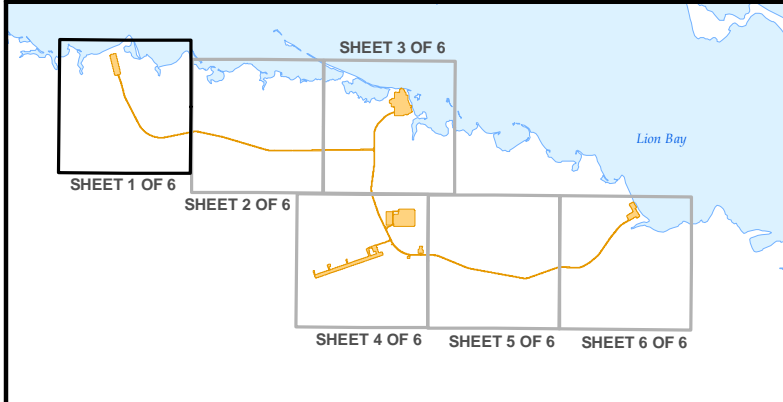
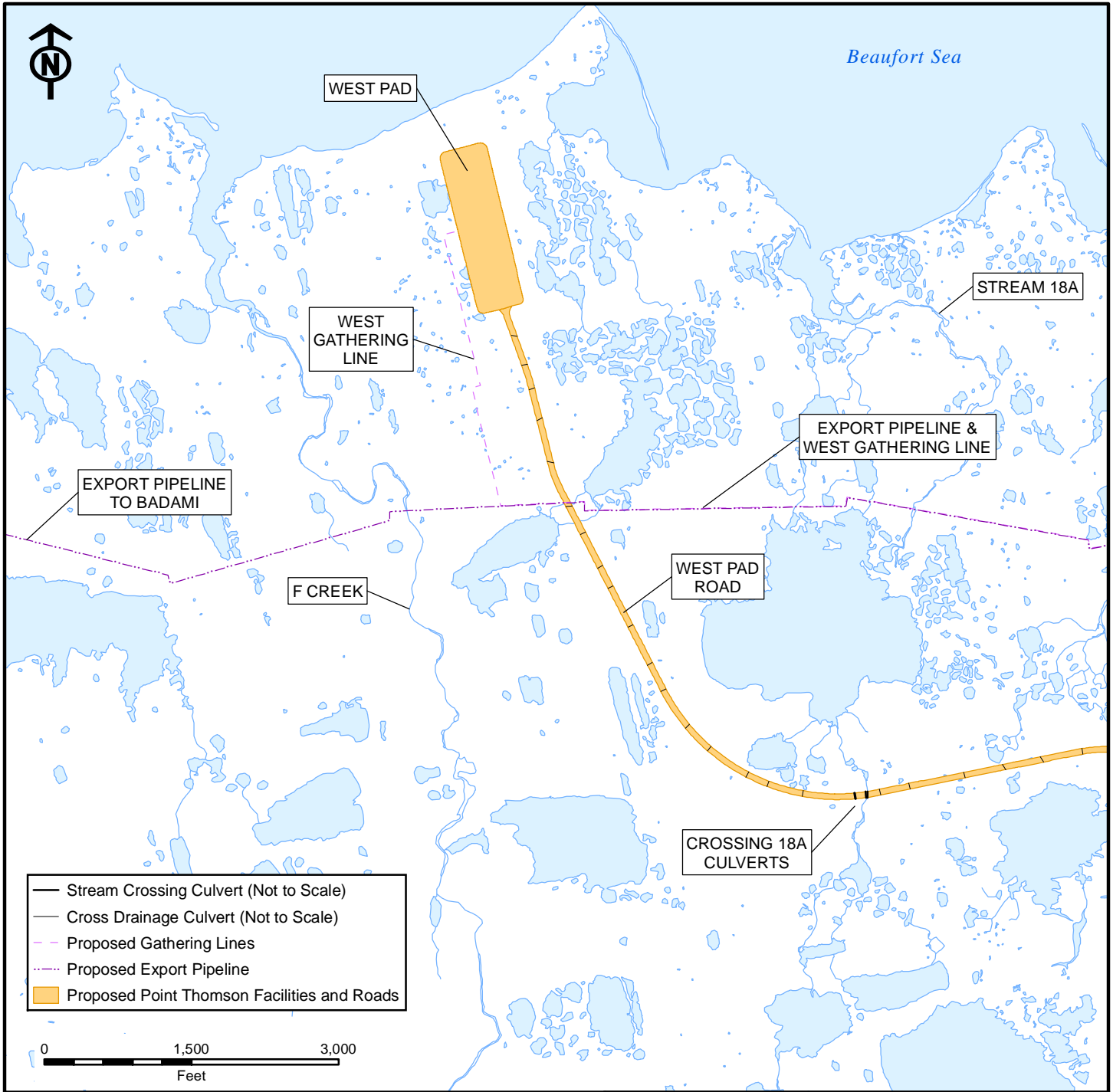


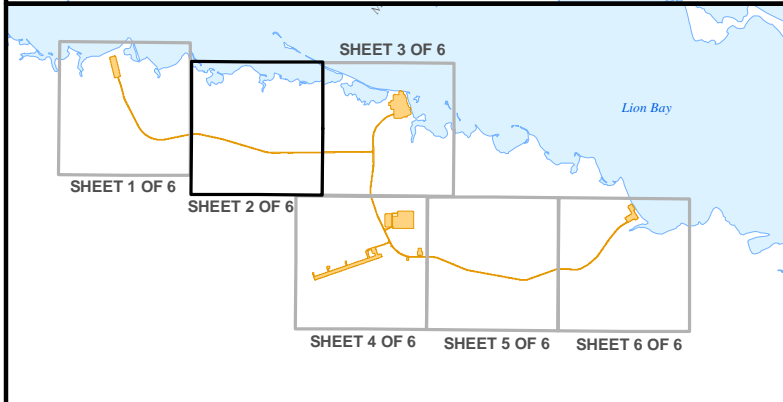
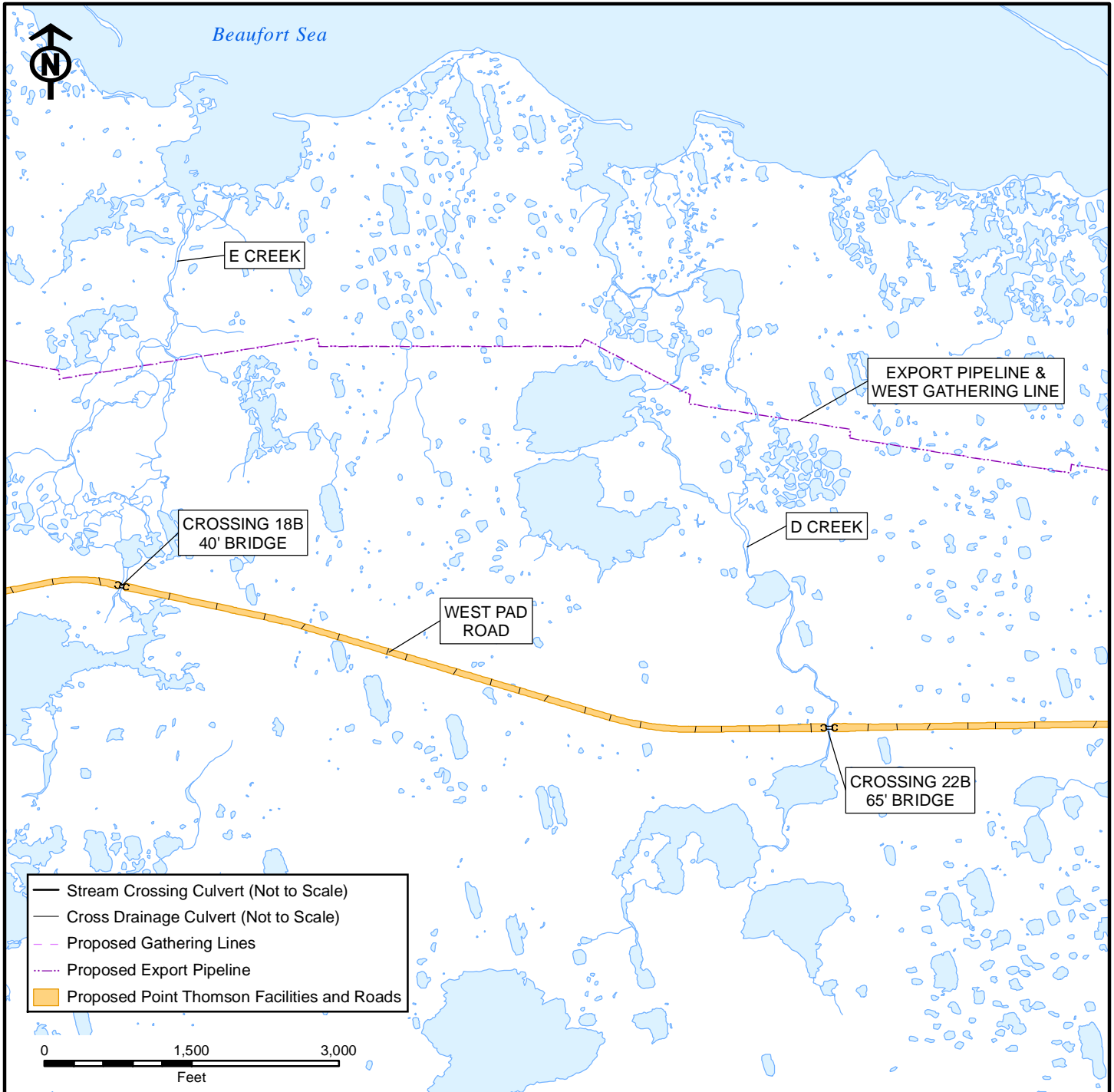
**42 - TYPICAL PIPELINE ROAD CROSSING  
 BADAMI MINE SITE ACCESS ROAD**

APPLICANT: EXXON MOBIL CORPORATION &  
 PTE PIPELINE LLC.  
 PROJECT: POINT THOMSON PROJECT  
 LOCATION: NORTH SLOPE BOROUGH, ALASKA  
 REFERENCE: POA-2001-1082-M1  
 WATERBODY: BEAUFORT SEA  
 DATE: MARCH 2012



### 43 - GRAVEL ROAD AND DRAINAGE STRUCTURES SHEET 1 OF 6

APPLICANT: EXXON MOBIL CORPORATION & PTE PIPELINE LLC.  
 PROJECT: POINT THOMSON PROJECT  
 LOCATION: NORTH SLOPE BOROUGH, ALASKA  
 REFERENCE: POA-2001-1082-M1  
 WATERBODY: BEAUFORT SEA  
 DATE: MARCH 2012



<b>44 - GRAVEL ROAD AND DRAINAGE STRUCTURES SHEET 2 OF 6</b>	
APPLICANT:	EXXON MOBIL CORPORATION & PTE PIPELINE LLC.
PROJECT:	POINT THOMSON PROJECT
LOCATION:	NORTH SLOPE BOROUGH, ALASKA
REFERENCE:	POA-2001-1082-M1
WATERBODY:	BEAUFORT SEA
DATE:	MARCH 2012



Lion Bay

CENTRAL PAD

EXPORT PIPELINE & WEST GATHERING LINE

EXPORT PIPELINE & WEST & EAST GATHERING LINES

C CREEK

ELECTRICAL TRENCHING

CROSSING 22A  
65' BRIDGE

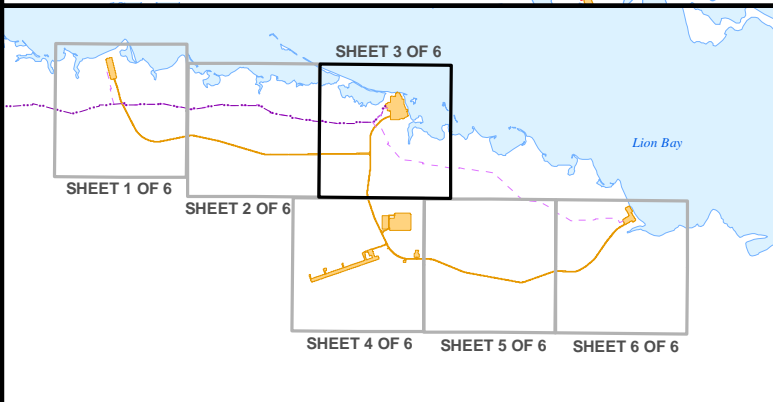
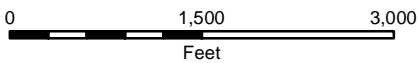
WEST PAD ROAD

ELECTRICAL TRENCHING

CENTRAL PAD ROAD

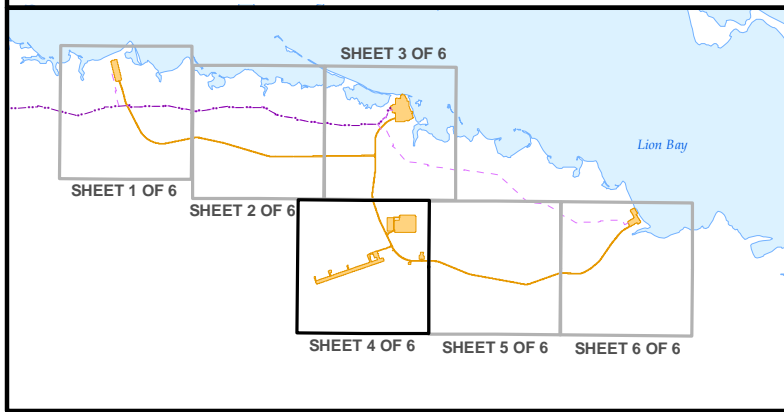
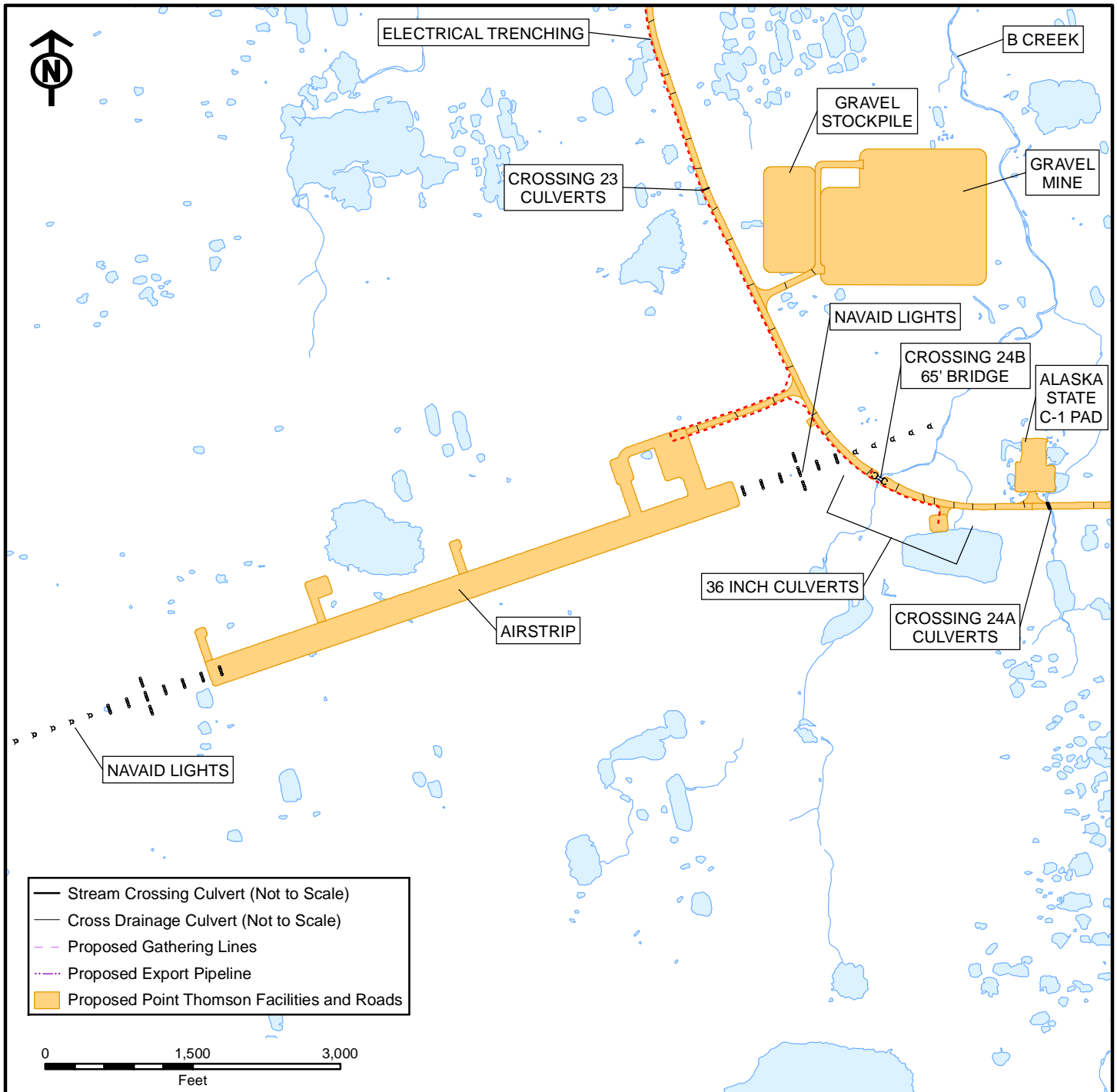
EAST GATHERING LINE

- Stream Crossing Culvert (Not to Scale)
- Cross Drainage Culvert (Not to Scale)
- - - Proposed Gathering Lines
- - - Proposed Export Pipeline
- Proposed Point Thomson Facilities and Roads



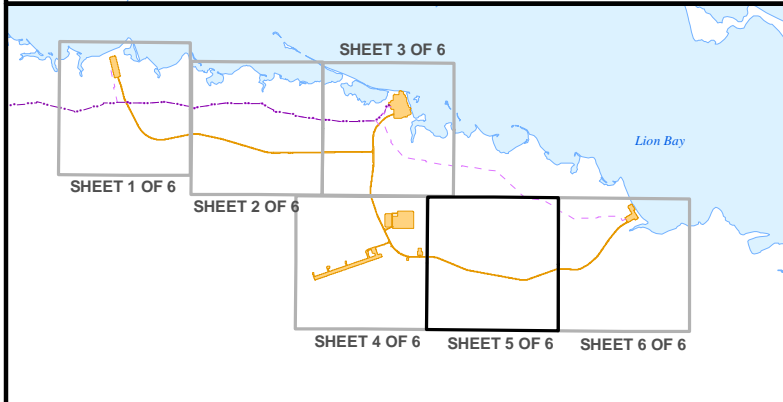
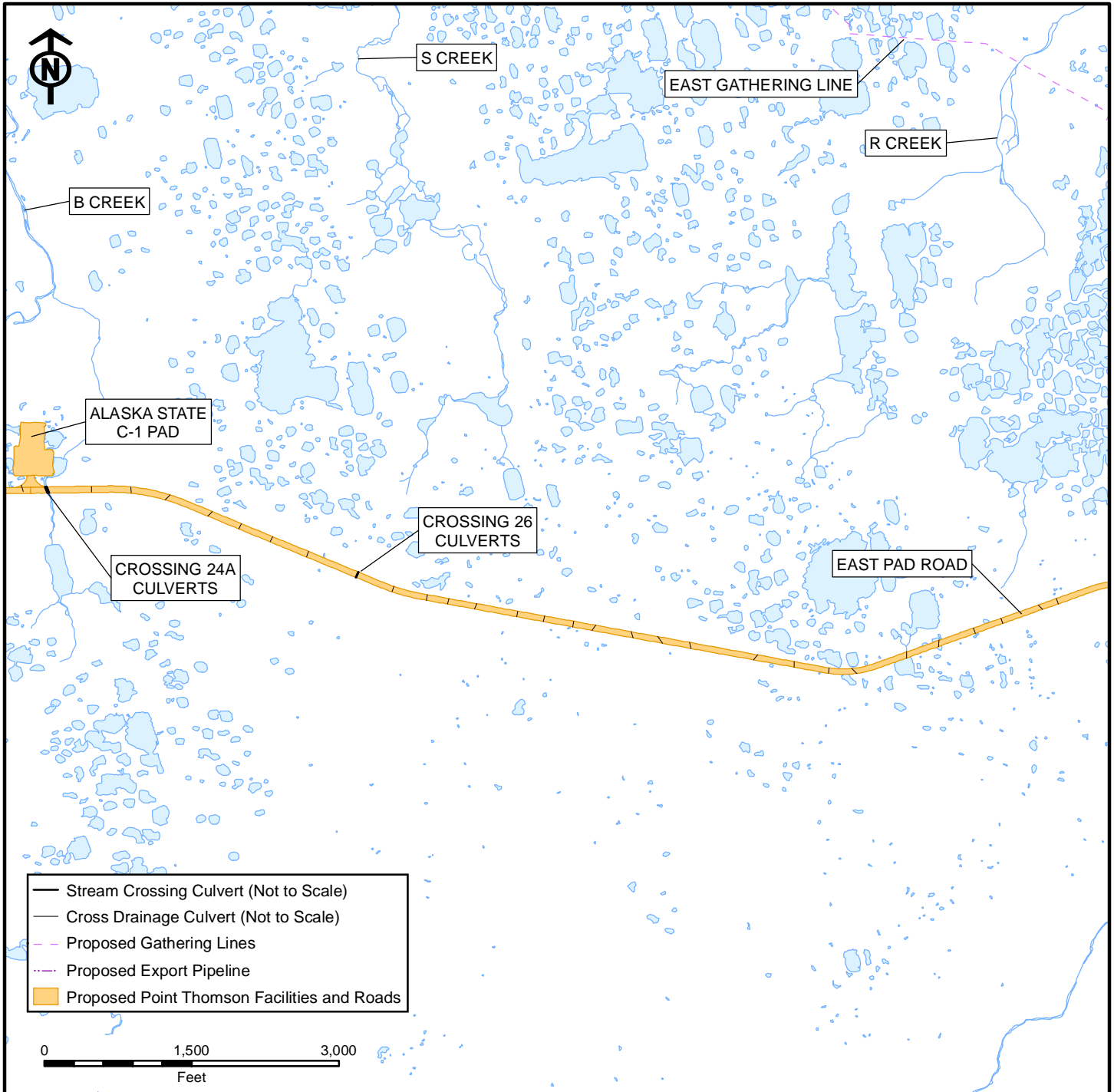
### 45 - GRAVEL ROAD AND DRAINAGE STRUCTURES SHEET 3 OF 6

