

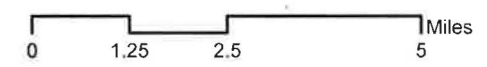


Legend

-  Barrow Airport
-  Incorporated City Boundary



Location
 Section: 4-8
 Township: 22N
 Range: 18W
 Meridian: Umiat

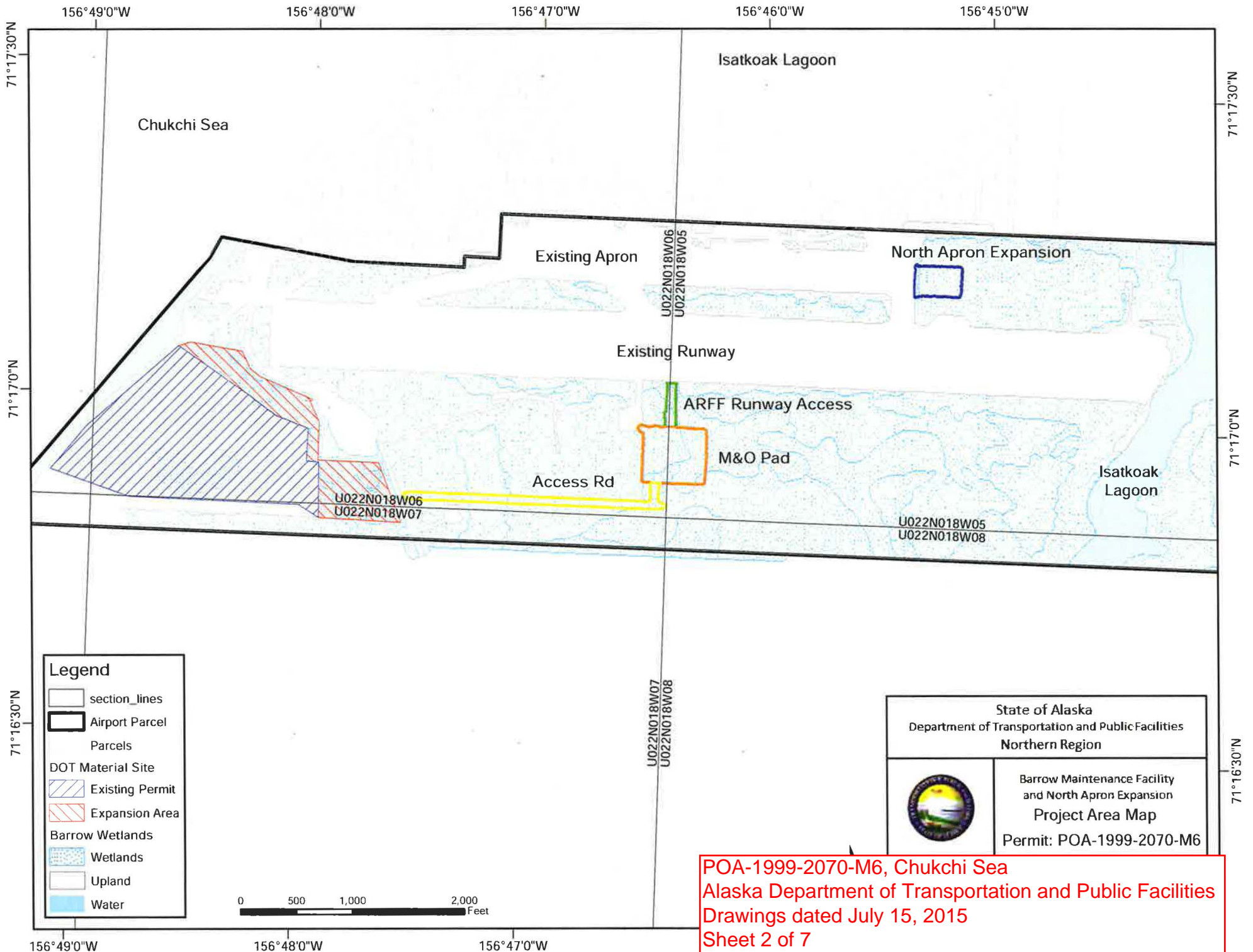


State of Alaska
 Department of Transportation and Public Facilities
 Northern Region

