

DATE JAN 12, 2016

SHEET 1 OF 66 SHEETS

U.S. SURVEY  
No. 14442, ALASKA  
COMPRISING 315 LOTS

AND THE RETRACEMENT AND  
DEPENDENT RESURVEY OF PORTIONS  
OF U.S. SURVEY Nos. 3728, 4235, 4237,  
4340 AND 4369, AND THE SURVEY OF  
THE PARTITION LINES OF THE ACCRETED  
LANDS ATTACHED TO U.S. SURVEY Nos.  
4235 AND 4369

ENCOMPASSING  
ST. LAWRENCE ISLAND, PUNUK ISLANDS,  
AND STOLBI ROCKS  
IN THE BERING SEA,  
APPROXIMATELY 160 MILES SOUTHWESTERLY  
OF NOME, ALASKA

THE GEOGRAPHIC POSITION OF  
CORNER No. 2, LOT 1, IDENTICAL WITH  
CORNER No. 1, U.S. SURVEY NO. 4237

IS:

LATITUDE: 63°41'43.955" NORTH  
LONGITUDE: 170°28'23.704" WEST  
(NAD 83)

AREA: 1,068,225.56 Acres

SURVEYED BY  
BLAIR C. PARKER, CADASTRAL SURVEYOR  
JULY 14, 2013 THROUGH NOVEMBER 3, 2015

UNDER SPECIAL INSTRUCTIONS

DATED OCTOBER 11, 2012,

APPROVED NOVEMBER 19, 2012

AND

ASSIGNMENT INSTRUCTIONS

DATED DECEMBER 4, 2012

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
Anchorage, Alaska

This plat is strictly conformable to the approved  
field notes, and the survey, having been correctly  
executed in accordance with the requirements of  
law and the regulations of this Bureau, is hereby  
accepted.

For the Director

DEC. 7, 2015  
Date

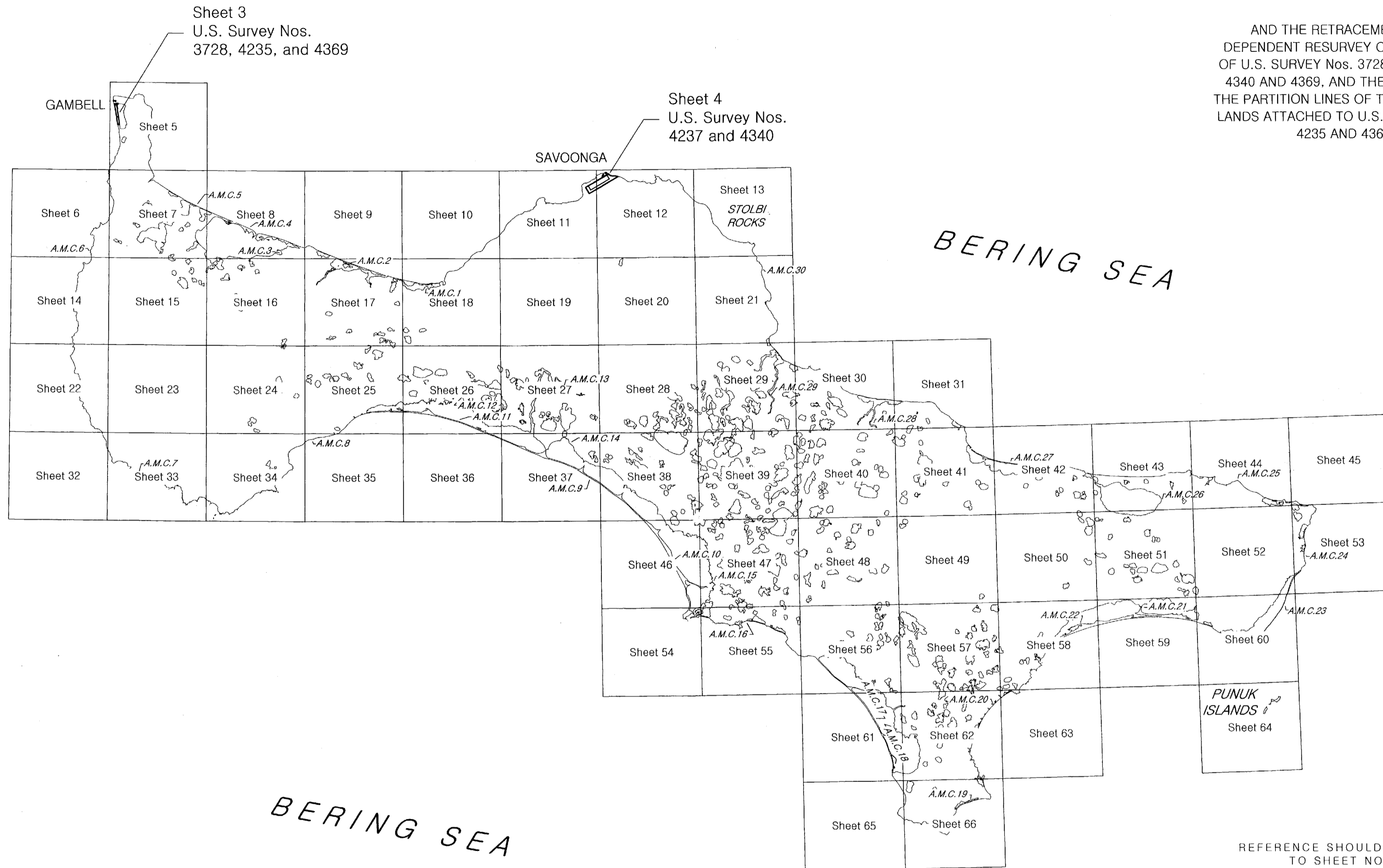
Chief Cadastral Surveyor for Alaska



# SHEET INDEX

U.S. SURVEY  
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AND THE RETRACEMENT AND  
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LANDS ATTACHED TO U.S. SURVEY Nos.  
4235 AND 4369



