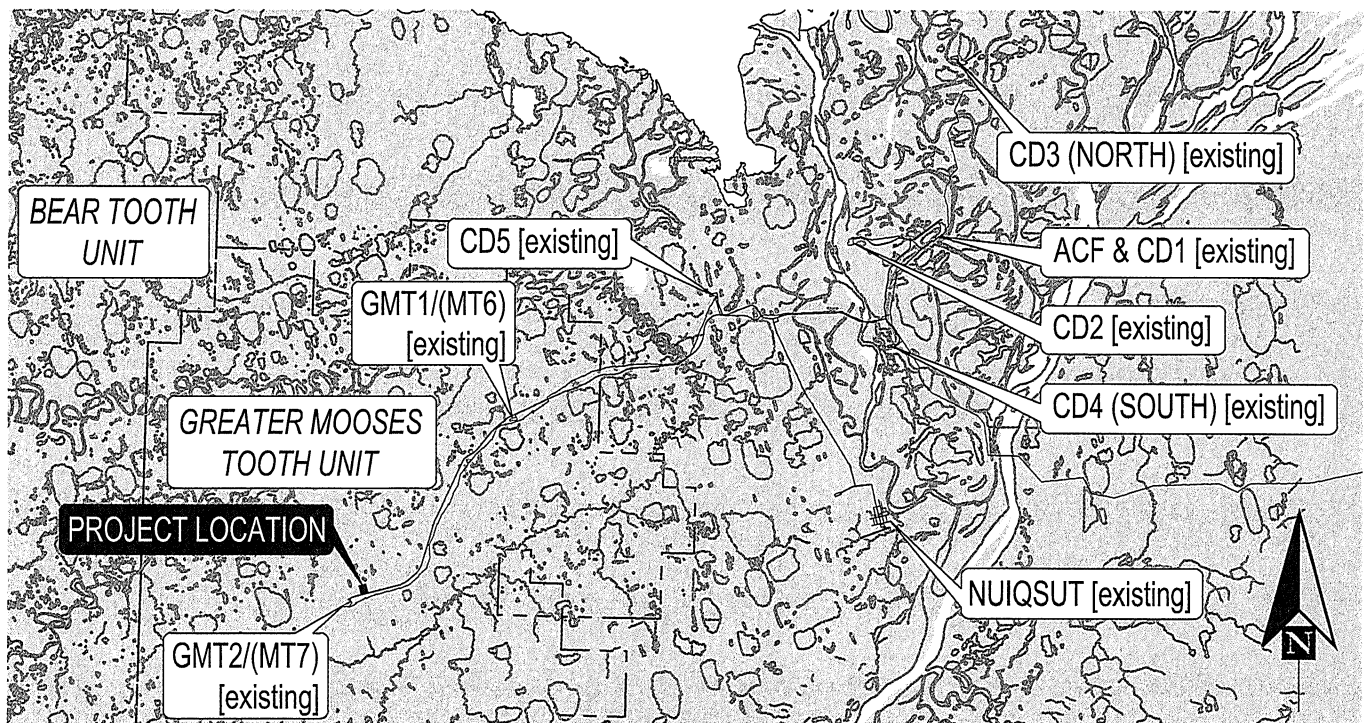
The permit application and associated documents are available for review. For inquiries or to request copies of the documents, contact dec-401cert@alaska.gov, or call 907-269-6285.

Disability Reasonable Accommodation Notice

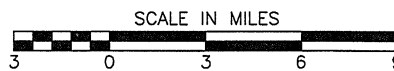
The State of Alaska, Department of Environmental Conservation complies with Title II of the Americans with Disabilities Act (ADA) of 1990. If you are a person with a disability who may need special accommodation in order to participate in this public process, please contact ADA Coordinator Megan Kohler at 907-269-4198 or TDD Relay Service 1-800-770-8973/TTY or dial 711 prior to the expiration date of this public notice to ensure that any necessary accommodations can be provided.