APPLICANT: EXXON MOBIL CORPORATION & PTE PIPELINE LLC.  
 PROJECT: POINT THOMSON PROJECT  
 LOCATION: NORTH SLOPE BOROUGH, ALASKA  
 REFERENCE: POA-2001-1082-M1  
 WATERBODY: BEAUFORT SEA  
 DATE: MARCH 2012



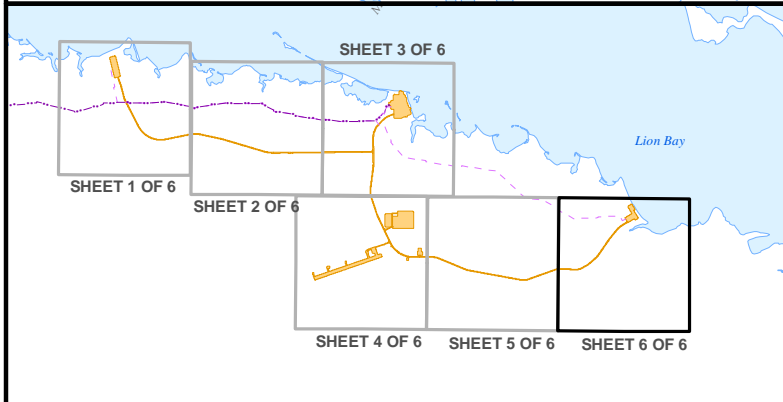
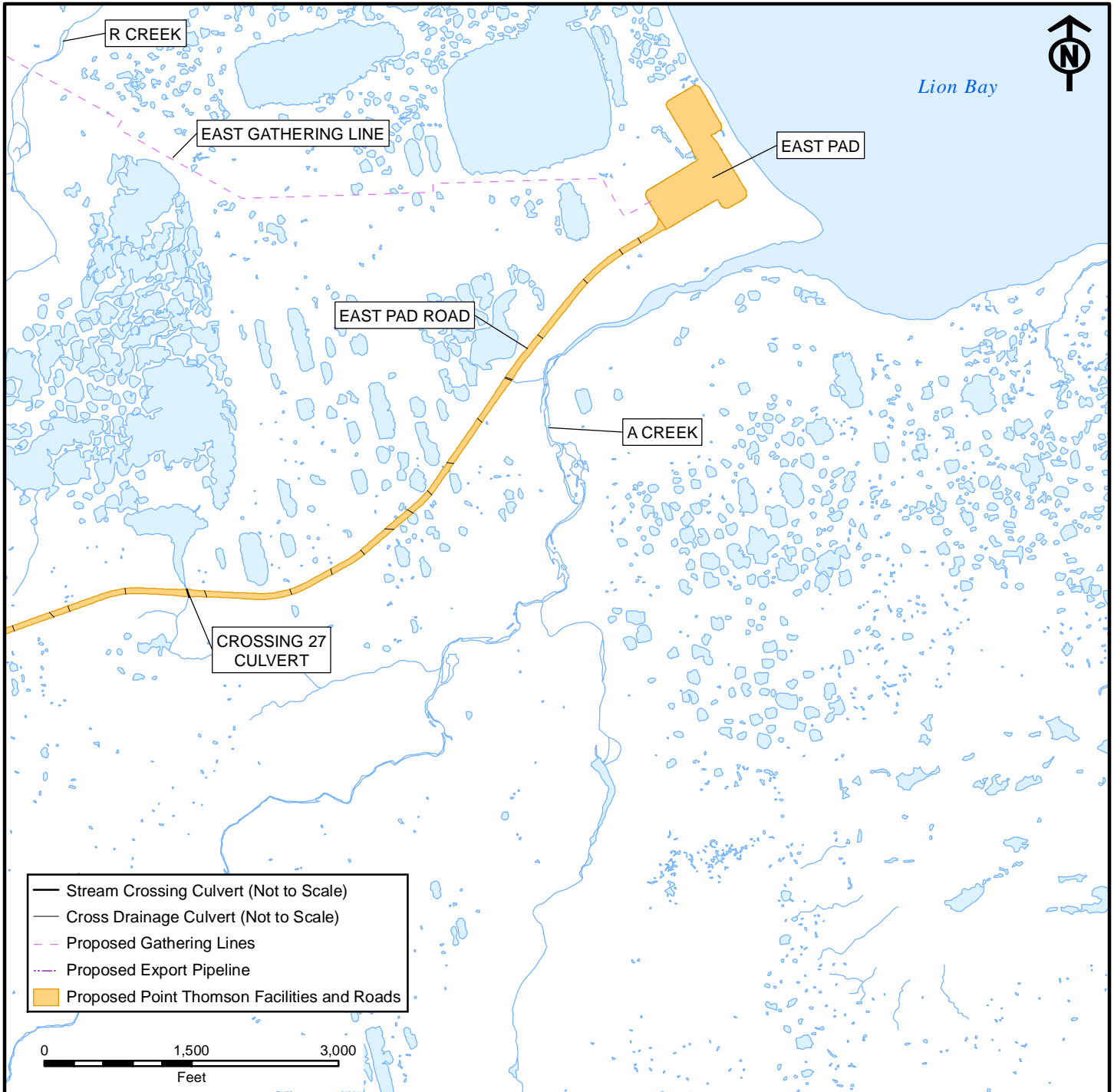
**46 - GRAVEL ROAD AND DRAINAGE STRUCTURES SHEET 4 OF 6**

APPLICANT: EXXON MOBIL CORPORATION & PTE PIPELINE LLC.  
PROJECT: POINT THOMSON PROJECT  
LOCATION: NORTH SLOPE BOROUGH, ALASKA  
REFERENCE: POA-2001-1082-M1  
WATERBODY: BEAUFORT SEA  
DATE: MARCH 2012



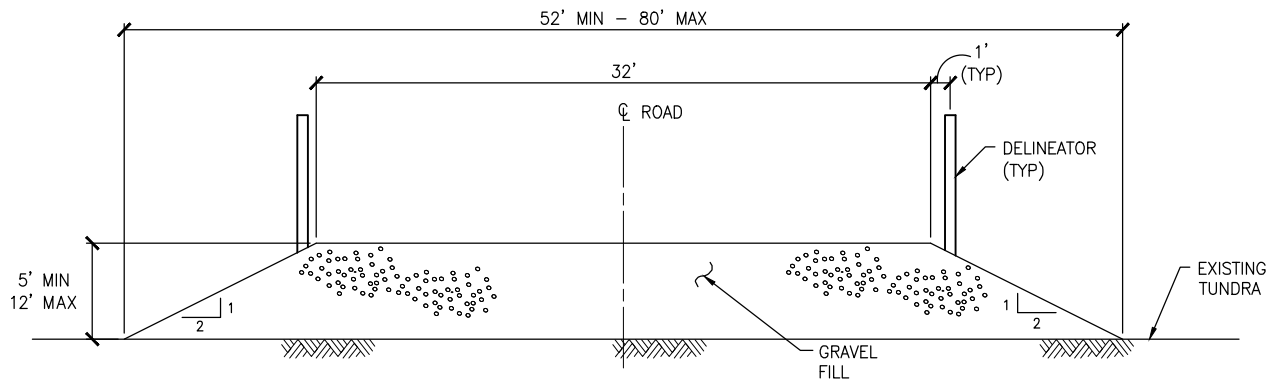
## 47 - GRAVEL ROAD AND DRAINAGE STRUCTURES SHEET 5 OF 6

APPLICANT: EXXON MOBIL CORPORATION & PTE PIPELINE LLC.  
 PROJECT: POINT THOMSON PROJECT  
 LOCATION: NORTH SLOPE BOROUGH, ALASKA  
 REFERENCE: POA-2001-1082-M1  
 WATERBODY: BEAUFORT SEA  
 DATE: MARCH 2012



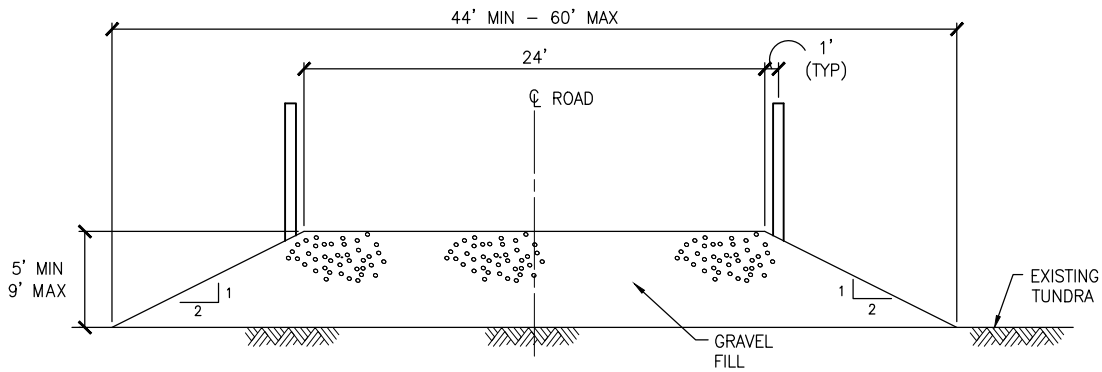
**48 - GRAVEL ROAD AND DRAINAGE STRUCTURES SHEET 6 OF 6**

APPLICANT: EXXON MOBIL CORPORATION & PTE PIPELINE LLC.  
 PROJECT: POINT THOMSON PROJECT  
 LOCATION: NORTH SLOPE BOROUGH, ALASKA  
 REFERENCE: POA-2001-1082-M1  
 WATERBODY: BEAUFORT SEA  
 DATE: MARCH 2012



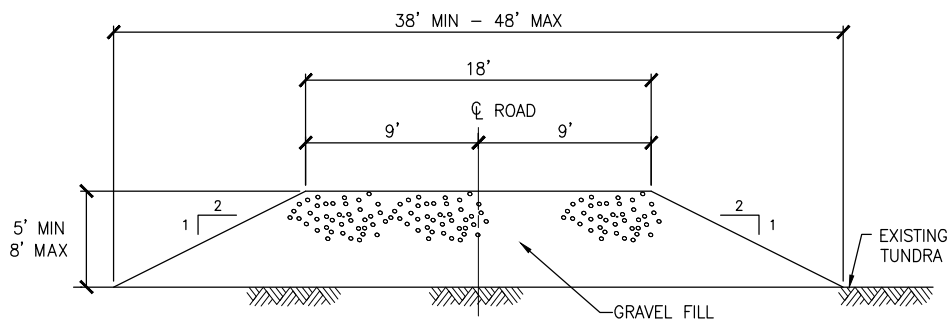
### PRIMARY ACCESS ROAD TYPICAL SECTION

NOT TO SCALE (TYPICAL DRILL PADS, C1 PAD, GRAVEL STOCKPILE ACCESS, BADAMI, AND AIRSTRIP ACCESS)



### SECONDARY ACCESS / MAINTENANCE ROAD TYPICAL SECTION

NOT TO SCALE (TYPICAL WATER ACCESS)



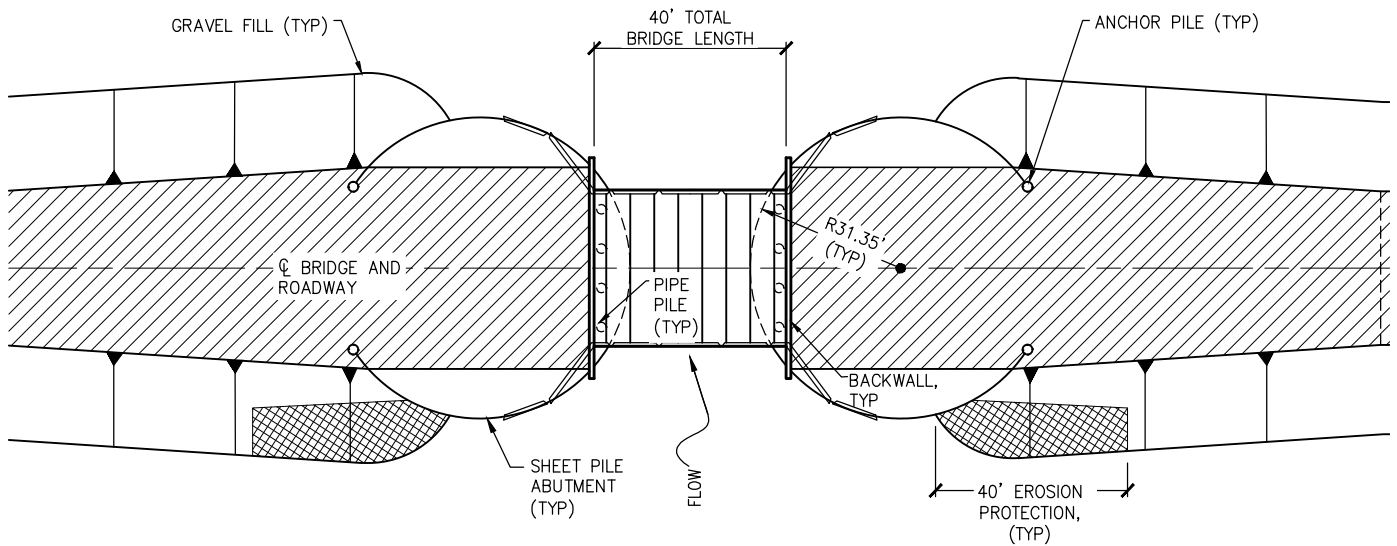
### NAVAID ACCESS ROAD TYPICAL SECTION

NOT TO SCALE

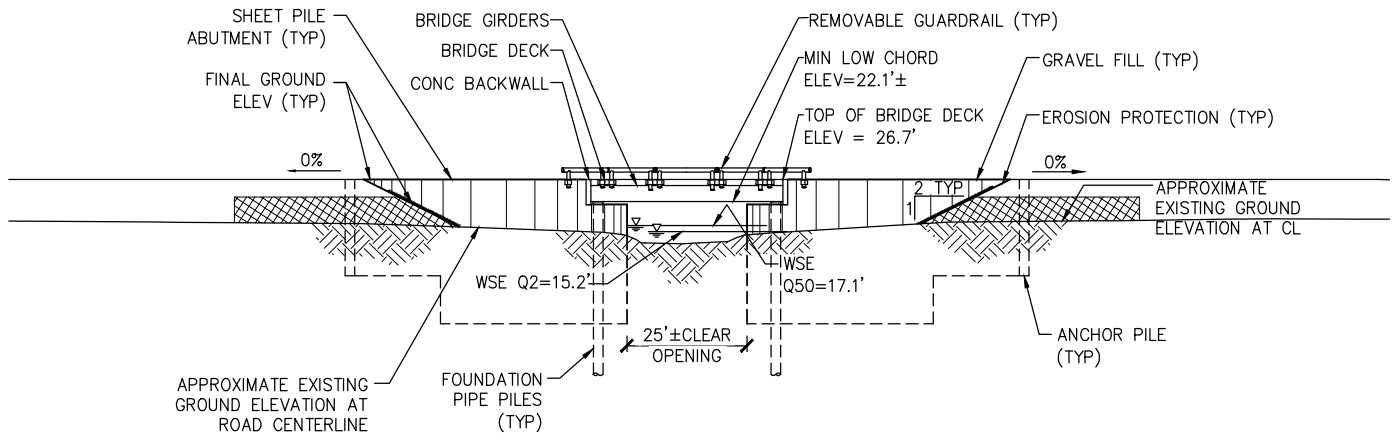
## 49 - TYPICAL ACCESS ROAD SECTIONS

APPLICANT: EXXON MOBIL CORPORATION & PTE PIPELINE LLC.  
 PROJECT: POINT THOMSON PROJECT  
 LOCATION: NORTH SLOPE BOROUGH, ALASKA  
 REFERENCE: POA-2001-1082-M1  
 WATERBODY: BEAUFORT SEA  
 DATE: MARCH 2012

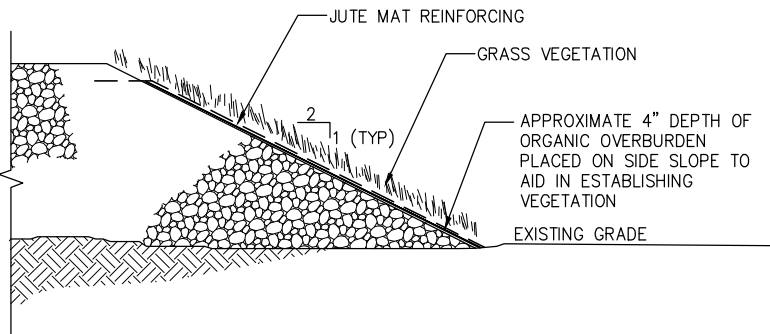




**BRIDGE PLAN**  
NOT TO SCALE



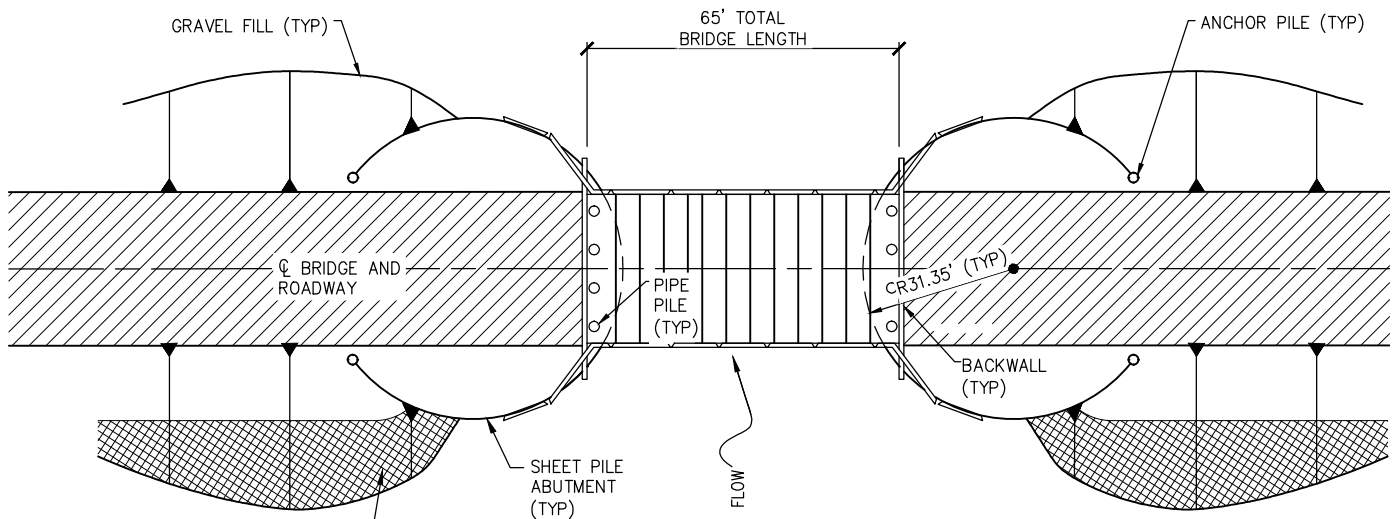
**BRIDGE ELEVATION**  
NOT TO SCALE



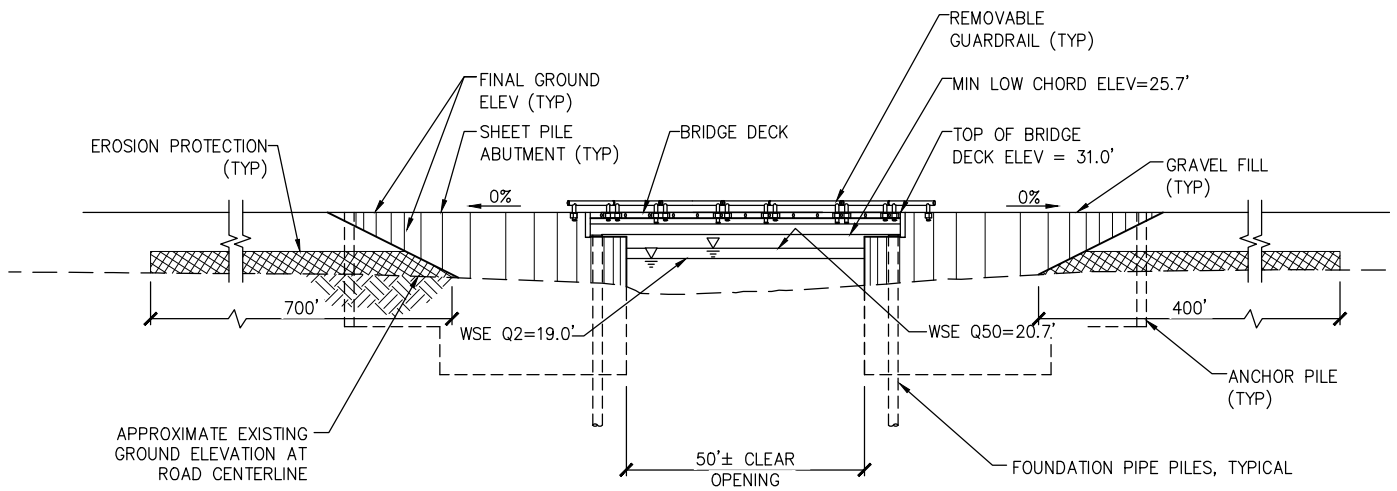
**TYPICAL EROSION PROTECTION SECTION**  
NOT TO SCALE

**50 - STREAM 18B BRIDGE  
PLAN AND ELEVATION**

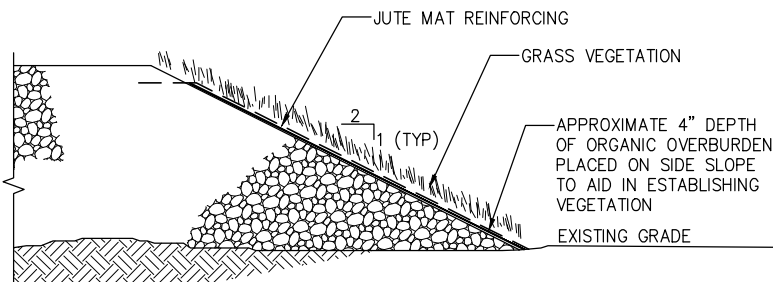
APPLICANT: EXXON MOBIL CORPORATION & PTE PIPELINE LLC.  
 PROJECT: POINT THOMSON PROJECT  
 LOCATION: NORTH SLOPE BOROUGH, ALASKA  
 REFERENCE: POA-2001-1082-M1  
 WATERBODY: BEAUFORT SEA  
 DATE: MARCH 2012



