



BP Exploration (Alaska) Inc.
900 East Benson Boulevard
P.O. Box 196612
Anchorage, Alaska 99519-6612

July 10, 2017

DOG Permitting
Alaska Department of Natural Resources
Division of Oil and Gas
550 W. 7th Ave., Suite 800
Anchorage, Alaska 99501-3577

Amendment to Unit Plan of Operations
LO/NS 95-001
K Pad Expansion for Drilling Rig Access

DOG Permitting:

BP Exploration (Alaska) Inc. (BPXA) proposes to place gravel fill into Waters of the United States (US) to expand the pads at K Pad, located in the Western Operating Area (WOA) of the Prudhoe Bay Unit (PBU). In support of this request, enclosed you will find the following:

- Project Description/Plan of Operations
- State of Alaska ADNRR/DOG Lease/Unit Plan of Operations Application including project figures

Please note that this project is not mentioned in the Unit Plan of Development (POD), as the POD covers reservoir development activities, not routine operations and maintenance activities. If you have any questions or require additional information, please contact Pauline Ruddy at (907) 564-5328, Pauline.Ruddy@bp.com or Jennifer Collins at (907) 564-5524, Jennifer.Collins@bp.com.

Sincerely,

A handwritten signature in black ink, appearing to read "Tom Burnett" with a stylized flourish at the end.

Richard Burnett, Coiled Tubing Drilling Superintendent
BP Exploration (Alaska) Inc

Attachments



UNIT PLAN OF OPERATIONS AMENDMENT APPLICATION



State of Alaska
Department of Natural Resources, Division of Oil and Gas
550 W. 7th Ave, Suite 1100, Anchorage, AK 99501-3563
Phone: 907-269-8800 Fax: 907-269-8943
Permitting Email: dog.permitting@alaska.gov

SECTION I: APPLICANT INFORMATION

1. Applicant

Name: BP Exploration (Alaska) Inc.
Mailing Address: P.O. Box 196612
City: Anchorage
State: AK Zip Code: 99519-6612
Phone: See Applicant Contact Fax: 907-564-5020
Email: See Applicant Contact

2. Applicant Contact:

Name: Richard Burnett
Title: CTD Superintendent
Mailing Address: P.O. Box 196612
City: Anchorage
State: AK Zip Code: 99519-6612
Phone: (907) 782-8995 Fax: 907-564-5020
Email: burnr8@BP.com

3. Unit Name Prudhoe Bay Unit

4. Unit Operator Contact:

Name: Richard Burnett Title: CTD Superintendent
Mailing Address: P.O. Box 196612 City: Anchorage State: AK Zip Code: 99519-6612
Phone: (907) 782-8995 Fax: 907-564-5020 Email: burnr8@BP.com
Describe the relationship between the Unit Operator and the Applicant: Same

SECTION II: 3RD PARTY INFORMATION

3rd Party Company Name: N/A
First Name: Last Name:
Title:
Mailing Address:
City: State: Zip Code:
Phone: Fax:
Email:
Describe the affiliation to the Applicant:

SECTION III: APPLICATION DATE AND NUMBER

1. Application Date (Office Use Only):

2. Application Number:

Enter number of the Unit Plan of Operations that needs to be amended.

95-001

SECTION IV: PROJECT INFORMATION

1. Project Name: WOA Pad Expansion - K Pad

2. Proposed Start Date: 8/15/2017

3. Project Description:

Is activity discussed in the approved Plan of Development on file with the Division's Units Section? ☐ Yes ☒ No

Describe what and where:

BP Exploration (Alaska) Inc. (BPXA) proposes to place gravel fill into Waters of the United States (US) to expand K Pad, located in the Western Operating Area (WOA) of the Prudhoe Bay Unit (PBU).