ALASKA VICINITY MAP



VICINITY MAP



PURPOSE:
CONSTRUCT GRAVEL PAD FOR
OILFIELD SUPPORT

DATUM: BPMSL, NAD83 ASP ZONE 4

REFERENCE: POA-2023-00027

APPLICANT: KUUKPIK CORPORATION

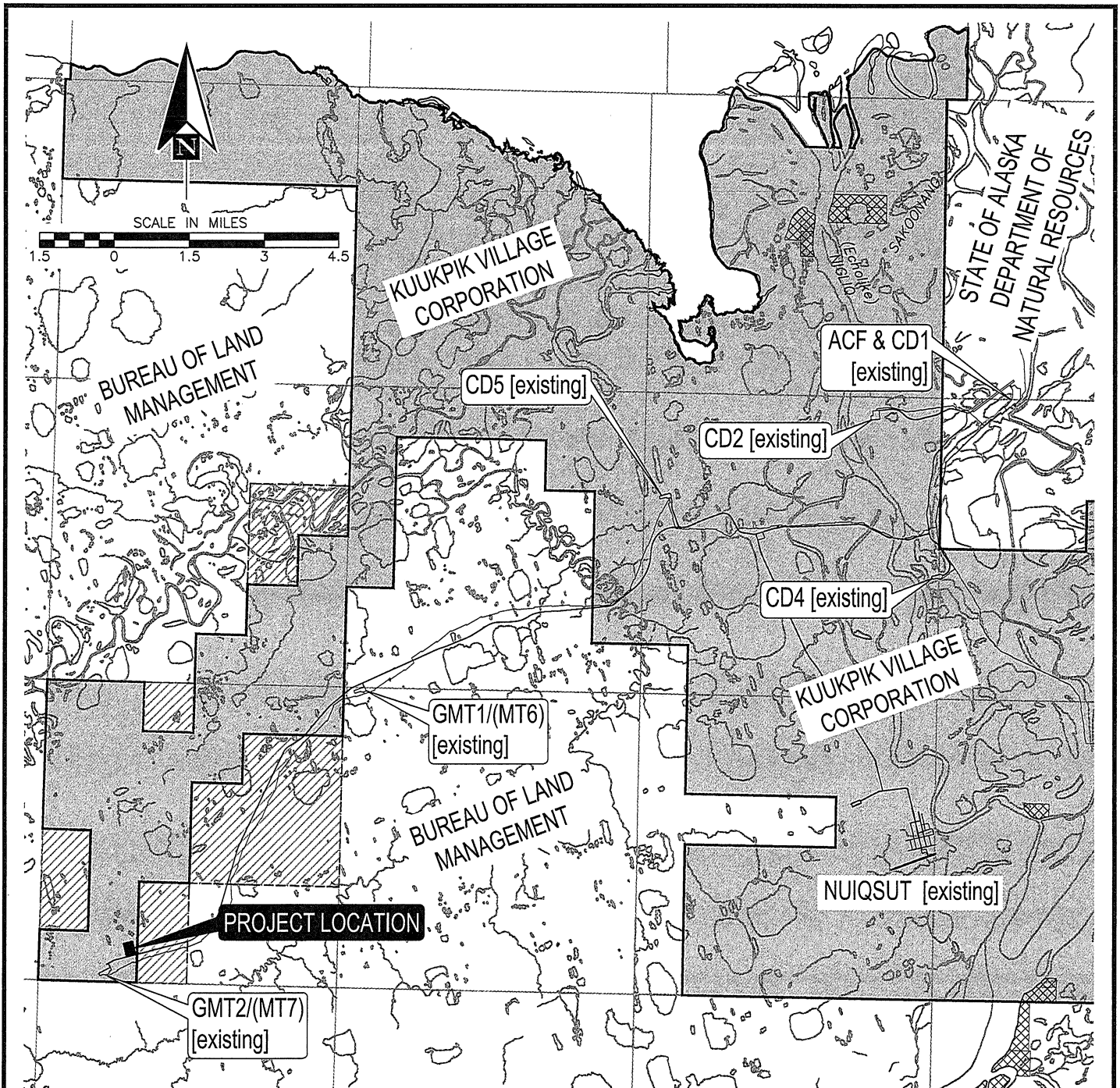
LOCATION: S32 T10N R2E
UMIAT MERIDIAN
LAT: N70.179786
LONG: W151.673436