**BRIDGE PLAN**  
NOT TO SCALE



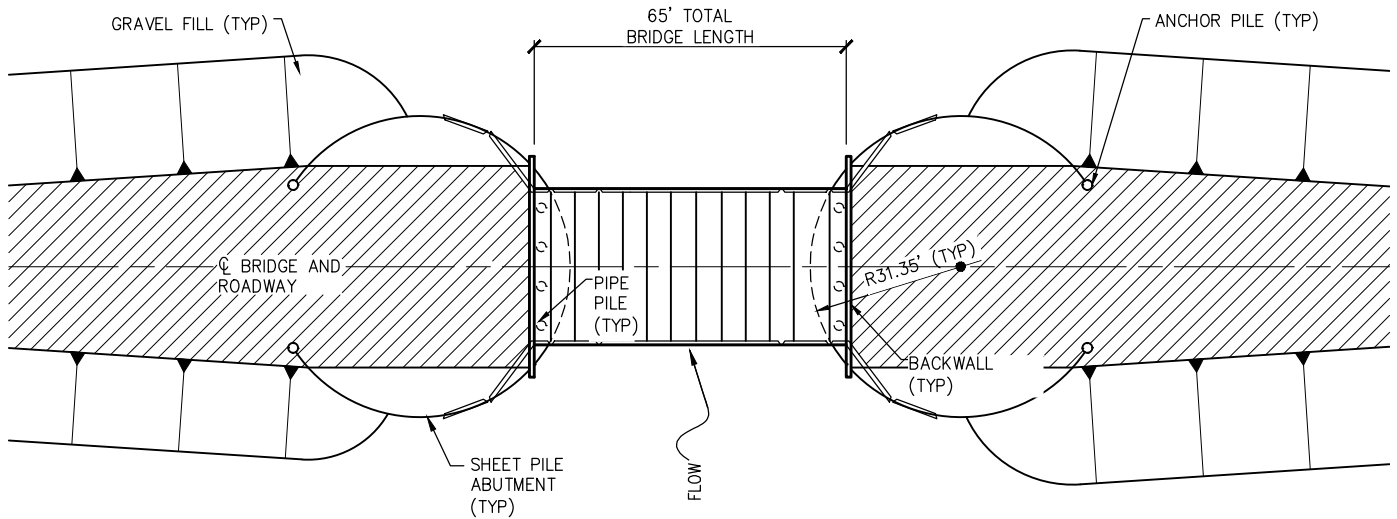
**BRIDGE ELEVATION**  
NOT TO SCALE



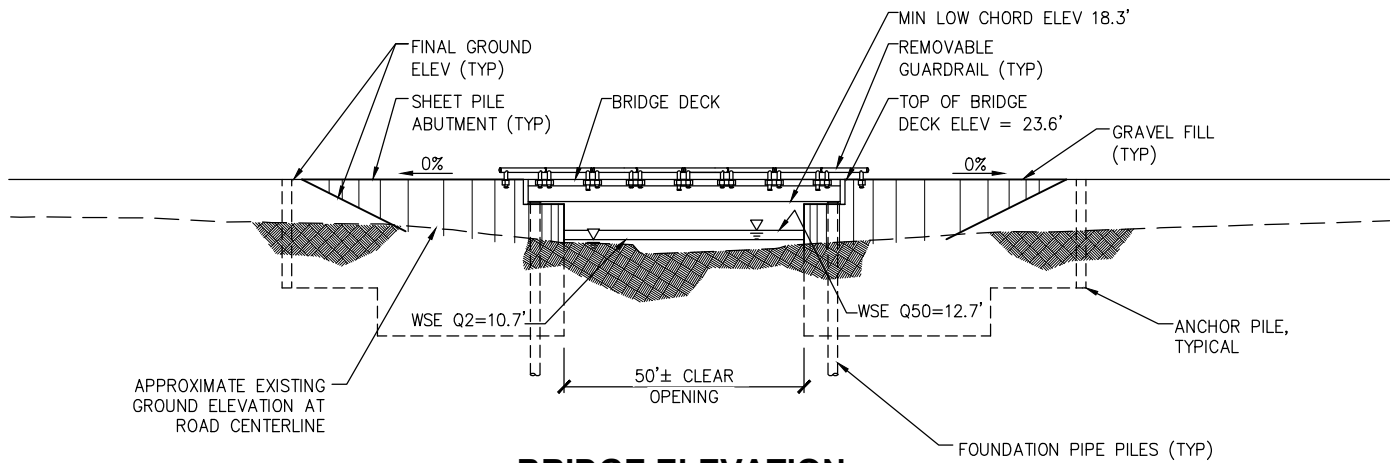
**TYPICAL EROSION PROTECTION SECTION**  
NOT TO SCALE

**51 - STREAM 22B BRIDGE  
PLAN AND ELEVATION**

APPLICANT: EXXON MOBIL CORPORATION & PTE PIPELINE LLC.  
 PROJECT: POINT THOMSON PROJECT  
 LOCATION: NORTH SLOPE BOROUGH, ALASKA  
 REFERENCE: POA-2001-1082-M1  
 WATERBODY: BEAUFORT SEA  
 DATE: MARCH 2012



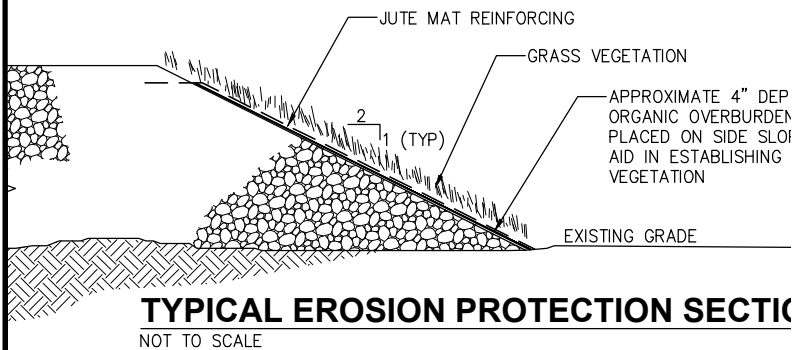
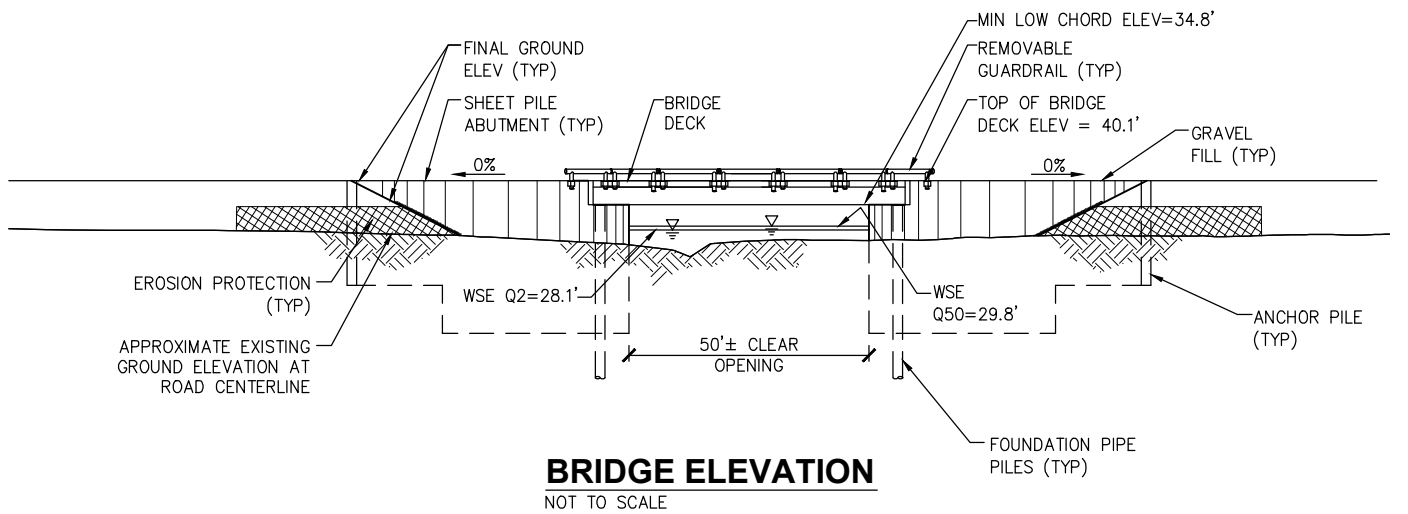
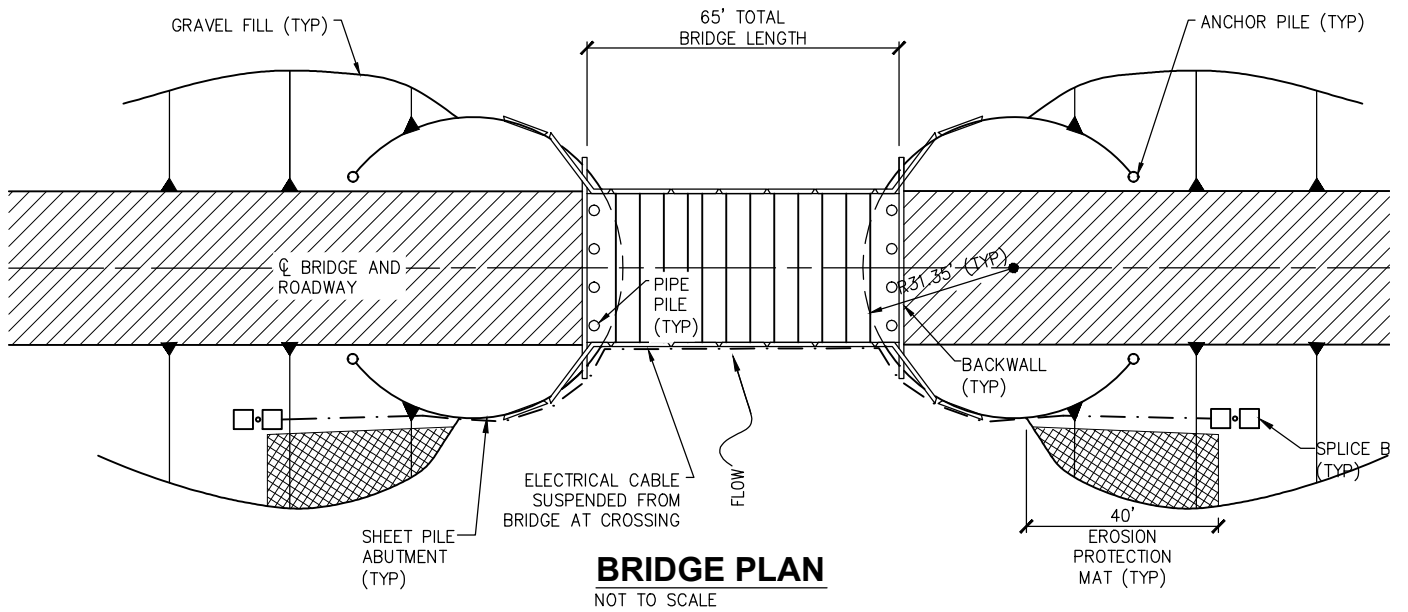
**BRIDGE PLAN**  
NOT TO SCALE



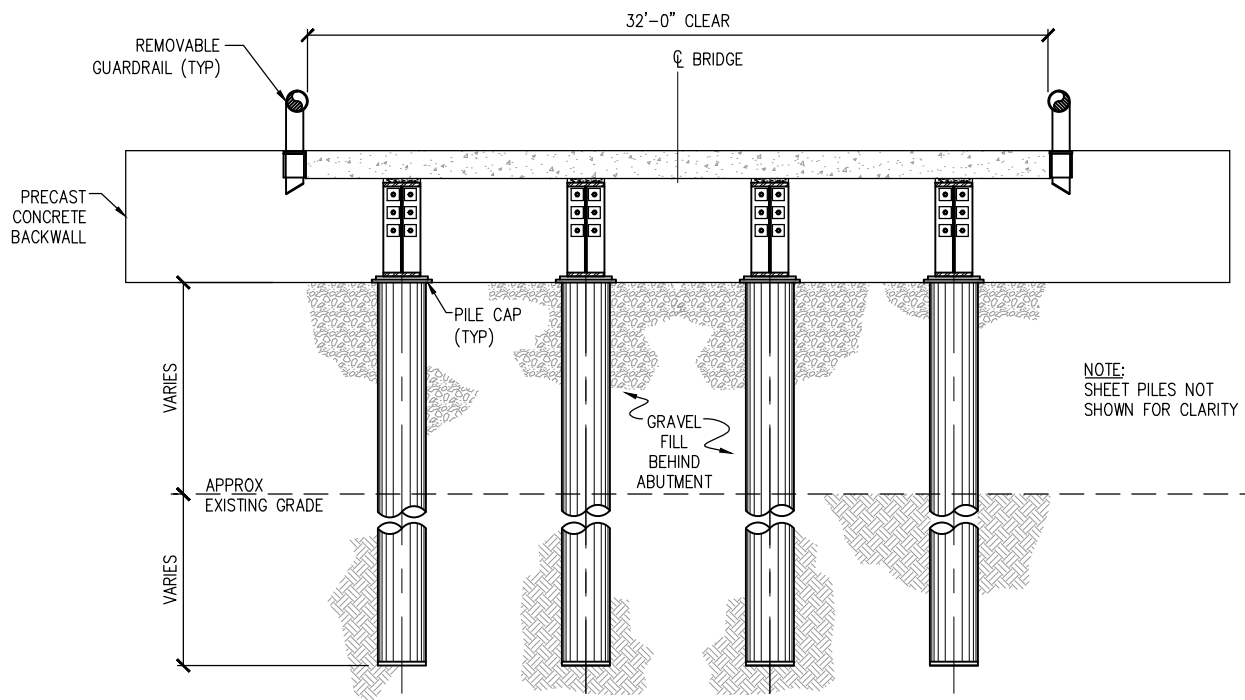
**BRIDGE ELEVATION**  
NOT TO SCALE

**52 - STREAM 22A BRIDGE  
PLAN AND ELEVATION**

APPLICANT: EXXON MOBIL CORPORATION & PTE PIPELINE LLC.  
 PROJECT: POINT THOMSON PROJECT  
 LOCATION: NORTH SLOPE BOROUGH, ALASKA  
 REFERENCE: POA-2001-1082-M1  
 WATERBODY: BEAUFORT SEA  
 DATE: MARCH 2012



<b>53 - STREAM 24B BRIDGE PLAN AND ELEVATION</b>	
APPLICANT:	EXXON MOBIL CORPORATION & PTE PIPELINE LLC.
PROJECT:	POINT THOMSON PROJECT
LOCATION:	NORTH SLOPE BOROUGH, ALASKA
REFERENCE:	POA-2001-1082-M1
WATERBODY:	BEAUFORT SEA
DATE:	MARCH 2012



### TYPICAL SECTION AT ABUTMENT

NOT TO SCALE

### 54 - TYPICAL BRIDGE PIER ELEVATION

APPLICANT: EXXON MOBIL CORPORATION & PTE PIPELINE LLC.

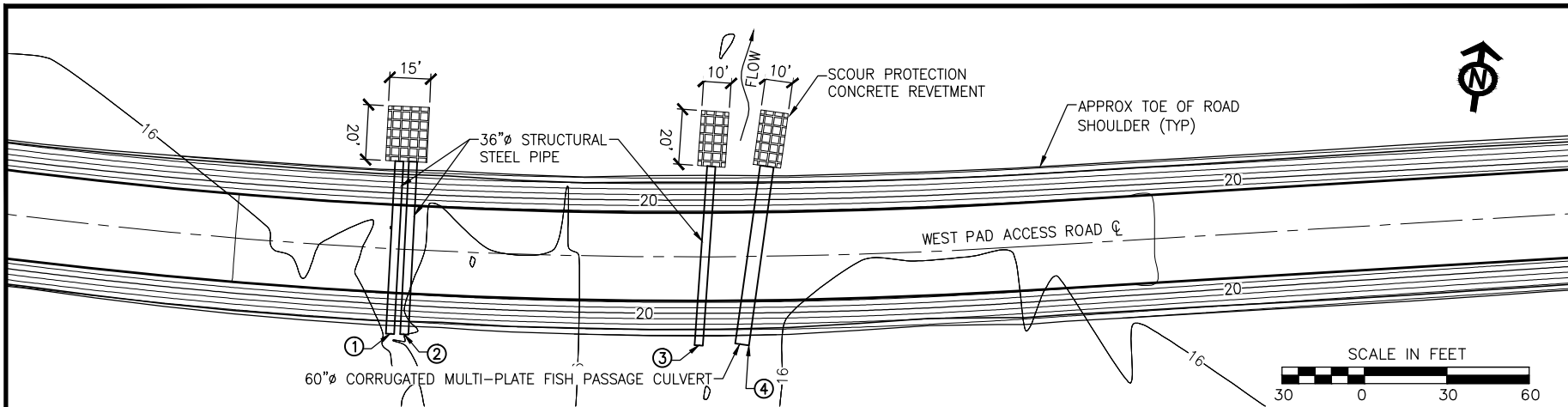
PROJECT: POINT THOMSON PROJECT

LOCATION: NORTH SLOPE BOROUGH, ALASKA

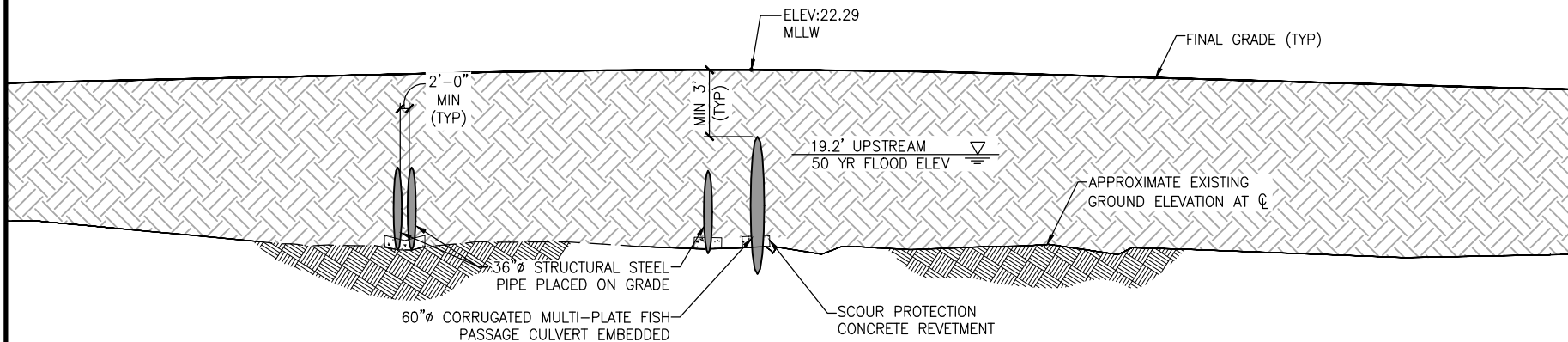
REFERENCE: POA-2001-1082-M1

WATERBODY: BEAUFORT SEA

DATE: MARCH 2012

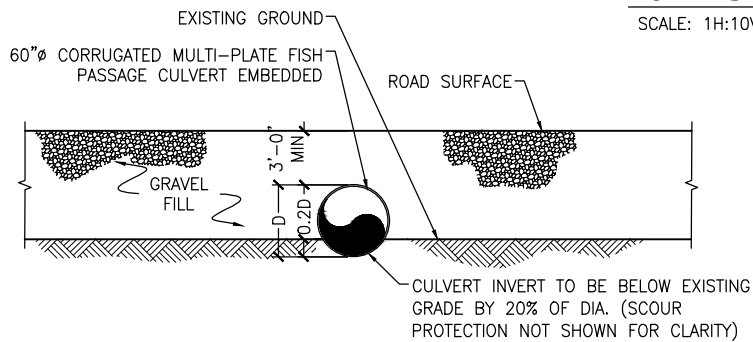


**18A CULVERT CROSSING PLAN**



**18A CULVERT CROSSING PROFILE**

SCALE: 1H:10V



**EMBEDDED MULTI-PLATE CULVERT DETAIL**

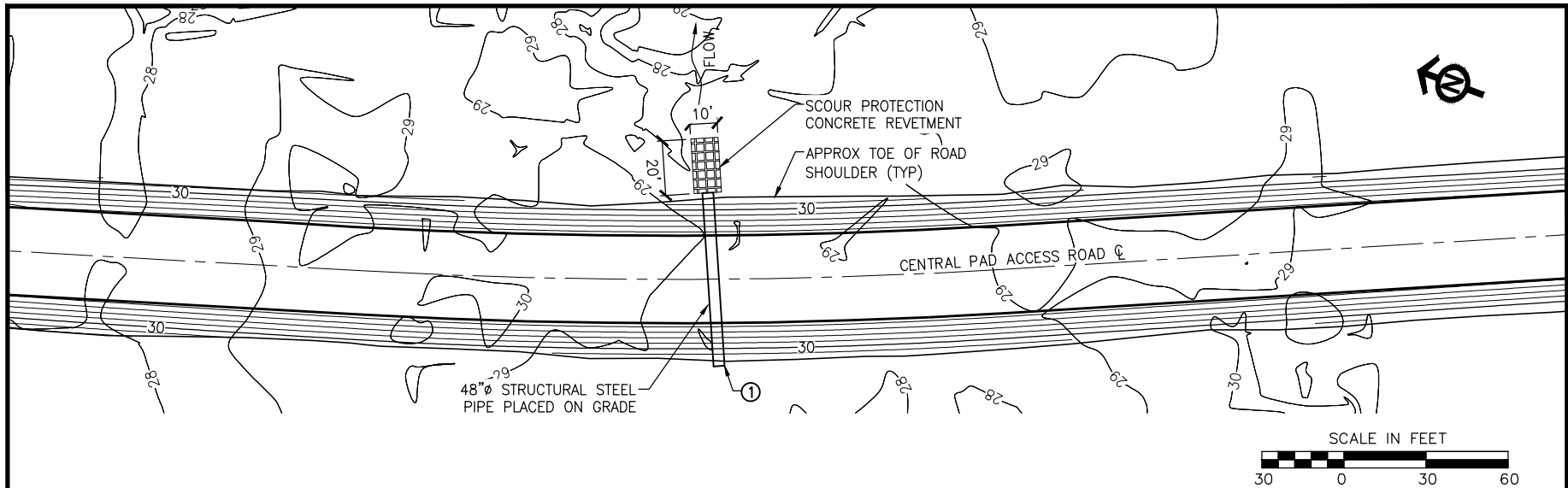
NOT TO SCALE

PIPE	DIAMETER (IN)	LENGTH (FT)
1	36	66
2	36	66
3	36	66
4	60	66

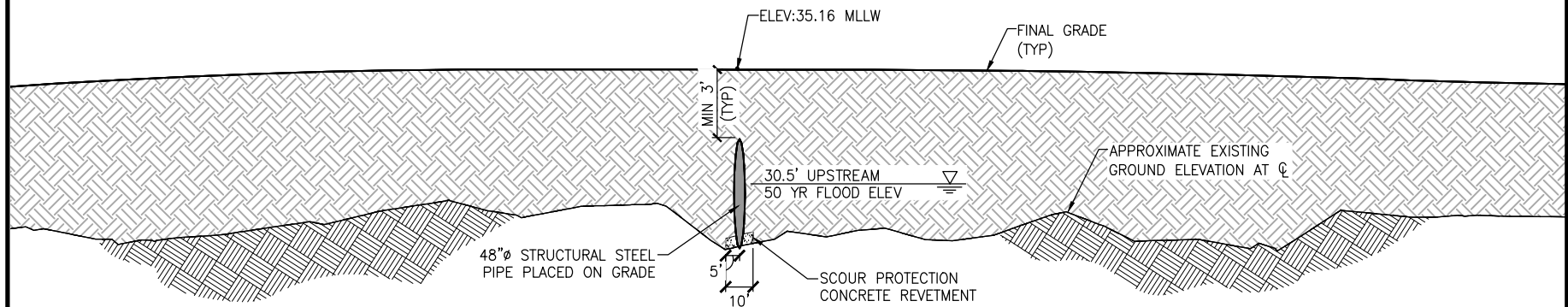
SCOUR PROTECTION FOOTPRINT = 990 S.F.

