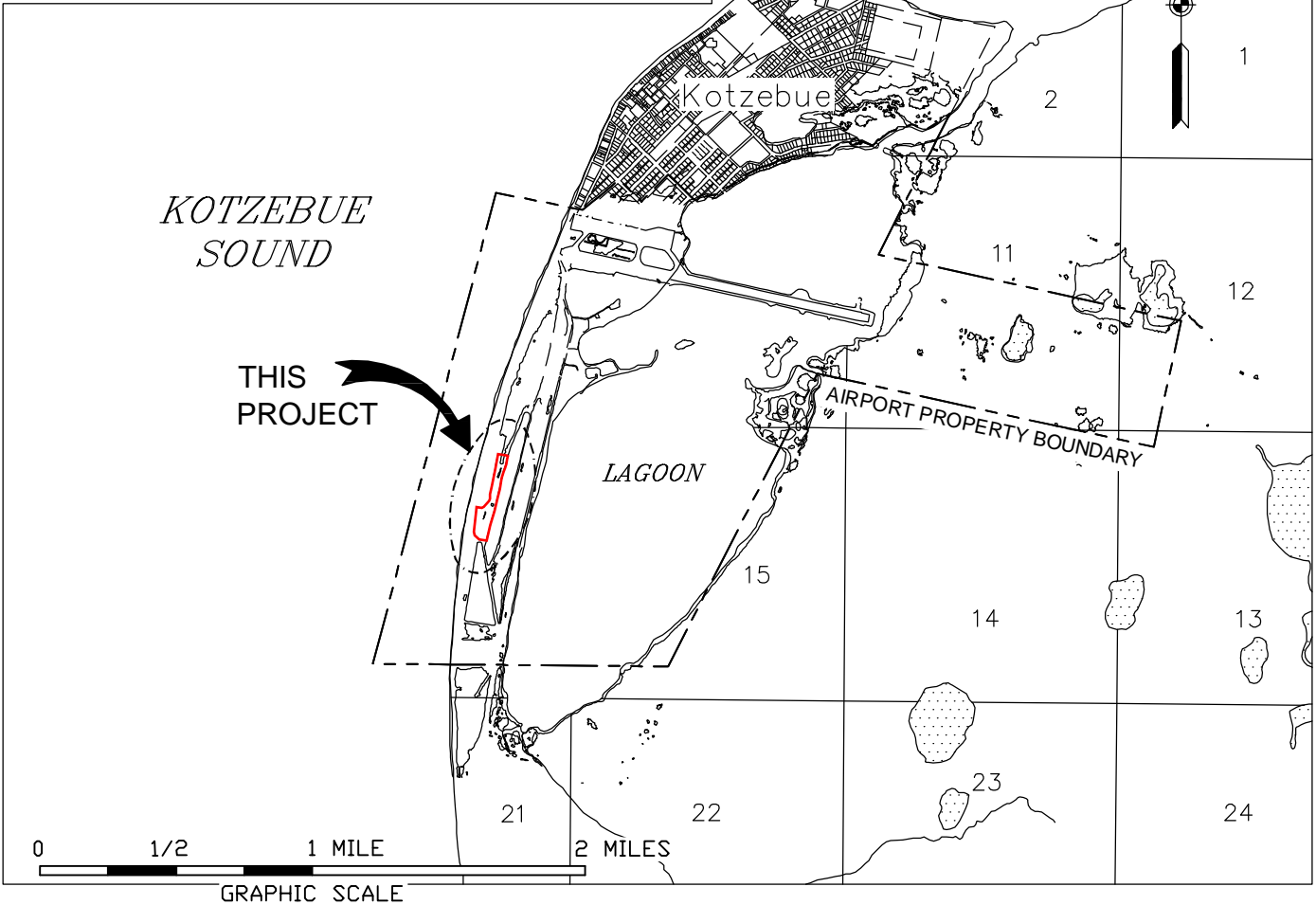
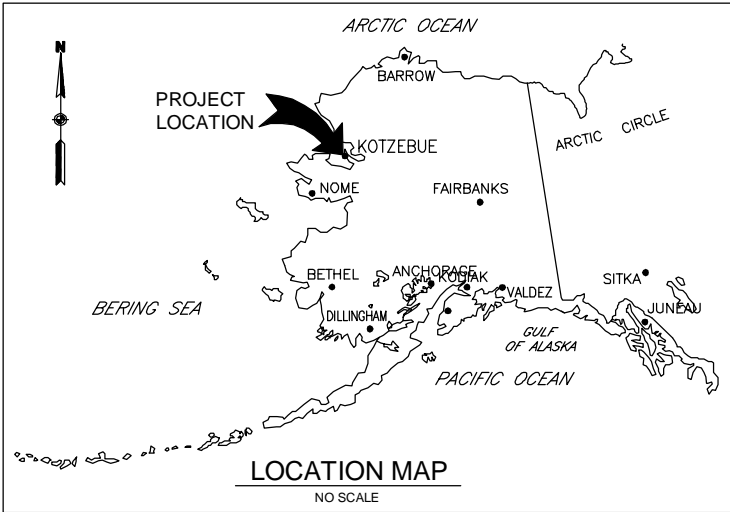