The purpose of this project is to provide the necessary access for safely maneuvering larger drilling rigs to access existing wells on the drilling pad. The expansion is necessary to maintain on-going oil and gas production. Expansions using ice pads will be the preferred method to provide drilling rig access and utilized whenever possible. However, due to the specific requirements of the drilling rig schedule and the limited off road travel season, some well work will need to be completed when ice pads are not an option. The gravel pad expansion will result in a minor deviation in the structure's original configuration and is necessary to accommodate new drilling rigs (new well drilling methods) currently being used in the Prudhoe Bay Unit. The proposed fill area accounts for maximum acreage and fill volume to reach each well currently located at K Pad. BPXA will avoid and minimize fill into Waters of the US by only completing pad expansions on a well by well incremental basis.

The project scope will consist of the following:

- Gravel will be placed over 0.5 acres of tundra at K Pad.
- Approximately 5,000 cubic yards of gravel from permitted sources will be used for the K Pad expansion.
- Equipment will work from the existing pad and will consist of wheel loaders, dump trucks, and road graders

SECTION V: LAND STATUS**1. State Mineral Estate:**Are supplemental pages for land status included in Appendix C? ☒ Yes ☐ No

Affected ADL: 028303 Date Effective: 9/1/1965 Date Assigned:

Oil And Gas Lessee(s): BP Exploration (Alaska) Inc.

Surface Ownership: State of Alaska

Do you have, or anticipate having an Access Agreement: No

Special Use Lands: N/A

Jointly Managed Lands: N/A

Other Considerations: N/A

Project Components	Meridian, Township, Range, And Section(s)	GPS Coordinates
K Pad Gravel Expansion	UMIAT, T11N, R14E, Sec 4	Lat: 70.337925 Long -148.614967
		Lat: Long
		Lat: Long

2. State of Alaska Surface Lands:Are supplemental pages for land status included in Appendix C? ☐ Yes ☒ No

Oil And Gas Mineral Estate Owner: N/A

Access Authorization(s):

Special Use Lands:

Jointly Managed Lands:

Other Considerations:

Project Components	Meridian, Township, Range, And Section(s)	GPS Coordinates

3. Private Lands:Are supplemental pages for land status included in Appendix C? ☐ Yes ☒ No

Oil And Gas Mineral Estate Owner: N/A

Surface Ownership And Access Agreement(s):

Special Use Lands:

Jointly Managed Lands:

Other Considerations:

Project Components	Meridian, Township, Range, And Section(s)	GPS Coordinates

SECTION VI: SEQUENCE AND SCHEDULE OF OPERATIONS

Project Milestone #	Project Milestone	Proposed Start Date	Proposed End Date
1.	Place 5,000 cubic yards of gravel over 0.5 acres of tundra at K Pad	8/15/2017	3/31/2022
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			

SECTION VII: PROJECTED USE REQUIREMENTS

1. Describe the proposed operations, including the location and design, of Well Sites:

Gravel will be placed over 0.5 acres of tundra at K Pad. Approximately 5,000 cubic yards of gravel from permitted sources will be used for the K Pad expansion.

2. Describe the proposed operations, including the location and design, of Buildings:

N/A

3. Describe the proposed operations, including the location and design, of Fuel and Hazardous Substances:

N/A

4. Describe the proposed operations, including the location and design, of Solid Waste Sites:

N/A

5. Describe the proposed operations, including the location and design, of Water Supplies:

N/A

6. Describe the proposed operations, including the location and design, of Utilities:

N/A

7. Describe the proposed operations, including the location and design, of Material Sites:

N/A

8. Describe the proposed operations, including the location and design, of Roads:

N/A

9. Describe the proposed operations, including the location and design, of Airstrips:

N/A

10. Describe the proposed operations, including the location and design, of All Other Facilities and Equipment:

BPXA proposes to place gravel on the tundra at K Pad in the Prudhoe Bay Unit (PBU). See figures for details.

11. If another permit(s) is required for the above described Projected Use Requirements, provide the following information:

Agency	Permit Type	Permit Number	Application Status	Projected Use Requirement(s)
US Army Corps of En	Nationwide Permit	In process	In process	None
North Slope Borough	Development Permit	In process	In process	None

SECTION VIII: REHABILITATION PLAN**1. Proposed Level of Infrastructure, Facilities and Equipment Removal:**

No change from original plan.