PROPOSED: K2 PAD CONSTRUCTION

IN: GREATER MOOSES
TOOTH UNIT




COUNTY: NORTH SLOPE BOROUGH
STATE: ALASKA

SHEET **1** of **7** 09/11/2023



ADJACENT LAND OWNERS MAP

LEGEND

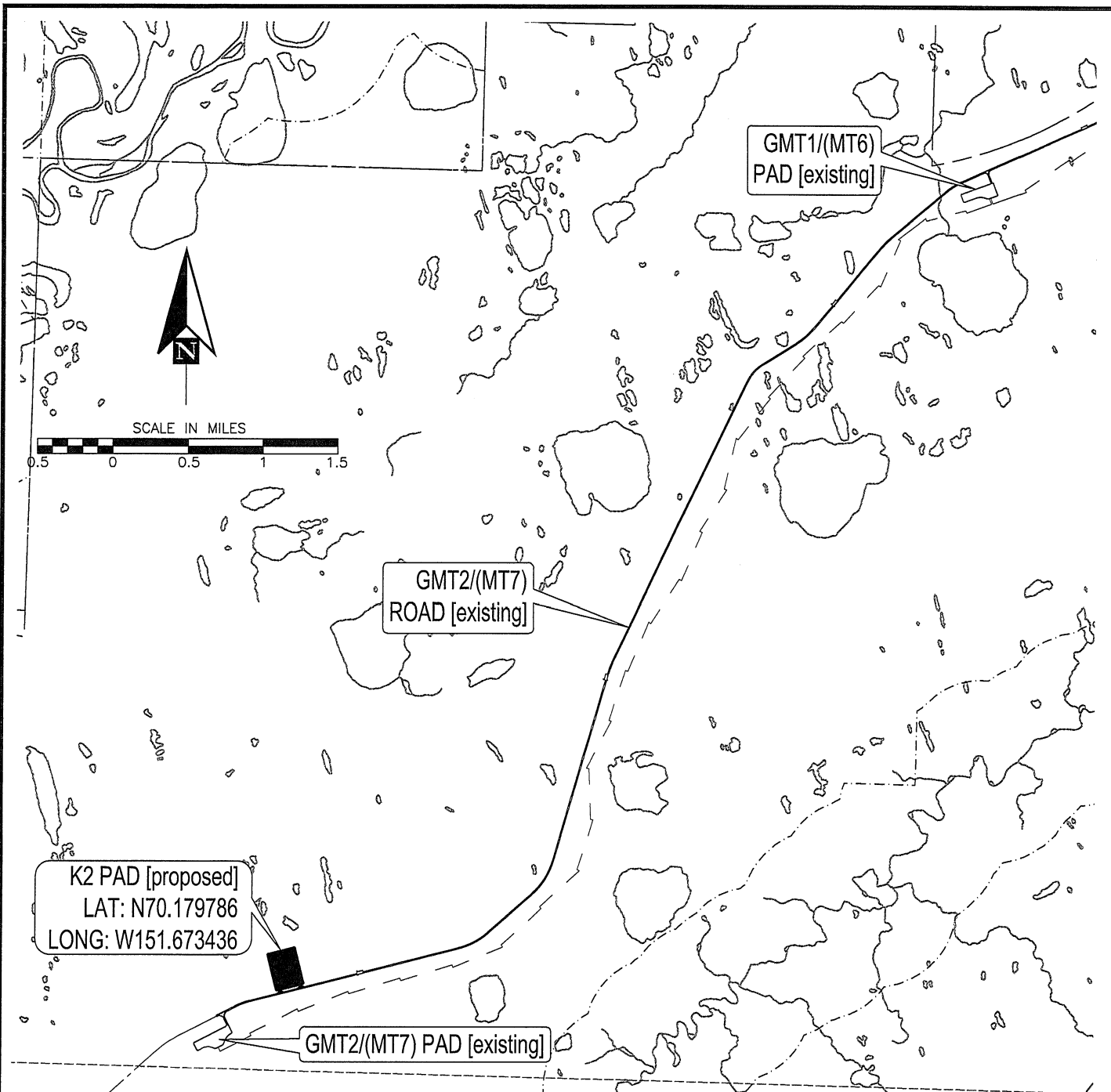
-  KUUKPIIK VILLAGE CORPORATION – CONVEYED
-  KUUKPIIK VILLAGE CORPORATION – SELECTED LANDS
-  NATIVE ALLOTMENT