Sheet 3  
U.S. Survey Nos.  
3728, 4235, and 4369

Sheet 4  
U.S. Survey Nos.  
4237 and 4340

True Meridian  
Mean  
Magnetic  
Declination  
9° E.

BERING SEA

REFERENCE SHOULD BE MADE  
TO SHEET NO. 1  
FOR SURVEY INFORMATION

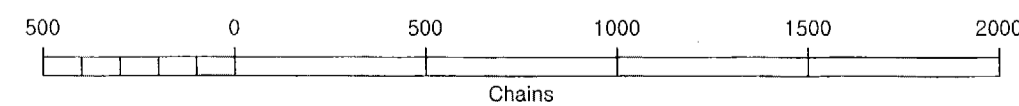
UNITED STATES DEPARTMENT OF THE INTERIOR  
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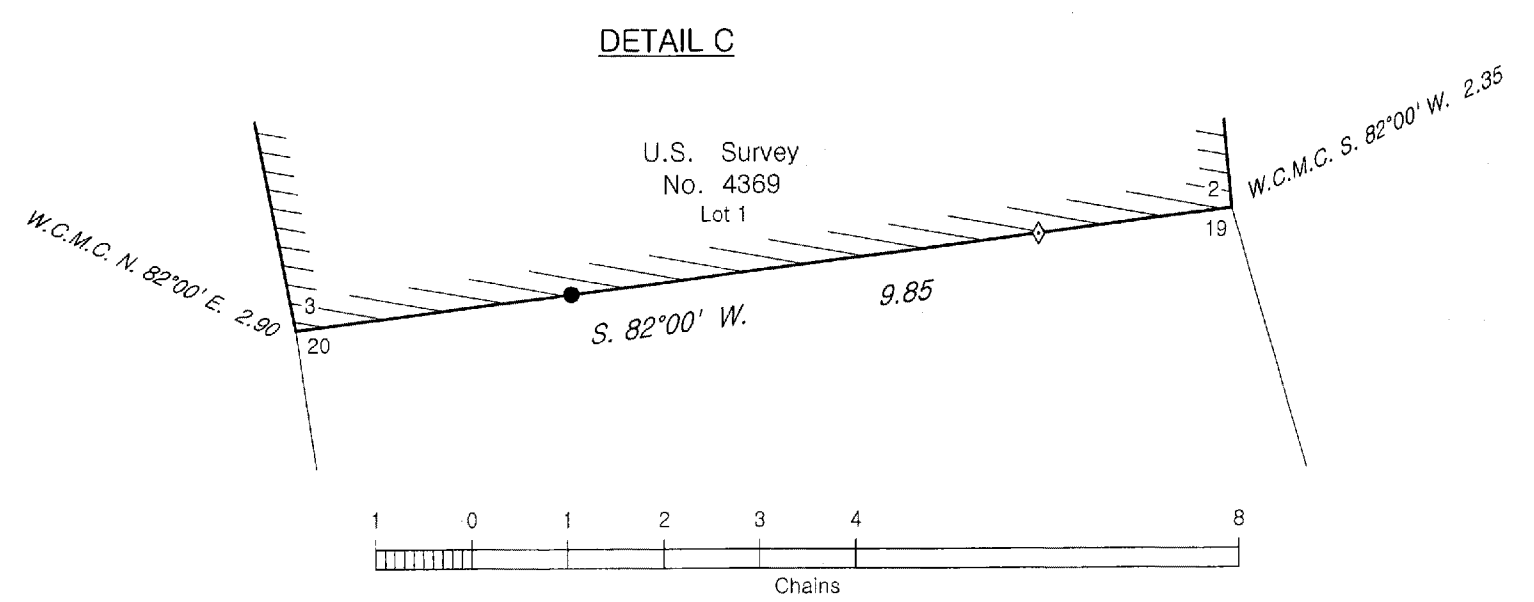
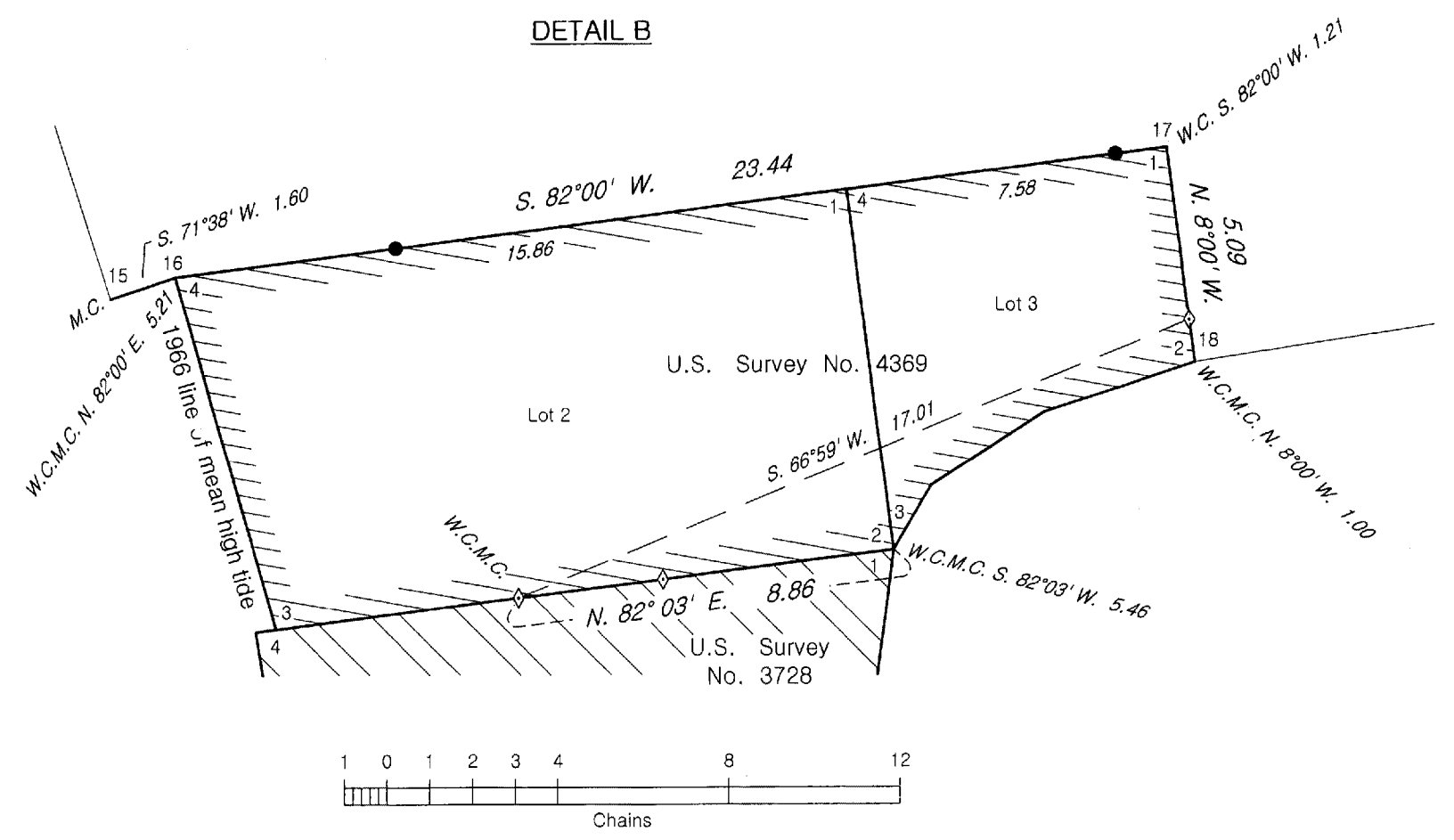
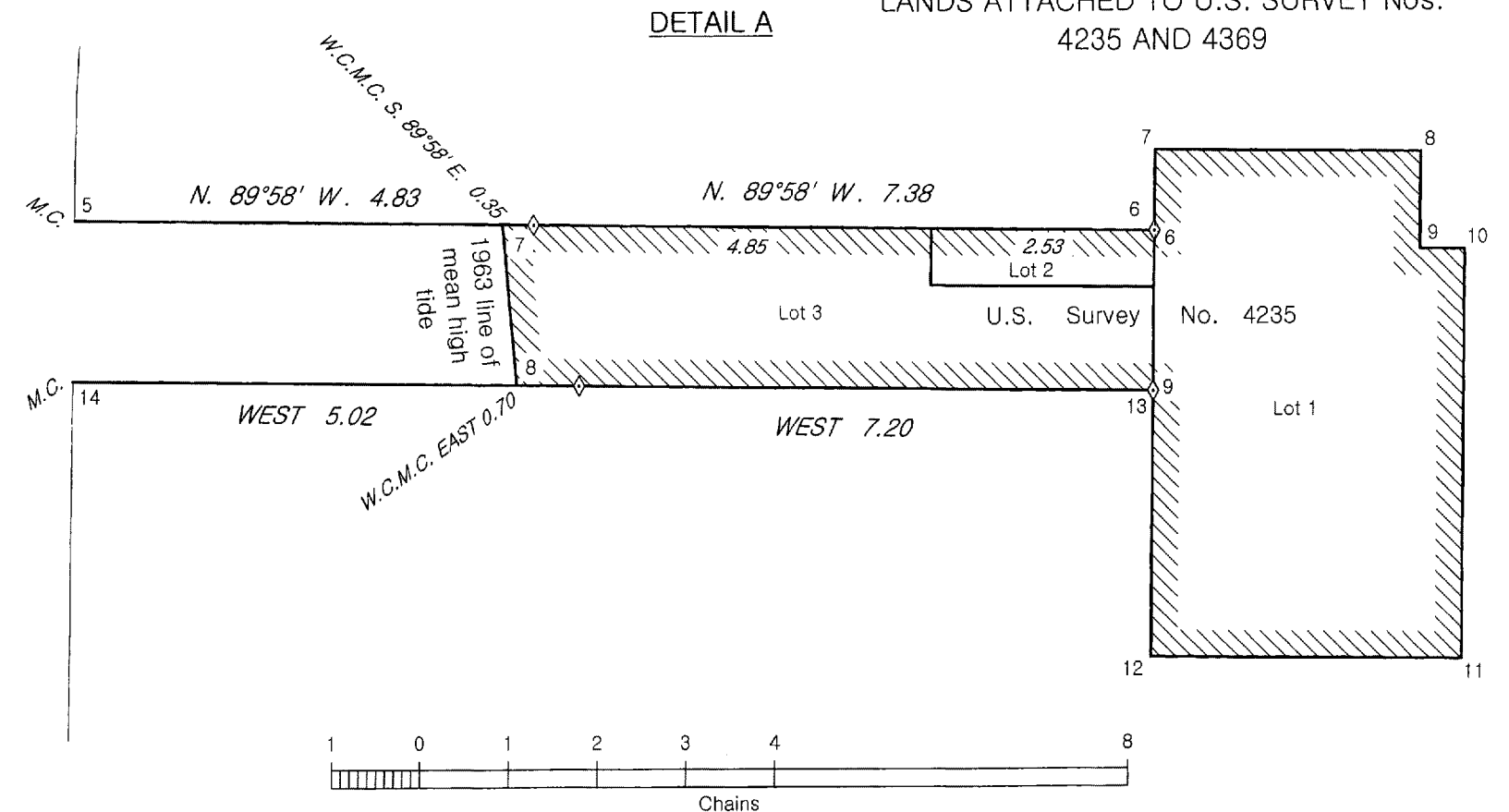
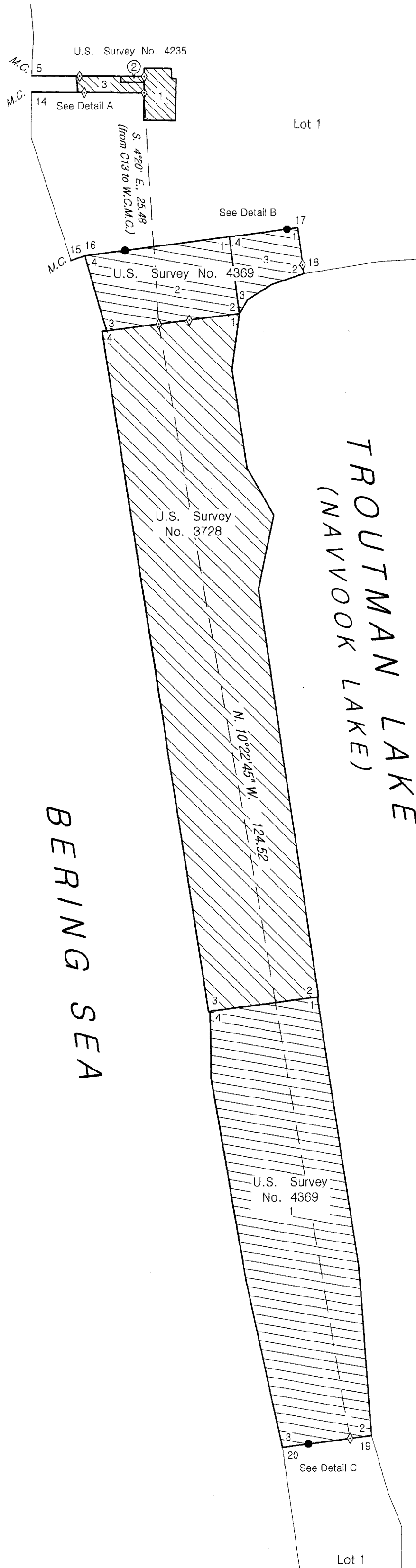
DEC. 7, 2015  
Date

