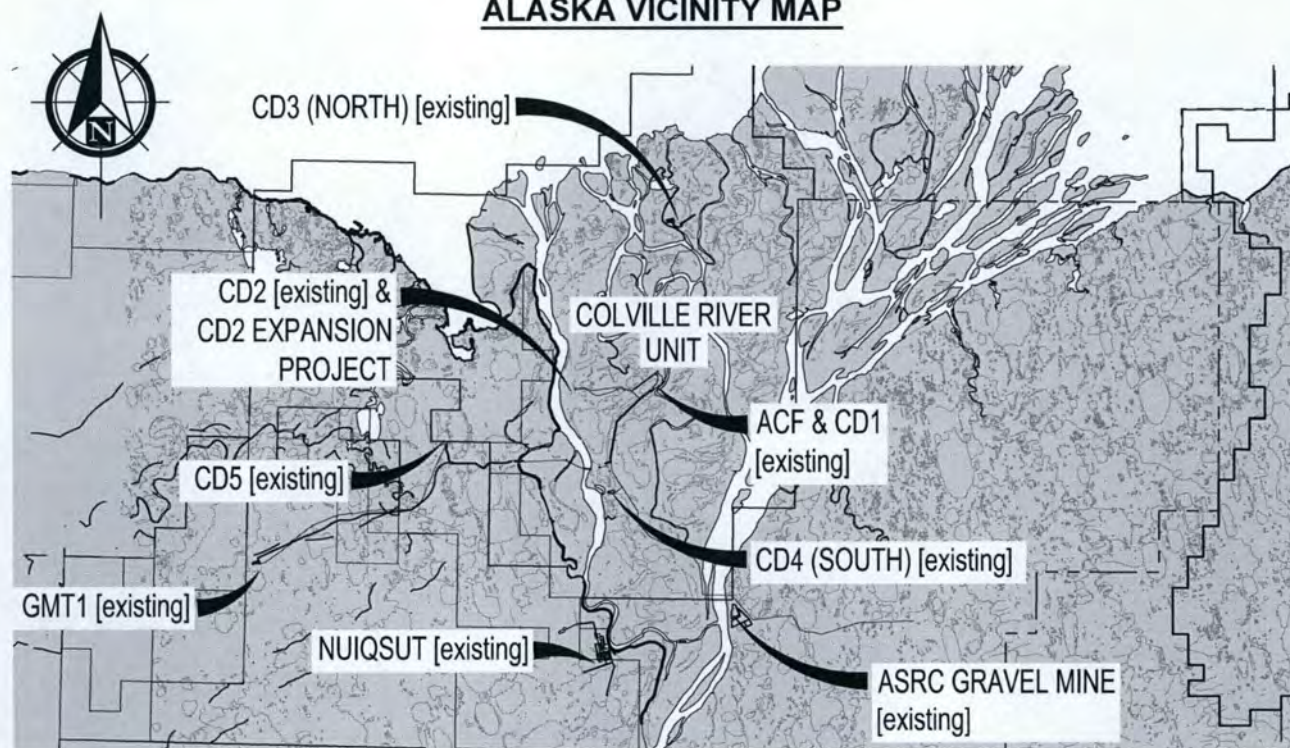




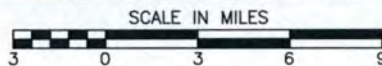
ALASKA VICINITY MAP



CD2 EXPANSION PROJECT VICINITY MAP

P | N | D
ENGINEERS, INC.

1506 West 36th Avenue
Anchorage, Alaska 99503
Phone: 907.563.1011
Fax: 907.563.4220
www.pndengineers.com



ConocoPhillips
Alaska, Inc.