P | N | D
ENGINEERS, INC.

REFERENCE: POA-2023-00027
 APPLICANT: KUUKPIIK CORP.
 PROPOSED: K2 ROAD AND PAD CONSTRUCTION

THIS MAP PROJECTION IS NAD 83, ALASKA STATE PLANE ZONE 4. THIS MAP IS BASED ON DATA PROVIDED BY THE U.S. GEOLOGICAL SURVEY AND THE ALASKA DEPARTMENT OF NATURAL RESOURCES.

AT: ALASKA
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PROJECT OVERVIEW

LEGEND

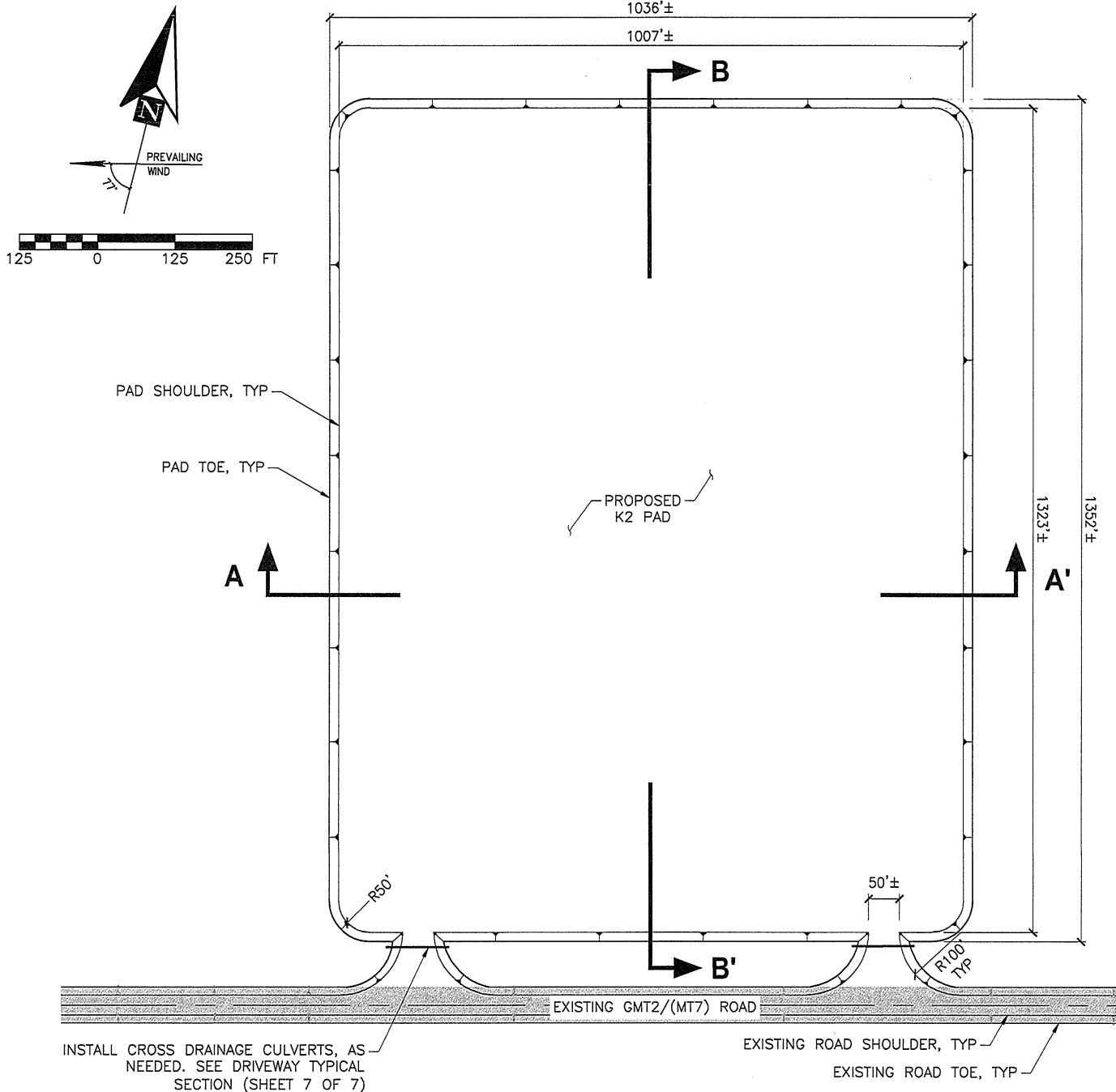
- EXISTING GRAVEL INFRASTRUCTURE
- - - - - EXISTING PIPELINE
- - - - - 1/2 MILE RIVER BUFFER
- - - - - 3 MILE FISH CREEK BUFFER
- - - - - RAPTOR PROTECTION AREA