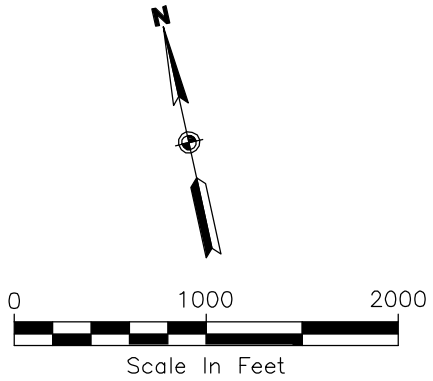
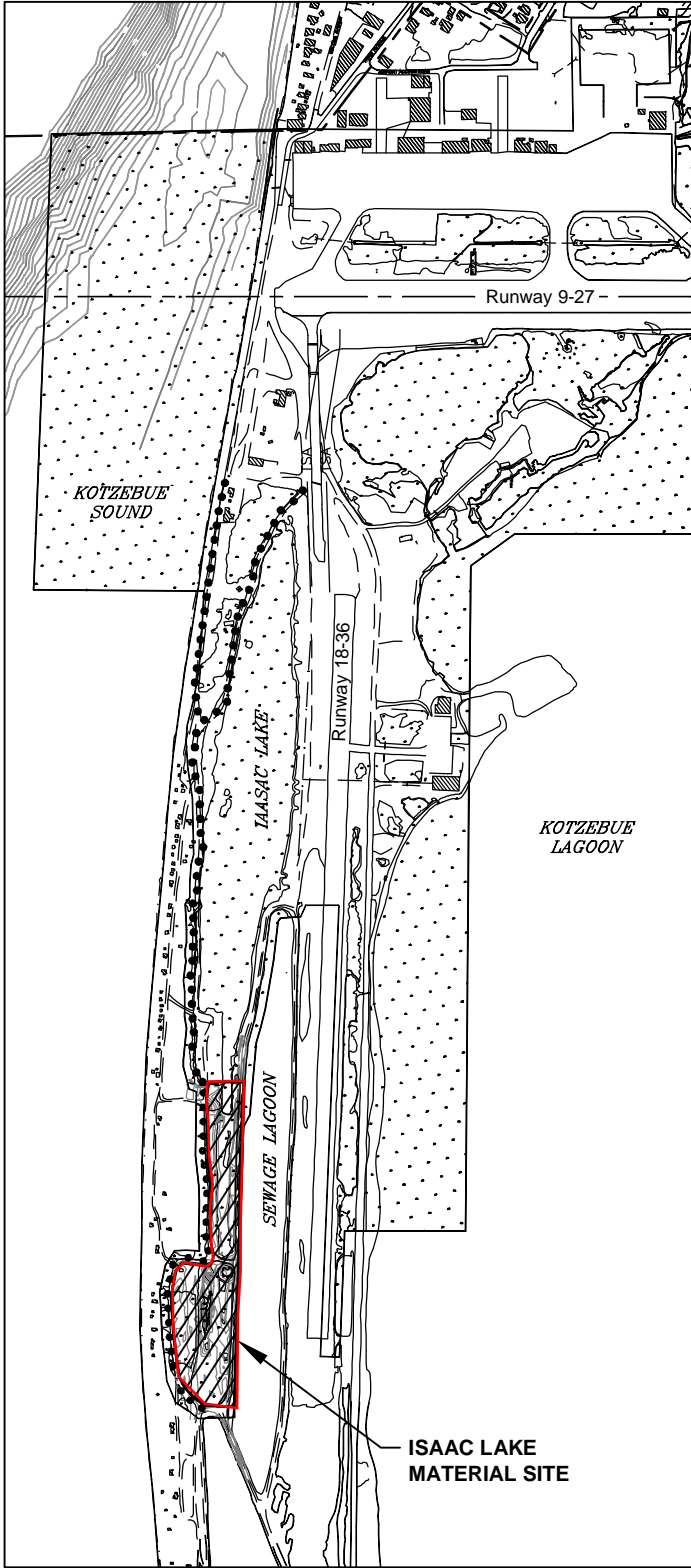