**55 - STREAM 18A CULVERT  
PLAN & PROFILE**

APPLICANT: EXXON MOBIL CORPORATION & PTE PIPELINE LLC.  
 PROJECT: POINT THOMSON PROJECT  
 LOCATION: NORTH SLOPE BOROUGH, ALASKA  
 REFERENCE: POA-2001-1082-M1  
 WATERBODY: BEAUFORT SEA  
 DATE: MARCH 2012



**23 CULVERT CROSSING PLAN**



**23 CULVERT CROSSING PROFILE**

SCALE: 1H:10V

PIPE	DIAMETER (IN)	LENGTH (FT)
1	48	65

SCOUR PROTECTION FOOTPRINT = 330 S.F.

**56 - STREAM 23 CULVERT PLAN & PROFILE**

APPLICANT: EXXON MOBIL CORPORATION & PTE PIPELINE LLC.

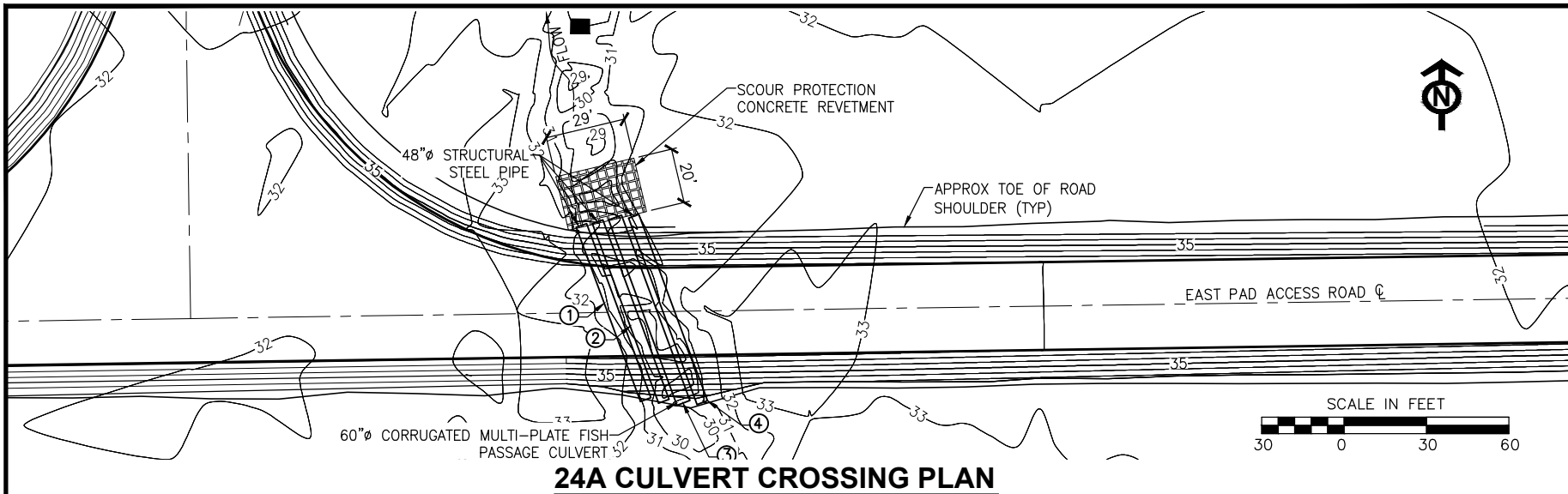
PROJECT: POINT THOMSON PROJECT

LOCATION: NORTH SLOPE BOROUGH, ALASKA

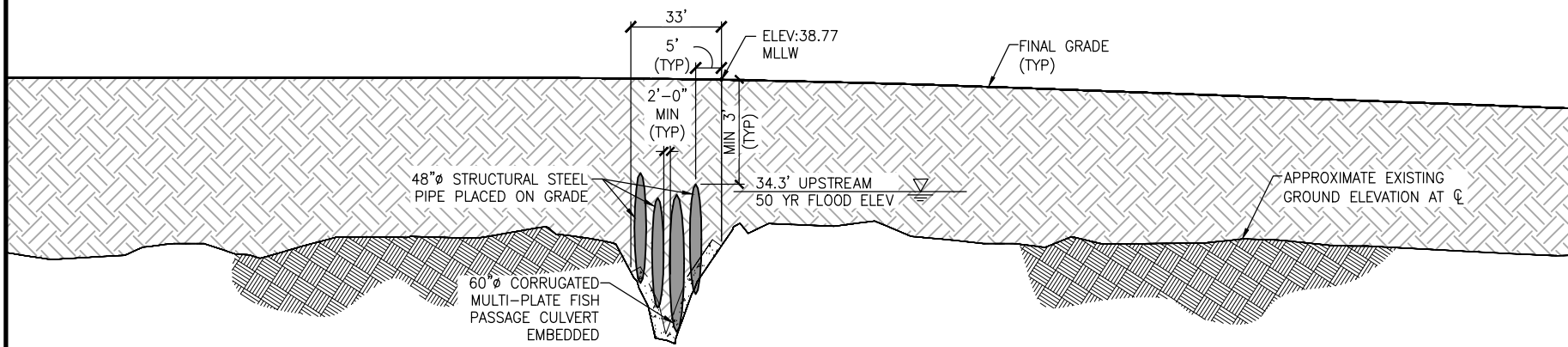
REFERENCE: POA-2001-1082-M1

WATERBODY: BEAUFORT SEA

DATE: MARCH 2012

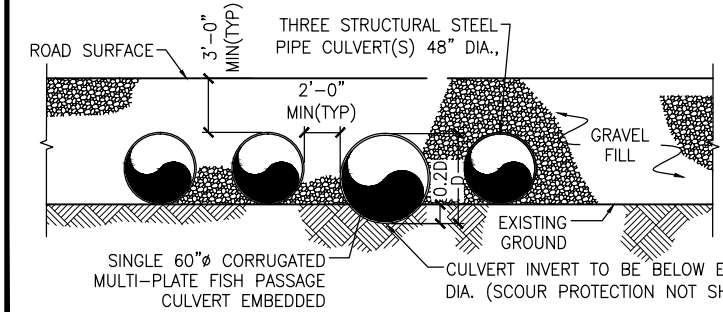


**24A CULVERT CROSSING PLAN**



**24A CULVERT CROSSING PROFILE**

SCALE: 1H:10V



PIPE	DIAMETER (IN)	LENGTH (FT)
1	48	73
2	48	73
3	60	73
4	48	73

SCOUR PROTECTION FOOTPRINT = 640 S.F.

**57 - STREAM 24A CULVERT PLAN & PROFILE**

APPLICANT: EXXON MOBIL CORPORATION & PTE PIPELINE LLC.

PROJECT: POINT THOMSON PROJECT

LOCATION: NORTH SLOPE BOROUGH, ALASKA

REFERENCE: POA-2001-1082-M1

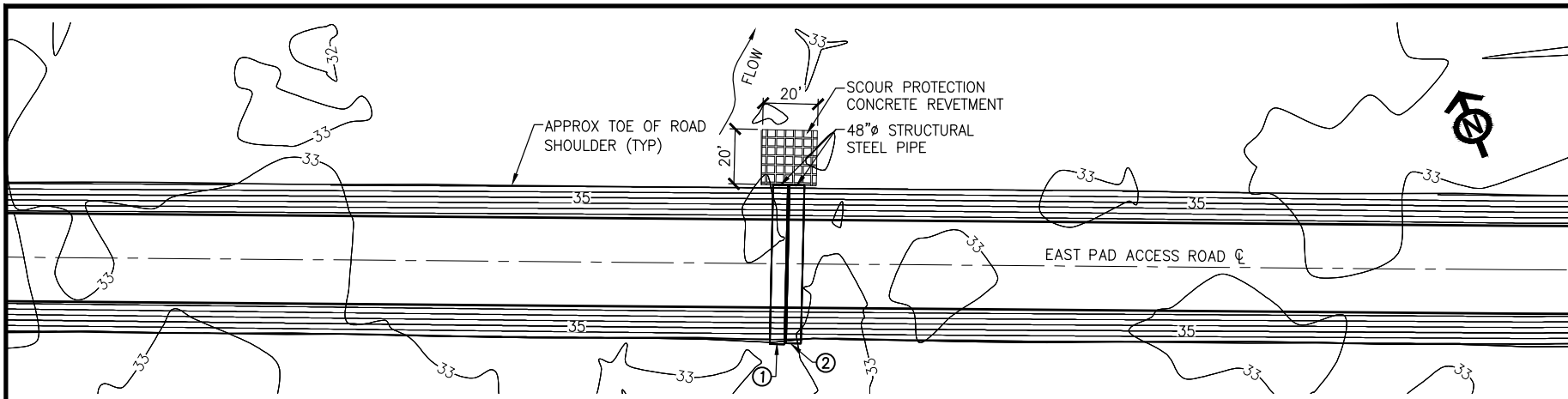
WATERBODY: BEAUFORT SEA

DATE: MARCH 2012

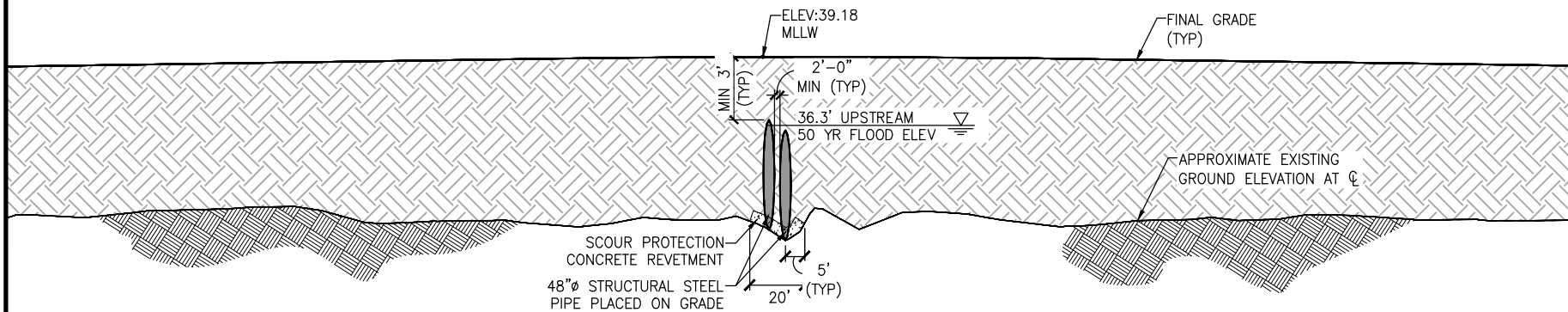
**EMBEDDED MULTI-PLATE CULVERT BATTERY DETAIL**

NOT TO SCALE





**26 CULVERT CROSSING PLAN**



**26 CULVERT CROSSING PROFILE**

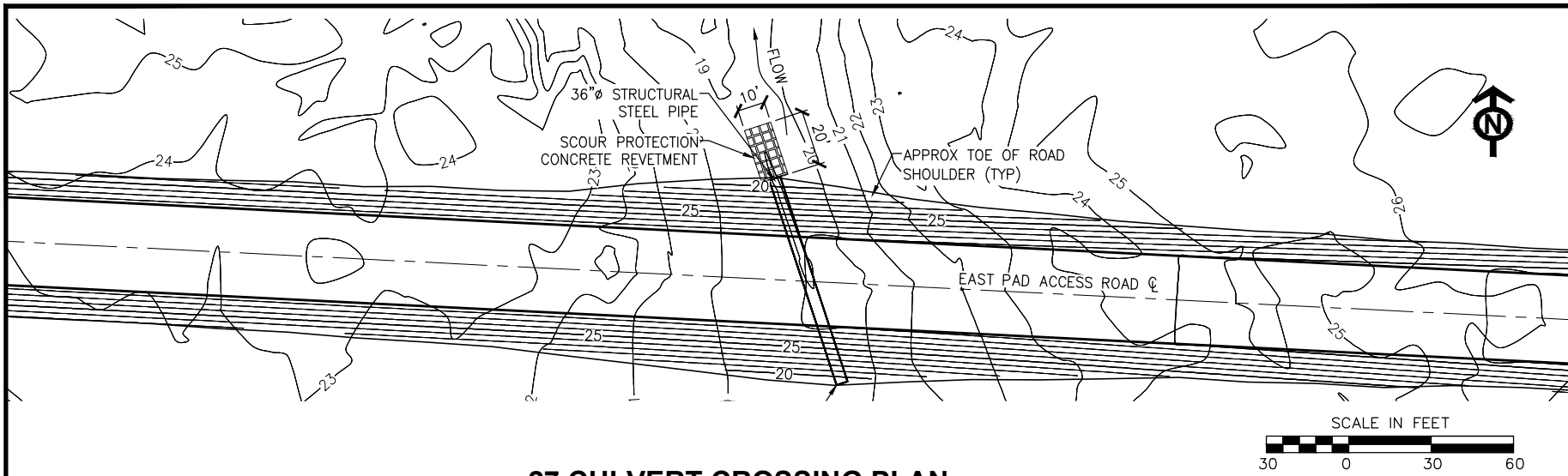
SCALE: 1H:10V

PIPE	DIAMETER (IN)	LENGTH (FT)
1	48	64
2	48	64

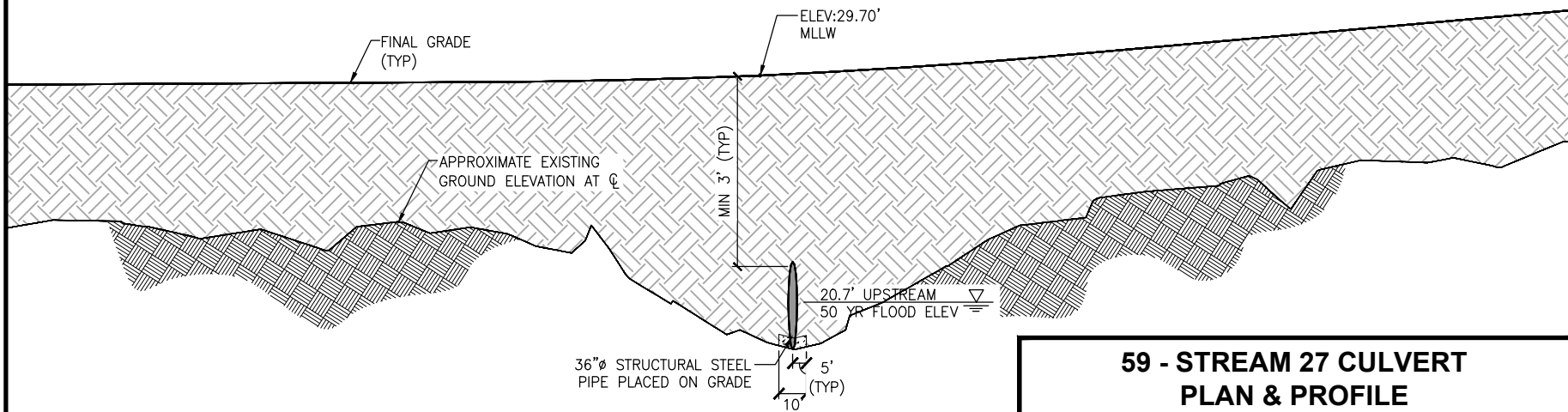
SCOUR PROTECTION FOOTPRINT = 360 S.F.

**58 - STREAM 26 CULVERT  
PLAN & PROFILE**

APPLICANT: EXXON MOBIL CORPORATION & PTE PIPELINE LLC.  
 PROJECT: POINT THOMSON PROJECT  
 LOCATION: NORTH SLOPE BOROUGH, ALASKA  
 REFERENCE: POA-2001-1082-M1  
 WATERBODY: BEAUFORT SEA  
 DATE: MARCH 2012



**27 CULVERT CROSSING PLAN**



**27 CULVERT CROSSING PROFILE**

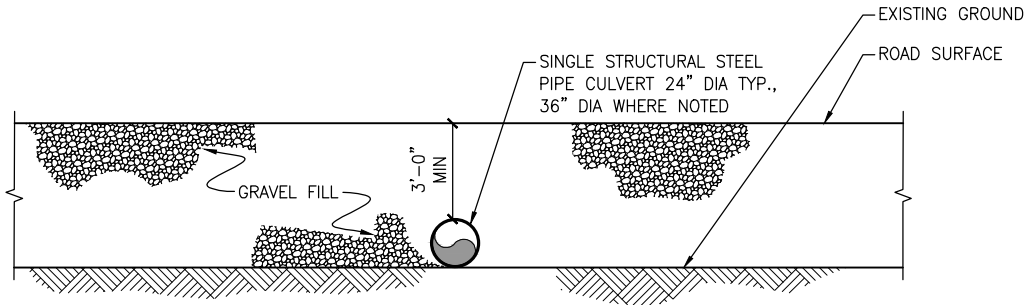
SCALE: 1H:10V

PIPE	DIAMETER (IN)	LENGTH (FT)
1	36	80

SCOUR PROTECTION FOOTPRINT = 220 S.F.

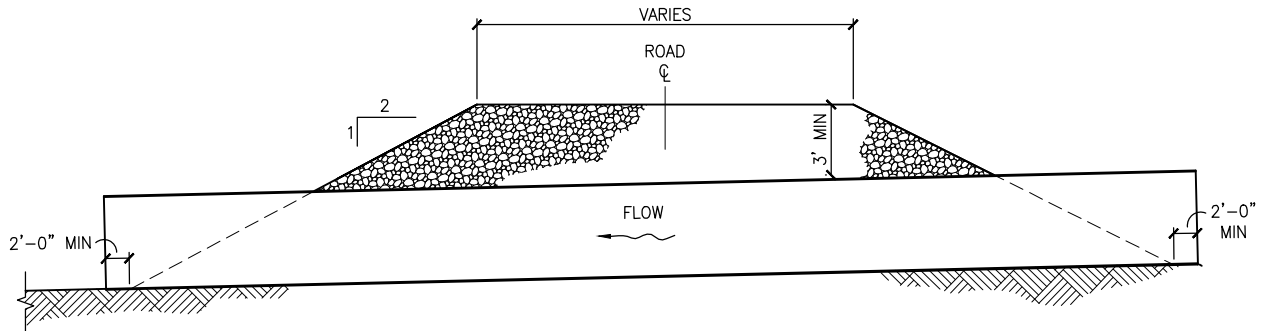
**59 - STREAM 27 CULVERT  
PLAN & PROFILE**

APPLICANT: EXXON MOBIL CORPORATION & PTE PIPELINE LLC.  
 PROJECT: POINT THOMSON PROJECT  
 LOCATION: NORTH SLOPE BOROUGH, ALASKA  
 REFERENCE: POA-2001-1082-M1  
 WATERBODY: BEAUFORT SEA  
 DATE: MARCH 2012



### CROSS DRAINAGE CULVERT ELEVATION

NOT TO SCALE



### CROSS DRAINAGE CULVERT SECTION

NOT TO SCALE

**NOTES:**

- 1) PLACE FILL AND CULVERT AS PART OF THE ROAD CONSTRUCTION
- 2) CULVERT LENGTHS RANGE FROM 60'MIN. TO 95'MAX.

### 60 - TYPICAL CROSS DRAINAGE CULVERT SECTIONS

APPLICANT: EXXON MOBIL CORPORATION & PTE PIPELINE LLC.