2. Description of Restoration and Rehabilitation Activities for Vegetation, Habitat, Impacted Wildlife, and Other Applicable Resources:

No change from original plan.

SECTION IX: OPERATING PROCEDURES DESIGNED TO MINIMIZE ADVERSE EFFECTS

Describe operating procedures designed to prevent or minimize adverse effects on other natural resources and other uses of the Lease area and adjacent areas including:

Fish and Wildlife Habitats: N/A

Historic and Archeological Sites N/A

Public Use Areas: N/A

SECTION X: GLOSSARY OF TERMS

Term #	Term	Term Definition
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

SECTION XI: CONFIDENTIALITY

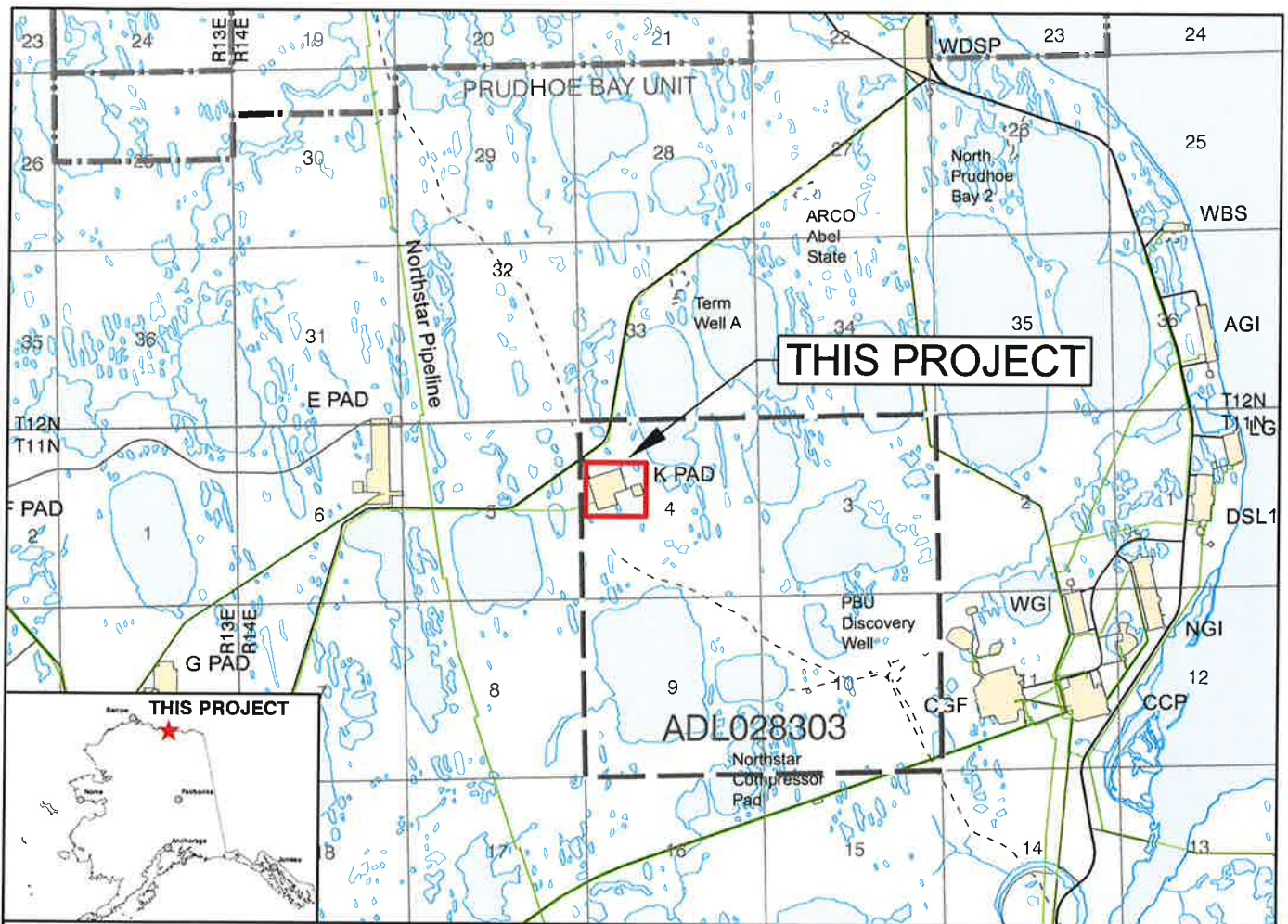
The undersigned hereby requests that each page/section of this application marked confidential be held confidential under AS 38.05.035(a)(8).

