Community Map
PILE BAY

59° 46' 49" N 153° 53' 11" W (NAD 83)
Approximate Elevation: 50'
Townships 4 & 5 South, Ranges 26 & 27 West, S.M., AK
U.S.G.S. Quadrangle "ILIAMNA D-3", Alaska
ILIAMNA RECORDING DISTRICT

LEGEND

- Residential Building
- Edge of Water
- WCMC 1 USS 3526 Basis of Coordinates

0 200 400 600
SCALE IN FEET

SCALE: 1"=200'
Date of Photography: August 17, 2002
Magnetic Declination computed by U.S.G.S. Geomag Program using AK-2000.COF model as of August 1, 2003.

SHEET 1 of 2

MAP NOTES

This map was prepared by the Lake and Peninsula Borough in cooperation with the Alaska Department of Commerce, Community and Economic Development (Commerce) using funding from the Alaska Coastal Management Program, U.S. Bureau of Indian Affairs Transportation Planning, and funding from the Initiative for Accelerated Infrastructure Development (IAID). The IAID is supported by grants from the Denali Commission, USDA Rural Development, Alaska Department of Transportation and Public Facilities and Commerce. The Lake and Peninsula Borough contracted with Global Positioning Services, Inc. in May of 2003 to prepare the map.

This map should not be construed as a survey. On-site surveys should be conducted prior to engineering or construction.

This map was compiled to meet horizontal and vertical accuracy in accordance with national map accuracy standards.

Property and utility information has been generated from readily available sources with limited accuracy checks. Property information is not intended to represent a title search of the Recorder's Office record. Utility location is approximate and shows only the main lines as the service lines have been omitted for clarity. Generally, the information is current as of December 2003.

This map is based on photography acquired on August 17 and 28, 2002, at a nominal scale, of 1 in. = 1000 ft. and 1 in. = 800 ft.

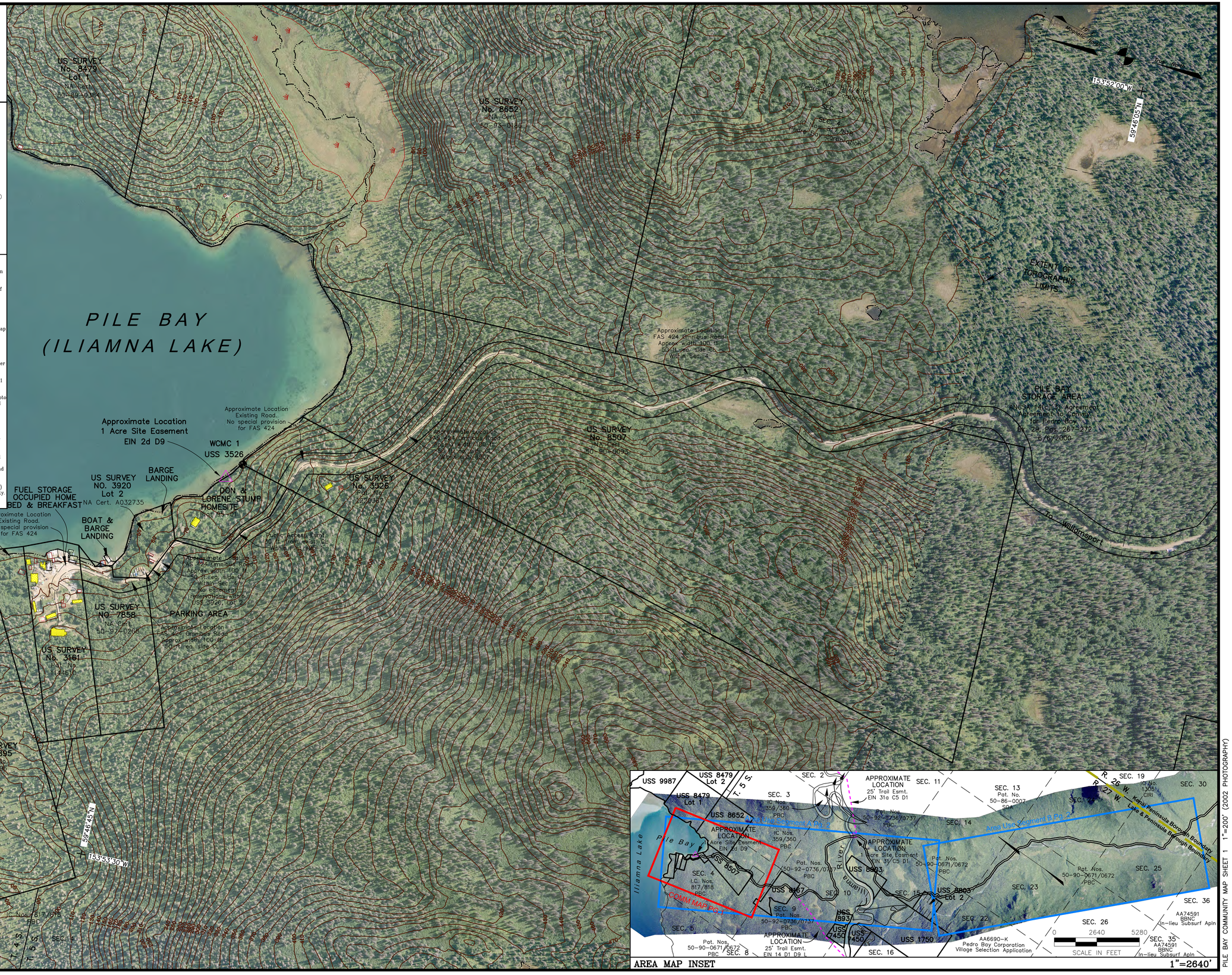
AeroMap U.S prepared the Orthophoto and topographic mapping. The orthophoto is an aerial photo which has been corrected, by rectification to ground control stations, to remove distortions and warpage due to ground topography and aircraft tilt and trim.

HORIZONTAL AND VERTICAL CONTROL

The control monument for the digital orthophoto was "ILIAMNA EAST BASE." Published horizontal datum NAD 1983 coordinates for this monument are North 59° 45' 47.810" and West 154° 49' 14.524". The vertical datum NGVD 1929 for this monument is 164.30 feet above mean high water (MHW).

The Village of Pile Bay has been adjusted to this control using high-precision GPS methods and the adjusted coordinates and elevation for U.S.S. No. 3526 WCMC 1 was calculated to establish a local control reference. The NAD 83 coordinates for this monument are North 53° 45' 34.106" and West 161° 35' 18.806" and the elevation is 71.68 ft. above mean high water (MHW).

The contours were prepared at two (2) foot contour intervals with index contours every ten (10) feet. Two foot contours have been omitted in steep areas, leaving the index contours for clarity.



PILE BAY COMMUNITY MAP SHEET 1 1"=200' (2002 PHOTOGRAPHY)