

U.S. SURVEY
No. 5582, ALASKA
TOWNSITE OF KIVALINA

SITUATED
ON THE EAST SHORE OF THE CHUKCHI SEA
APPROXIMATELY 75 MILES NORTHWEST OF KOTZEBUE
U.S. SURVEY NO. 2246 WAS SURVEYED BY LEONARD M. BERLIN
PUBLIC LAND SURVEYOR IN 1937
U.S. SURVEY NOS. 3776 AND 4008 WERE SURVEYED
BY RAY HARPIN, CADASTRAL SURVEYOR IN 1960

APPROXIMATE GEOGRAPHIC POSITION
AT
MEANDER CORNER NO. 1
LATITUDE 67°43'45" NORTH, LONGITUDE 164°32'30" WEST

AREA: 28.74 ACRES

SURVEYED BY
RALPH J. ELLIS, SUPERVISORY CADASTRAL SURVEYOR
SEPTEMBER 19 TO 27, 1971
UNDER SPECIAL INSTRUCTIONS

DATED
AUGUST 19, 1971
AND
APPROVED
AUGUST 20, 1971

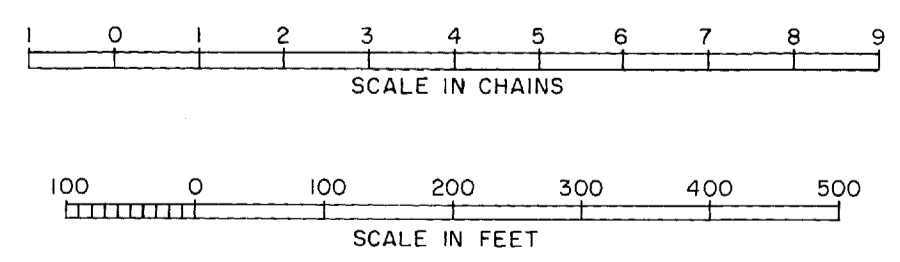
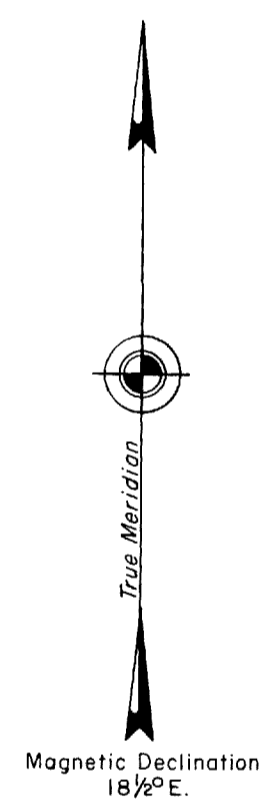
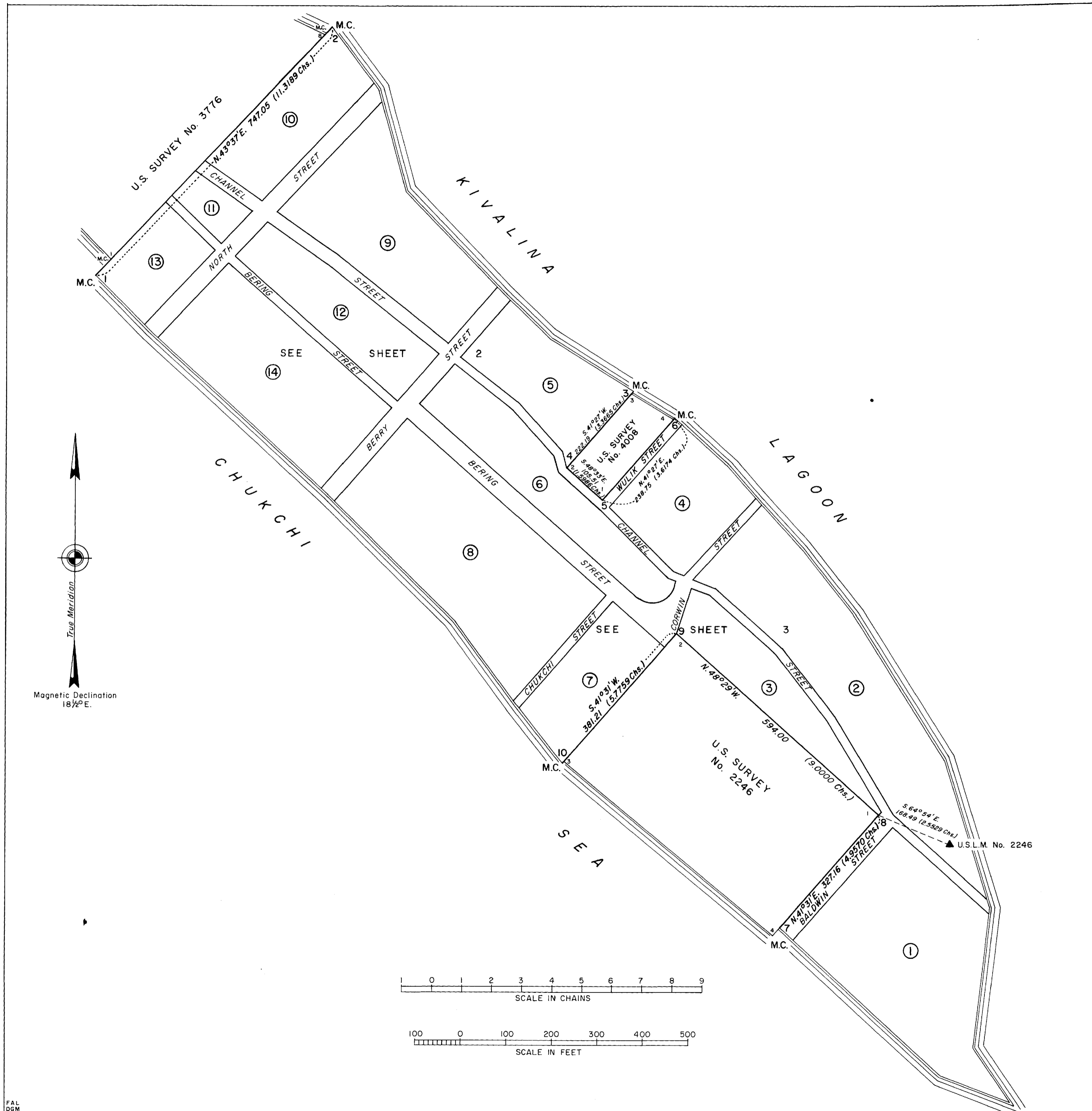
UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Washington, D.C. May 16, 1977

