

HORIZONTAL CONTROL STATEMENT

Coordinate System:
This project is located entirely within the "LIONS", a U.S. Survey Foot local surface grid coordinate system developed by the Alaska Department of Transportation.

Basis of Coordinates:
The Basis of Coordinates is Point #718, a Witness Point on the North Line of Tract 5, ANCSA 14(c). Said point has "LIONS" coordinates of 80,000.0000 N, 50,000.0000 E.

Basis of Bearings:
The Basis of Bearings is a local ground bearing between Point #718 and Point #712, the Southwest Corner of Tract 5, ANCSA 14(c), Port Lions, Alaska. Point #712 bears S 70° 20' 25" W a distance of 4400.95 U.S. Survey Feet from Point #718.

Translation Parameters:
To convert the local coordinates to NAD83(CORS96)(EPOCH 2003) Alaska State Plane Zone 5, U.S. Survey Foot coordinates:

1. Rotate local coordinates around point #718 by -00° 58' 34"
2. Translate local coordinates using +1,341,234.1550 N, +1,814,882.1835 E
3. Scale resulting coordinates using 0.9999501666

VERTICAL CONTROL STATEMENT

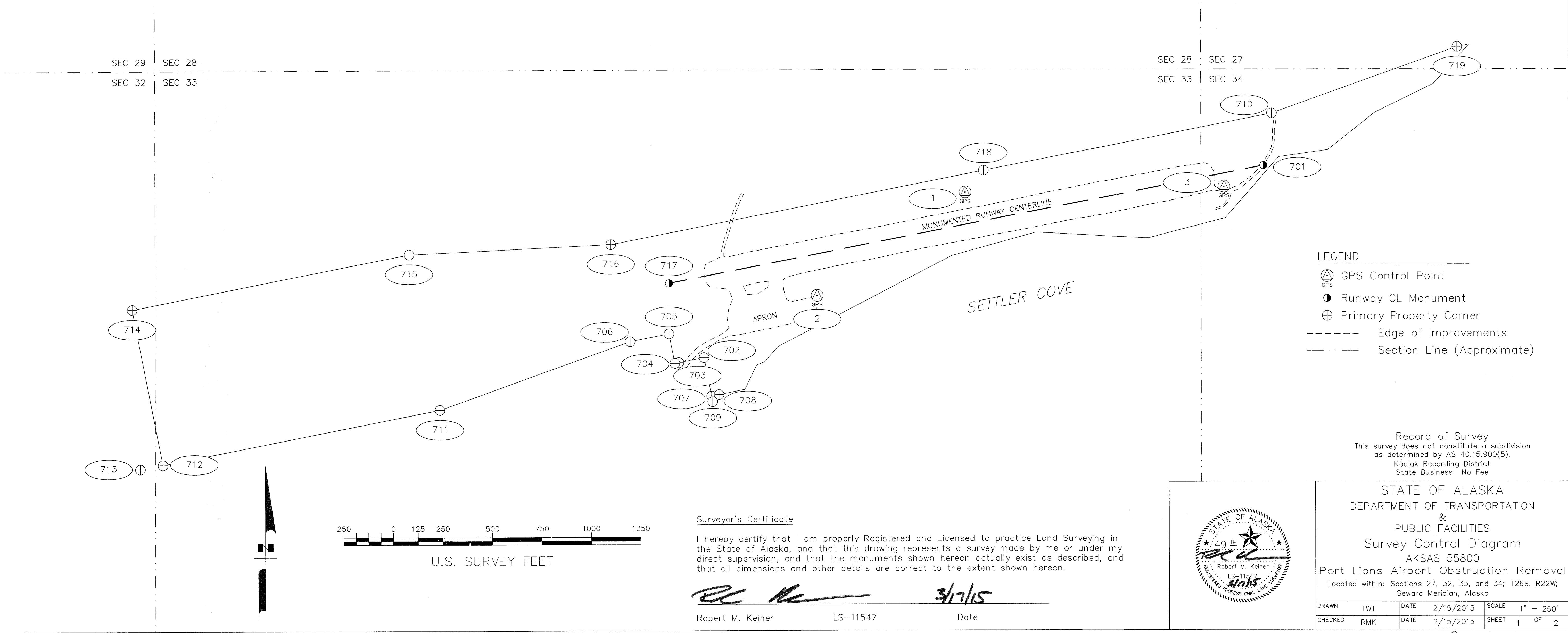
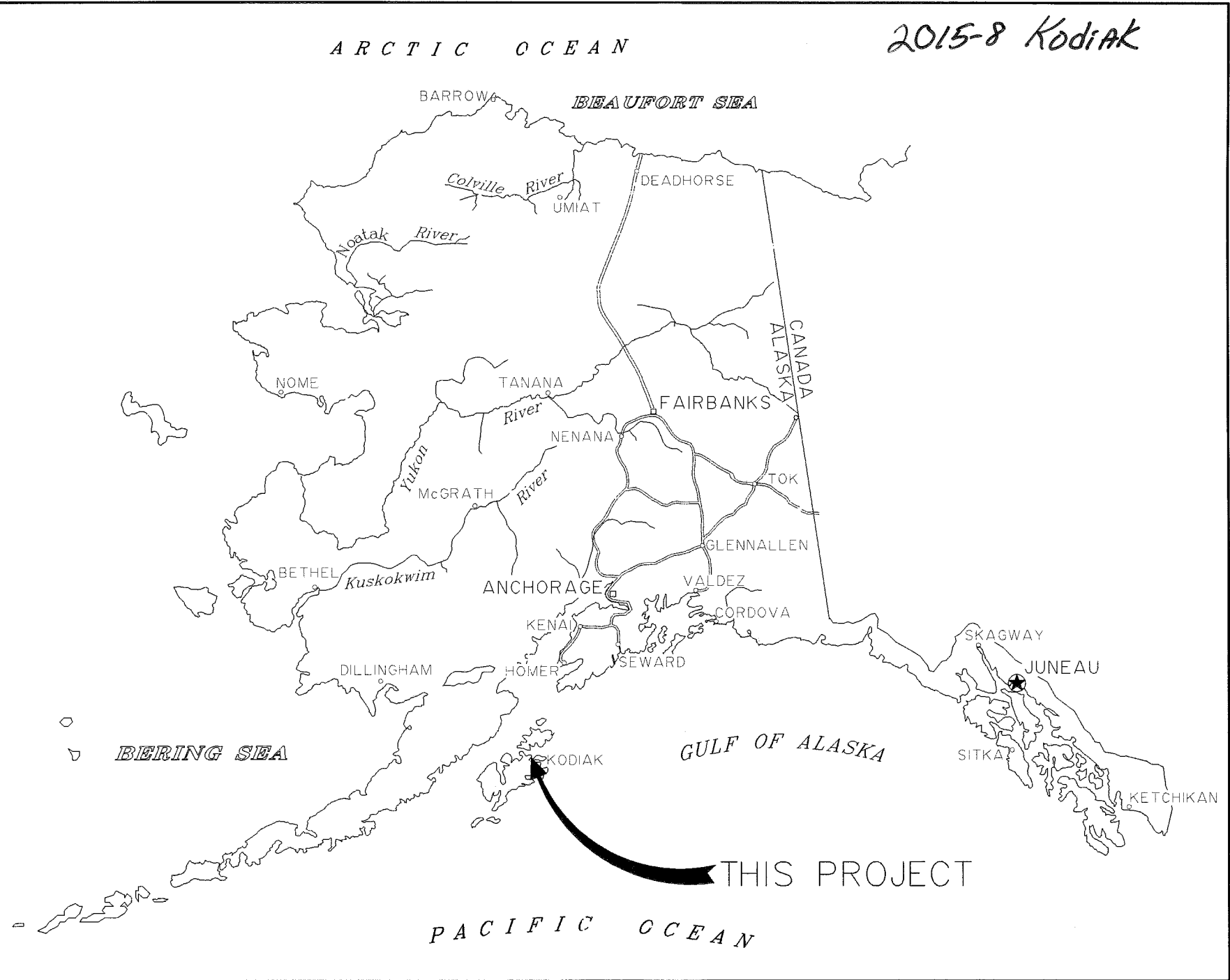
The vertical datum is NAVD 88 using GEOID 12A separations, as determined by NGS OPUS solutions. The elevation of 25.05' was held on Point #1, ORI 1.