APPLICANT CONTACT:

Richard Burnett	CTD Superintendent	7/10/2017
Signature	Name	Title
		Date

APPENDIX A: MAPS

See attached figures.



This map is based on U.S.G.S quad Beechey Point (B-3)
and on the Unit Operator's Facility Maps.



PROJECT LOCATION:

PRUDHOE BAY UNIT - K PAD

NAD83

LAT. = 70° 20' 16.531" / DD 70.337925

LONG. = -148° 36' 53.880" / DD -148.614967

ALASKA STATE PLANE ZONE 4, NAD83

X = 1,811,096.16 FEET

Y = 5,974,972.11 FEET

SEC. 4 T11N, R14E UMIAT M.

ADL # 028303

DATUM: MEAN SEA LEVEL

PURPOSE: GRAVEL EXPANSION

ADJACENT PROPERTY OWNER:
STATE OF ALASKA

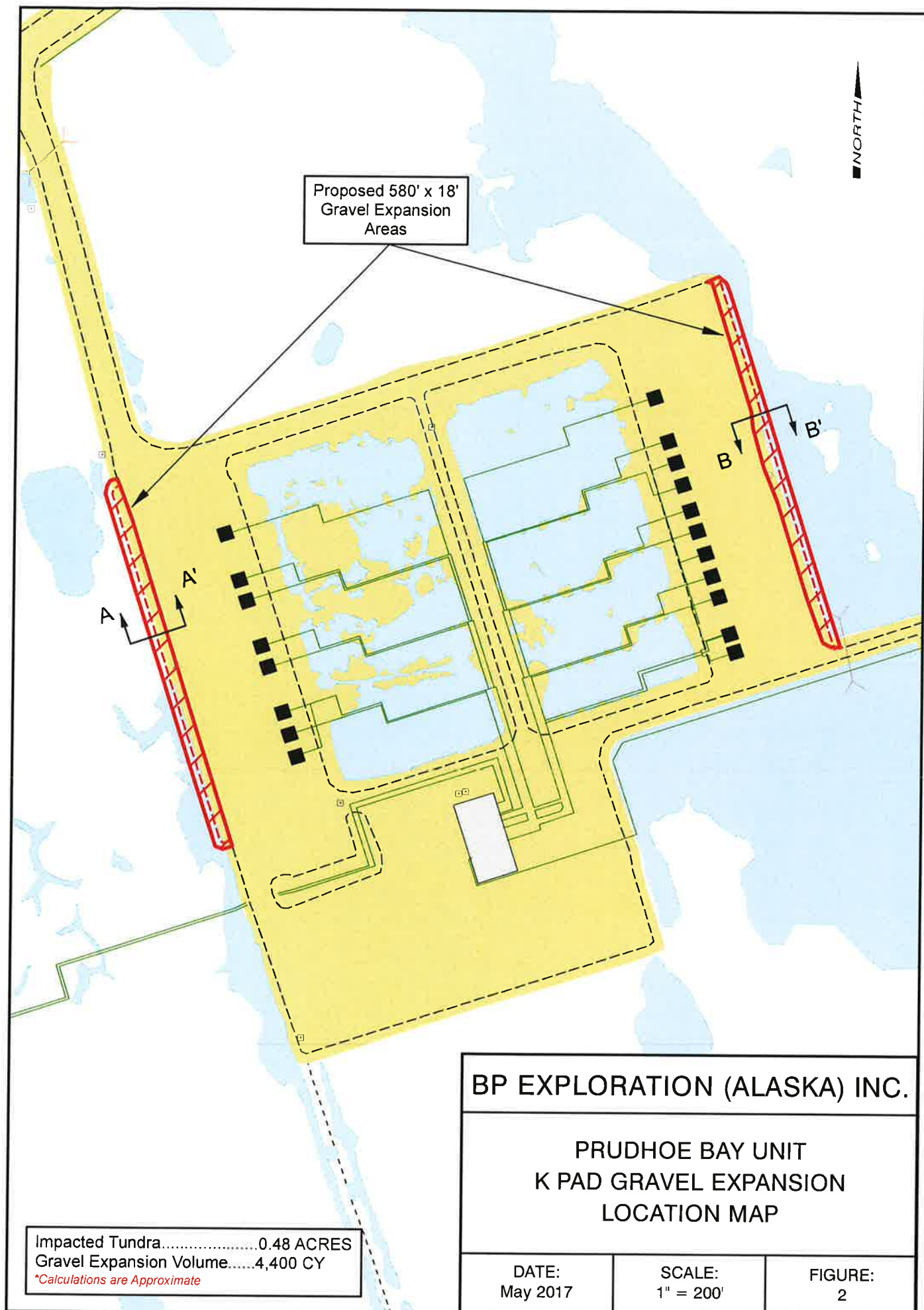
BP EXPLORATION (ALASKA) INC.

