

RECOVERED MONUMENTS			
Point #	Local Northing	Local Easting	DESCRIPTION
701	92030.721	65612.265	Fd 4"Bronze Disk[NOT MARKED];
704	92428.015	64715.481	Fd 3-1/4" AC[BLM]; AP4 TR8[S34 *T72S R117W
705	92590.672	64832.342	Fd 3-1/4" AC[BLM]; AP5 TR3[S34 1986 *T72S R117W
706	92881.824	64425.860	Fd 4" Bronze Disk[NOT MARKED];
709	92276.206	65131.160	Fd 1-1/2" AC[LS 5152]; ROW PC 1994
710	92029.015	65378.727	Fd 1-1/2" AC[LS 5152]; ROW PC 1994
711	91951.836	65555.699	Fd 1-1/2" AC[LS 5152]; ROW/TR2 1994
712	91918.727	65531.759	Fd 1-1/2" AC[LS 5152]; ROW/TR2/TR1 1994
713	91868.245	65495.536	Fd 3-1/4" AC[BLM]; S34/AP3 TR38 1986 *T72S R117W
714	91897.761	65579.239	Fd 1-1/2" AC[LS 5152]; ROW/L2 B4 1993
715	91934.032	65596.266	Fd 1-1/2" AC[LS 5152]; ROW/TR2 1993
716	91859.255	65660.102	Fd 1-1/2" AC[LS 5152]; ROW PC/L2 1994
717	91987.925	65739.141	Fd 2" AC[6714-S]; ILMA ADL 217395/ATS 1394 TRB 1990

RECOVERED MONUMENTS			
Point #	Local Northing	Local Easting	DESCRIPTION
718	91119.828	65942.725	Fd 1-1/2" AC[NOT MARKED];
719	90575.037	65969.732	Fd 1-1/2" AC[LS 5152]; RO  1994
720	90567.031	65890.536	Fd 3-1/4" AC[BLM]; WCMC TR38 AP8[S34 *T72S R117W
721	90400.293	65873.173	Fd 3-1/4" AC[BLM]; S34/AP1 TR37[S58 1986 *T72S R117W
722	90511.560	65837.527	Fd 2-1/2" AC[6714S]; ATS 1394 TRA WCMC 177.3 COR 2 1990
723	90510.074	65830.588	Fd 2" AC[LS 5144]; PS 2 L-1 1997
724	90746.969	65554.586	Fd 2" AC[LS 5152]; ROW PC 1994
725	90689.672	65418.663	Fd 1-1/2" AC[LS 5152]; PC ROW/TR 1 1994
726	90417.490	65170.439	Fd 1-1/2" YPC[ILLEGIBLE]; SEGE R LS
727	90469.540	65064.123	Fd 5/8" Rbr
728	91917.146	65770.002	Fd 5/8" Rbr
729	90515.163	65930.389	Fd 5/8" Rbr
730	93402.992	62564.850	Fd 2-1/2" DC/BX[DOT 4725-S]; 2+219.029 1998

RECOVERED AIRPORT CONTROL				
Point #	Northing	Easting	Elevation	DESCRIPTION
551	92319.099	64380.466	14.961	Fd 3-1/4 BC[11797]; DUT E 2010 (PAC)
552	92451.784	63512.372	12.106	Fd 3-1/4 BC[11797]; DUT D 2010 (SAC)
553	90878.648	65550.931	13.189	Fd 3-1/4 BC[NOS]; DUT A 1987 (SAC)

SET PROJECT CONTROL				
Point #	Northing	Easting	Elevation	DESCRIPTION
1	93670.150	62503.364	19.013	Set RBR/RPC[USKH]; CONTROL POINT
2	91191.466	64519.284	11.381	Set RBR/RPC[USKH]; CONTROL POINT
3	91314.546	64968.091	13.853	Set RBR/RPC[USKH]; CONTROL POINT

SURVEY NOTES

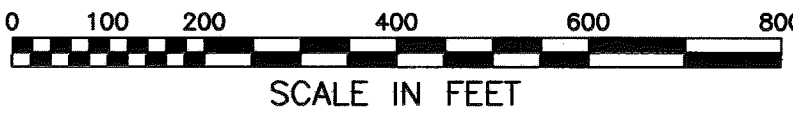
1. See Sheet 2.