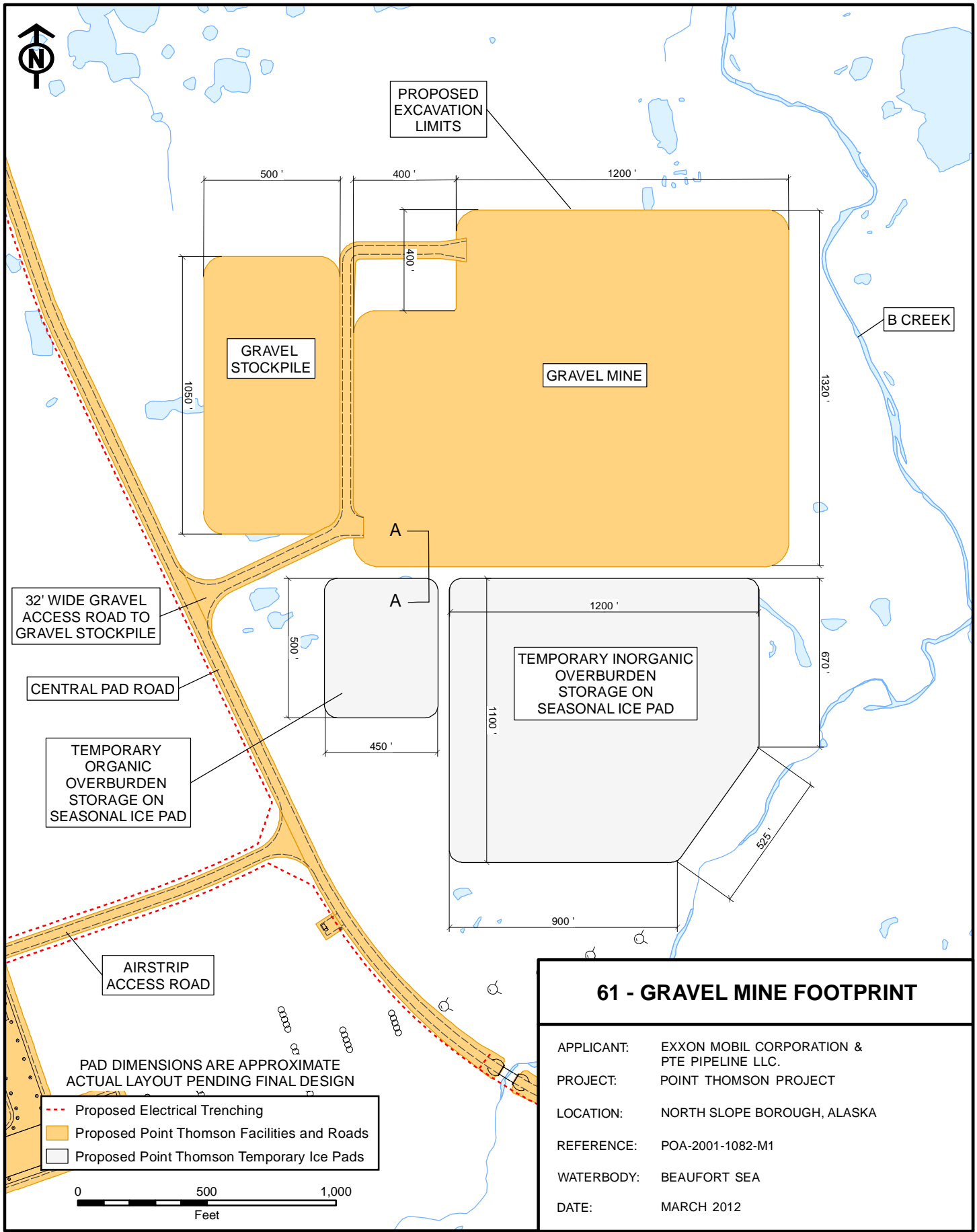
PROJECT: POINT THOMSON PROJECT

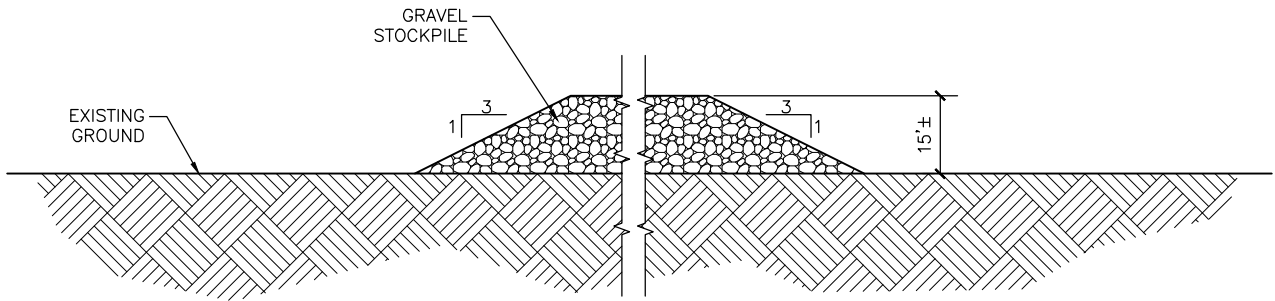
LOCATION: NORTH SLOPE BOROUGH, ALASKA

REFERENCE: POA-2001-1082-M1

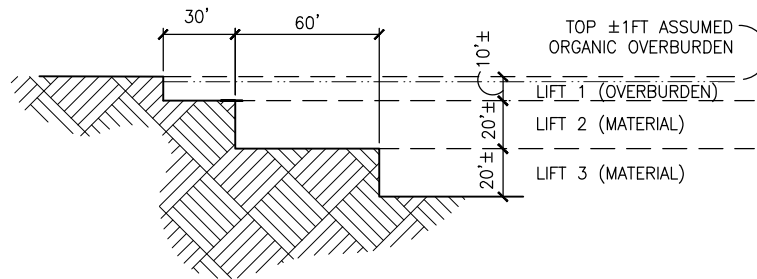
WATERBODY: BEAUFORT SEA

DATE: MARCH 2012





**GRAVEL STOCKPILE TYPICAL SECTION**  
NOT TO SCALE

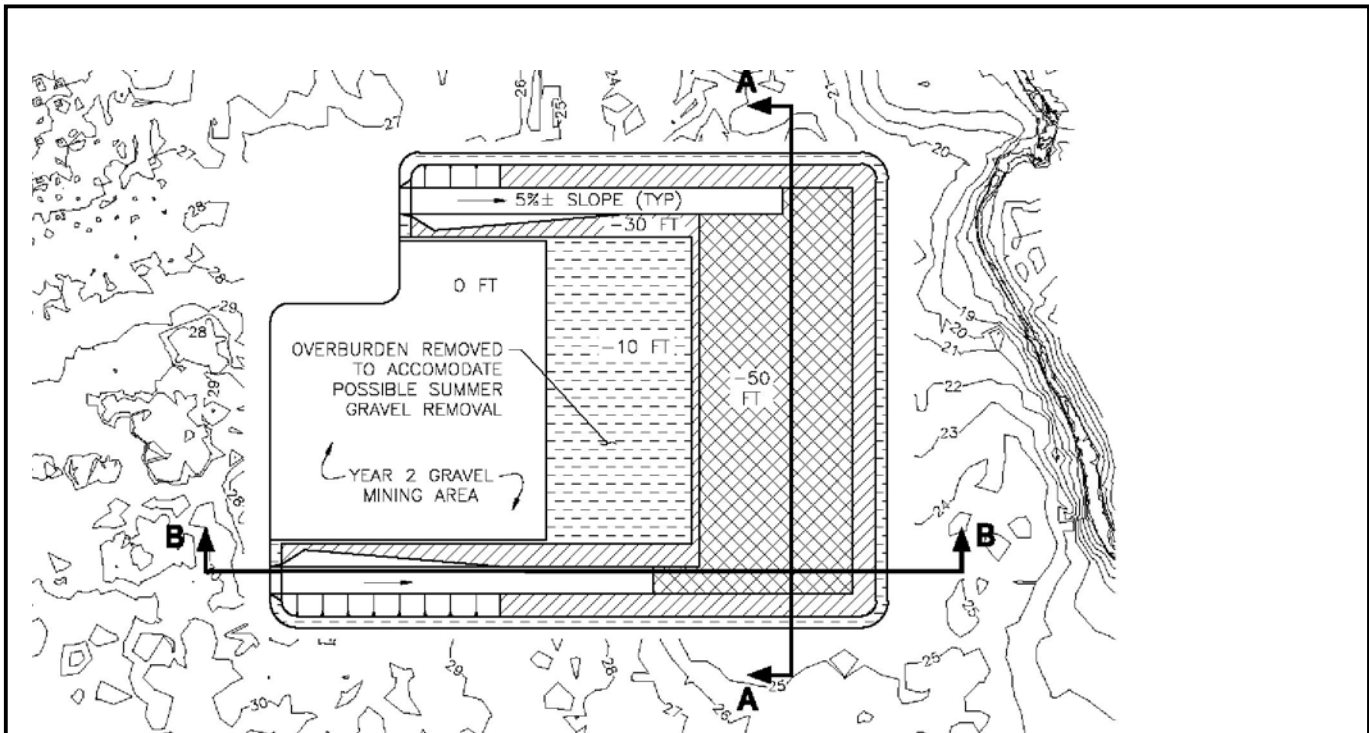


**EXCAVATION SECTION A-A**  
NOT TO SCALE

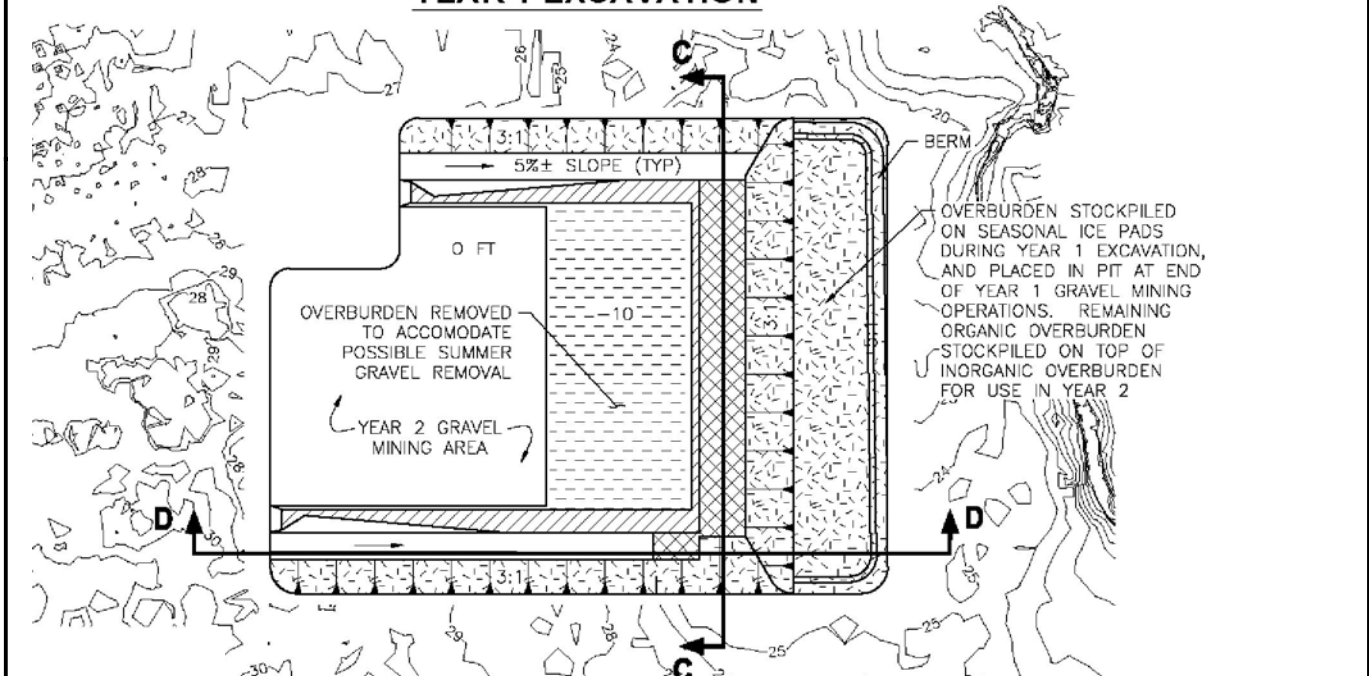
NOTE:  
ESTIMATED ORGANIC OVERBURDEN DEPTH IS ±1FT, ESTIMATED INORGANIC OVERBURDEN DEPTH IS ±9FT.

**62 - GRAVEL MINE SECTIONS**

APPLICANT: EXXON MOBIL CORPORATION &  
PTE PIPELINE LLC.  
PROJECT: POINT THOMSON PROJECT  
LOCATION: NORTH SLOPE BOROUGH, ALASKA  
REFERENCE: POA-2001-1082-M1  
WATERBODY: BEAUFORT SEA  
DATE: MARCH 2012

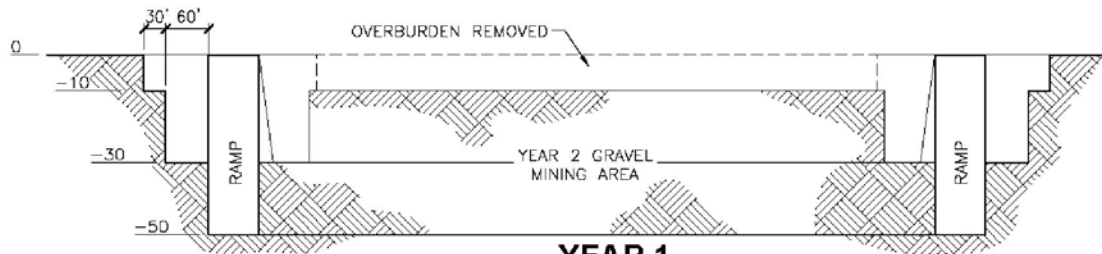


**YEAR 1 EXCAVATION**

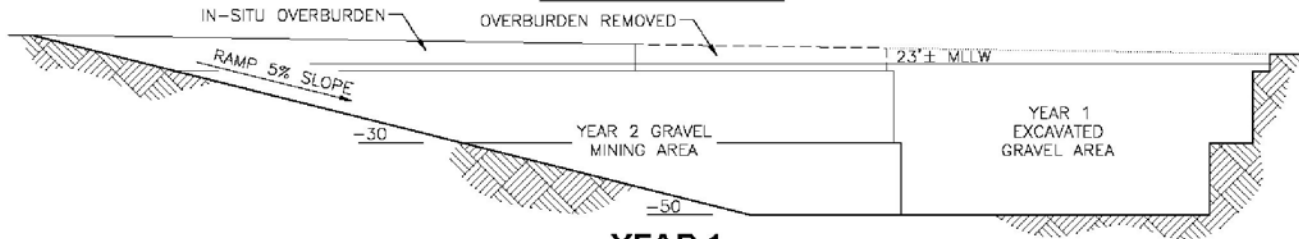


**END OF YEAR 1**

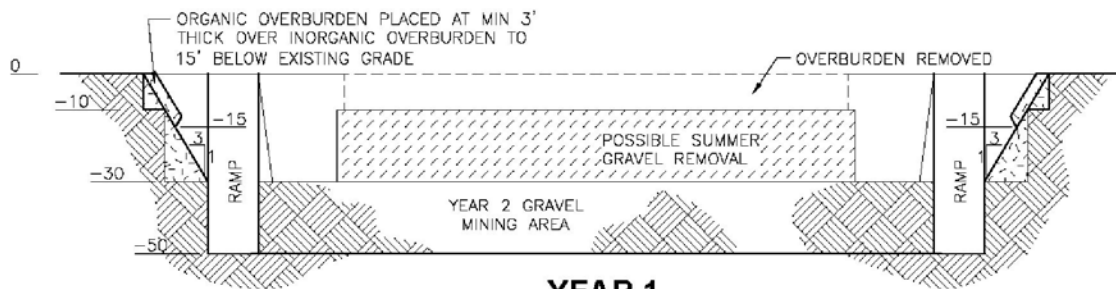
<b>63 - PROPOSED GRAVEL MINE YEAR 1 PLAN</b>	
APPLICANT:	EXXONMOBIL DEVELOPMENT COMPANY
PROJECT:	POINT THOMSON PROJECT
LOCATION:	NORTH SLOPE BOROUGH, ALASKA
REFERENCE:	POA-2001-1082-M1
WATERBODY:	BEAUFORT SEA
DATE:	MARCH 2012



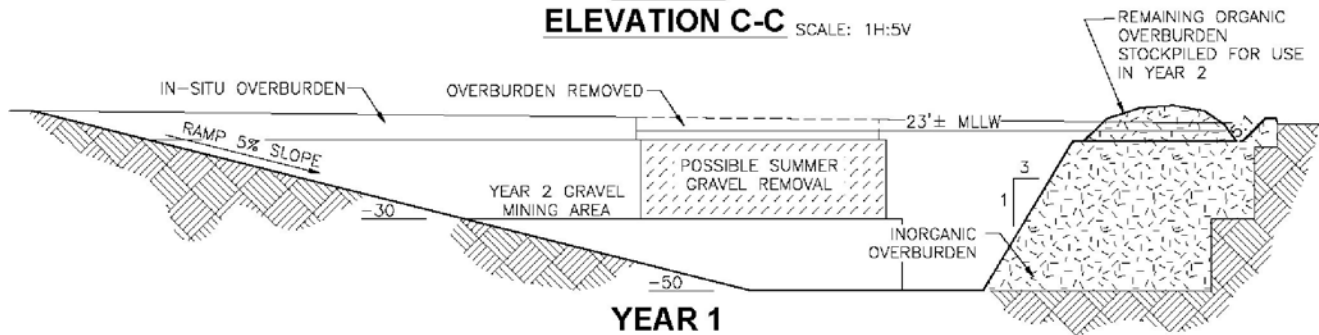
**YEAR 1  
ELEVATION A-A** SCALE: 1H:5V



**YEAR 1  
ELEVATION B-B** SCALE: 1H:5V

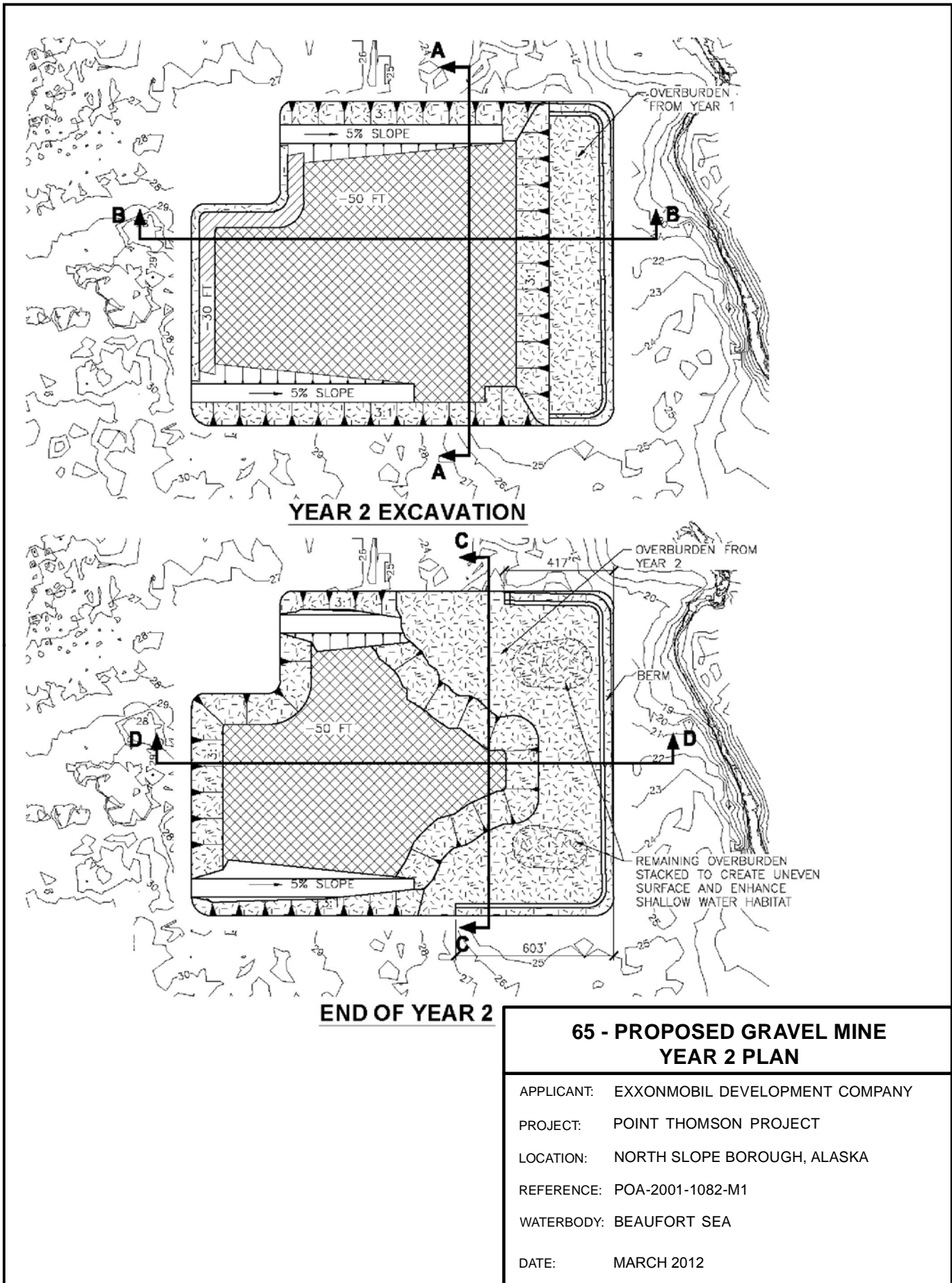


**YEAR 1  
ELEVATION C-C** SCALE: 1H:5V

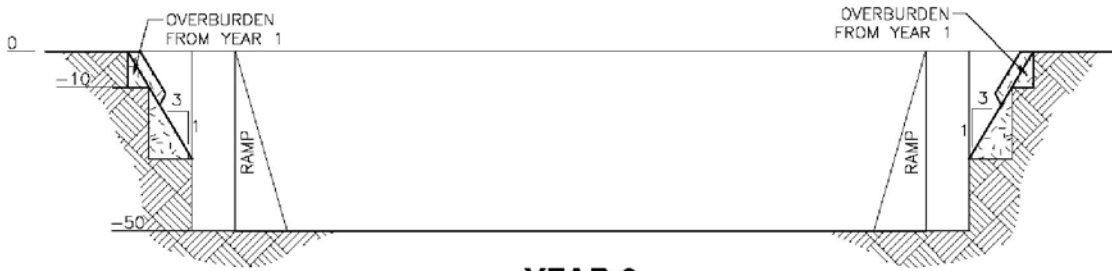


**YEAR 1  
ELEVATION D-D** SCALE: 1H:5V

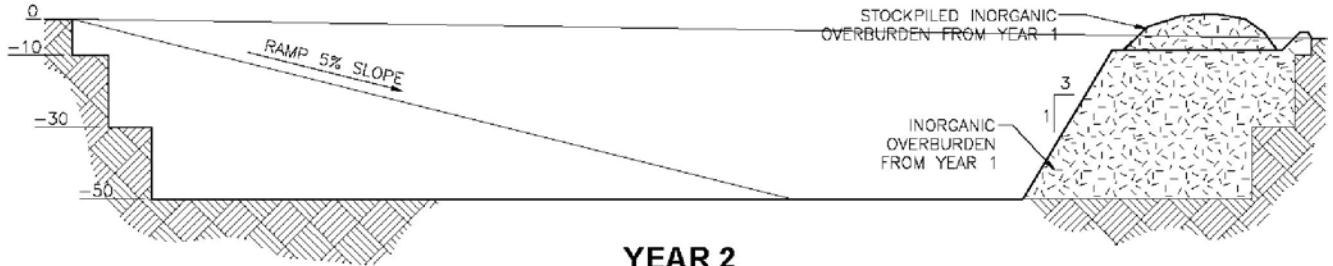
<b>64 - PROPOSED GRAVEL MINE YEAR 1 ELEVATIONS</b>	
APPLICANT:	EXXONMOBIL DEVELOPMENT COMPANY
PROJECT:	POINT THOMSON PROJECT
LOCATION:	NORTH SLOPE BOROUGH, ALASKA
REFERENCE:	POA-2001-1082-M1
WATERBODY:	BEAUFORT SEA
DATE:	MARCH 2012