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

R. J. Ells

Acting Chief, Division of Cadastral Survey



vol. U126 p 222
K-4-12 Noatak (D-b) D.S. 1123

U.S. SURVEY
No. 5582, ALASKA
TOWNSHIP OF KIVALINA

Reference should be made to Sheet No. 1 for survey information.

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Washington, D.C. May 16, 1977

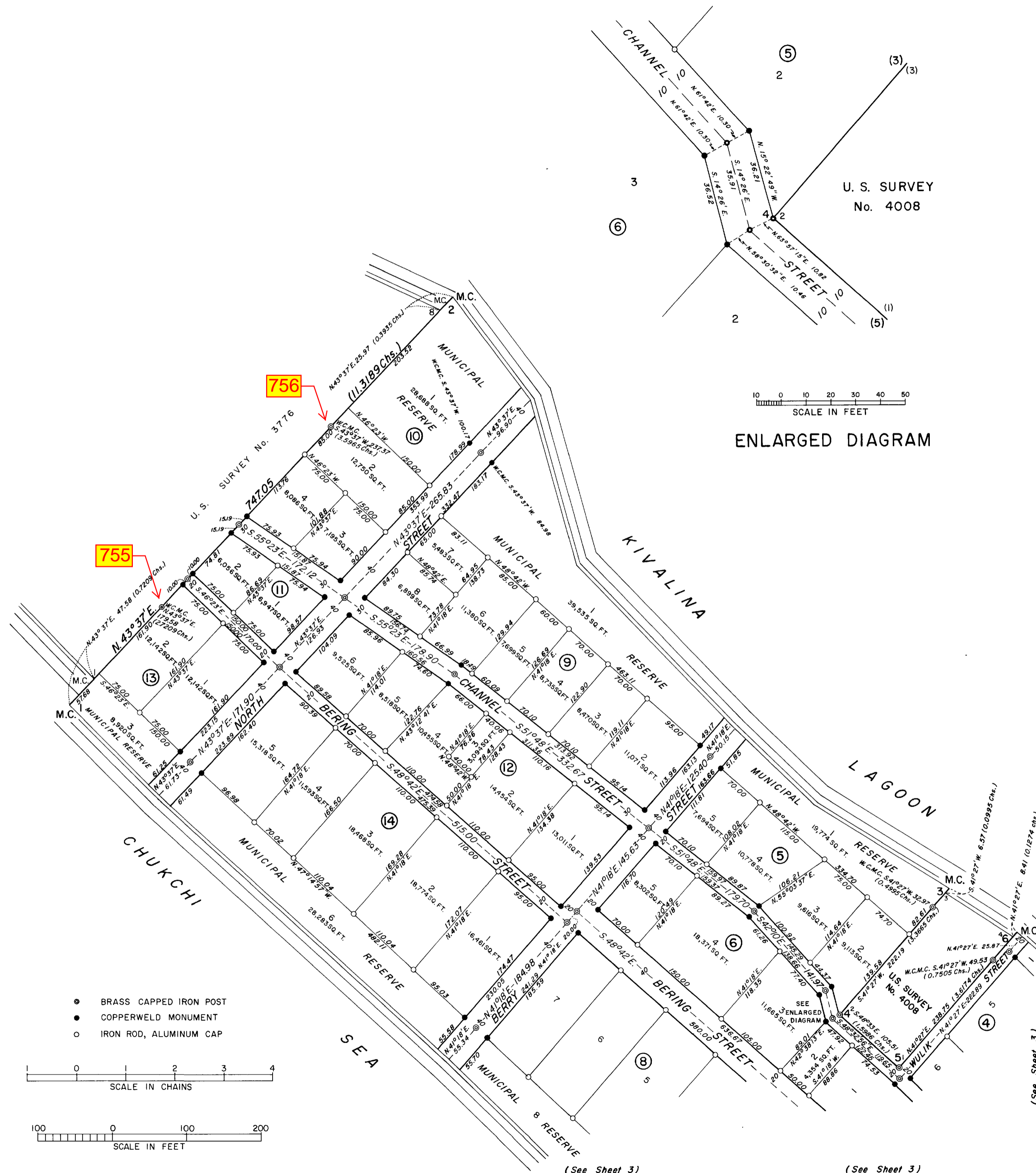
This plat is strictly conformable to the approved field notes, and the survey, having been correctly executed in accordance with the requirements of law and the regulations of this Bureau, is hereby accepted.