LINETYPE & HATCH LEGEND

- EDGE OF STRUCTURE
- EDGE OF CONCRETE
- EDGE OF GRAVEL
- EDGE OF PAVEMENT
- FENCE
- GUARD RAIL
- MEAN HIGH WATER CONTOUR
- AIRPORT EXTERIOR BOUNDARY
- TRACT & PARCEL LINES
- STRUCTURE
- CONCRETE

LEGEND

- PRIMARY BLM/GLO MONUMENT
- PRIMARY NGS CONTROL
- SET PROJECT CONTROL
- PROPERTY CORNER
- POINT NUMBER IDENTIFIER



Aleutian Islands Recording District  
State Business - No Fee  
This survey does not constitute a subdivision  
as defined by AS 40.15.900(5)



STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
&  
PUBLIC FACILITIES  
SURVEY CONTROL DIAGRAM  
Record Of Survey  
AKSAS: 53443

UNALASKA AIRPORT IMPROVEMENTS  
WITHIN SECTION 34, T 72 S, R 117 W, SEWARD MERIDIAN, ALASKA

DRAWN	DJB	DATE	8/6/2012	SCALE	1"=200'
CHECKED	JMG	DATE	8/6/2012	SHEET	1 OF 2

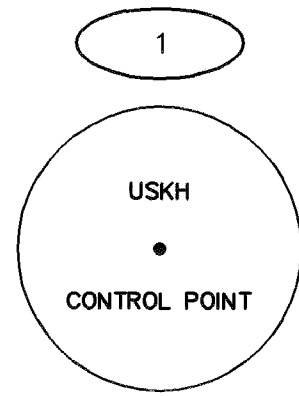
Surveyor's Certificate

I hereby certify that I am properly Registered and Licensed to practice Land Surveying in the State of Alaska, and that this drawing represents a survey made by me or under my direct supervision, and that the monuments shown hereon actually exist as described, and that all dimensions and other details are correct to the extent shown hereon.

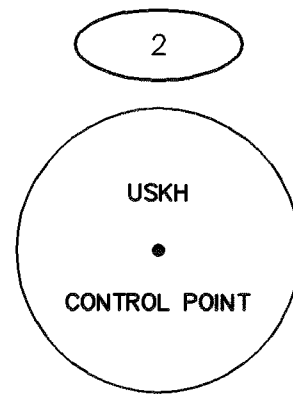
Jacob M. Gerondale  
August 6, 2012  
Jacob M. Gerondale LS-11758 Date

Aleutian Islands Recording District PL/2012-10

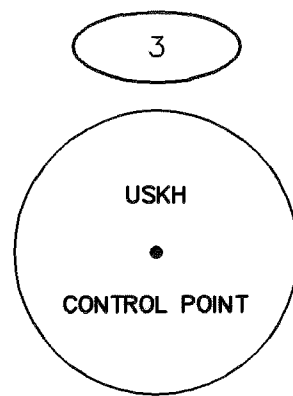
1320600-SCD.dwg  
DWG Path:



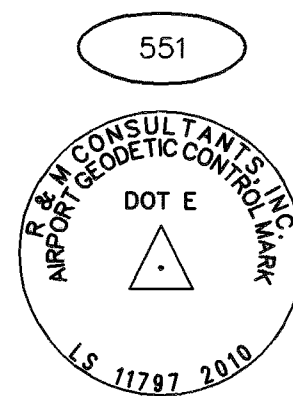
Set 1-1/2" Red Plastic Cap  
On 5/8" Rebar 30" Long  
0.1' Below Ground Level



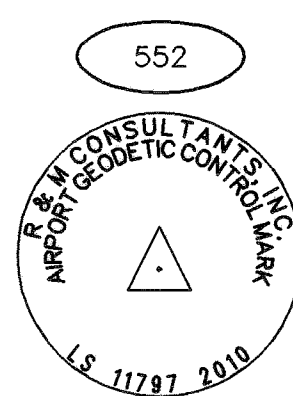
Set 1-1/2" Red Plastic Cap  
On 5/8" Rebar 24" Long  
0.1' Below Ground