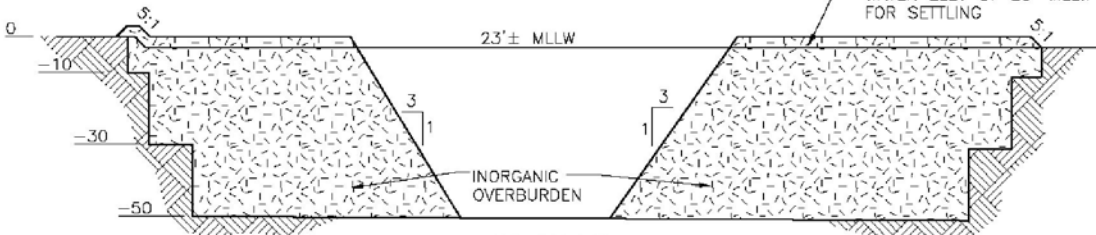


**YEAR 2  
ELEVATION A-A** SCALE: 1H:5V

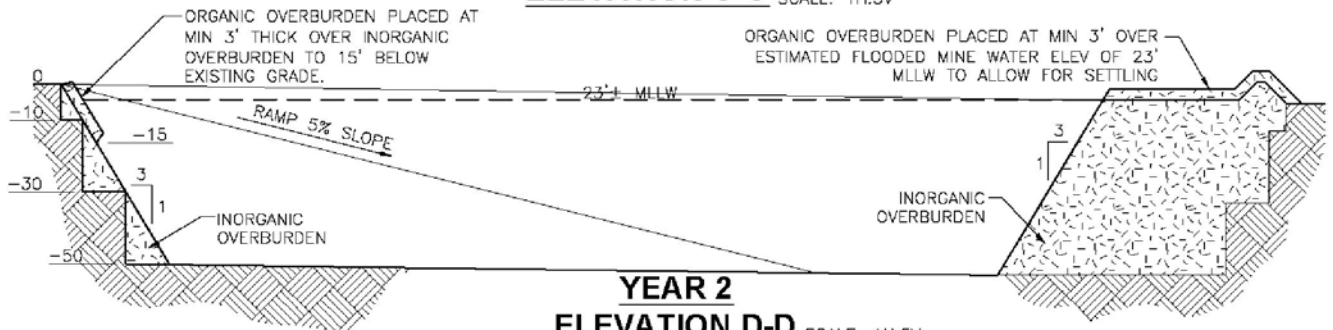


**YEAR 2  
ELEVATION B-B** SCALE: 1H:5V

ORGANIC OVERBURDEN PLACED AT MIN 3' OVER ESTIMATED FLOODED MINE WATER ELEV OF 23' MLLW TO ALLOW FOR SETTLING



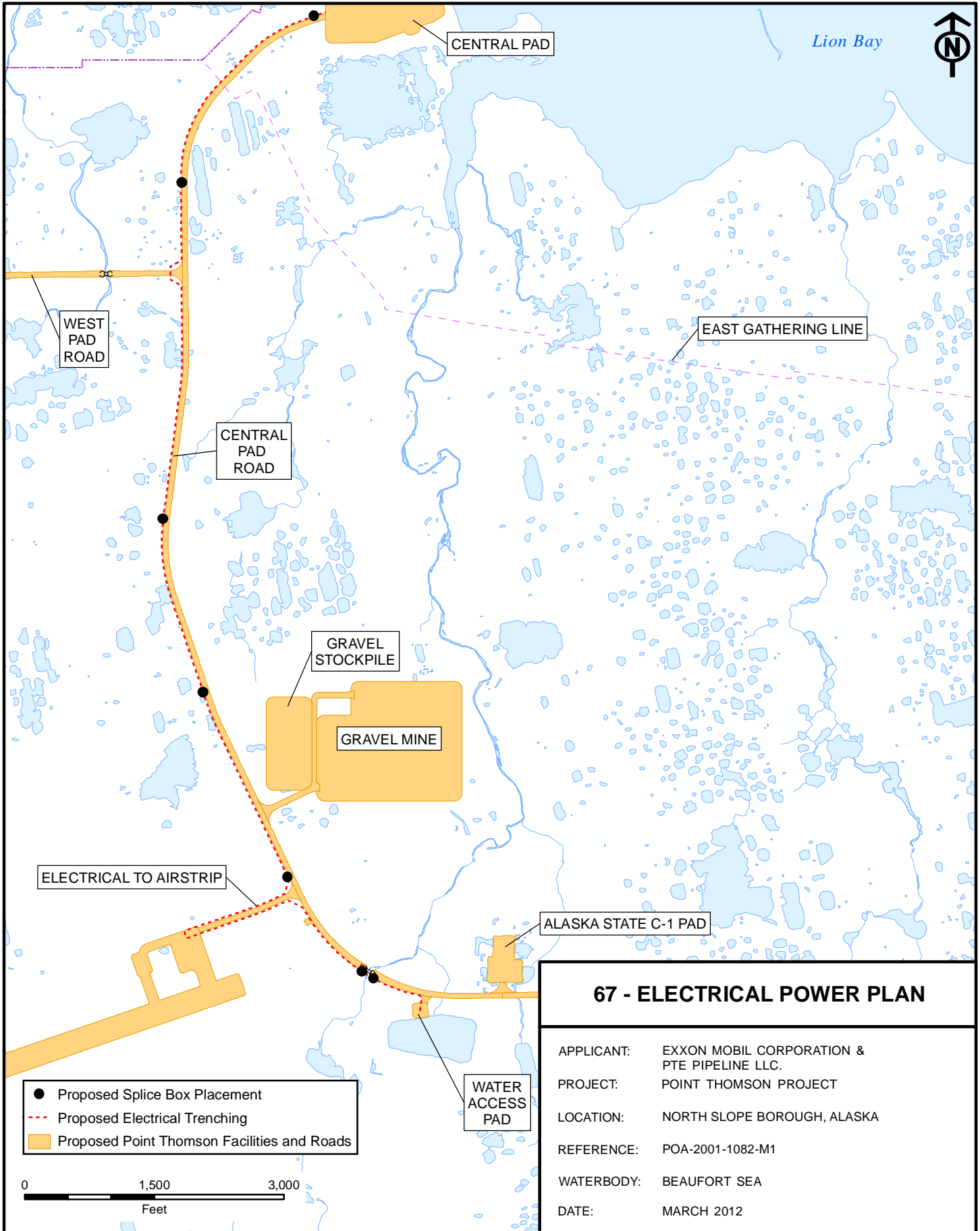
**YEAR 2  
ELEVATION C-C** SCALE: 1H:5V



**YEAR 2  
ELEVATION D-D** SCALE: 1H:5V

**66 - PROPOSED GRAVEL MINE  
YEAR 2 ELEVATIONS**

APPLICANT: EXXONMOBIL DEVELOPMENT COMPANY  
 PROJECT: POINT THOMSON PROJECT  
 LOCATION: NORTH SLOPE BOROUGH, ALASKA  
 REFERENCE: POA-2001-1082-M1  
 WATERBODY: BEAUFORT SEA  
 DATE: MARCH 2012



CENTRAL PAD

Lion Bay



WEST PAD ROAD

EAST GATHERING LINE

CENTRAL PAD ROAD

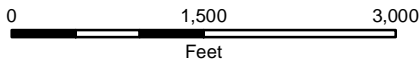
GRAVEL STOCKPILE

GRAVEL MINE

ELECTRICAL TO AIRSTRIP

ALASKA STATE C-1 PAD

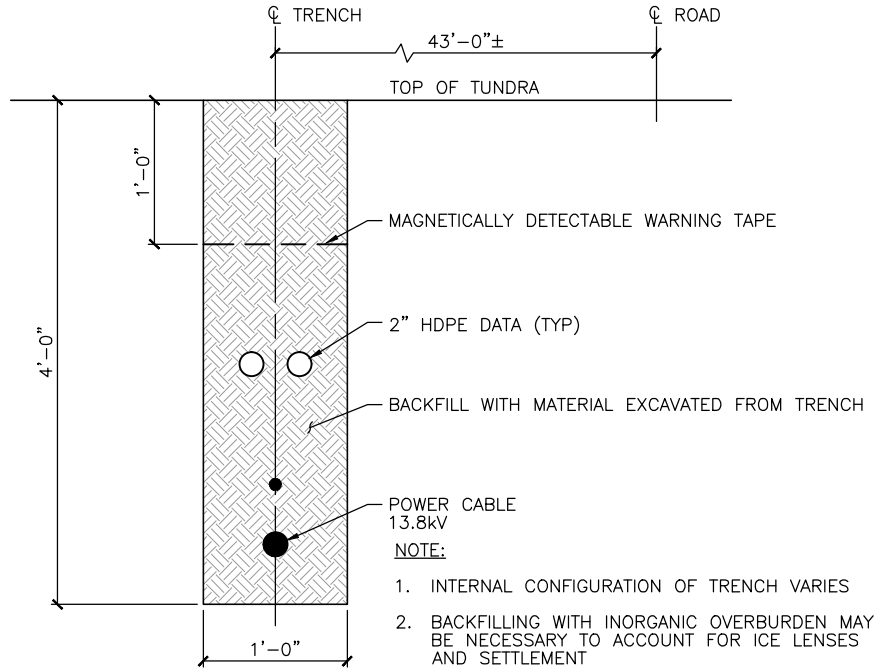
- Proposed Splice Box Placement
- - - Proposed Electrical Trenching
- Proposed Point Thomson Facilities and Roads



WATER ACCESS PAD

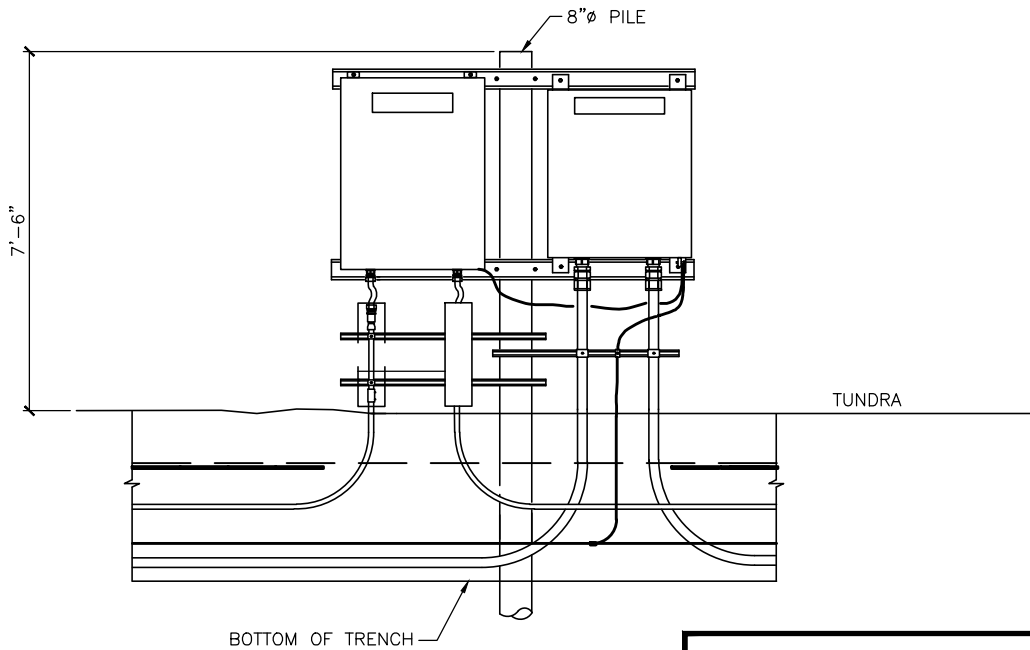
### 67 - ELECTRICAL POWER PLAN

APPLICANT: EXXON MOBIL CORPORATION & PTE PIPELINE LLC.  
 PROJECT: POINT THOMSON PROJECT  
 LOCATION: NORTH SLOPE BOROUGH, ALASKA  
 REFERENCE: POA-2001-1082-M1  
 WATERBODY: BEAUFORT SEA  
 DATE: MARCH 2012



### TYPICAL TRENCH SECTION

NOT TO SCALE

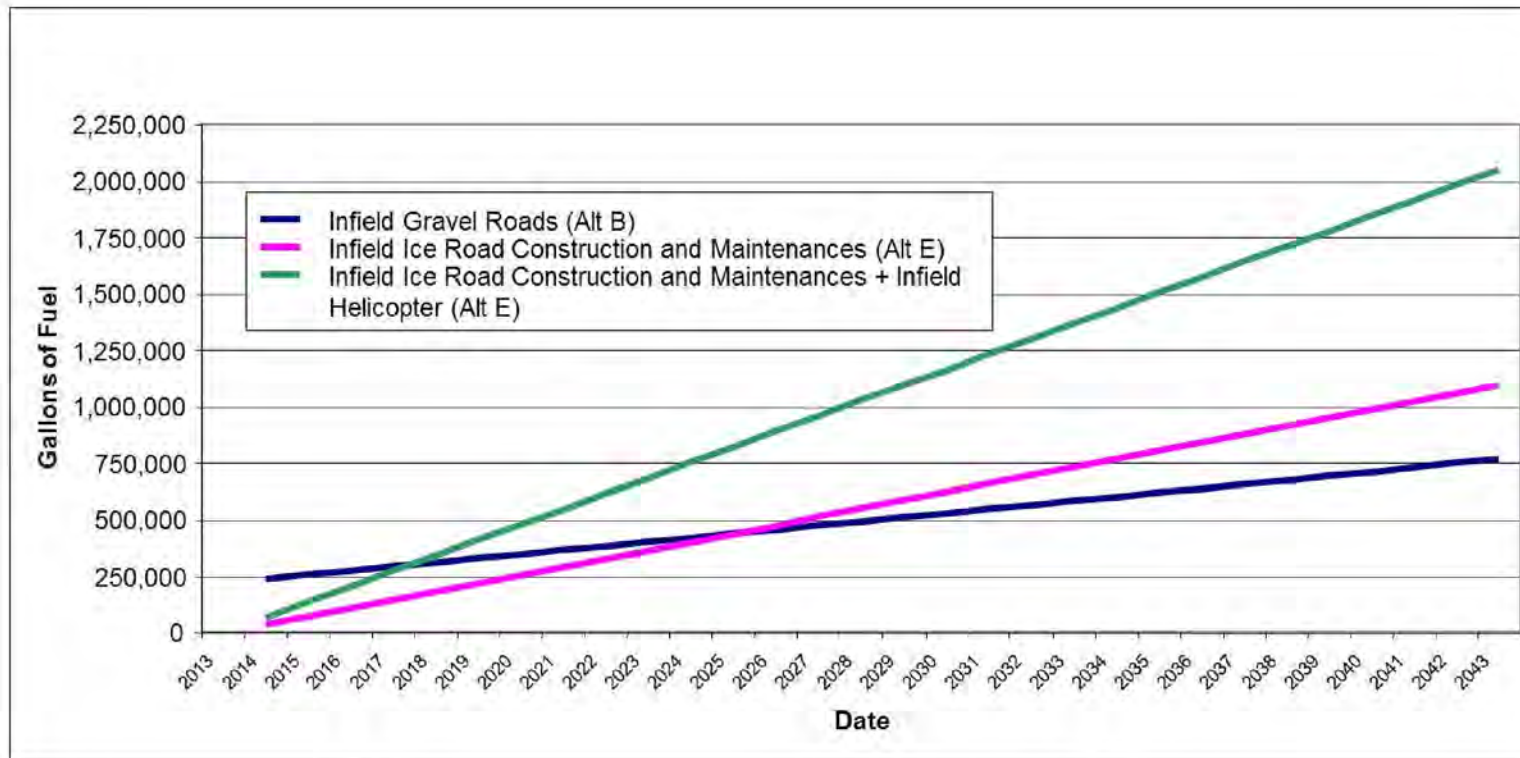


### TYPICAL SPLICE BOX SECTION

NOT TO SCALE

### 68 - TYPICAL ELECTRICAL POWER SECTIONS

APPLICANT: EXXON MOBIL CORPORATION & PTE PIPELINE LLC.  
 PROJECT: POINT THOMSON PROJECT  
 LOCATION: NORTH SLOPE BOROUGH, ALASKA  
 REFERENCE: POA-2001-1082-M1  
 WATERBODY: BEAUFORT SEA  
 DATE: MARCH 2012



**Alt B**

West Pad Road Construction= 48,430 Gallons  
 East Pad Road Construction= 29,310 Gallons  
 Gravel Mining for West & East Pad Roads= 37,690 Gallons  
 West Bridge Construction= 77,760 Gallons  
 Summer Gravel Farming= 45,430 Gallons  
 Annual Winter Gravel Road Maintenance & Traffic= 15,840 Gallons  
 Annual Summer Gravel Road Maintenance & Traffic= 3,600 Gallons

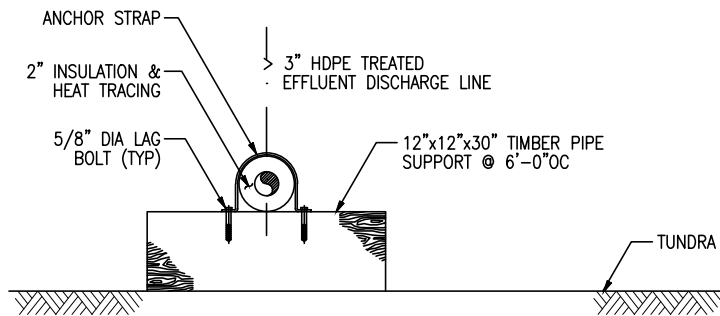
**Alt E**

Annual Ice Road Construction= 22,340 Gallons  
 Annual Ice Road Maintenance & Traffic= 14,100 Gallons  
 Annual Infield Helicopter Usage= 31,870 Gallons

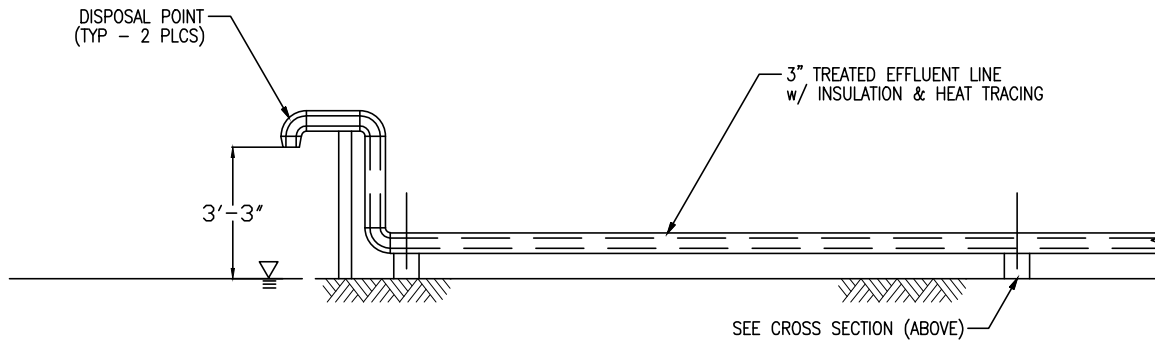
**69 - COMPARISON OF FUEL USE FOR IN-FIELD ICE ROADS VS. GRAVEL ROADS**

APPLICANT: EXXONMOBIL DEVELOPMENT COMPANY  
 PROJECT: POINT THOMSON PROJECT  
 LOCATION: NORTH SLOPE BOROUGH, ALASKA  
 REFERENCE: POA-2001-1082-M1  
 WATERBODY: BEAUFORT SEA  
 DATE: MARCH 2012

\*May 5, 2011 Workshop Presentation  
 (Updated May 13, 2011; also updated  
 August 15, 2011 to clarify applicability  
 of the color bars to each alternative)



**CROSS SECTION OF WASTEWATER EFFLUENT LINE**



**LONGITUDINAL SECTION OF WASTEWATER EFFLUENT LINE**

NOTE:

THE SECTIONS PRESENTED HERE ARE CONCEPTUAL IN DESIGN THE TECHNICAL DETAILS OF THE WASTEWATER EFFLUENT LINE ARE UNDER DEVELOPMENT.

**70 - WASTEWATER EFFLUENT SECTIONS**

APPLICANT: EXXON MOBIL CORPORATION & PTE PIPELINE LLC.