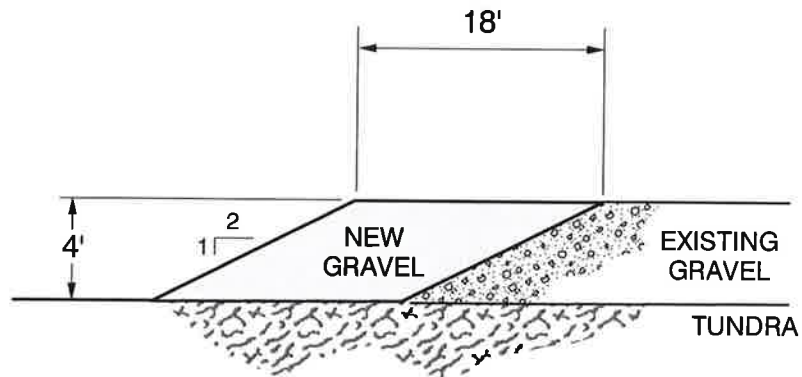
**PRUDHOE BAY UNIT
K PAD GRAVEL EXPANSION
VICINITY MAP**

DATE:
May 2017

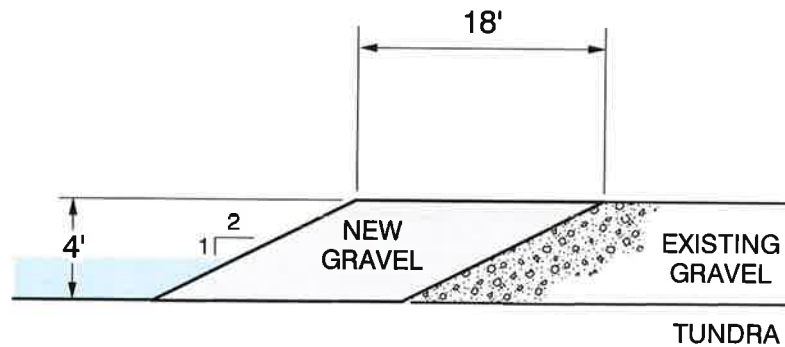
SCALE:
1" = 1 Mile

FIGURE:
1





GRAVEL EXPANSION A-A'



GRAVEL EXPANSION B-B'

BP EXPLORATION (ALASKA) INC.

PRUDHOE BAY UNIT
K PAD GRAVEL EXPANSION
CROSS SECTIONS

DATE:
May 2017

SCALE:
NOT TO SCALE

FIGURE:
3

ALL DIMENSIONS ARE APPROXIMATE

APPENDIX B: MITIGATION MEASURES

APPENDIX C: OTHER