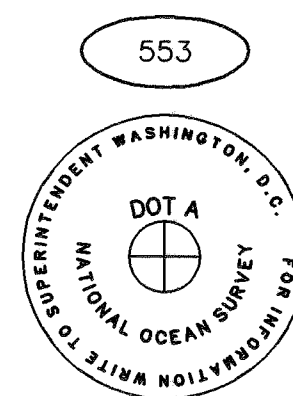
Set 1-1/2" Red Plastic Cap  
On 5/8" Rebar 26" Long  
0.1' Below Ground



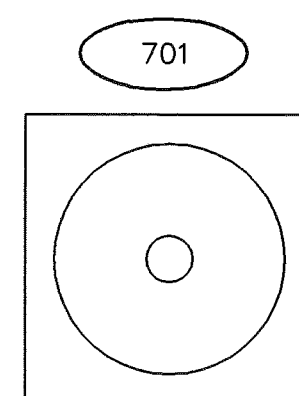
Fnd 3-1/2" BC  
Recessed In Old Hanger  
Foundation 0.03'  
In Good Condition



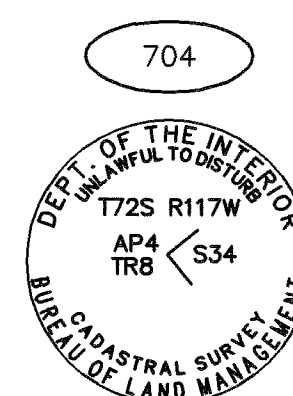
Fnd 3-1/2" BC  
0.1' Below Ground Level  
In Good Condition



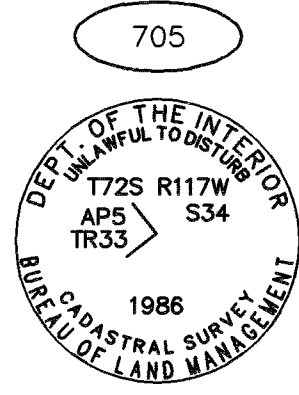
Fnd 3-1/2" BC  
Flush With Concrete  
In Good Condition



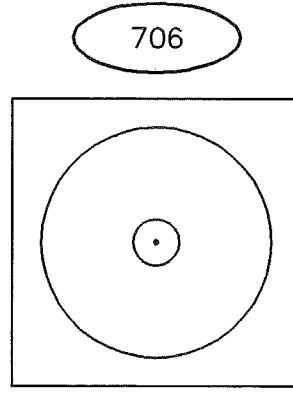
Fnd 4" Bronze Disk  
In 6" Square Block With 3/4" Dia.  
Void At Center of Disk  
0.6' Above Grade  
In Good Condition



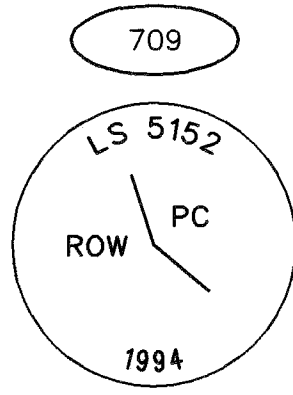
Fnd 3-1/4" AC  
0.1' Above Ground  
In Good Condition



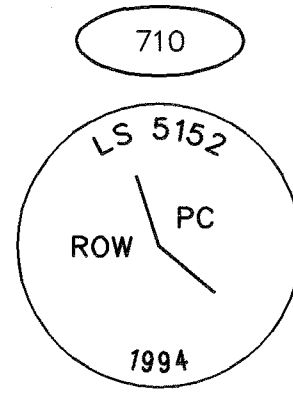
Fnd 3-1/4" AC  
0.4' Above Ground  
In Good Condition