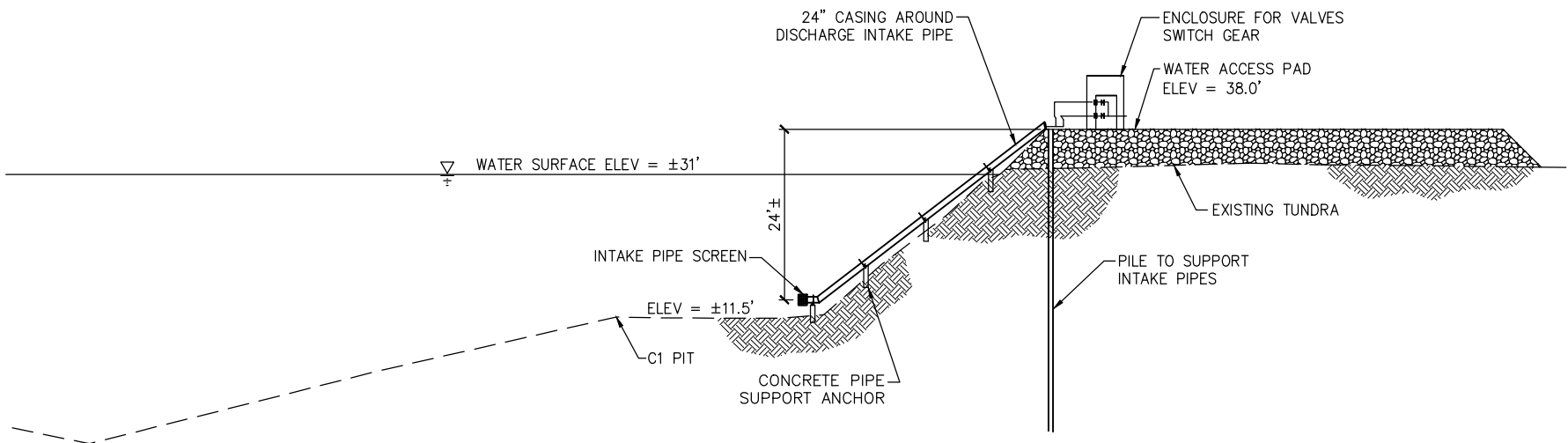
PROJECT: POINT THOMSON PROJECT

LOCATION: NORTH SLOPE BOROUGH, ALASKA

REFERENCE: POA-2001-1082-M1

WATERBODY: BEAUFORT SEA

DATE: JULY 2012



## 71 - WATER ACCESS PAD INTAKE SECTION

APPLICANT: EXXON MOBIL CORPORATION & PTE PIPELINE LLC.

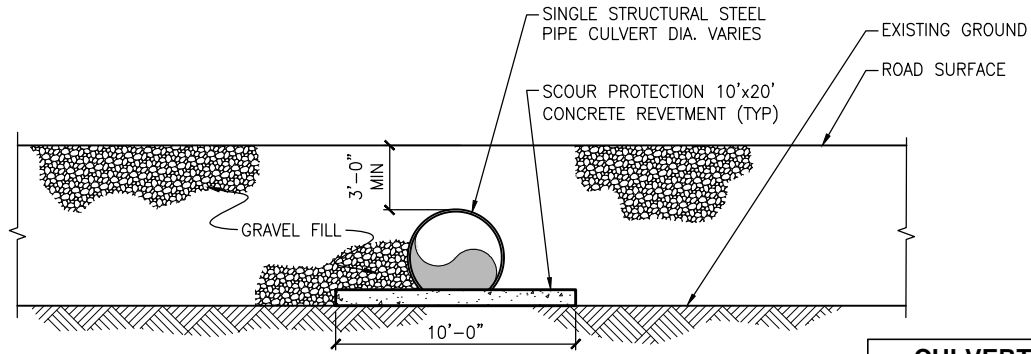
PROJECT: POINT THOMSON PROJECT

LOCATION: NORTH SLOPE BOROUGH, ALASKA

REFERENCE: POA-2001-1082-M1

WATERBODY: BEAUFORT SEA

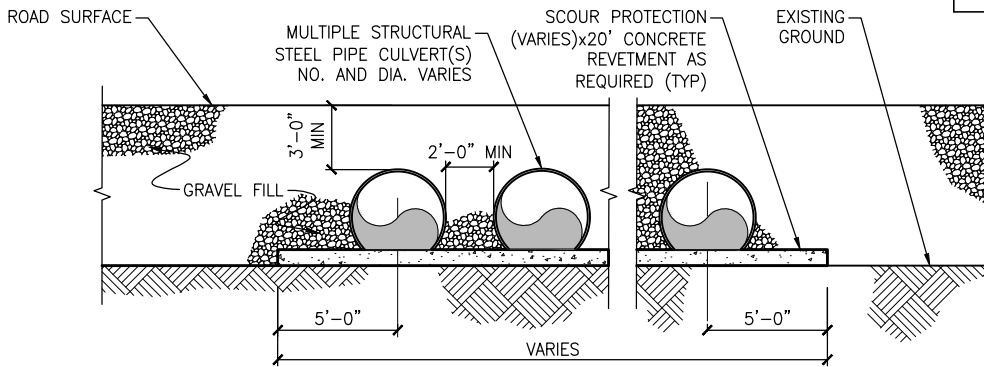
DATE: MARCH 2012



### TYPICAL SINGLE CULVERT ELEVATION

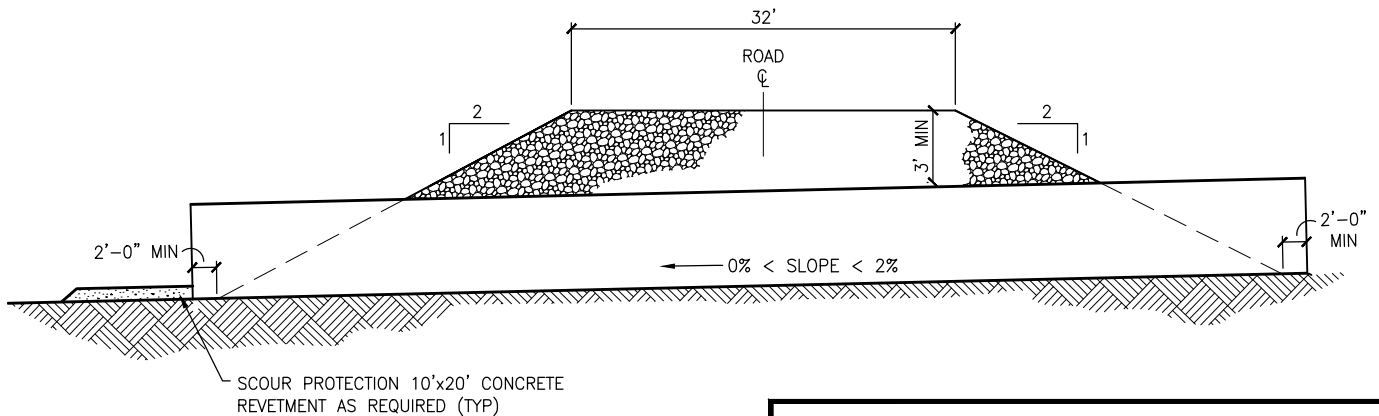
NOT TO SCALE

CULVERT TABLE		
STREAM CROSSING	NUMBER OF CULVERTS	DIAMETER (INCHES)
23	1	48
26	2	48
27	1	36



### TYPICAL MULTIPLE CULVERTS ELEVATION

NOT TO SCALE



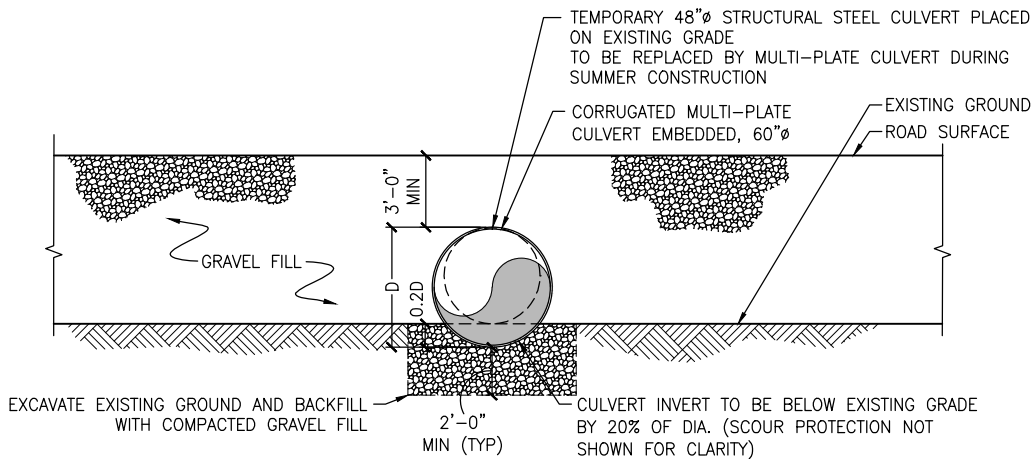
### TYPICAL SINGLE/MULTIPLE CULVERT SECTION

NOT TO SCALE

**PURPOSE:**  
PLACE FILL AND CULVERT AS PART OF THE ROAD CONSTRUCTION

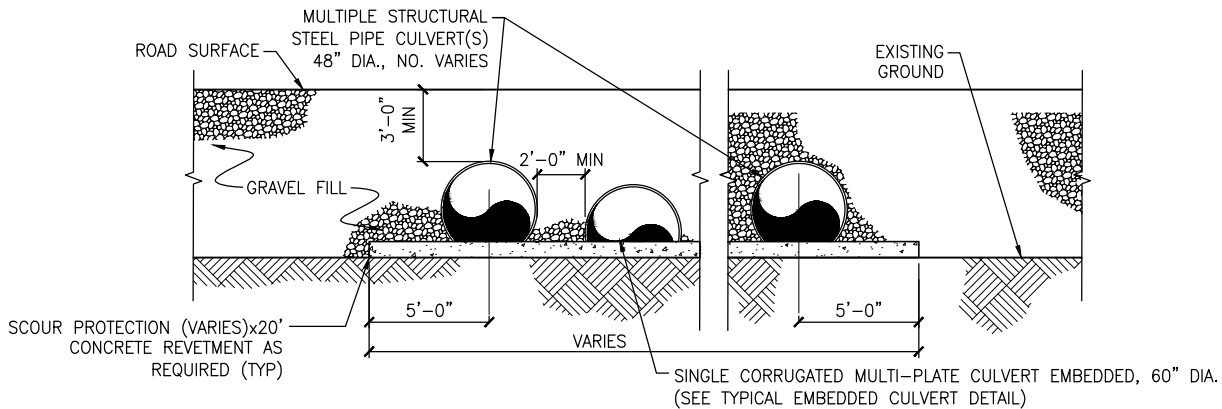
### 72 - TYPICAL STREAM CROSSING CULVERT SECTION

APPLICANT: EXXON MOBIL CORPORATION & PTE PIPELINE LLC.  
 PROJECT: POINT THOMSON PROJECT  
 LOCATION: NORTH SLOPE BOROUGH, ALASKA  
 REFERENCE: POA-2001-1082-M1  
 WATERBODY: BEAUFORT SEA  
 DATE: MARCH 2012



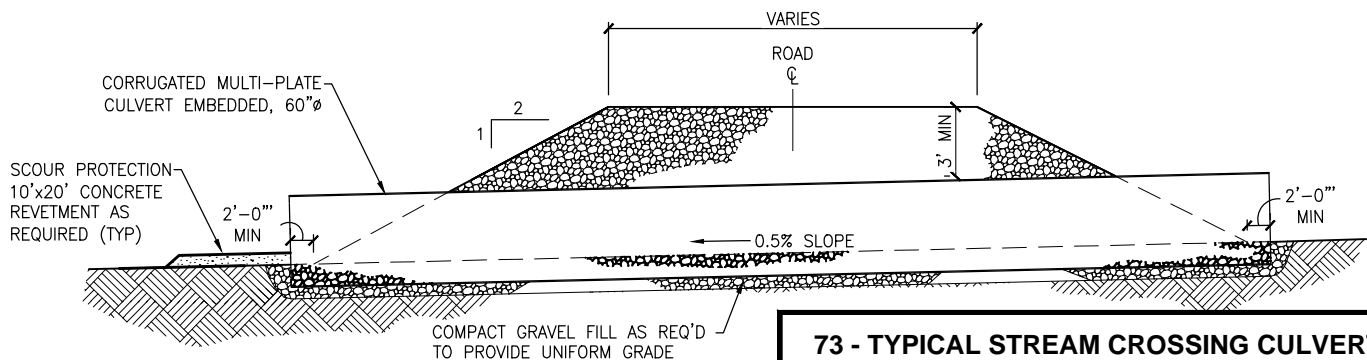
**TYPICAL EMBEDDED CULVERT DETAIL**

NOT TO SCALE



**TYPICAL FISH PASSAGE CULVERT BATTERY ELEVATION**

NOT TO SCALE



**TYPICAL EMBEDDED CULVERT SECTION**

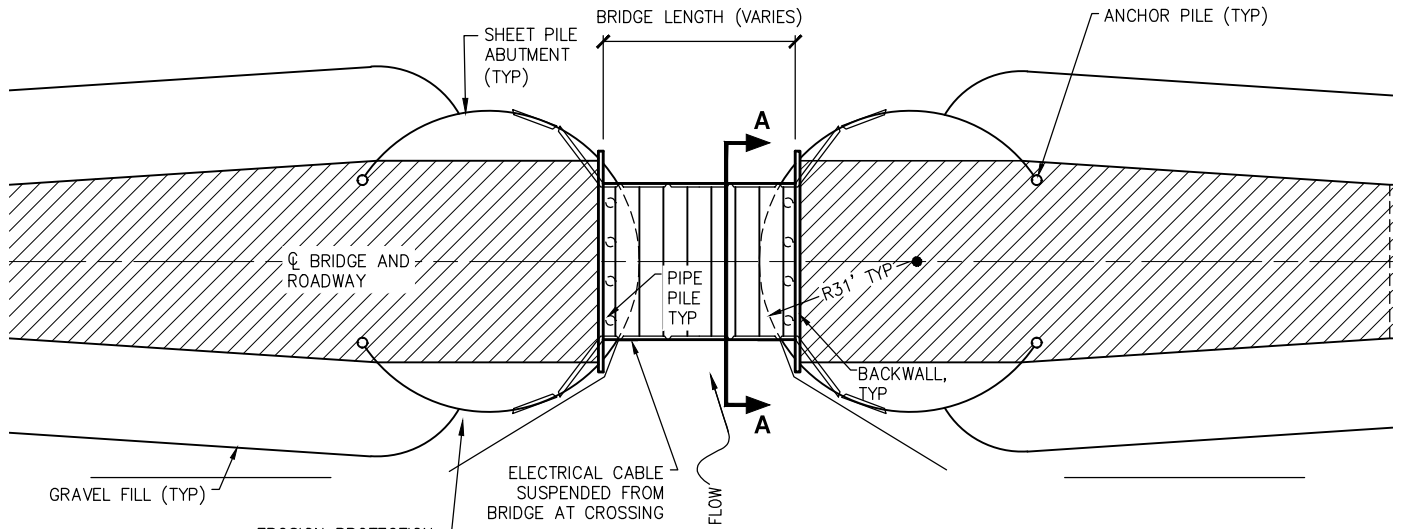
NOT TO SCALE

PURPOSE:  
PLACE FILL AND CULVERT AS PART OF THE  
ROAD CONSTRUCTION

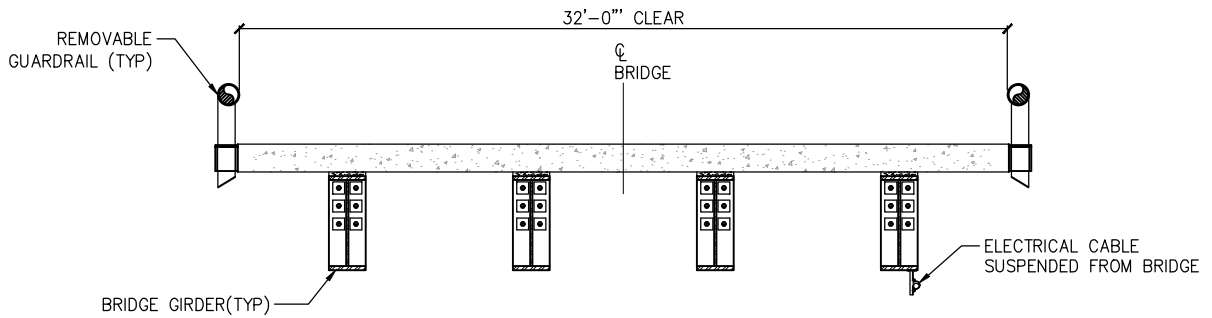
**73 - TYPICAL STREAM CROSSING CULVERT FOR FISH PASSAGE SECTION**

APPLICANT: EXXON MOBIL CORPORATION & PTE PIPELINE LLC.  
PROJECT: POINT THOMSON PROJECT  
LOCATION: NORTH SLOPE BOROUGH, ALASKA  
REFERENCE: POA-2001-1082-M1  
WATERBODY: BEAUFORT SEA  
DATE: MARCH 2012





**BRIDGE PLAN**  
NOT TO SCALE



**SECTION A-A**  
NOT TO SCALE

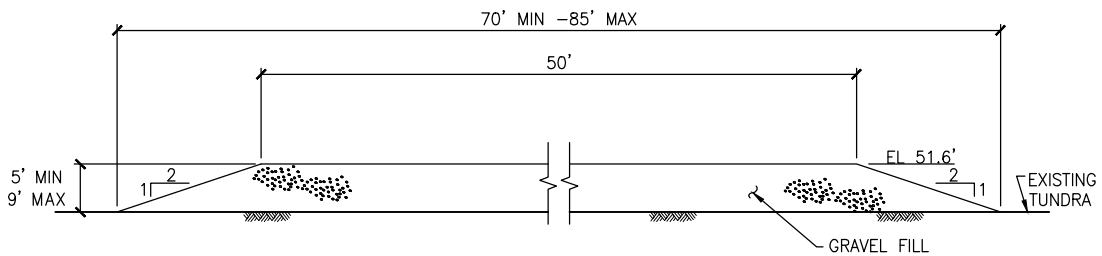
NOTE:  
SHEET PILES NOT SHOWN  
FOR CLARITY

**74 - POWERLINE BRIDGE CROSSING  
SECTION**

APPLICANT: EXXON MOBIL CORPORATION &  
PTE PIPELINE LLC.  
PROJECT: POINT THOMSON PROJECT  
LOCATION: NORTH SLOPE BOROUGH, ALASKA  
REFERENCE: POA-2001-1082-M1  
WATERBODY: BEAUFORT SEA  
DATE: MARCH 2012

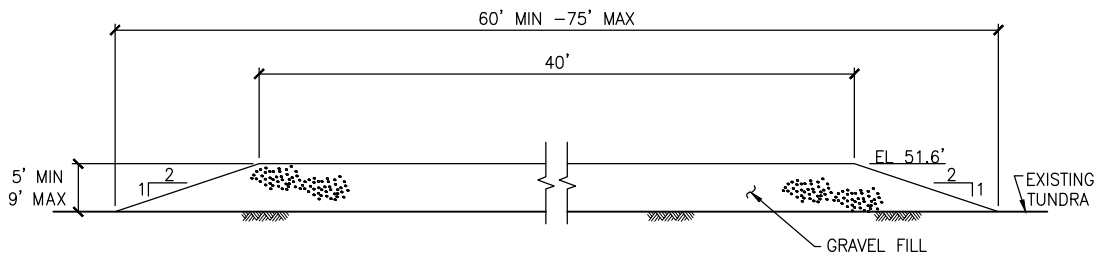
RUNWAY 5 APPROACH  
LIGHTING SHELTER  
ACCESS PAD

**KEY MAP**



**RUNWAY 5 APPROACH LIGHTING SHELTER  
ACCESS PAD LONGITUDINAL SECTION**

NOT TO SCALE

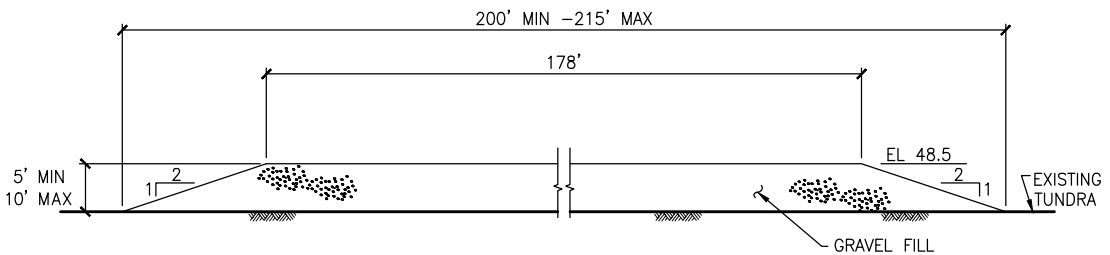
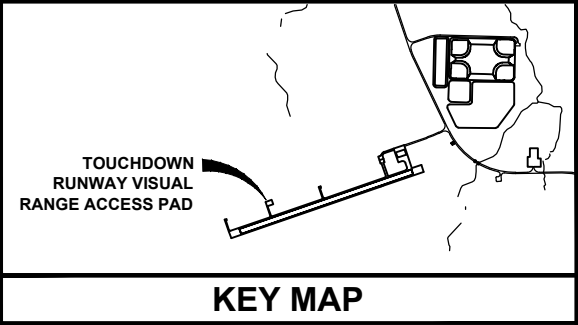


**RUNWAY 5 APPROACH LIGHTING SHELTER  
ACCESS PAD TRANSVERSE SECTION**

NOT TO SCALE

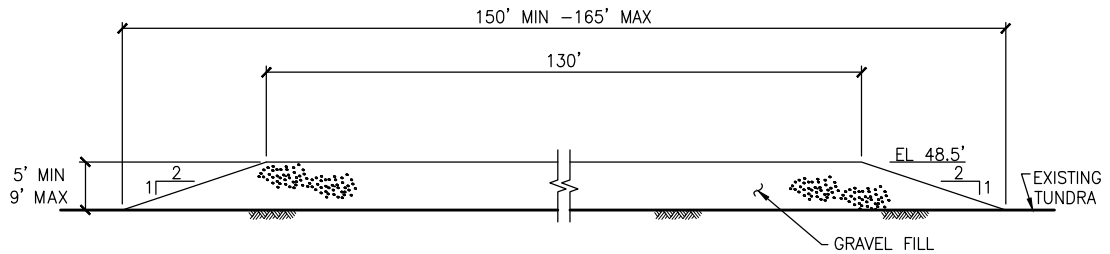
**75 - NAVAID PAD SECTION  
(SHEET 1 OF 4)**