Chief Cadastral Surveyor for Alaska



U.S. SURVEY  
No. 14442, ALASKA  
COMPRISING 315 LOTS

AND THE RETRACEMENT AND  
DEPENDENT RESURVEY OF PORTIONS  
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LANDS ATTACHED TO U.S. SURVEY Nos.  
4235 AND 4369



**LEGEND**  
 ◊ = Original Corner (Recovered)  
 ● = New Corner (Monumented)

REFERENCE SHOULD BE MADE  
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UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
Anchorage, Alaska

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For the Director  
  
 Date DEC. 7, 2015  
 Chief Cadastral Surveyor for Alaska

Officially Filed  
DATE JAN 12, 2014

ORIGINAL

Officially Filed  
DATE JAN 12, 2014

ORIGINAL

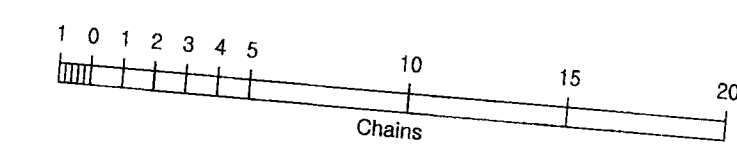
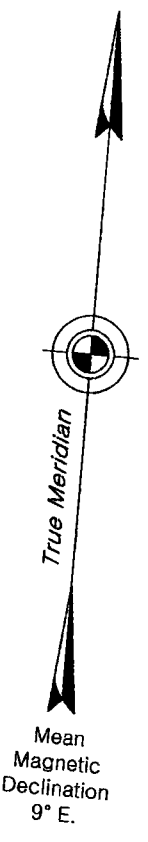
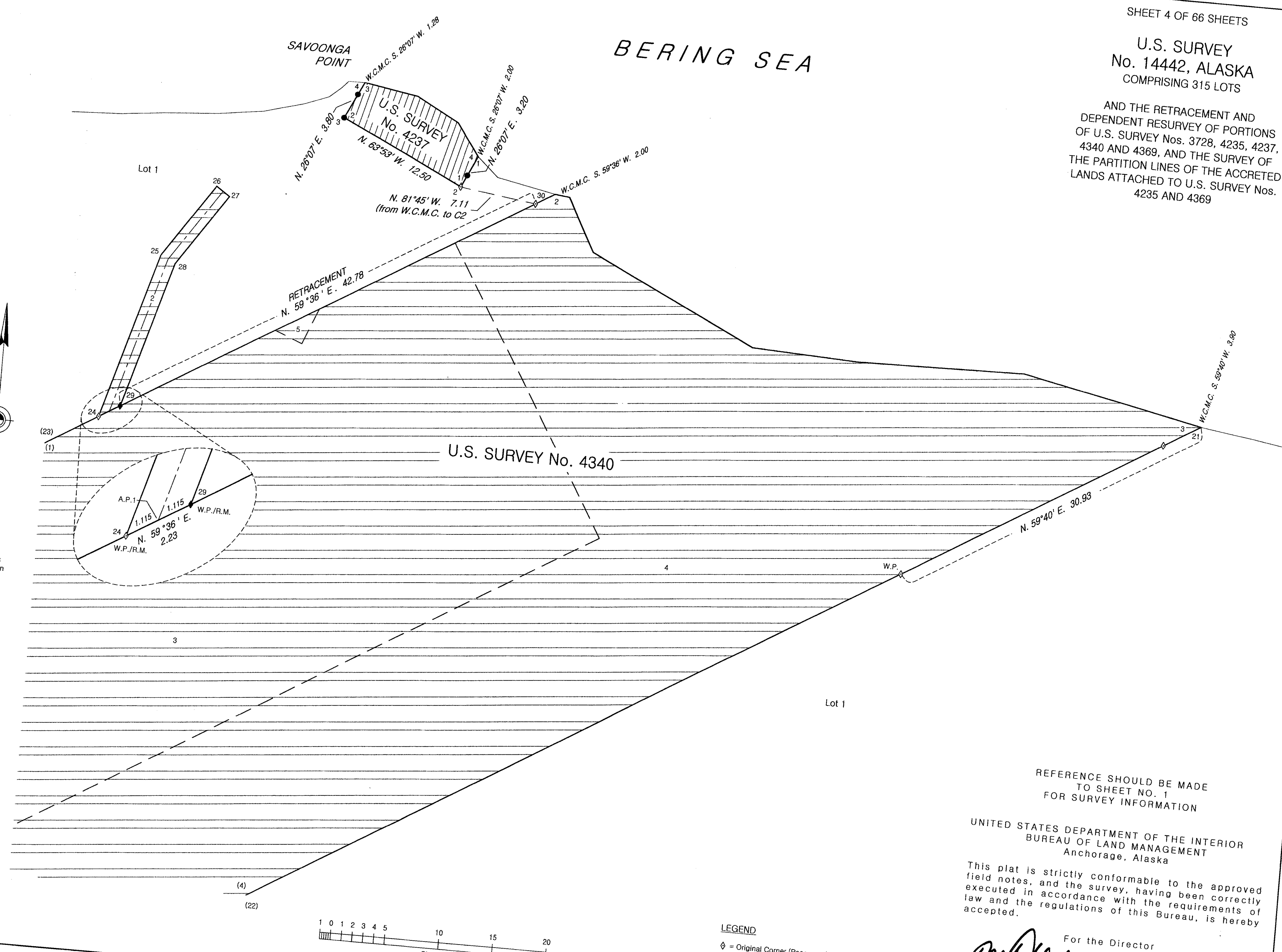
SHEET 4 OF 66 SHEETS

U.S. SURVEY  
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AND THE RETRACEMENT AND  
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LANDS ATTACHED TO U.S. SURVEY Nos.  
4235 AND 4369

BERING SEA

SAVOONGA  
POINT



LEGEND  
◊ = Original Corner (Recovered)  
◆ = Original Corner (Re-monumented)  
● = New Corner (Monumented)

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UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
Anchorage, Alaska

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accepted.

For the Director  
*[Signature]*  
Chief Cadastral Surveyor for Alaska

DEC. 7, 2015  
Date

DATE Jan 12, 2016

SHEET 5 OF 66 SHEETS

U.S. SURVEY  
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THE PARTITION LINES OF THE ACCRETED  
LANDS ATTACHED TO U.S. SURVEY Nos.  
4235 AND 4369

63°48' N.  
171°45' W.

63°48' N.  
171°30' W.