Third order level loops were complete using a Leica DNA03 level.

Elevations must be field verified before use.

NOTES

- 1) Project control coordinates shown on this sheet were established by using least-squares adjusted, conventional closed-traverse and Static GPS techniques.
- 2) All dimensions and coordinates shown are in U.S. Survey Feet unless otherwise noted.
- 3) This survey was completed in September 2014.
- 4) The intent of this document is to show relative monument locations only. No boundary or ownership determinations were made for this project. Background information is for orientation purposes only.
- 5) Refer to Plat No. 2006-8, Kodiak Recording District, for other information.
- 6) See sheet 2 for coordinate tables and monument descriptions.

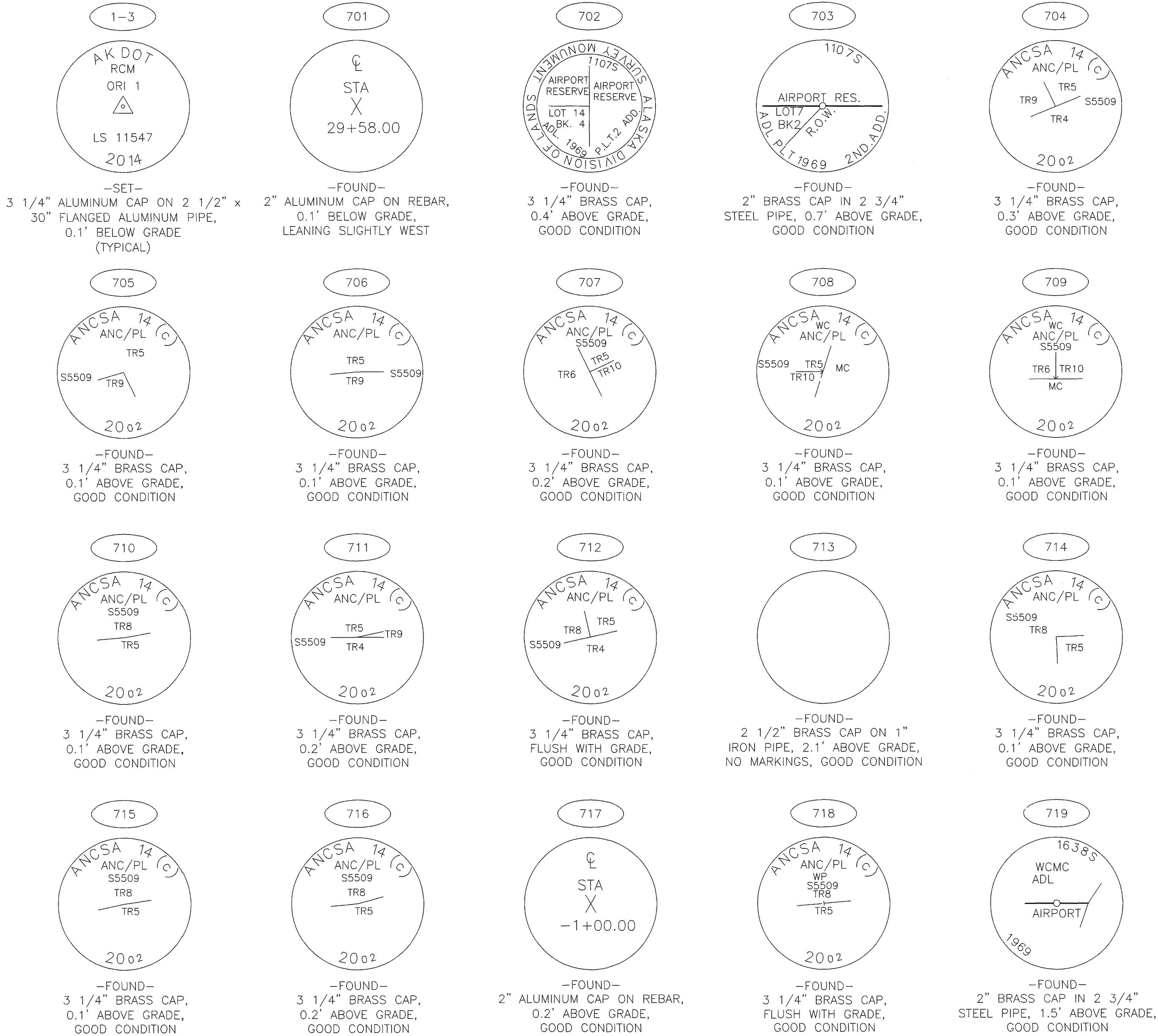


FOUND MONUMENTATION				
Point	Northing	Easting	Description	
701	80023.0869	51412.0413	Fd Rbr/AC: Runway CL 59+28.00	
702	79057.3367	48587.4979	Fd BC[1107]: NE Tract 6 Port Lions Airport ANCSA 14(c)	
703	79032.2993	48461.1629	Fd BC[1107]: NE Tract 4 Port Lions Airport ANCSA 14(c)	
704	79028.5215	48440.6653	Fd BC: SE Tract 9 Port Lions Airport ANCSA 14(c)	
705	79177.0496	48411.0230	Fd BC: NE Tract 9 Port Lions Airport ANCSA 14(c)	
706	79138.0081	48214.9522	Fd BC: Angle Point N Line Tract 9 Point Lions Airport ANCSA 14(c)	
707	78862.5970	48625.8928	Fd BC: NW Tract 10 Port Lions Airport ANCSA 14(c)	
708	78870.1252	48663.5960	Fd BC: WCMC NE Tract 10 Port Lions Airport ANCSA 14(c)	
709	78834.3693	48631.4248	Fd BC: WCMC SW Tract 10 Port Lions Airport ANCSA 14(c)	