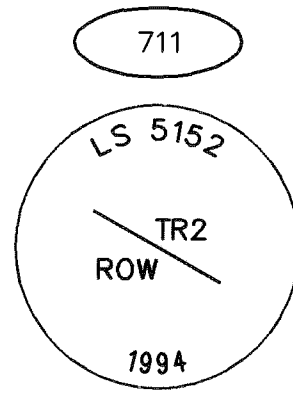
Fnd 4" Bronze Disk  
In 6" Square Block With  
Center Bronze Tip  
0.5' Above Grade  
In Good Condition



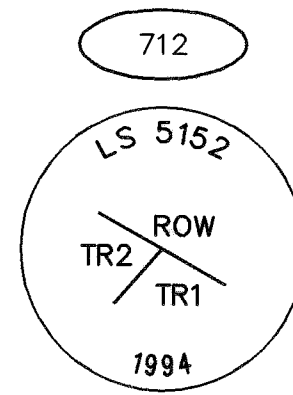
Fnd 1-1/2" AC  
On 5/8" Rebar  
0.05' Above Ground  
In Good Condition



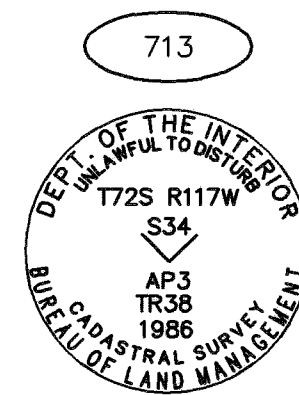
Fnd 1-1/2" AC  
On 5/8" Rebar  
0.08' Above Ground  
In Good Condition



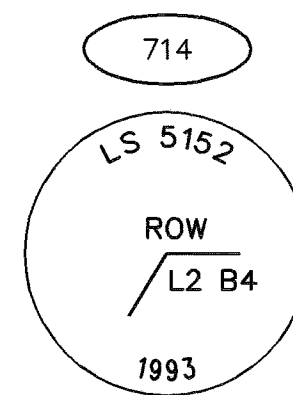
Fnd 1-1/2" AC  
On 5/8" Rebar  
Slightly Leans But Very Firm  
In Good Condition



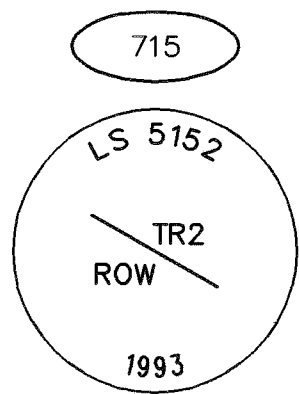
Fnd 1-1/2" AC  
On 5/8" Rebar  
0.27' Above Ground  
In Good Condition



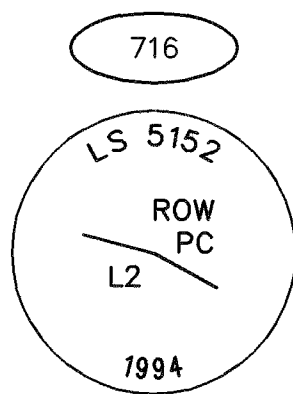
Fnd 3-1/4" AC  
0.4' Above Ground  
In Good Condition



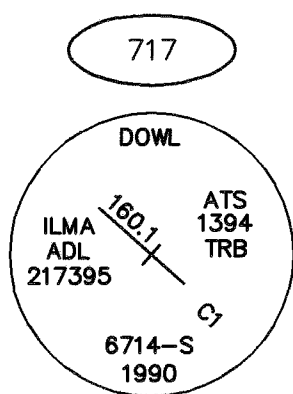
Fnd 1-1/2" AC  
On 5/8" Rebar  
Flush With Ground  
In Good Condition



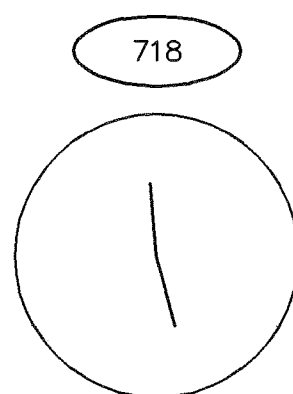
Fnd 1-1/2" AC  
On 5/8" Rebar  
0.1' Above Ground  
In Good Condition