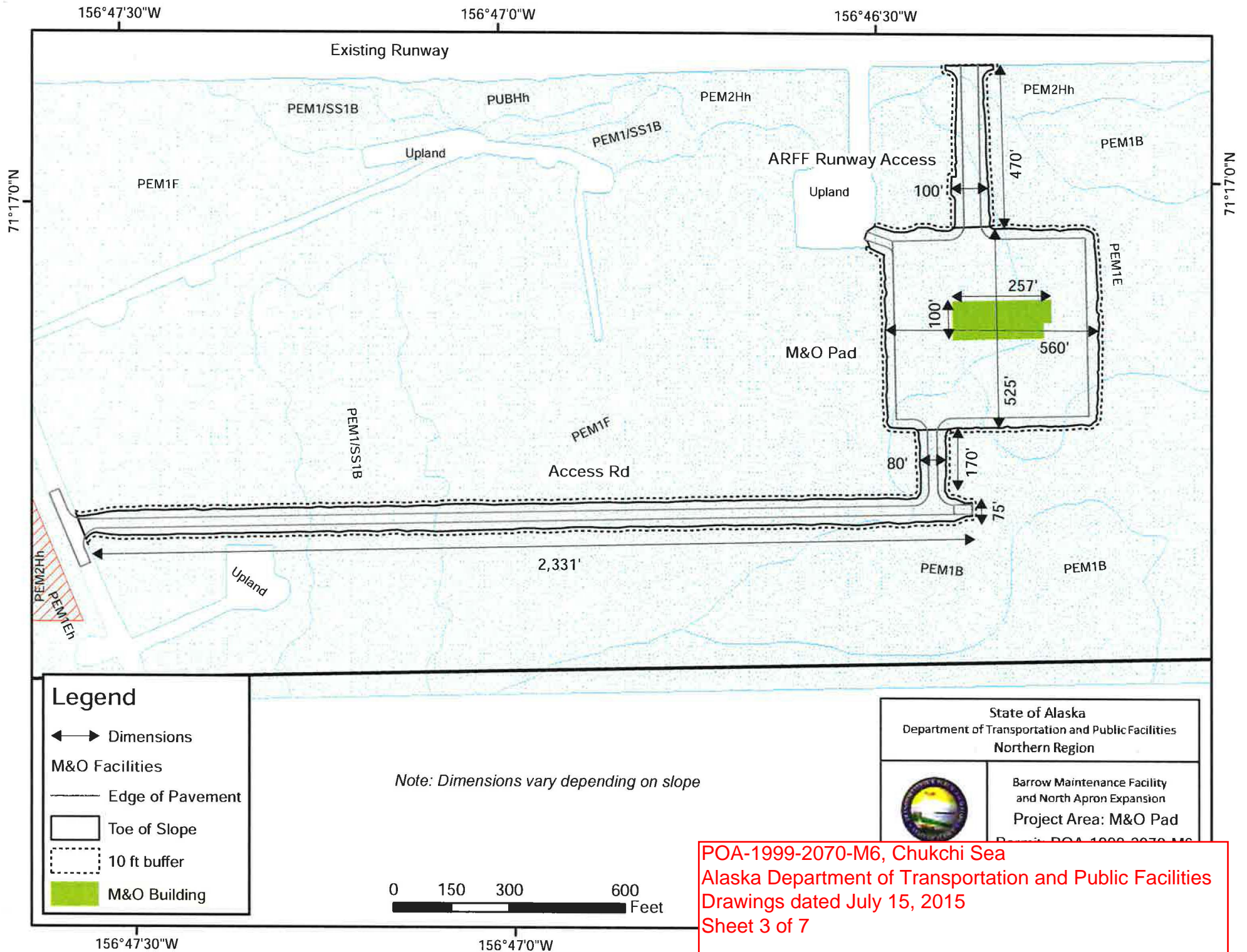


Barrow Maintenance Facility
 and North Apron Expansion
 Location and Vicinity Map

POA-1999-2070-M6, Chukchi Sea
 Alaska Department of Transportation and Public Facilities
 Drawings dated July 15, 2015
 Sheet 1 of 7