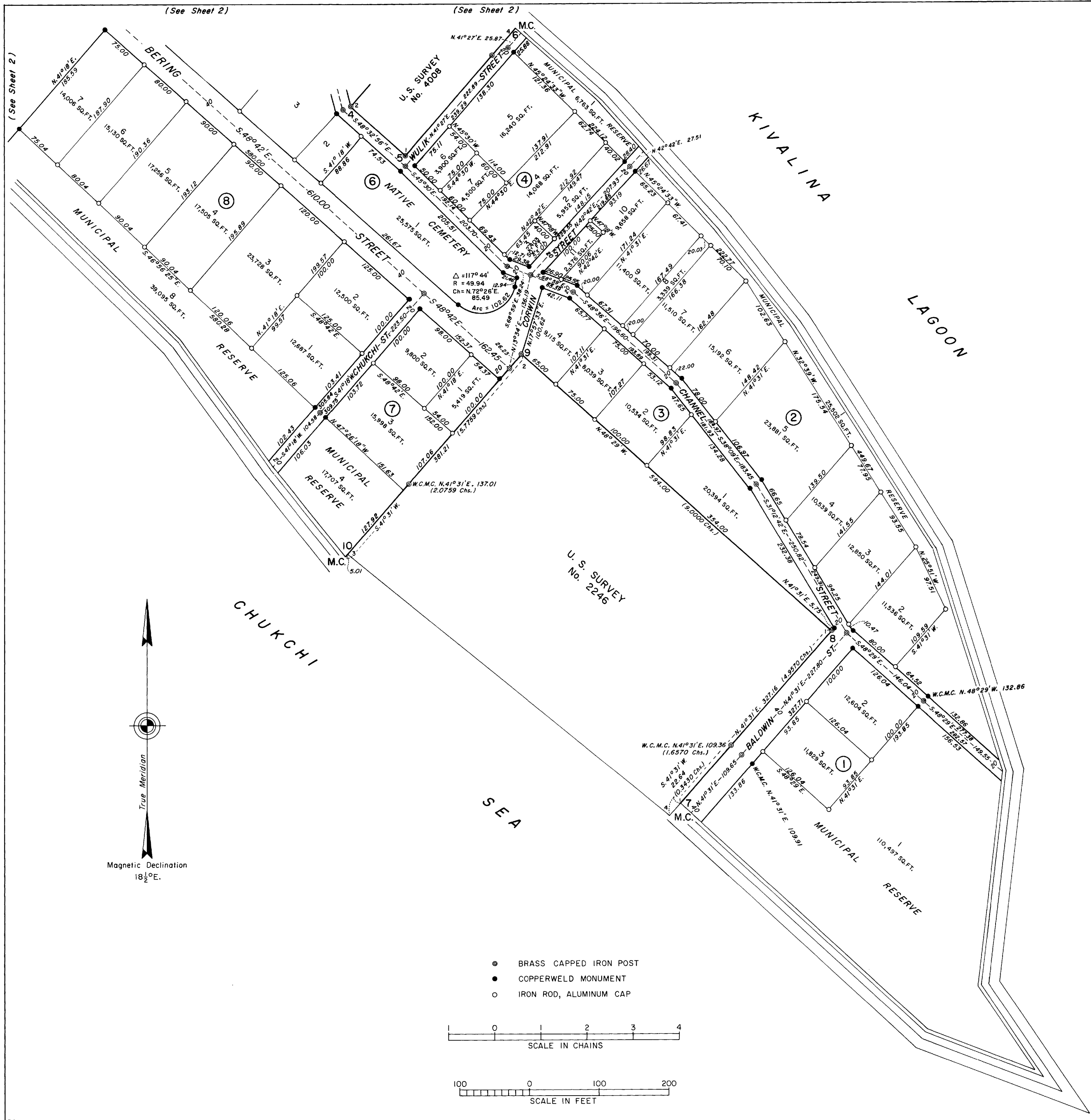
For the Director

J. J. Voorhees
Acting Chief, Division of Cadastral Survey

10 0 10 20 30 40 50
SCALE IN FEET

ENLARGED DIAGRAM





U.S. SURVEY
No. 5582, ALASKA
TOWNSITE OF KIVALINA

Reference should be made to Sheet No. 1 for survey information.

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BUREAU OF LAND MANAGEMENT
Washington, D.C. May 16, 1977

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

Acting Chief, Division of Cadastral Survey

FIELD NOTES

OF

U.S. SURVEY NO. 5582

KIVALINA TOWNSITE

SITUATED

ON THE EAST SHORE OF THE CHUKCHI SEA

APPROXIMATELY 75 MILES NORTHWEST OF KOTZEBUE

APPROXIMATE GEOGRAPHIC POSITION

AT

MEANDER CORNER NO. 1

LATITUDE 67°43'45" NORTH, LONGITUDE 164°32'30" WEST

Of the _____ Meridian,

In the State of _____ ALASKA _____

EXECUTED BY

RALPH J. ELLIS, SUPERVISORY CADASTRAL SURVEYOR

Under special instructions dated _____ AUGUST 19 _____, 19 71, approved _____ AUGUST 20, 1971 _____

_____, which provided for the surveys included under U.S. Survey/~~XXXX~~
Number 5582, and assignment instructions dated _____ SEPTEMBER 7 _____, 19 71.