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 PROPOSED: K2 ROAD AND PAD
 CONSTRUCTION

AT: ALASKA
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K2 PAD AND ACCESS ROAD QUANTITIES

TOTAL PROJECT FOOTPRINT	32.65 ACRES
UPLANDS FOOTPRINT	0.17 ACRES
WETLAND FOOTPRINT	32.48 ACRES
TOTAL PROJECT GRAVEL VOLUME	389,000 CY

NOTE:

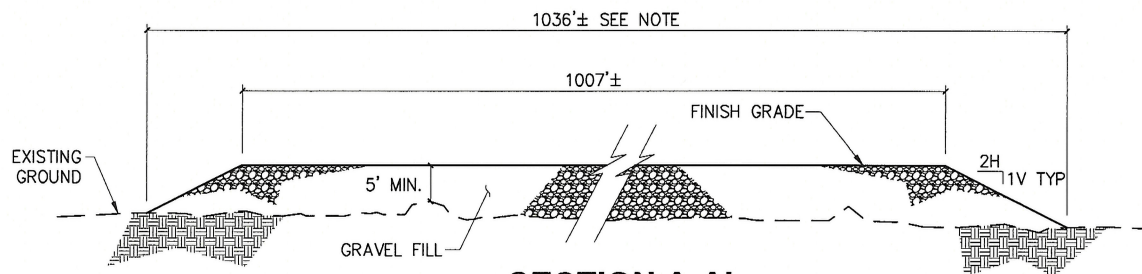
1. MINIMUM GRAVEL DEPTH 5.0' WITH 2H:1V FILL SLOPES, TYPICAL.
2. SEE SHEET 6 FOR TYPICAL SECTIONS.
3. CROSS DRAINAGE CULVERTS TO BE INSTALLED AT PAD ENTRANCES AS NEEDED. CULVERT LOCATIONS, SIZES AND QUANTITIES TO BE DETERMINED BASED UPON SITE DRAINAGE AND TOPOGRAPHY DURING DETAILED DESIGN.