POA-1999-2070-M6, Chukchi Sea
 Alaska Department of Transportation and Public Facilities
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Legend

- ↔ Dimensions
- M&O Facilities
- Edge of Pavement
- ▭ Toe of Slope
- ⋯ 10 ft buffer
- M&O Building

Note: Dimensions vary depending on slope



State of Alaska Department of Transportation and Public Facilities Northern Region	
	Barrow Maintenance Facility and North Apron Expansion Project Area: M&O Pad

POA-1999-2070-M6, Chukchi Sea
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156°45'30"W

156°45'0"W

71°17'15"N

71°17'15"N

Note: Dimensions vary depending on slope

Existing Apron

PEM2Hh
PEM1/SS1B

North Apron Expansion

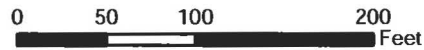
415'


280'

PEM2Fh
PEM1Fh

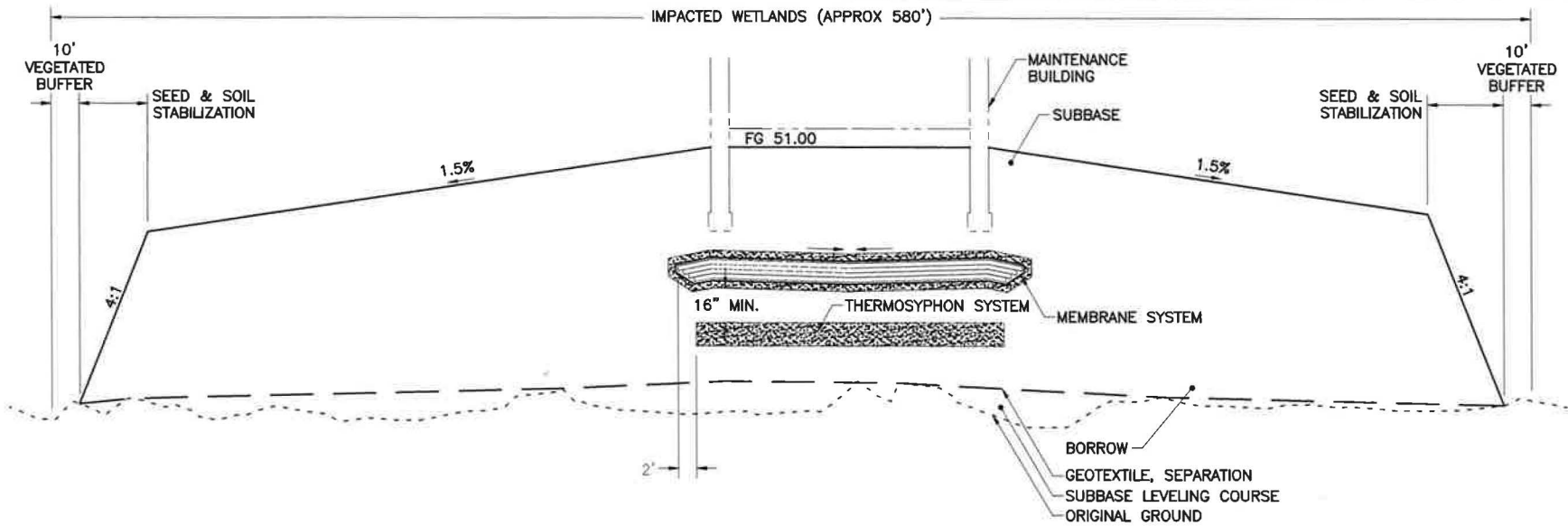
Legend

- ◄► Dimensions
- North Apron Expansion
- Edge of Pavement
- Toe of Slope
- ⋯ 10 ft buffer