APPLICANT: EXXON MOBIL CORPORATION &  
PTE PIPELINE LLC.  
PROJECT: POINT THOMSON PROJECT  
LOCATION: NORTH SLOPE BOROUGH, ALASKA  
REFERENCE: POA-2001-1082-M1  
WATERBODY: BEAUFORT SEA  
DATE: JULY 2012



**TOUCHDOWN RUNWAY VISUAL RANGE ACCESS PAD LONGITUDINAL SECTION**

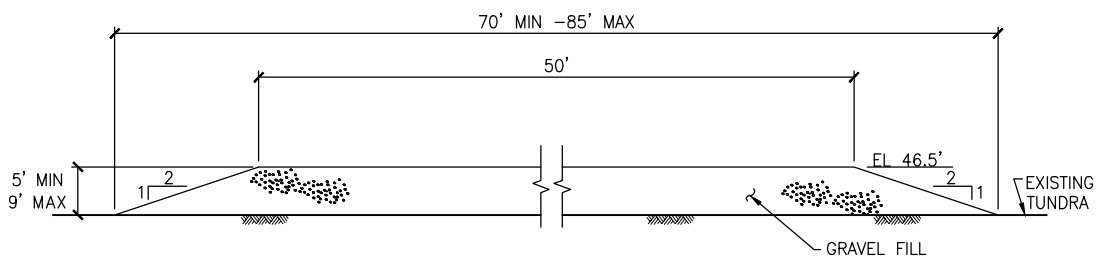
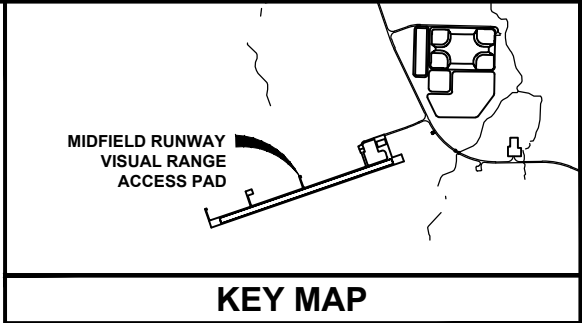
NOT TO SCALE



**TOUCHDOWN RUNWAY VISUAL RANGE ACCESS PAD TRANSVERSE SECTION**

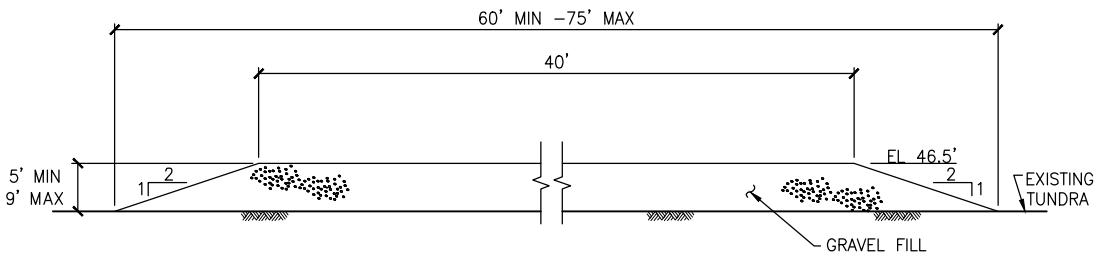
NOT TO SCALE

<b>76 - NAVAID PAD SECTION (SHEET 2 OF 4)</b>	
APPLICANT:	EXXON MOBIL CORPORATION & PTE PIPELINE LLC.
PROJECT:	POINT THOMSON PROJECT
LOCATION:	NORTH SLOPE BOROUGH, ALASKA
REFERENCE:	POA-2001-1082-M1
WATERBODY:	BEAUFORT SEA
DATE:	JULY 2012



**MIDFIELD RUNWAY VISUAL RANGE ACCESS PAD LONGITUDINAL SECTION**

NOT TO SCALE



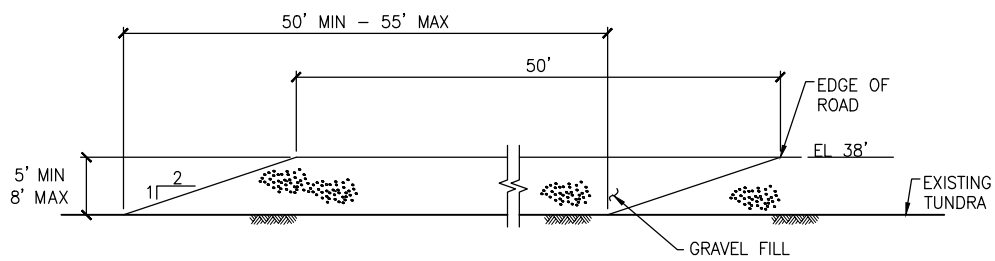
**MIDFIELD RUNWAY VISUAL RANGE ACCESS PAD TRANSVERSE SECTION**

NOT TO SCALE

<b>77 - NAVAID PAD SECTION (SHEET 3 OF 4)</b>	
APPLICANT:	EXXON MOBIL CORPORATION & PTE PIPELINE LLC.
PROJECT:	POINT THOMSON PROJECT
LOCATION:	NORTH SLOPE BOROUGH, ALASKA
REFERENCE:	POA-2001-1082-M1
WATERBODY:	BEAUFORT SEA
DATE:	JULY 2012

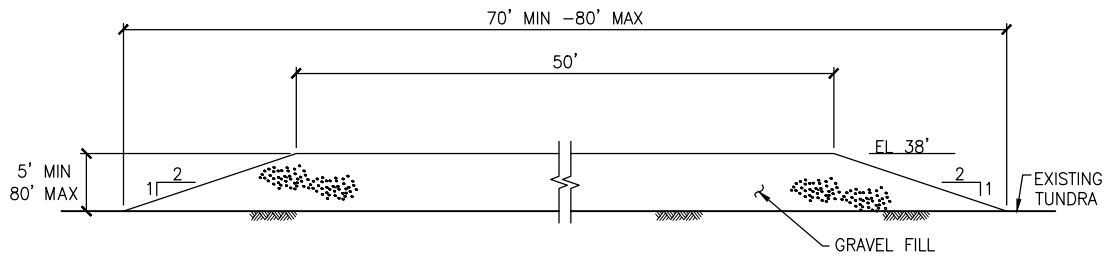
RUNWAY 23  
APPROACH LIGHT  
BUILDING PAD

**KEY MAP**



**RUNWAY 23 APPROACH LIGHT BUILDING PAD LONGITUDINAL SECTION**

NOT TO SCALE

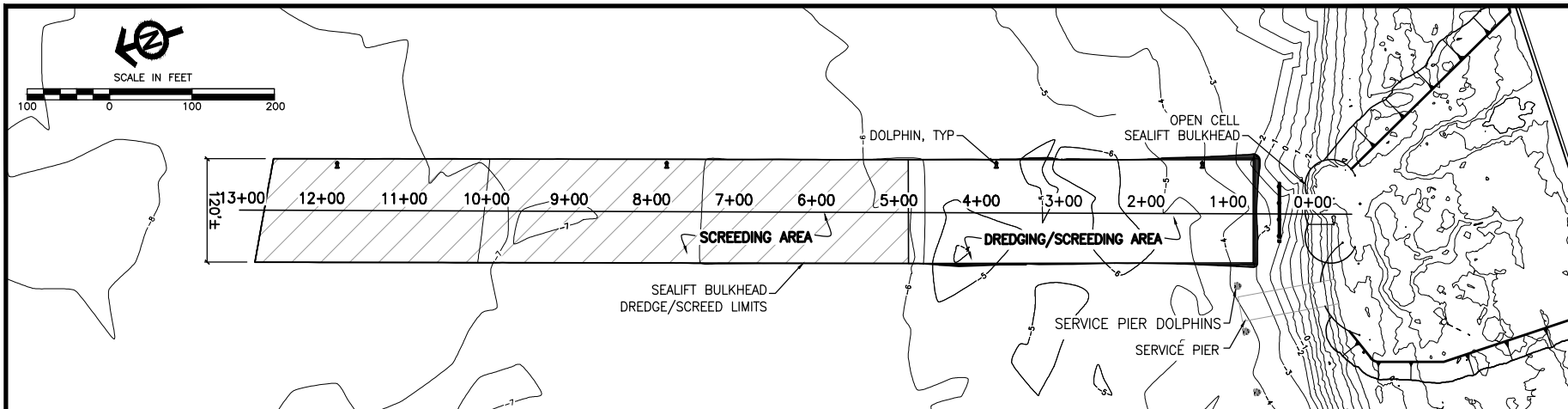


**RUNWAY 23 APPROACH LIGHT BUILDING PAD TRANSVERSE SECTION**

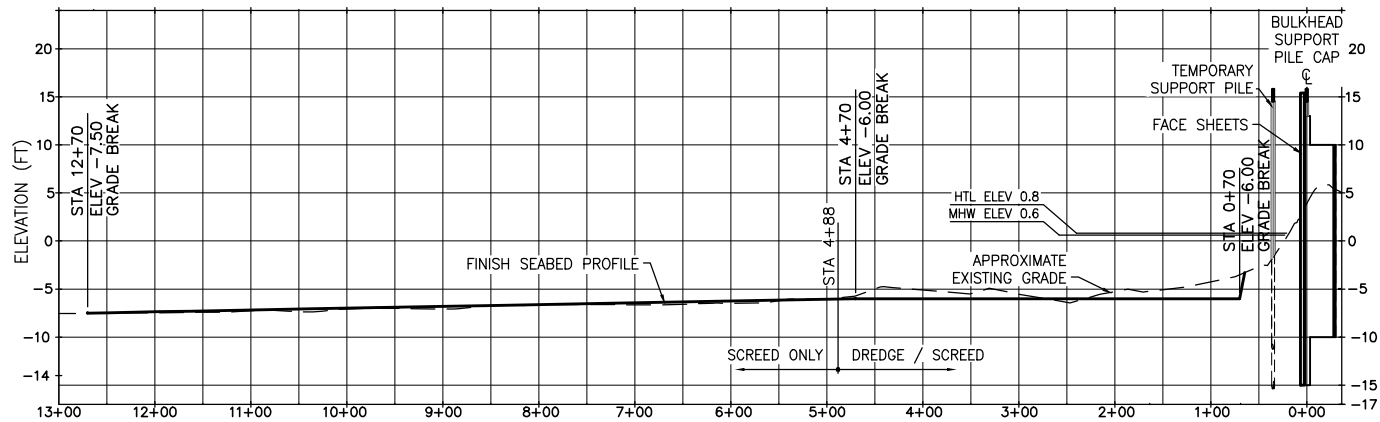
NOT TO SCALE

**78 - NAVAID PAD SECTION  
(SHEET 4 OF 4)**

APPLICANT: EXXON MOBIL CORPORATION &  
PTE PIPELINE LLC.  
PROJECT: POINT THOMSON PROJECT  
LOCATION: NORTH SLOPE BOROUGH, ALASKA  
REFERENCE: POA-2001-1082-M1  
WATERBODY: BEAUFORT SEA  
DATE: JULY 2012



**DREDGING AND SCREEDING AREA PLAN**



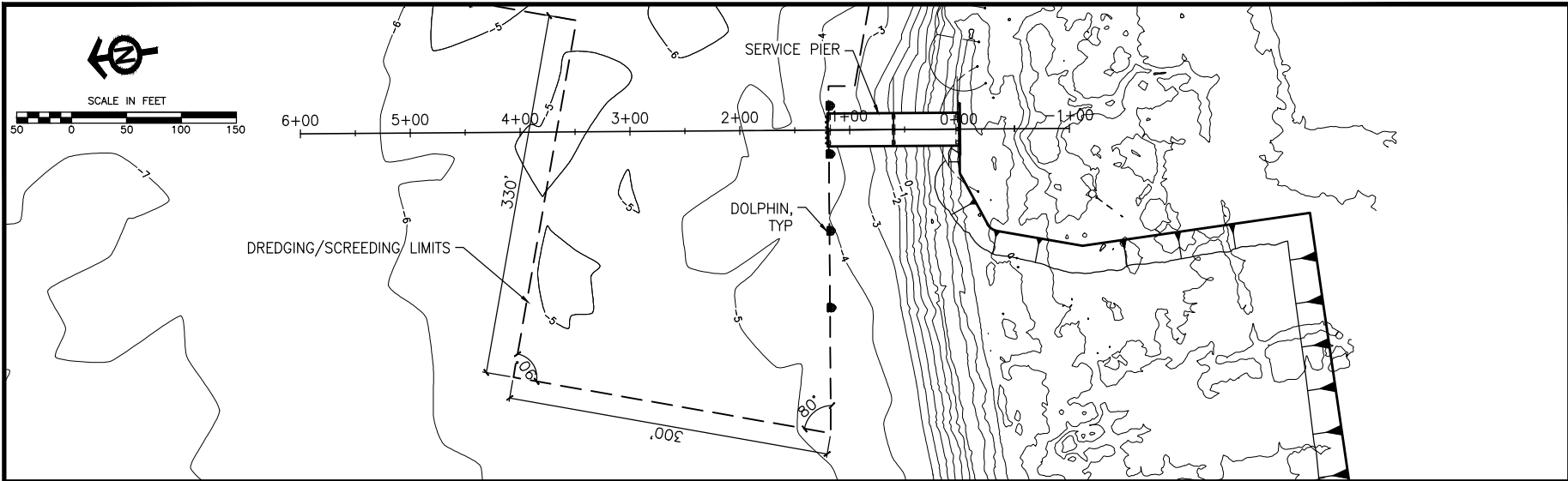
**DREDGING AND SCREEDING AREA PROFILE**

1H:10V

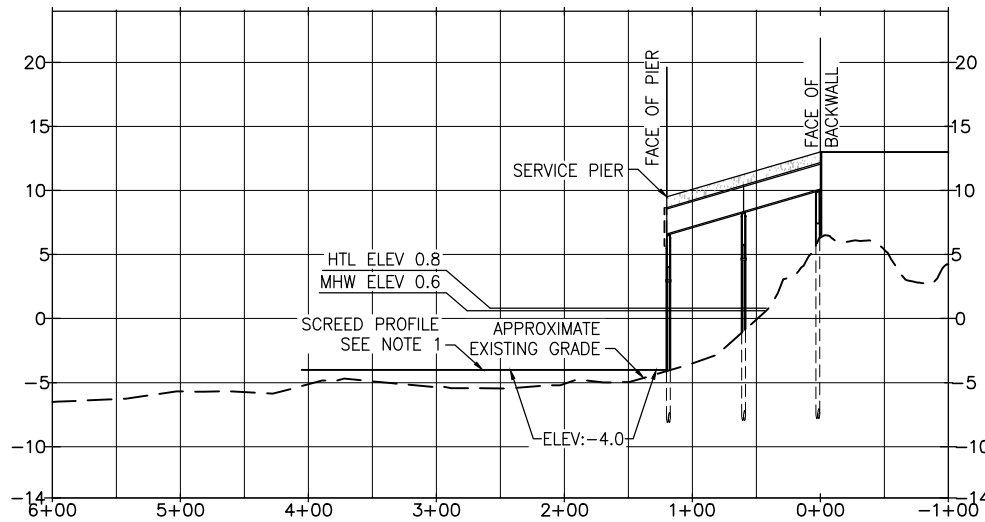
**NOTE:**  
 PROFILE TO BE COMPLETED WINTER 2015 PRIOR TO SEALIFT MODULE OFFLOAD. RECONFIRM ADEQUATE GRADE IMMEDIATELY PRIOR TO SEALIFT BARGE ARRIVAL.

**79 - SEALIFT BULKHEAD DREDGING AND SCREEDING DETAILS**

APPLICANT: EXXON MOBIL CORPORATION & PTE PIPELINE LLC.  
 PROJECT: POINT THOMSON PROJECT  
 LOCATION: NORTH SLOPE BOROUGH, ALASKA  
 REFERENCE: POA-2001-1082-M1  
 WATERBODY: BEAUFORT SEA  
 DATE: JULY 2012



### DREDGING AND SCREEDING AREA LIMITS



### DREDGING AND SCREEDING AREA PROFILE AT PIER CENTERLINE

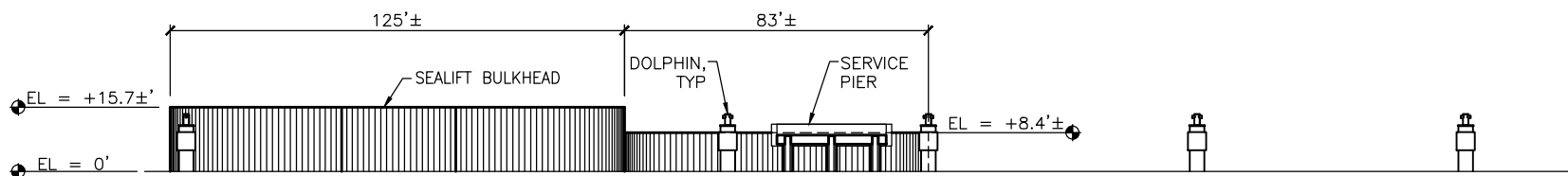
1H:10V

**NOTE:**

1. SCREED LEVEL AND TO A MAXIMUM ELEVATION OF -4.0' MLLW WITHIN THE LIMITS OF PROJECT SCREEDING.
2. SHEET PILES NOT SHOWN FOR CLARITY.

### 80 - SERVICE PIER DREDGING AND SCREEDING DETAILS

APPLICANT: EXXON MOBIL CORPORATION & PTE PIPELINE LLC.  
 PROJECT: POINT THOMSON PROJECT  
 LOCATION: NORTH SLOPE BOROUGH, ALASKA  
 REFERENCE: POA-2001-1082-M1  
 WATERBODY: BEAUFORT SEA  
 DATE: JULY 2012



NOTE:  
 TEMPORARY RAMP SUPPORT  
 NOT SHOWN FOR CLARITY

VERTICAL DATUM=MLLW  
 MHW=0.6'

### **SEALIFT BULKHEAD/SERVICE PIER ELEVATION**

NOT TO SCALE

#### **81 - SEALIFT BULKHEAD AND SERVICE PIER ELEVATION**

APPLICANT: EXXON MOBIL CORPORATION &  
 PTE PIPELINE LLC.

PROJECT: POINT THOMSON PROJECT

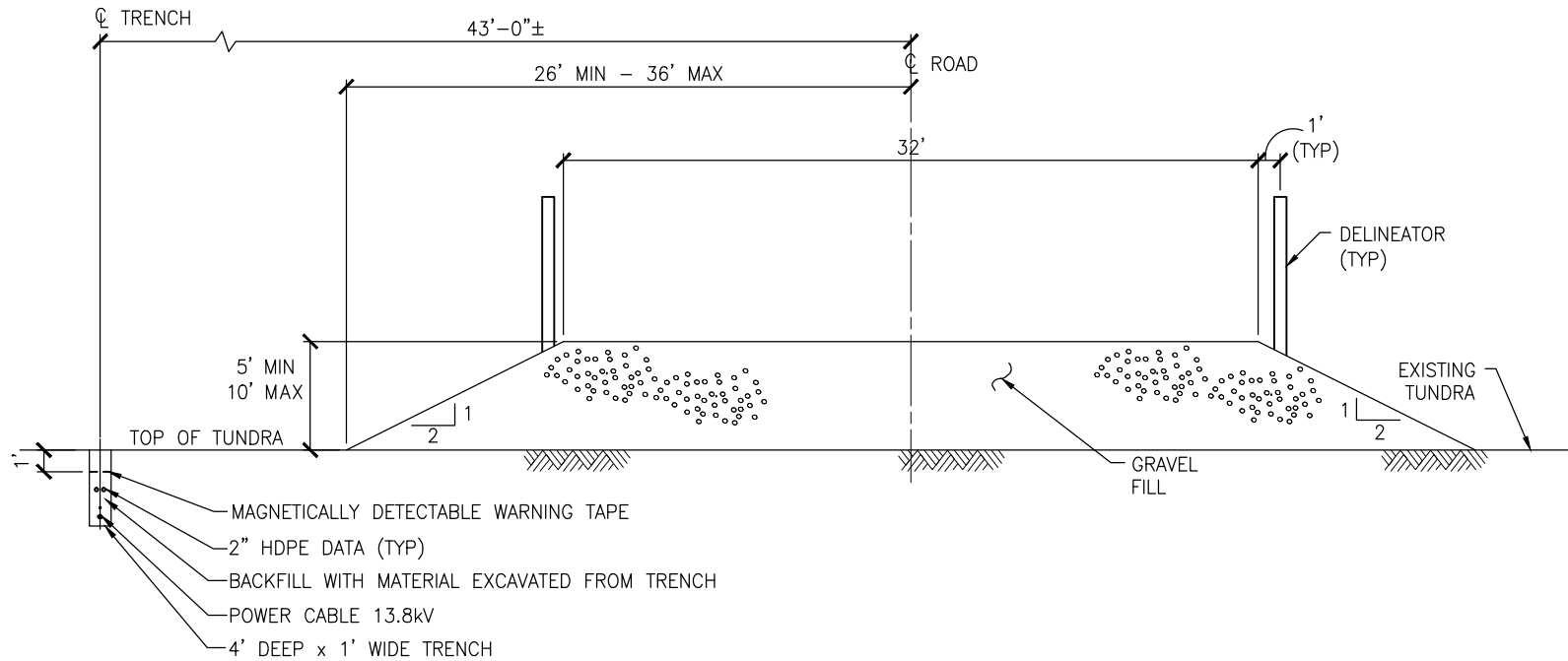
LOCATION: NORTH SLOPE BOROUGH, ALASKA

REFERENCE: POA-2001-1082-M1

WATERBODY: BEAUFORT SEA

DATE: JULY 2012





**NOTE:**

1. INTERNAL CONFIGURATION OF TRENCH VARIES
2. BACKFILLING WITH INORGANIC OVERBURDEN MAY BE NECESSARY TO ACCOUNT FOR ICE LENSES AND SETTLEMENT

**CENTRAL PAD ROAD AND ELECTRICAL TRENCHING TYPICAL SECTION**

NOT TO SCALE

**82- TYPICAL ELECTRICAL TRENCHING AND ROAD SECTION**

APPLICANT: EXXON MOBIL CORPORATION & PTE PIPELINE LLC.  
 PROJECT: POINT THOMSON PROJECT  
 LOCATION: NORTH SLOPE BOROUGH, ALASKA  
 REFERENCE: POA-2001-1082-M1  
 WATERBODY: BEAUFORT SEA  
 DATE: JULY 2012