\\FBXFILE\Jobs\1410800\Dwgs\N\ACOE_Permits\Material_Site\1410800_MS_ACOE_FIG-01.dwg






Source: USGS Map KOTZEBUE (D-2)
 Located Within T.17N., R.18W., K.R.M., AK.
 Kotzebue Recording District

Project: Isaac Lake Material Site
 ACOE Permit #: POA-2012-917
 Application by: Brice Incorporated
 Location: Kotzebue, Alaska
 Sections: 16, T17N, R18W
 Kateel River Meridian
 Lat: 66.9856°N, Long: 162.8188°W
 USGS: Kotzebue (D-2), AK
 Water Body: Kotzebue Sound
 DATE: September 2013 SHEET 1 OF 4



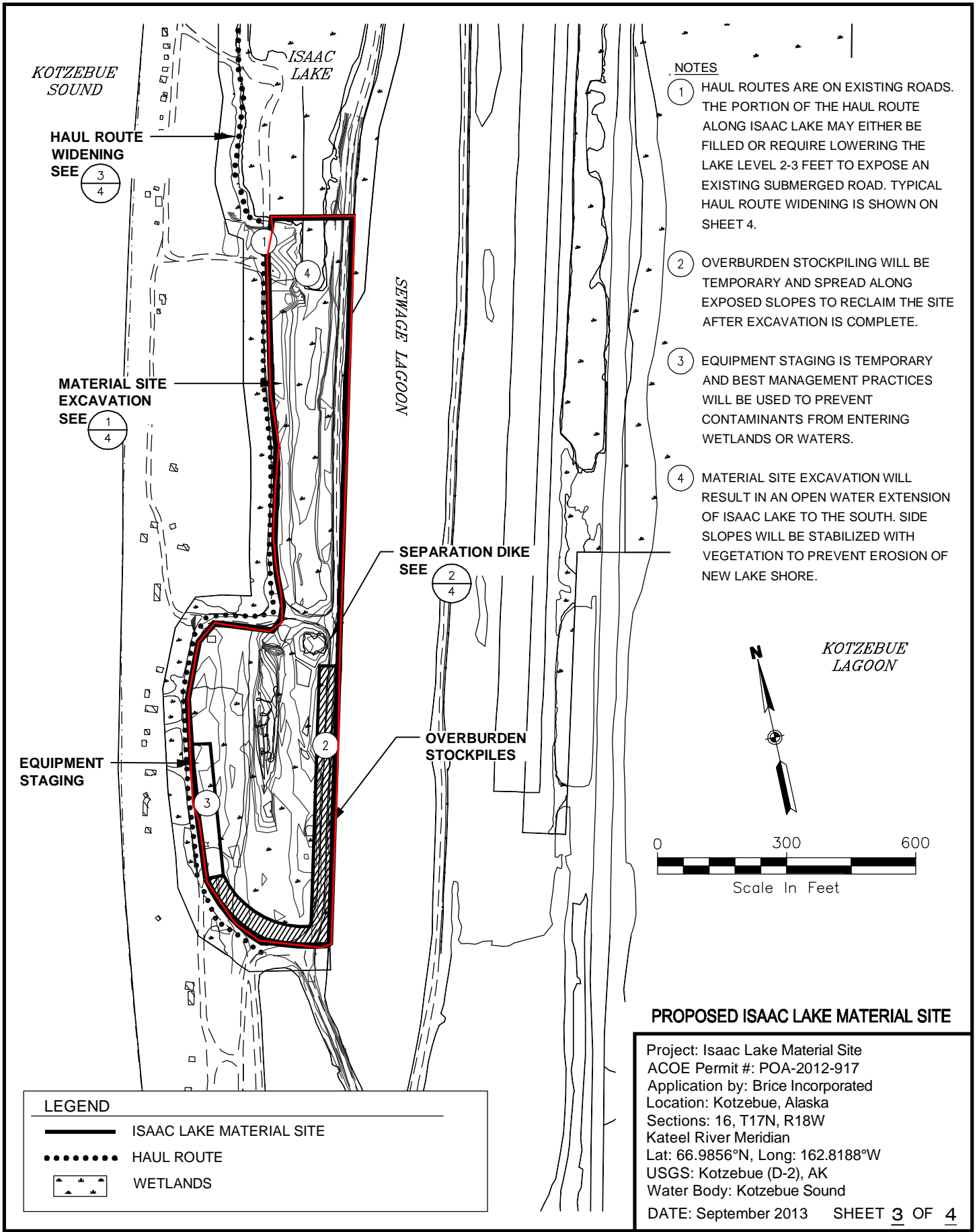
LEGEND

-  ISAAC LAKE MATERIAL SITE
-  HAUL ROUTES
-  WETLANDS

MATERIAL SITE & HAUL ROUTES

Project: Isaac Lake Material Site
 ACOE Permit #: POA-2012-917
 Application by: Brice Incorporated
 Location: Kotzebue, Alaska
 Sections: 16, T17N, R18W
 Kateel River Meridian
 Lat: 66.9856°N, Long: 162.8188°W
 USGS: Kotzebue (D-2), AK