PURPOSE:
EXPAND CD2 GRAVEL DRILLING PAD
FOR OILFIELD DEVELOPMENT

DATUM: BPMSL, NAD83 ASP ZONE 4

ADJACENT PROPERTY OWNERS:
1. KUUKPIK VILLAGE CORP
2. STATE OF ALASKA DEPARTMENT
OF NATURAL RESOURCES

APPLICANT: CONOCOPHILLIPS
2017 ALASKA, INC

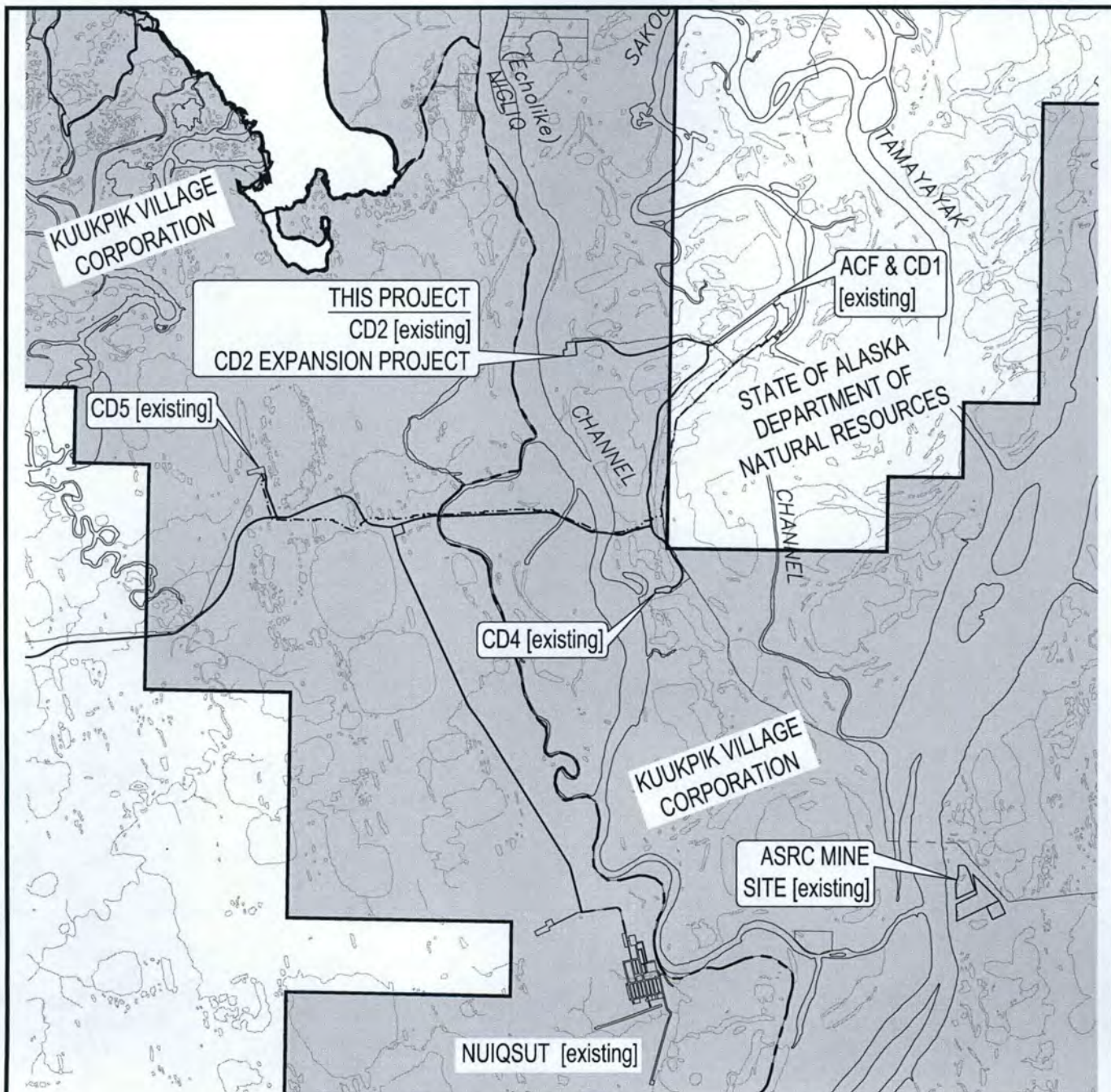
LOCATION: S2, T11N, R4E
UMIAT MERIDIAN

ADDRESS:

PROPOSED: CD2 EXPANSION
PROJECT

IN: COLVILLE RIVER UNIT
NEAR/AT: ALPINE
COUNTY: ANS BOROUGH
STATE: ALASKA

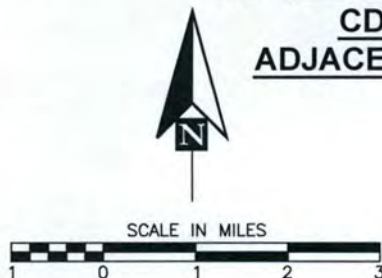
POA-2017-504, Colville River
ConocoPhillips Alaska, Inc., CD2X
Drawings dated September 28, 2017
Sheet 1 of 5



CD2 EXPANSION PROJECT ADJACENT PROPERTY OWNERS MAP

P | N | D
ENGINEERS, INC.