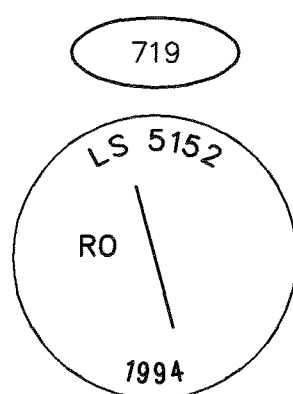
Fnd 1-1/2" AC  
On 5/8" Rebar  
0.08' Above Ground  
In Good Condition



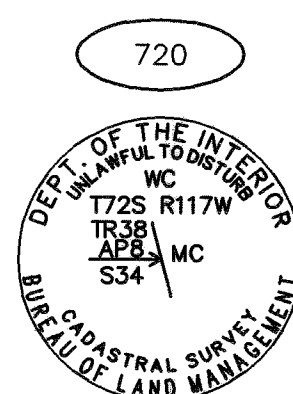
Fnd 2" AC  
On 3/4" Alum. Rod  
Flush With Ground  
In Good Condition



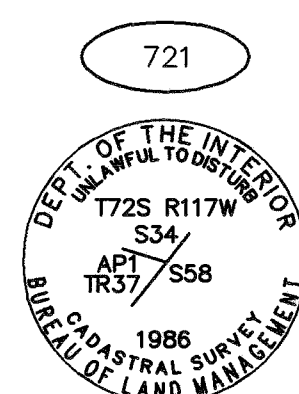
Fnd 1-1/2" AC  
On 5/8" Rebar  
0.1' Below Ground  
In Good Condition



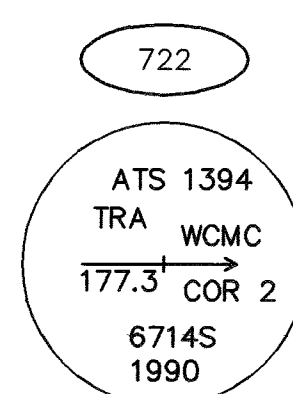
Fnd 1-1/2" AC  
On 5/8" Rebar  
Flush With Ground  
In Fair Condition



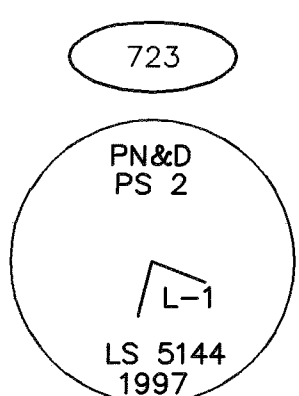
Fnd 3-1/4" AC  
Flush With Ground  
In Good Condition



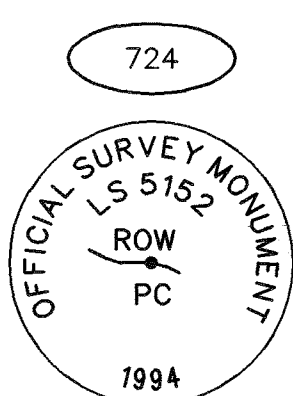
Fnd 3-1/4" AC  
Flush With Ground  
In Good Condition



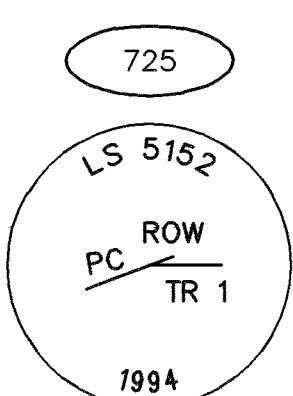
Fnd 2-1/2" AC  
On 5/8" Rebar  
Flush With Ground  
In Good Condition



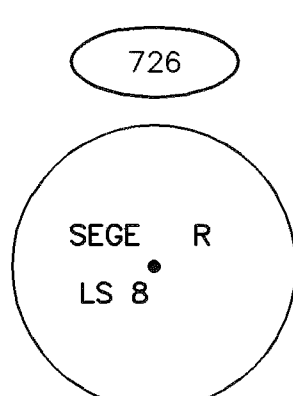
Fnd 2" AC  
On 5/8" Rebar  
0.21' Above Ground  
In Good Condition