710	80286.6659	51453.8209	Fd BC: CE Angle Point N Line Tract 5 Port Lions Airport ANCSA 14(c)	
711	78794.7246	47254.0392	Fd BC: SW Tract 9 Port Lions Airport ANCSA 14(c)	
712	78519.3684	45855.6004	Fd BC: SW Tract 5 Port Lions Airport ANCSA 14(c)	
713	78497.7998	45741.6030	Fd BC: ADL Corner Tract 4 Port Loins Airport	
714	79304.3656	45701.2415	Fd BC: NW Tract 5 Port Lions Airport ANCSA 14(c)	
715	79579.6895	47099.3392	Fd BC: W Angle Point N Line Tract 5 Port Lions Airport ANCSA 14(c)	
716	79628.8382	48118.1800	Fd BC: CW Angle Point N Line Tract 5 Port Lions Airport ANCSA 14(c)	
717	79431.9543	48411.9753	Fd Rbr/AC: Runway CL 29+00.00	
718	80000.0000	50000.0000	Fd BC: WP N Line Tract 5 Port Lions Airport ANCSA 14(c)	
719	80622.3061	52390.5792	Fd BC: WCMC Tract 5 Port Lions Airport ANCSA 14(c)	

SET CONTROL				
Point	Northing	Easting	Elevation	Description
1	79889.9766	49907.4795	25.05	Set AM[DOT]: ORI 1
2	79369.1852	49159.6060	43.37	Set AM[DOT]: ORI 2
3	79916.9947	51213.6336	18.04	Set AM[DOT]: ORI 3

NOTES

1) See sheet 1 notes and control information.



Record of Survey
This survey does not constitute a subdivision
as determined by AS 40.15.900(5).
Kodiak Recording District
State Business No Fee

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
Survey Control Diagram
AKSAS 55800
Port Lions Airport Obstruction Removal
Located within: Sections 27, 32, 33, and 34; T26S, R22W;
Seward Meridian, Alaska

DRAWN	TWT	DATE	2/15/2015	SCALE	N/A
CHECKED	RMK	DATE	2/15/2015	SHEET	2 OF 2