Northwest  
Cape

Kittlingook  
Bay

Chibukak  
Point

U.S. Survey No. 4235

U.S. Survey No. 4369

See Sheet 3  
for Details

TROUTMAN LAKE  
(NAVVOOK LAKE)

U.S. Survey No. 3728

U.S. Survey No. 4369

See Sheet 3  
for Details

Lot 1

Tategnak  
Point

Tiflighak  
Bay

BERING  
SEA

Meruwtu  
Point

Dovelawik  
Bay

A.M.C. 464

Mimikpuit  
Lake

△  
N.G.S. NOOVO  
Lat. 63°43'43.493" N.  
Long. 171°39'39.065" W.  
(BLM Assigned Values)  
(NAD 83)

Agtapuk  
Point

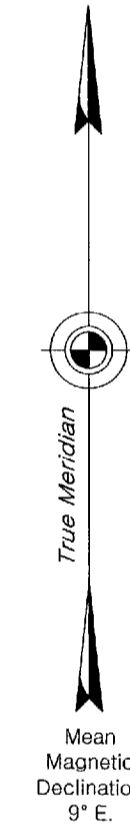
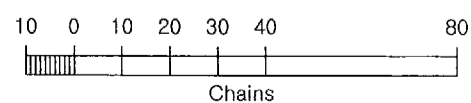
Ooynik  
Point

63°42' N.  
171°45' W.

63°42' N.  
171°30' W.

LEGEND

△ = Geodetic Control Station (Recovered)



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Anchorage, Alaska

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For the Director

DEC. 7, 2015  
Date

Chief Cadastral Surveyor for Alaska

ORIGINAL

4-273

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

01

FIELD NOTES OF  
U.S. SURVEY No. 14442  
COMPRISING 315 LOTS  
AND THE RETRACEMENT AND DEPENDENT RESURVEY OF  
PORTIONS OF U.S. SURVEY Nos. 3728, 4235, 4237, 4340 AND 4369,  
AND THE SURVEY OF THE PARTITION LINES OF THE ACCRETED LANDS ATTACHED TO  
U.S. SURVEY Nos. 4235 AND 4369  
IN THE BERING SEA  
IN THE STATE OF ALASKA

THE GEOGRAPHIC POSITION OF CORNER No. 2, Lot 1,  
IDENTICAL WITH CORNER No. 1, U.S. SURVEY NO. 4237, ALASKA, IS:  
LATITUDE 63°41'43.955" NORTH, LONGITUDE 170°28'23.704" WEST  
(NAD 83)

EXECUTED BY

Blair C. Parker, Cadastral Surveyor

Under special instructions dated October 11, 2012, approved November 19, 2012,  
which provided for the surveys included under U.S. Survey No. 14442, and  
assignment instructions dated December 4, 2012.

Survey commenced: July 14, 2013

Survey completed: November 3, 2015

## U.S. Survey No. 14442, Alaska

## Chains

The following field notes are those of the survey of U.S. Survey No. 14442, Alaska, comprising 315 lots, and the retracement and dependent resurvey of portions of U.S. Survey Nos. 3728, 4235, 4237, 4340 and 4369, and the survey of the partition lines of the accreted lands attached to U.S. Survey Nos. 4235 and 4369.

U.S. Survey No. 3728, Alaska was surveyed by James E. Frasier, Cadastral Surveyor, in 1959.

U.S. Survey Nos. 4235 and 4237, Alaska were surveyed by Kenneth C. Pettingill, Supervisory Cadastral Surveyor, in 1963.

U.S. Survey Nos. 4340 and 4369, Alaska were surveyed by Robert D. Bagett, Supervisory Cadastral Surveyor, in 1966.

The supplemental plat of U.S. Survey No. 4340 was accepted on March 23, 1984.

The survey plat of Savoonga New Housing Tract for Bering Straits Regional Housing Authority was executed by Dan B. Chatfield, Alaska Registered Land Surveyor, No. 3859, in 1976, and recorded with the Nome Recording District on July 20, 1982 as Plat No. 82-7.

The Record of Survey of Savoonga Airport Boundary was executed by Harold L. Saylor, Alaska Registered Land Surveyor, No. 4922, in 1996, and recorded with the Nome Recording District on April 24, 1997 as Plat No. 97-4.

This survey was executed in accordance with specifications set forth in the Manual of Surveying Instructions (2009), and Special Instructions for U.S. Survey No. 14442, Alaska, dated October 11, 2012, approved November 19, 2012.

Global Navigation Satellite Systems (GNSS) measurement methods were used. GNSS observations were obtained using both real-time kinematic and post processed static relative positioning techniques. No true lines surveyed herein were marked on the ground. The azimuth was obtained by GNSS observation, and refers to the true meridian. All bearings returned in this survey are mean bearings. Distances are horizontal, reduced to their sea level equivalent.

Preliminary to the resurvey, and before restoring the corners, the lines of the original surveys were retraced and a diligent search was made for any evidence of the original corners, bearing trees or other calls of the original field note record. Identified corners were remonumented in their original positions. Lost corners were restored and monumented based on the official record. The retracement data were thoroughly verified and only true line field notes are given herein.