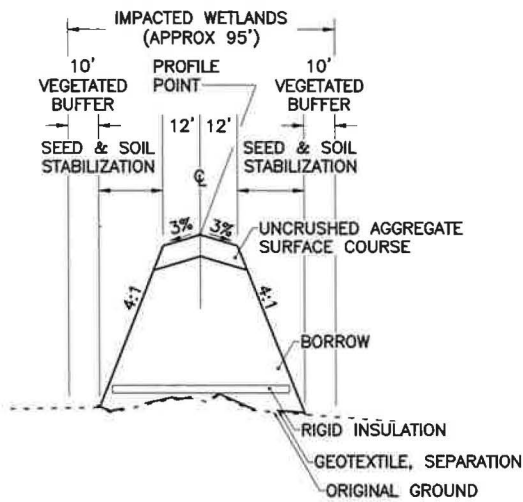


State of Alaska Department of Transportation and Public Facilities Northern Region	
	Barrow Maintenance Facility and North Apron Expansion Project Area: North Apron

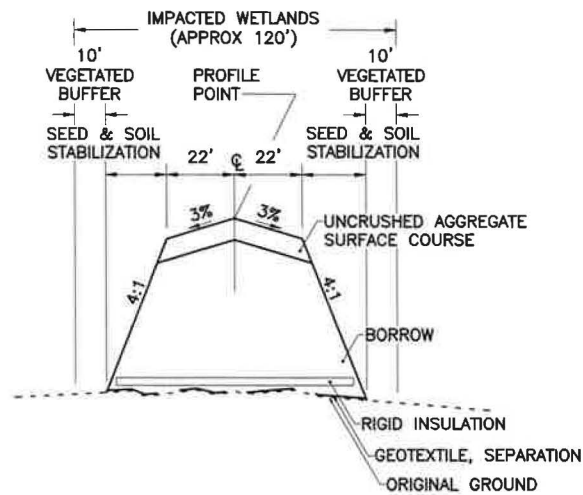
POA-1999-2070-M6, Chukchi Sea
 Alaska Department of Transportation and Public Facilities
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M&O PAD-TYPICAL SECTION