 Water Body: Kotzebue Sound
 DATE: September 2013 SHEET 2 OF 4

\\FBXFILE\Jobs\1410800\Dwgs\Permits\Material_Site\1410800_MS_ACOE_FIG-03.dwg



NOTES

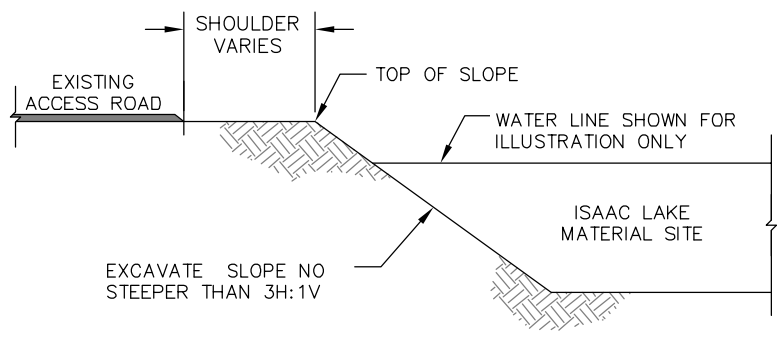
- ① HAUL ROUTES ARE ON EXISTING ROADS. THE PORTION OF THE HAUL ROUTE ALONG ISAAC LAKE MAY EITHER BE FILLED OR REQUIRE LOWERING THE LAKE LEVEL 2-3 FEET TO EXPOSE AN EXISTING SUBMERGED ROAD. TYPICAL HAUL ROUTE WIDENING IS SHOWN ON SHEET 4.
- ② OVERBURDEN STOCKPILING WILL BE TEMPORARY AND SPREAD ALONG EXPOSED SLOPES TO RECLAIM THE SITE AFTER EXCAVATION IS COMPLETE.
- ③ EQUIPMENT STAGING IS TEMPORARY AND BEST MANAGEMENT PRACTICES WILL BE USED TO PREVENT CONTAMINANTS FROM ENTERING WETLANDS OR WATERS.
- ④ MATERIAL SITE EXCAVATION WILL RESULT IN AN OPEN WATER EXTENSION OF ISAAC LAKE TO THE SOUTH. SIDE SLOPES WILL BE STABILIZED WITH VEGETATION TO PREVENT EROSION OF NEW LAKE SHORE.