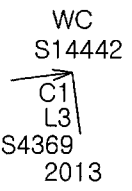
The Dependent Resurvey of a Portion of  
U.S. Survey Nos. 3728 and 4369, Alaska

12

Chains	
	<p>Survey No. 4369, both meander cors., monumented with an iron post, 2 1/2 ins. diam., firmly set, flush with the ground, with brass cap mkd. S4369 LOT 2 C3 WC MC C4 S3728 1966 1959. There is no remaining evidence of U.S.L.M. No. 3728.</p> <p>Located on mostly level ground in sparse beach grass.</p> <p>The geographic position of the witness cor. is:</p> <p>Latitude        63°46'26.877" N. Longitude      171°44'08.414" W. (NAD 83)</p> <p>N. 82°03' E., on line 4-1, U.S. Survey No. 3728, identical in part with line 3-2, Lot 2, U.S. Survey No. 4369.</p>
3.40	<p>The witness cor. to cor. No. 1, U.S. Survey No. 3728, identical with the witness cor. to cor. No. 2, Lot 2, U.S. Survey No. 4369, both meander cors., monumented with an iron post, 2 1/2 ins. diam., firmly set, flush with the ground, with brass cap mkd. S4369 LOT 2 C2 WC MC C1 S3728 1966 1959.</p>
8.86	<p>True point for cor. No. 1, U.S. Survey No. 3728, identical with the true point for cor. No. 2, Lot 2, and the true point for cor. No. 3, Lot 3, U.S. Survey No. 4369, all meander cors., at the line of ordinary high water, on the west shore of Troutman Lake (Navvook Lake), not monumented.</p>
<p>The Dependent Resurvey of a Portion of U.S. Survey No. 4369, Alaska</p>	
<p>(Restoring a portion of the survey established by Robert D. Bagett, in 1966)</p>	
	<p>From the true point for cor. No. 2, Lot 3, a meander cor., at the line of ordinary high water, on the north shore of Troutman Lake (Navvook Lake), not monumented. This cor. now becomes designated as the true point for cor. No. 18, Lot 1, U.S. Survey No. 14442, a meander cor.</p> <p>N. 8°00' W., on line 2-1, Lot 3. This line now becomes identical with line 18-17, Lot 1, U.S. Survey No. 14442.</p>
1.00	<p>The witness cor. to cor. No. 2, Lot 3, a meander cor., monumented with an iron post, 2 1/2 ins. diam., firmly set, 8 ins. below the ground, in good condition, with brass cap mkd. S4369 LOT3 C2 WC MC 1966. This witness cor. now becomes designated as the witness cor. to cor. No. 18, Lot 1, U.S. Survey No. 14442, a meander cor.</p>

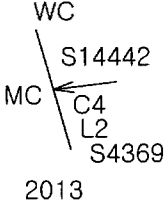


The Dependent Resurvey of a Portion of  
U.S. Survey No. 4369, Alaska

Chains	
	<p>Located beneath a gravel filled embankment sloping northeasterly away from the airport apron.</p> <p>From this point, the witness cor. to cor. No. 4, U.S. Survey No. 3728, identical with the witness cor. to cor. No. 3, Lot 2, U.S. Survey No. 4369, both meander cors., hereinbefore described, bears S. 66°59' W., 17.01 chs. dist.</p>
5.09	<p>True point for cor. No. 1, Lot 3, at record bearing and dist., falls in centerline of a paved roadway beneath 6-8 feet of gravel fill, there is no remaining evidence of the original cor., not monumented. This cor. now becomes designated as the true point for cor. No. 17, Lot 1, U.S. Survey No. 14442.</p>
1.21	<p>S. 82°00' W., on line 1-4, Lot 3. This line now becomes identical in part with line 17-16, Lot 1, U.S. Survey No. 14442.</p> <p>Point selected for the witness cor. to cor. No. 1, Lot 3, identical with the witness cor. to cor. No. 17, Lot 1, U.S. Survey No. 14442.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 28 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;">  <p>WC S14442 C1 L3 S4369 2013</p> </div> <p>Deposit a magnet in a clear plastic case at the base of the stainless steel post.</p> <p>Located in a low lying area, west of a roadway and north of an aircraft staging area, in pea gravel and sand.</p>
7.58	<p>Point for cor. No. 1, Lot 2, identical with the true point for cor. No. 4, Lot 3, at record bearing and dist., falls in center of a heavily used ATV trail, there is no remaining evidence of the original cor., not remonumented.</p> <p>S. 82°00' W., on line 1-4, Lot 2, identical in part with line 17-16, Lot 1, U.S. Survey No. 14442.</p>
18.23	<p>Point selected for the witness cor. to cor. No. 4, Lot 2, a meander cor., identical with the witness cor. to cor. No. 16, Lot 1, U.S. Survey No. 14442.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 28 ins. in the ground, with brass cap mkd.</p>