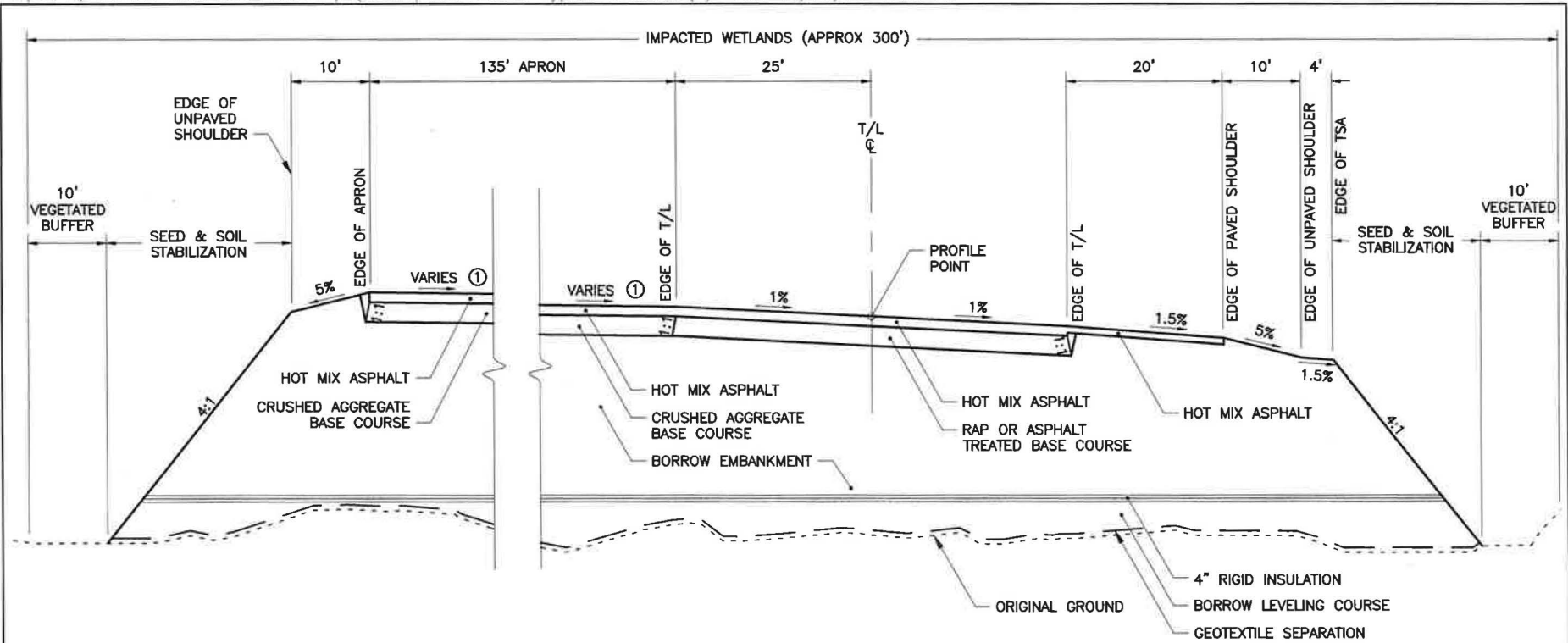
ACCESS ROAD-TYPICAL SECTION




ARFF RUNWAY A TYPICAL SECTION

STATE OF ALASKA Department of Transportation and Public Facilities NORTHERN REGION	
	Barrow Maintenance Facility and North Apron Expansion Permit Area: M&O Facilities

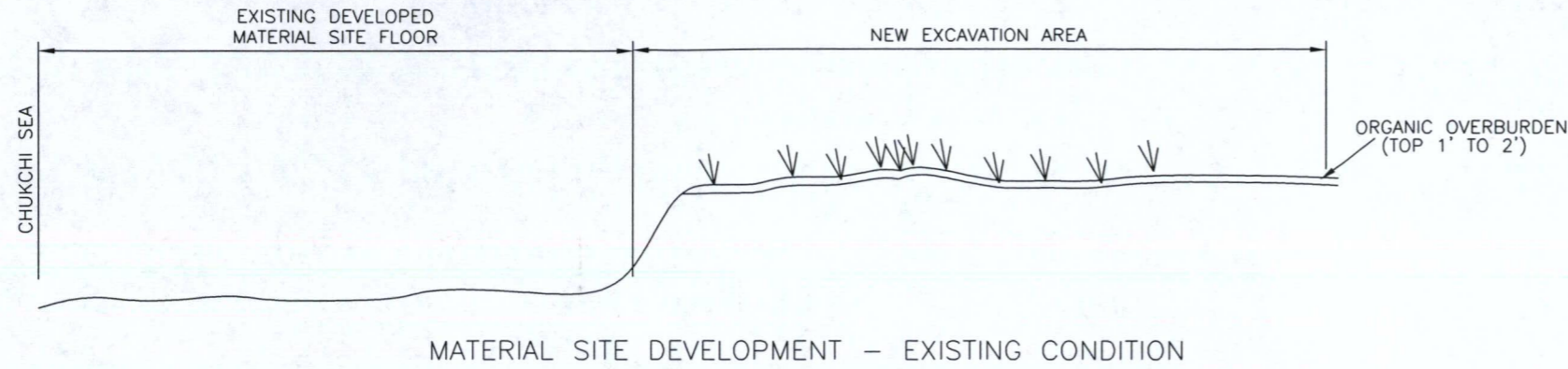
POA-1999-2070-M6, Chukchi Sea
 Alaska Department of Transportation and Public Facilities
 Drawings dated July 15, 2015
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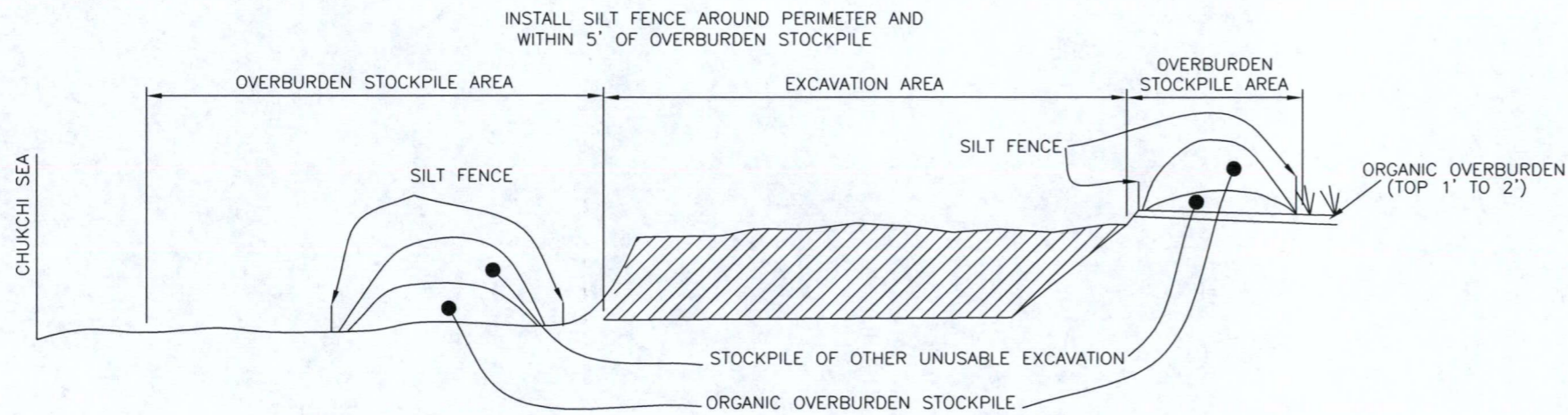
**NORTH APRON EXPANSION
TYPICAL SECTION**