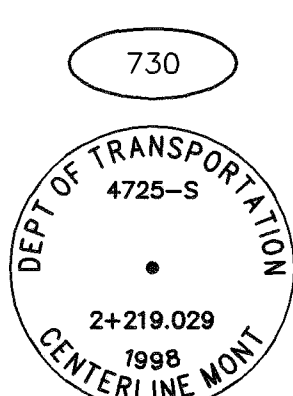
Fnd 2" AC  
On 5/8" Rebar  
Flush With Ground  
In Good Condition



Fnd 1-1/2" AC  
On 5/8" Rebar  
Flush With Ground  
In Good Condition



Fnd 1-1/2" YPC  
On 5/8" Rebar  
Flush With Ground  
In Good Condition



Fnd 2.5" BC  
In 6" Dia. Steel Mon Case  
0.35' Below Top Of Case  
In Good Condition

## HORIZONTAL CONTROL

The Geodetic Basis is NAD83(2007) holding the published position of the PACS (DUT E, PID: DM3564) fixed.

The Horizontal Coordinate System for this survey is a Local Ground System related to Alaska State Plane Zone 10 using the following conversion parameters;

To convert NAD83(2007) Alaska State Plane, Zone 10 coordinates to the local ground system perform the following;

1)Scale about the PACS (DUT E) (N=1,192,319.099', E=5,314,380.466') by 0.9999823846.  
2)Translate resulting coordinates by -1100000 N, -5250000 E.

To convert local ground coordinates to NAD83(2007) Alaska State Plane, Zone 10 perform the following;

1)Scale about the PACS (DUT E) (N=92,319.099', E=64,380.466') by 1.0000176157.  
2)Translate resulting coordinates by +1100000 N, +5250000 E.

## VERTICAL CONTROL

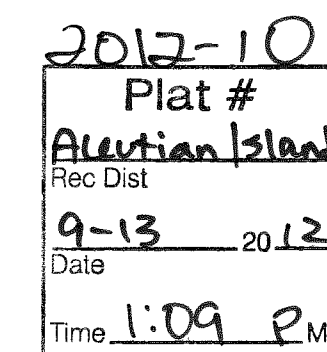
The Vertical Datum is GPS derived NAVD88 using GEOID09AK holding the NGS published elevation at the PACS (DUT E) fixed as 14.96. Note this does not correlate directly with any local tide based datums (see Tidal Datum Reference).

## TIDAL DATUM REFERENCE

To convert NAVD88 elevations to 2001 Mean Lower Low Water (MLLW) based on Unalaska Tidal Station 9462620 subtract 0.59 from elevations. This conversion value is based on "Unalaska Tidal Data Report" prepared by R&M Consultants dated June 24, 2010 and provided by DOT&PF.

## SURVEY NOTES

- Horizontal control points shown on this sheet were surveyed using networked static GPS techniques. GPS measurements were performed using Trimble R8 Model 2 GNSS receivers and Trimble 5700 series receivers and processed using Trimble Business Center v2.5 (TBC) software.
- All elevations shown on this plat were established via differential leveling using a Trimble Dini digital bar-code autolevel and adjusted using TBC software.
- Property information shown herein is provided for orientation purposes only and may not reflect legal property line locations.
- The field survey was completed during July through August 2011 by USKH Inc.
- All dimensions and coordinates shown are in U.S. Survey Feet unless otherwise noted.



Aleutian Islands Recording District  
State Business - No Fee  
This survey does not constitute a subdivision  
as defined by AS 40.15.900(5)



## STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SURVEY CONTROL DIAGRAM

Record Of Survey  
AKSAS: 53443

UNALASKA AIRPORT IMPROVEMENTS  
WITHIN SECTION 34, T 72 S, R 117 W, SEWARD MERIDIAN, ALASKA

DRAWN	DJB	DATE	8/6/2012	SCALE	1"=200'
CHECKED	JMG	DATE	8/6/2012	SHEET	2 OF 2