LEGEND	
	ISAAC LAKE MATERIAL SITE
	HAUL ROUTE
	WETLANDS

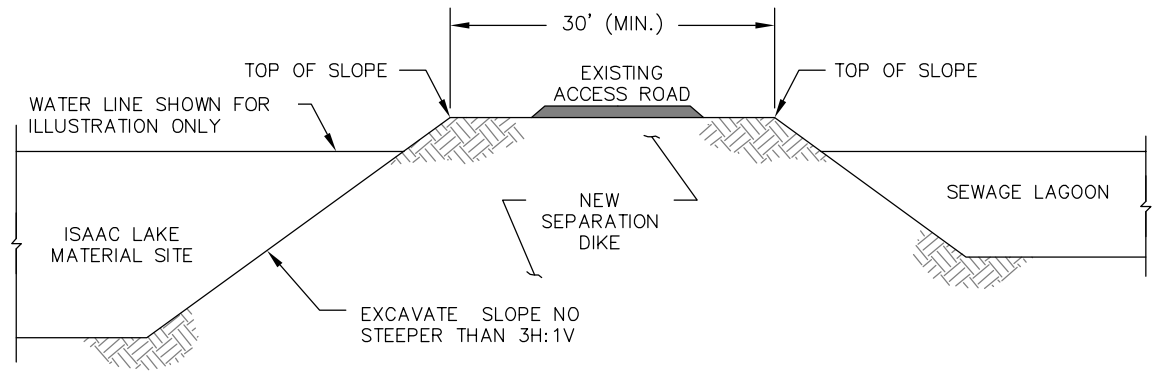
PROPOSED ISAAC LAKE MATERIAL SITE

Project: Isaac Lake Material Site
 ACOE Permit #: POA-2012-917
 Application by: Brice Incorporated
 Location: Kotzebue, Alaska
 Sections: 16, T17N, R18W
 Kateel River Meridian
 Lat: 66.9856°N, Long: 162.8188°W
 USGS: Kotzebue (D-2), AK
 Water Body: Kotzebue Sound
 DATE: September 2013 SHEET 3 OF 4

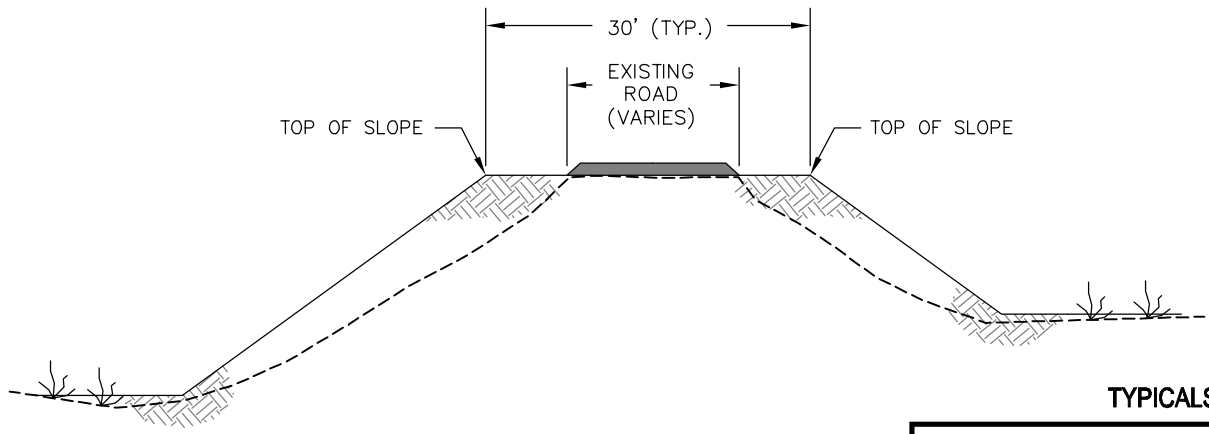
\\FBXFILE\Jobs\1410800\Dwgs\N\ACOE\Permits\Material_Site\1410800_MS_ACOE_FIG-04.dwg



1
4
TYPICAL EXCAVATION SLOPE
NOT TO SCALE.



2
4
TYPICAL EXCAVATION SLOPE AT NEW SEPARATION DIKE
NOT TO SCALE



3
4
TYPICAL HAUL ROUTE WIDENING
NOT TO SCALE

NOTE:
HAUL ROUTE WIDENING WILL VARY TO ONE SIDE OF THE EXISTING ROAD TO AVOID CULTURAL RESOURCES OR FILLING IN OPEN WATERS AS NECESSARY.

TYPICALS

Project: Isaac Lake Material Site
 ACOE Permit #: POA-2012-917
 Application by: Brice Incorporated
 Location: Kotzebue, Alaska
 Sections: 16, T17N, R18W
 Kateel River Meridian
 Lat: 66.9856°N, Long: 162.8188°W
 USGS: Kotzebue (D-2), AK
 Water Body: Kotzebue Sound
 DATE: September 2013 SHEET 4 OF 4