STATE OF ALASKA Department of Transportation and Public Facilities NORTHERN REGION	
	Barrow Maintenance Facility and North Apron Expansion Permit Area: North Apron

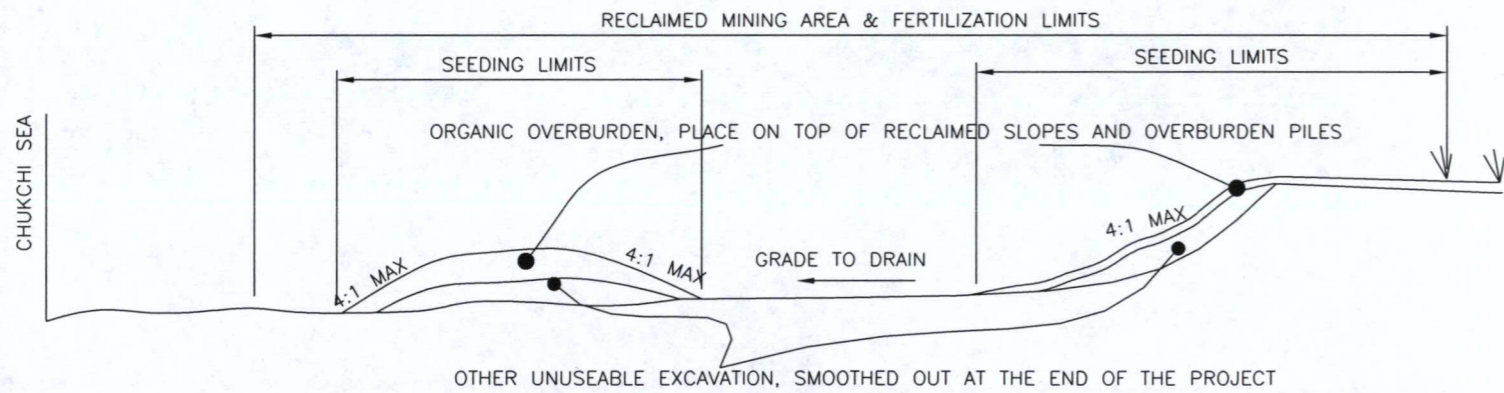
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 Alaska Department of Transportation and Public Facilities
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MATERIAL SITE DEVELOPMENT - EXISTING CONDITION