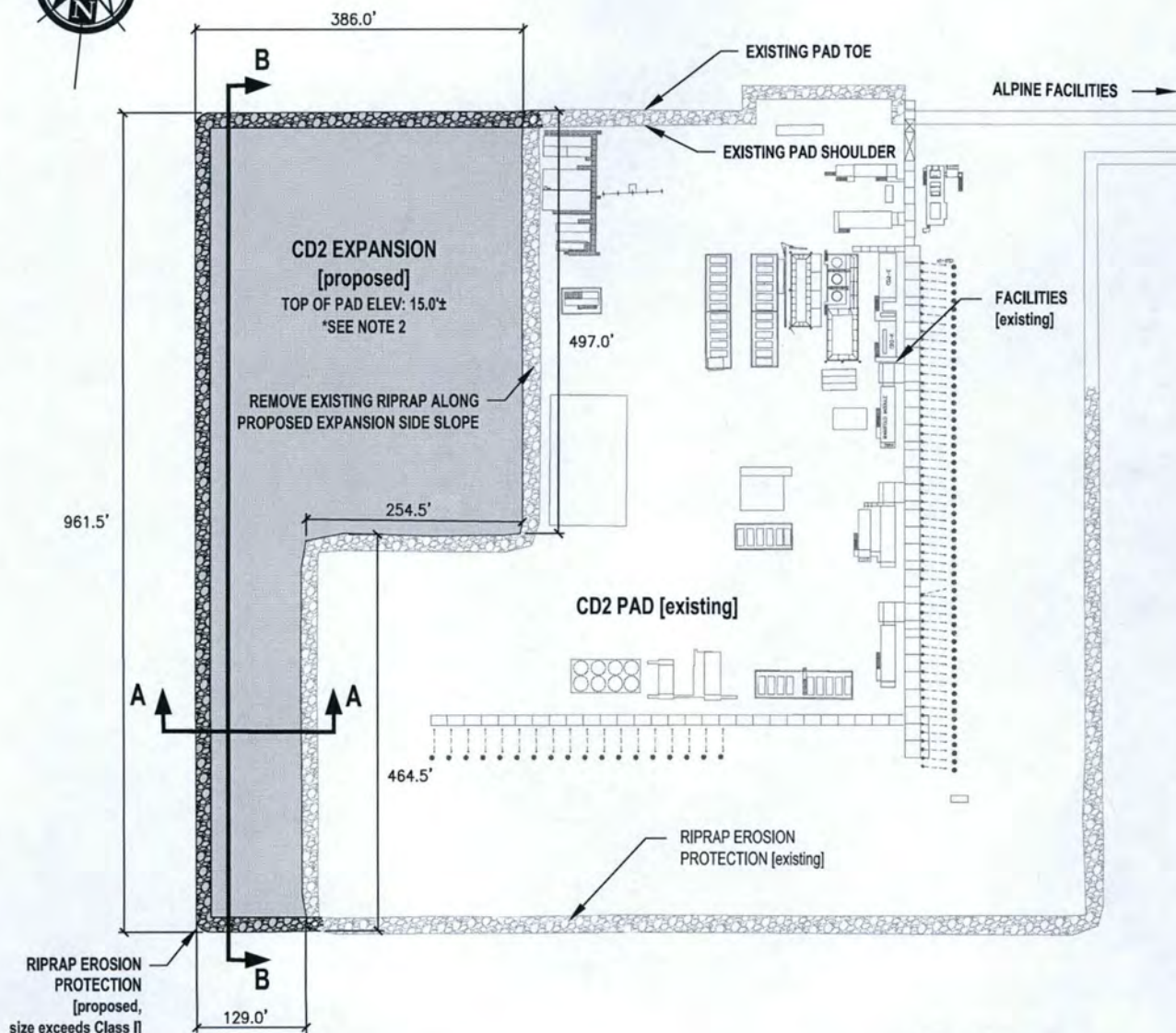
ConocoPhillips
Alaska, Inc.