The Dependent Resurvey of a Portion of  
U.S. Survey No. 4369, Alaska

14

Chains	
	 <p style="text-align: center;">2013</p>
	<p>Deposit a magnet in a clear plastic case at the base of the stainless steel post.</p>
	<p>Located on nearly level ground, in sparse beach grass.</p>
19.06	<p>Point for the original witness cor. to cor. No. 4, Lot 2, a meander cor., at record bearing and dist., falls on level ground in beach rock with no vegetation; there is no remaining evidence of the original witness cor., not remonumented.</p>
23.44	<p>True point for cor. No. 4, Lot 2, a meander cor., at record bearing and dist., at the 1966 line of mean high tide on the shore of the Bering Sea, not monumented. This cor. now becomes designated as the true point for cor. No. 16, Lot 1, U.S. Survey No. 14442.</p>
	<p>From the true point for cor. No. 2, Lot 1, a meander cor., at the line of ordinary high water on the west shore of Troutman Lake (Navvook Lake). This cor. now becomes designated as the true point for cor. No. 19, Lot 1, U.S. Survey No. 14442, a meander cor., not monumented.</p> <p>S. 82°00' W., on line 2-3, Lot 1. This line now becomes identical with line 19-20, Lot 1, U.S. Survey No. 14442.</p>
2.35	<p>The witness cor. to cor. No. 2, Lot 1, a meander cor., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 5 ins. above the ground, with brass cap mkd. S4369 LOT1 C2 WC MC 1966. There is no evidence to suggest that this is not the original location of this witness cor. This witness cor. now becomes designated as the witness cor. to cor. No. 19, Lot 1, U.S. Survey No. 14442, a meander cor.</p> <p>Located on a gentle easterly slope in pea gravel and sand, with very sparse beach grass.</p>
	<p>From this point, the witness cor. to cor. No. 4, U.S. Survey No. 3728, identical with the witness cor. to cor. No. 3, Lot 2, U.S. Survey No. 4369, both meander cors., hereinbefore described, bears N. 10°22'45" W., 124.52 chs. dist.</p>
6.95	<p>Point selected for the witness cor. to cor. No. 3, Lot 1, identical with the witness cor. to cor. No. 20, Lot 1, U.S. Survey No. 14442, both meander cors.</p>

The Dependent Resurvey of a Portion of  
U.S. Survey No. 4369, Alaska

Chains	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 28 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> </div> <p>Deposit a magnet in a clear plastic case at the base of the stainless steel post.</p> <p>Located on a gentle west facing beach in pea gravel and sand, with very sparse beach grass.</p> <p>7.25 Point for the original witness cor. to cor. No. 3, Lot 1, a meander cor., at record bearing and dist.; there is no remaining evidence of the original witness cor., not remonumented.</p> <p>From this point, the witness cor. to cor. No. 4, U.S. Survey No. 3728, identical with the witness cor. to cor. No. 3, Lot 2, U.S. Survey No. 4369, both meander cors., hereinbefore described, bears N. 8°07'44" W., 124.41 chs. dist. (1966 record tie; N. 8°07'30" W., 129.39 chs. dist.)</p> <p>9.85 True point for cor. No. 3, Lot 1, a meander cor., at record bearing and dist., at the line of mean high tide on the shore of the Bering Sea, not monumented. This cor. now becomes designated as the true point for cor. No. 20, Lot 1, U.S. Survey No. 14442, a meander cor.</p> <hr/> <p style="text-align: center;">The Dependent Resurvey of a Portion of U.S. Survey No. 4235, Alaska</p> <hr/> <p style="text-align: center;">(Restoring a portion of the survey established by Kenneth C. Pettingill, in 1963)</p> <hr/> <p>From cor. No. 6, monumented with an iron post, 2 1/2 ins. diam., firmly set, flush with the ground, with brass cap mkd. LOT1 LOT2 C6 S4235 1963. This cor. now becomes designated as cor. No. 6, Lot 1, U.S. Survey No. 14442.</p> <p>Located on level ground, in beach rock.</p> <p>N. 89°58' W., on line 6-7, identical in part with the north bdy. of Lot 2. This line now becomes identical in part with line 6-5, Lot 1, U.S. Survey No. 14442.</p>
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## U.S. Survey No. 14442, Alaska

Chains	<hr/> <p style="text-align: center;"><b>General Description</b></p> <hr/> <p>"Saint Lawrence Island is located in the northern Bering Sea, 190 km southwest of the tip of the Seward Peninsula, Alaska, and 75 km southeast of the Chukotsk Peninsula, Russia..."</p> <p>"Saint Lawrence Island is 160 km long in an east-west direction and from 15 km to 55 km wide in a north-south direction. The east end of the island consists largely of a wave-cut platform, which has been elevated as much as 30 m above sea level. Isolated upland areas composed largely of granitic plutons rise as much as 550 m above the wave-cut platform. The central part of the island is dominated by the Kookooligit Mountains, a large Quaternary shield volcano that extends over an area of 850 km<sup>2</sup> and rises to an elevation of 630 m. The west end of the island is composed of the Poovoot Range, a group of barren, rubble-covered hills as high as 450 m that extend from Boxer Bay on the southwest coast to Taphook Mountain on the north coast. The Poovoot Range is flanked on the southeast by the Putgut Plateau, a nearly flat, lake-dotted plain that stands 30-60 m above sea level. The west end of the island is marked by uplands underlain by the Sevuokuk pluton (unit Kg), a long narrow granite body that extends from Gambell on the north to near Boxer Bay on the south. Headlands having rugged cliffs or narrow, boulder-strewn beaches characterize the southwest coastline."</p> <p>Patton, W.W., Jr., Wilson, F.H, and Taylor, T.A., 2011, <b>Geologic map of Saint Lawrence Island, Alaska: U.S. Geological Survey Scientific Investigations Map 3146</b>, 9 p., scale 1:250,000 [<a href="http://pubs.usgs.gov/sim/3146/">http://pubs.usgs.gov/sim/3146/</a>].</p> <p>Access to the survey was by helicopter.</p>
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