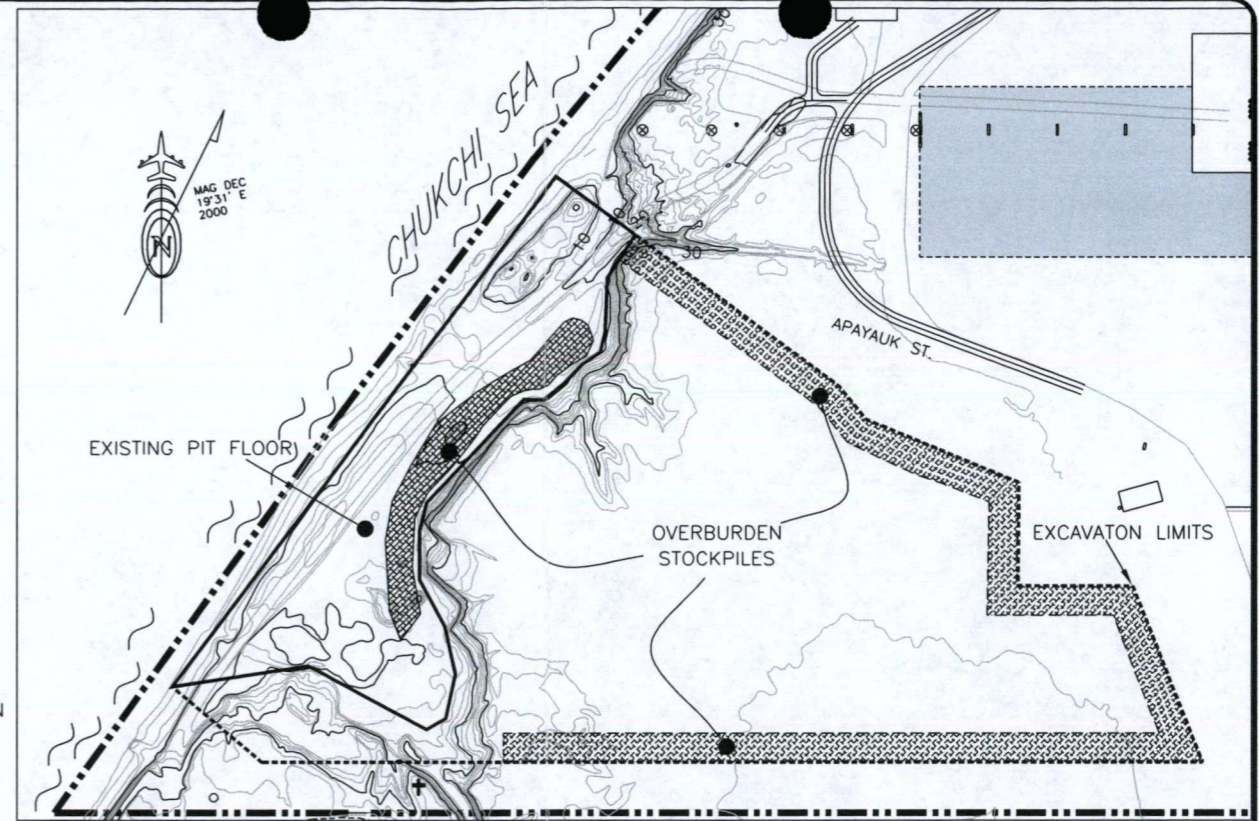
MATERIAL SITE DEVELOPMENT - OVERBURDEN STRIPPING AND MINING



MATERIAL SITE DEVELOPMENT - RECLAMATION

THE RECLAIMED SLOPES AND OVERBURDEN STOCKPILES ON THE PIT FLOOR SHALL BE SCARIFIED, SEED, AND FERTILIZED WITH 650 POUNDS OF 20-20-10 FERTILIZER PER ACRE. THE AREA SHALL THEN BE SEED WITH THE FOLLOWING SEED MIX AT A RATE OF 1 POUND PER 1000 SQUARE FEET. THE REMAINDER OF PIT FLOOR SHALL BE FERTILIZED WITH 650 POUNDS OF 20-20-10 FERTILIZER PER ACRE.

