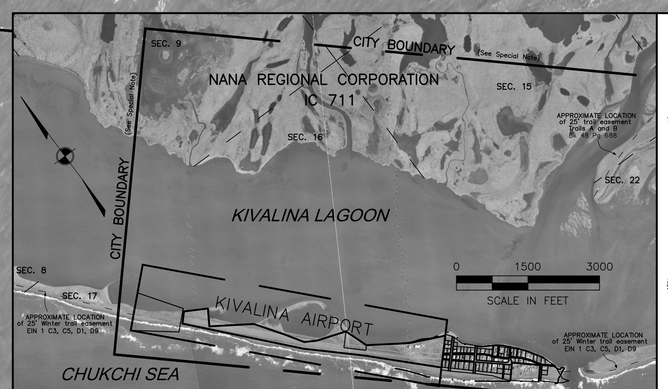
BUILDING KEY

1. Native Store Tank Farm
2. School Tank Farm
3. School Rental Unit
4. McQueen School
5. Kivalina Native Store
6. Native Store Warehouse
7. Old Tank Farm
8. Native Store Storage
9. Friends Church Storage
10. Water Pump House
11. Friends Church
12. Washeteria
13. Water Tank
14. Alaska Army National Guard
15. Water Tank
16. Clinic
17. City Rental Unit
18. OTZ Telephone Co-op
19. City Rental Unit
20. City Bingo Hall
21. Community Hall
22. Alaska Village Electric
23. AVEC Tank Farm
24. Epiphany Church
25. Post Office
26. City Hall/IRA Office
27. City Storage
28. Public Safety/City Jail
29. GCI Phone Module
30. Friends Church Cabin
31. IRA Council Storage
32. Heavy Equipment Storage
33. DOT Hangar

SPECIAL NOTE

City Boundary

The official 1969 metes and bounds description of the City designates that the City of Kivalina boundaries are located slightly northeast of the boundaries displayed herein. However, the department of Community and Economic Development considers the City of Kivalina municipal boundary shown in this profile to reflect the intent of the petitioners for incorporation of the City of Kivalina. Correction of the metes and bounds description of the City requires action by the Alaska Local Boundary Commission and approval by the Alaska Legislature.



AREA MAP INSET 1"=1500'

MAP NOTES

This map was prepared under the direction of the Northwest Arctic Borough by McClintock Land Associates, Inc. It was funded by the Alaska Coastal Management Program, Office of the Governor, pursuant to National Oceanic and Atmospheric Administration Award No. NA97020153 and the NANA Regional Corporation. The grant has been administered by the Alaska Office of the Governor, Division of Governmental Coordination, and the Department of Community and Economic Development, Municipal and Regional Assistance Division.

This map is based upon a digital orthophoto prepared to National Map Accuracy Standards from August 17, 1999 photography (original scale 1" = 500').

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.

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

Property and utility information has been generated from readily available sources with limited accuracy checks. Property information does not include a search of Recorders Office records. Utility location is particularly imprecise and shows only the main lines as the service lines have been omitted for clarity. Generally, the information is current as of November 15, 1999.

ELEVATION DATA

The datum for the elevation on this map is feet above mean high water (MHW). The State of Alaska, Department of Natural Resources, established several tidal bench marks on this datum at Kivalina, in 1984 in coordination with NOAA. These bench marks were not found in 1999 and are presumed to have been destroyed by erosion since that time. However; during a separate survey project in 1990, McClintock Land Associates tied these bench marks into a brass cap monument at the Witness Corner to the bench mark for this 1999 mapping project and has an elevation of 6.92 feet (MHW).

FLOOD DATA

The U.S. Army Corps of Engineers report "Community Improvement Feasibility Report Kivalina, AK" (April 1998), estimates the 100-year water level to be 10.6 feet above mean lower low water, including wave setup. This is equivalent to 9.83 feet above mean high water (MHW), which was the datum used on this map.(see ELEVATION DATA)

Community Map
KIVALINA

67° 43' 41" N 164° 32' 06" W (NAD 27)
Approximate Elevation: 10'
Township 27 North, Range 26 West, K.R.M., AK
U.S.G.S. Quadrangle "NOATAK C-5," Alaska
KOTZEBUE RECORDING DISTRICT

LEGEND

- Residential Building
- Commercial Building
- Public Building
- Edge of Water
- Electric Line w/pole
- Underground Elec. Line
- Cable Television Line
- Telephone Line w/pole
- Sewer Line
- Sewer Force Main
- Water Line
- Fuel Line
- Street Light
- Earth Station
- Generator
- Windmill

SCALE: 1"=100'
Date of Photography: August 17, 1999
Magnetic Declination computed by U.S.G.S. Geomag Program using AK-1995.COF model as of November 15, 1999.

0 100 200 300 SCALE IN FEET

SHEET 1 of 2

KIVALINA COMMUNITY MAP SHEET 1 1"=100' (1999 PHOTOGRAPHY)