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

REFERENCE: POA-XXXX-XXX
APPLICANT: CPAI
PROPOSED: CD2 EXPANSION PROJECT

POA-2017-504, Colville River
ConocoPhillips Alaska, Inc., CD2X
Drawings dated September 28, 2017
Sheet 2 of 5

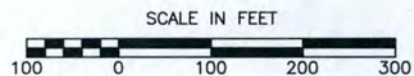


CD2 EXPANSION GRAVEL	
TUNDRA FOOTPRINT	5.8 AC
GRAVEL VOLUME	73,000± CY

NOTE:

1. THIS MAP PROJECTION IS BASED UPON ALASKA STATE PLANE, NAD 83. THIS MAP IS BASED ON DATA PROVIDED BY THE U.S. GEOLOGICAL SURVEY, THE ALASKA DEPARTMENT OF NATURAL RESOURCES, AND CONOCOPHILLIPS ALASKA, INC.
2. TOP OF PROPOSED PAD ELEVATION TO MATCH WEST EDGE OF EXISTING PAD.

CD2 PAD
EXISTING CONDITIONS AND
PROPOSED EXPANSION



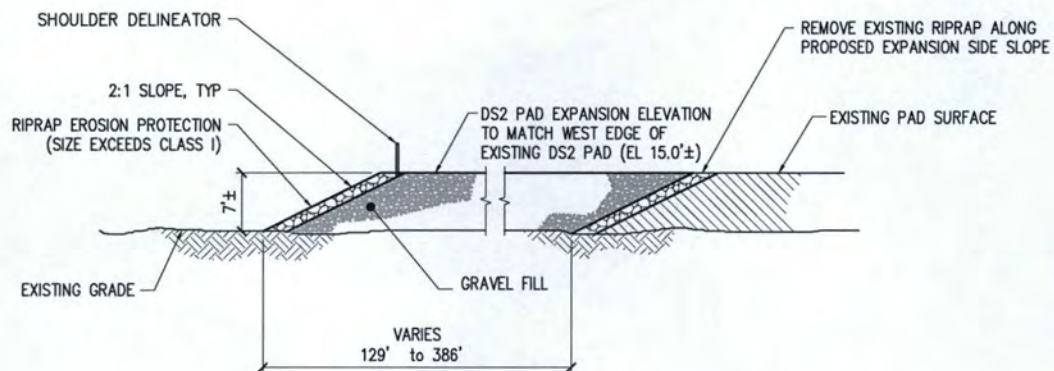
ConocoPhillips
Alaska, Inc.

REFERENCE: POA-XXXX-XXX

APPLICANT: CPAI

PROPOSED: CD2 EXPANSION
PROJECT

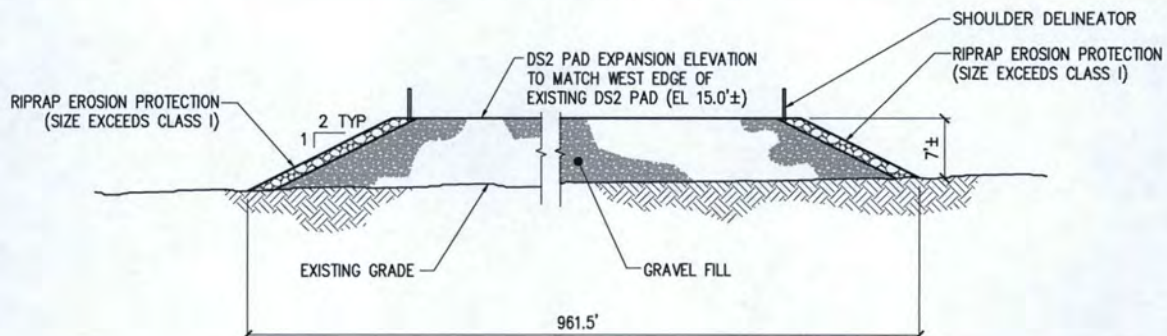
POA-2017-504, Colville River
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Drawings dated September 28, 2017
Sheet 3 of 5



A-A TYPICAL GRAVEL PAD EXTENSION

NOT TO SCALE

* PROPOSED PAD SURFACE ELEVATION MEETS OR EXCEEDS THE 200 YR FLOOD EVENT PLUS 1 FOOT.