- 60% ARCTARED RED FESCUE
- 20% NORTRAN TUFTED HAIRGRASS
- 20% TUNDRA GLAUCOUS BLUE GRASS

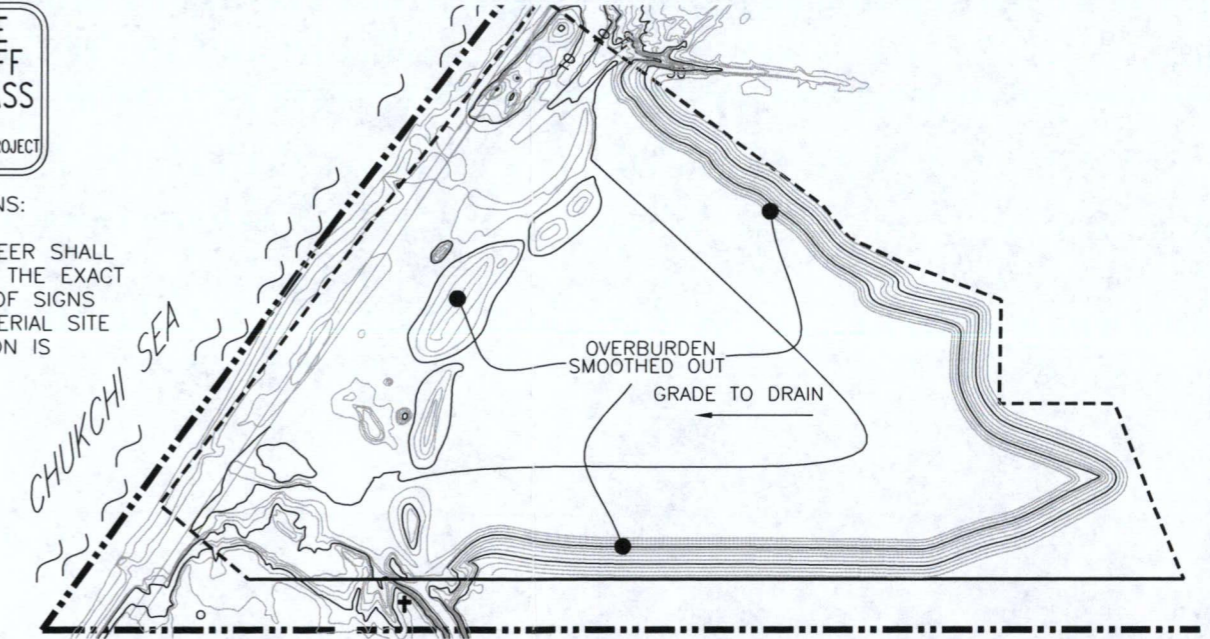


THE MAP ABOVE SHOWS POSSIBLE OVERBURDEN STOCKPILE LOCATIONS. THE EXACT LOCATION AND DIMENSION OF THE STOCKPILES SHALL BE DETERMINED BY THE CONTRACTOR. ACTUAL OVERBURDEN STOCKPILES MUST BE INSIDE OF EXCAVATION LIMITS. OVERBURDEN SHALL BE STOCKPILED TO BE USED AT THE END OF THE PROJECT FOR FLATTENING SLOPES AT THE EASTERN EDGE OF THE EXCAVATION. OVERBURDEN STOCKPILES ON THE EXISTING PIT FLOOR SHALL BE SPREAD OUT TO FORM A DISCONTINUOUS BARRIER BETWEEN THE CHUKCHI SEA AND THE MATERIAL SITE.

PLEASE STAY OFF THE GRASS
DOT&PF REVEGETATION PROJECT

PLACE SIGNS:

THE ENGINEER SHALL DETERMINE THE EXACT LOCATION OF SIGNS AFTER MATERIAL SITE RECLAMATION IS COMPLETE.



THE CONTOUR MAP ABOVE IS A CONCEPTUAL DESIGN OF THE FINISHED PIT FLOOR AFTER RECLAMATION IS COMPLETE. THE PURPOSE OF THE FIGURE IS TO DEMONSTRATE THE INTENT OF THE RECLAMATION PLAN. OVERBURDEN HAS BEEN SMOOTHED OUT AND USED TO FLATTEN SLOPES AND TO CREATE A DISCONTINUOUS BARRIER BETWEEN THE MATERIAL SITE AND THE CHUKCHI SEA.

DESIGN	JJH		
DRAWN	CAT		
CHECKED	CML		
BY	DATE	REVISIONS	

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
NORTHERN REGION

APPROVED _____ DATE _____
PATRICIA D. MILLER, P.E. DESIGN GROUP CHIEF



POA-1999-2070-M6, Chukchi Sea
Alaska Department of Transportation and Public Facilities
Drawings dated July 15, 2015
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