



February 20, 2024

Golovin, Alaska Finish Floor Elevation Study
ANTHC Project No. AKAJK9-1499MDS

The data provided is from a field survey completed by ANTHC on February 13, 2024. Project elevations are NAVD88 Orthometric heights (U.S. Feet), computed using GEIOD12B, and were measured utilizing Trimble R12i GPS Receivers using RTK GPS.

BASIS OF HORIZONTAL CONTROL:

The Basis of Horizontal Control is ANTHC Point 1, NOAA tidal benchmark USLM 3651 1970, NOAA station designation USLM 3651, a 3 ¼ inch diameter brass cap on an iron post set west of cemetery. The position for this point was derived through a static GPS session using a Trimble R12i GPS Receiver post processed using the National Geodetic Survey (NGS) Online Positioning User Service (OPUS). Said point has the following coordinates:

NAD83(2011)(EPOCH2010.00) Geodetic Coordinates:

Latitude = 64° 32' 41.11055" N

Longitude = 163° 01' 49.41314" W

NAD83(2011)(EPOCH2010.00) Alaska State Plane Zone 7, U.S. Feet:

Northing = 3,854,821.1155'

Easting = 1,478,250.3280'

BASIS OF VERTICAL CONTROL:

The Basis of Vertical Control is ANTHC Point 1, NOAA tidal benchmark USLM 3651 1970, NOAA station designation USLM 3651, a 3 ¼ inch diameter brass cap on an iron post set west of cemetery. Said point has a NAVD88 Orthometric height of 27.451m/90.06'.

Sincerely,

Paul Russell, PLS
Survey Manager

Enclosures:

- Golovin-FF_AKSPZ7.csv
- Golovin-FF_NAD83(2011).csv
- OPUS Report_Pt-1_20240213.pdf
- Published Bench Mark Sheet for 9468793 GOLOVIN, AK.pdf