B-B TYPICAL GRAVEL PAD SECTION

NOT TO SCALE

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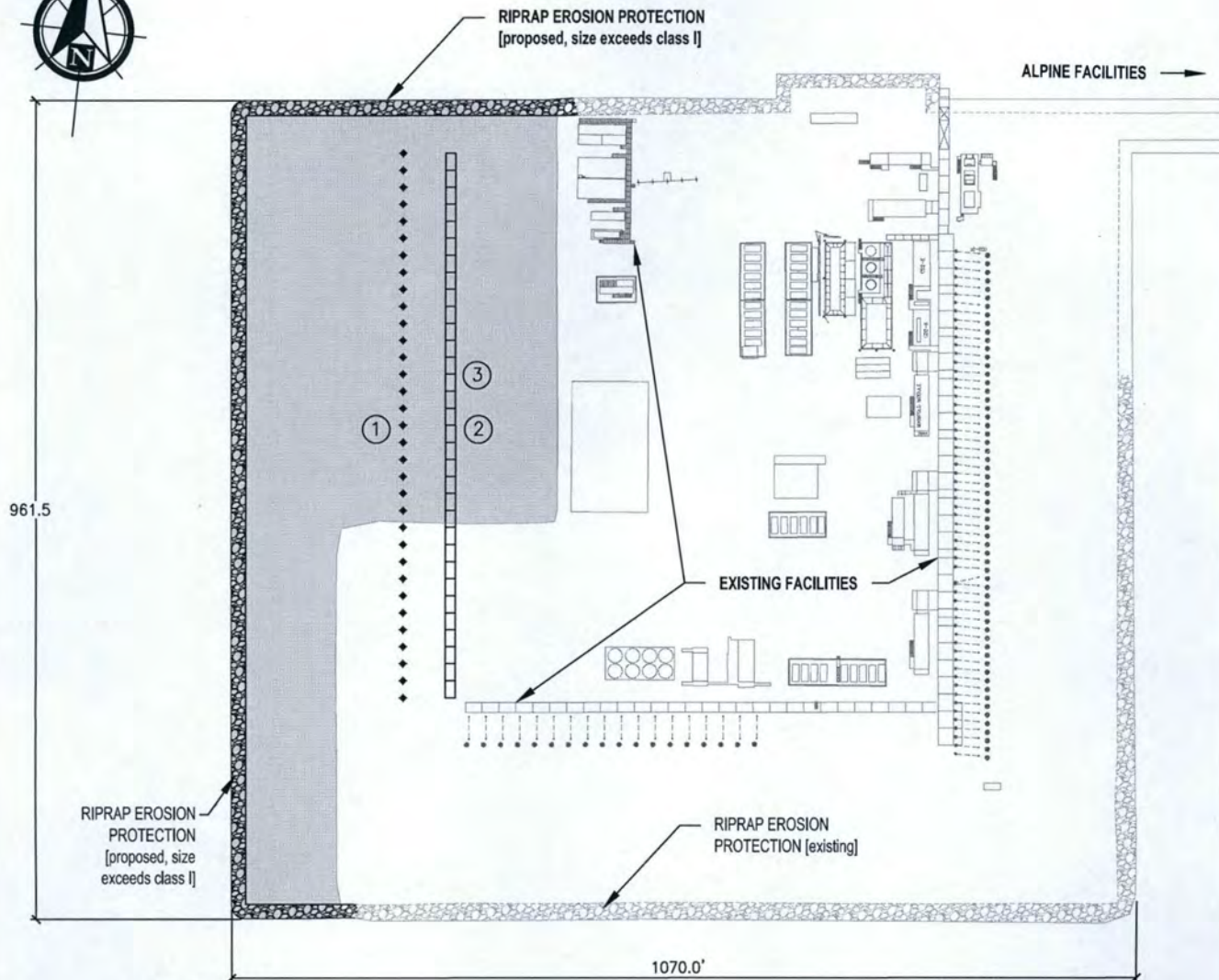
REFERENCE: POA-XXXX-XXX

APPLICANT: CPAI

PROPOSED: CD2 EXPANSION
PROJECT

CD2 PROPOSED EXPANSION TYPICAL SECTIONS

POA-2017-504, Colville River
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Drawings dated September 28, 2017
Sheet 4 of 5



LEGEND

 CD2 EXPANSION FOOTPRINT

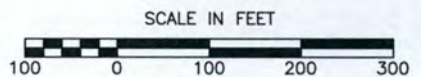
CD2 PAD

NOTE:
FACILITY LOCATIONS ARE NOT FINAL AND MAY
BE RELOCATED PRIOR TO CONSTRUCTION.

CD2 EXPANSION PROPOSED FACILITIES	
①	32 SLOT WELL ROW
②	PIPE RACK
③	HIGH MAST LIGHT

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CONOCOPHILLIPS ALASKA, INC.

CD2 EXPANSION PROPOSED FACILITIES



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ConocoPhillips
Alaska, Inc.

REFERENCE: POA-XXXX-XXX

APPLICANT: CPAI

PROPOSED: CD2 EXPANSION
PROJECT

POA-2017-504, Colville River
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