PROPOSED K2 PAD

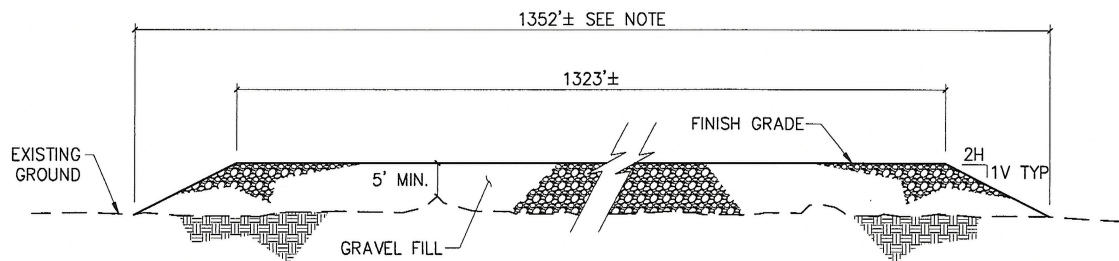
P | N | D
ENGINEERS, INC.

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SECTION A-A'
K2 PAD TRANSVERSE SECTION
 NOT TO SCALE



SECTION B-B'
K2 PAD LONGITUDINAL SECTION
 NOT TO SCALE

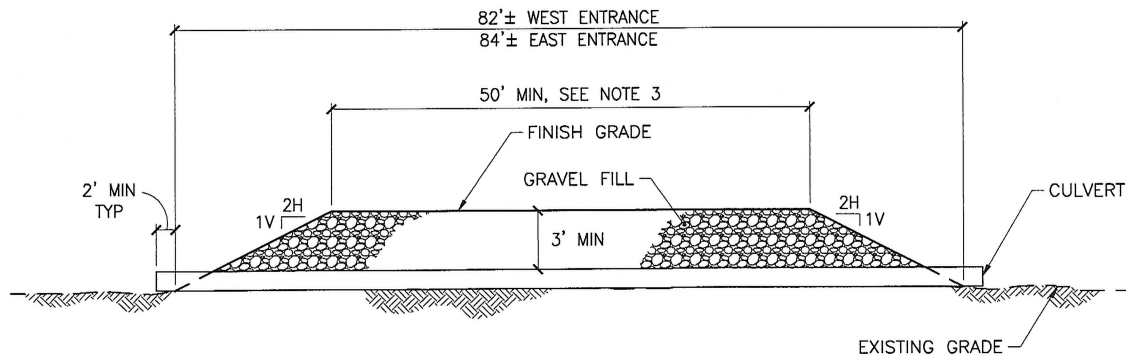
NOTE:

1. FILL FOOTPRINT WILL VARY BASED UPON TOPOGRAPHY AND FINISH GRADE ELEVATION. HOWEVER, THE TOTAL PROJECT FOOTPRINT WILL NOT BE EXCEEDED.



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 CONSTRUCTION

AT: ALASKA
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DRIVEWAY TYPICAL SECTION

NOT TO SCALE

NOTES:

1. CULVERTS TO BE INSTALLED AT PAD ENTRANCES AS NEEDED. CULVERT LOCATIONS, SIZES, AND QUANTITIES TO BE DETERMINED BASED UPON SITE DRAINAGE AND TOPOGRAPHY DURING DETAILED DESIGN.
2. CULVERT MATERIALS WILL CONSIST OF SMOOTH WALL STEEL PIPE CONFORMING TO AMERICAN PETROLEUM INSTITUTE (API) 5L SPECIFICATION, OR EQUIVALENT, FOR STEEL GRADES BETWEEN X42 TO X70. CULVERT DIAMETERS WILL BE SIZED BASED UPON HYDRAULIC NEED WITH A MINIMUM DIAMETER OF 24 INCHES. THE CULVERT PIPE WALL THICKNESS WILL BE SIZED TO ACCOMMODATE MAXIMUM AXLE LOADS FOR COMMON OIL FIELD EQUIPMENT.
3. DRIVEWAY WIDTH AND SHOULDER RADII HAVE BEEN DESIGNED TO ACCOMMODATE THE MINIMUM SWEEPED PATH TURNING MOVEMENTS FOR COMMON OIL FIELD EQUIPMENT INCLUDING DRILL RIGS, COIL TUBING UNITS, AND SEMI-TRUCKS AND TRAILERS.



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TYPICAL DRIVEWAY SECTIONS