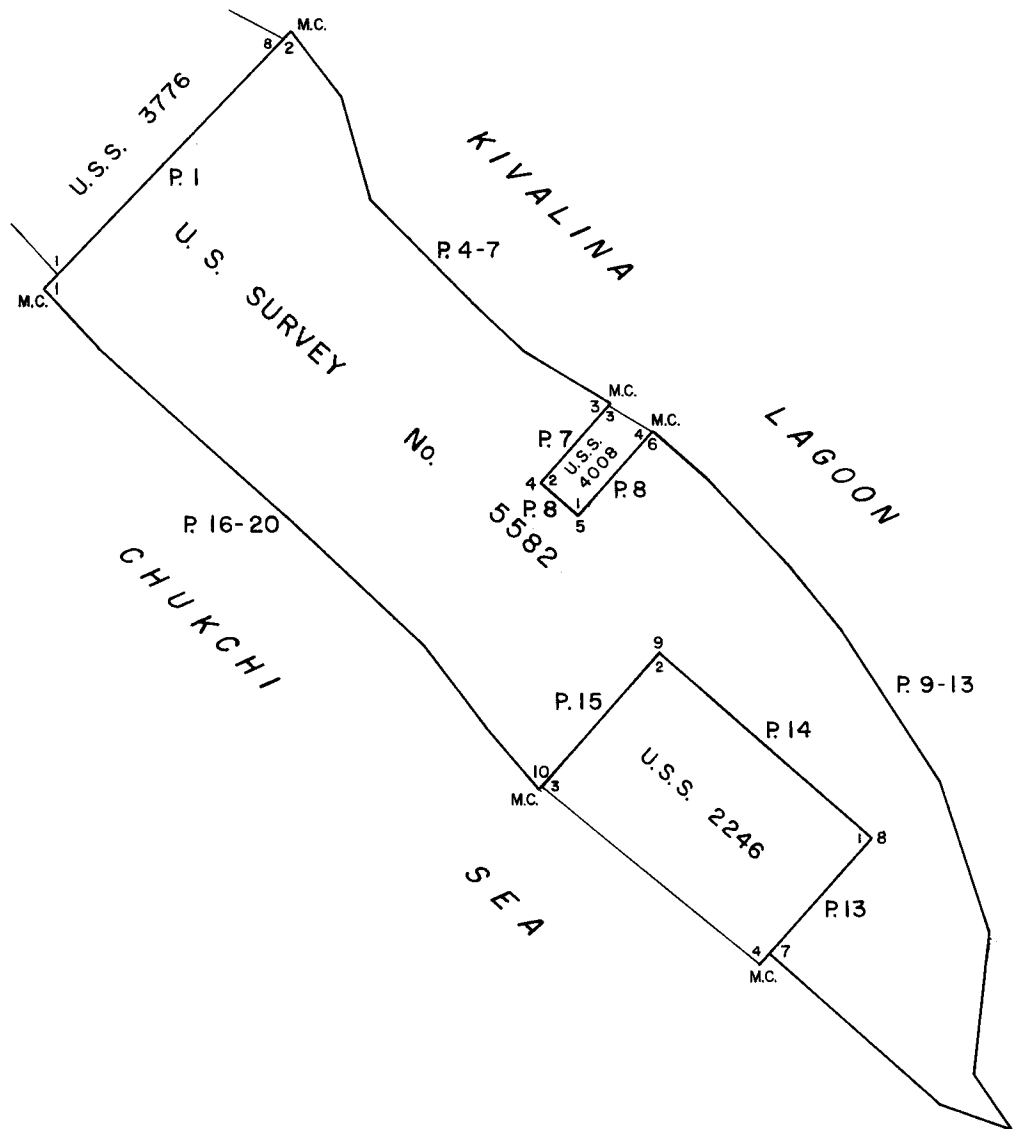
Survey commenced SEPTEMBER 19, 19 71

Survey completed SEPTEMBER 27, 19 71

INDEX DIAGRAM

U.S. SURVEY
No. 5582

KIVALINA TOWNSITE



U.S. SURVEY NO. 5582, ALASKA

XXXX
FEET

U.S. Survey No. 2246, was surveyed in 1937 by Public Land Surveyor, Leonard M. Berlin. U.S. Survey No. 3776, was surveyed by Cadastral Surveyor, Ray Harpin, in 1960. U.S. Survey No. 4008, was also surveyed in 1960, by Ray Harpin.

This survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1947, and the Special Instructions dated August 19, 1971.

Azimuth was obtained from corner No. 1, U.S. Survey No. 2246, to U.S. Location Monument No. 2246.

The approximate geographic position of meander corner No. 1, is Latitude $67^{\circ}43'45''$ North, Longitude $164^{\circ}32'30''$ West, as scaled from U.S. Geological Survey topographic map, NOATAK (C-5), Alaska, 1952 edition.

The observed magnetic declination at meander corner No. 1, was $18\frac{1}{2}^{\circ}$ East.

PRELIMINARY STATEMENT

During the execution of this survey it was necessary to retrace lines 1-2, 2-3, and 4-1, U.S. Survey No. 2246; lines 1-8, U.S. Survey No. 3776; and lines 1-2, 2-3, and 1-4, U.S. Survey No. 4008.

Cor. No. 1, U.S. Survey No. 2246, and U.S. Location Monument No. 2246, were found in good condition. There was no remaining evidence of cor. No. 2, witness corner to the meander cor. No. 3, or witness corner to the meander cor. No. 4. The positions for cor. No. 2, witness cor. to the meander cor. No. 3, and witness cor. to the meander cor. No. 4, were reestablished by the broken boundary method. A new position for witness cor. to the meander cor. No. 3, and witness cor. to the meander cor. No. 4, was later established.

Witness cor. to the meander cor. No. 1, and witness cor. to the meander cor. No. 8, U.S. Survey No. 3776, were found in good condition.

Cor. No. 1, cor. No. 2, witness cor. to the meander cor. No. 3, and witness cor. to the meander cor. No. 4, U.S. Survey No. 4008, were found in good condition.

The field notes of the retracements are written in the field notes of this survey.

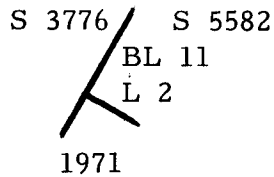
Begin at true point for meander cor. No. 1, on the northeasterly shore of the Chukchi Sea; an unsafe place for a monument.

N. $43^{\circ}37'$ E., along line 1-2, identical with line 1-8, U.S. Survey No. 3776.

U.S. SURVEY NO. 5582, ALASKA

| XXXX FEET | |
|-------------------------|--|
| 47.58 | <p>Gradually ascending across sandy beach.</p> <p>(0.7209 chs.) Point for original meander cor. No. 1, U.S. Survey No. 3776; not monumented.</p> |
| 57.68 | <p>(0.8739 chs.) Point for most westerly cor. of Lot 2, Block 13; an unsafe place for a monument.</p> |
| 179.58 | <p>(2.7209 chs.) Point selected for witness cor. to the meander cor. No. 1, identical with witness cor. to the meander cor. No. 1, U.S. Survey No. 3776.</p> <p>Monumented with an iron post, 2½ ins. diam., firmly set and mkd. as described in the official record of U.S. Survey No. 3776.</p> <p>Add marks to now read</p> <div data-bbox="602 962 1040 1204" style="text-align: center;"> <p>L 1 S 3776 C 1</p> <p>WCMC</p> <p>S 5582 C 1</p> <p>1971 1960</p> </div> <p>No suitable bearing objects available.</p> |
| 219.58 | <p>(3.3270 chs.) Point for the most northerly cor. of Block 13, at the intersection of the southerly bdy. of Bering Street with the easterly bdy. of U.S. Survey No. 3776.</p> <p>At the cor. point</p> <p>Drive a Copperweld, 36 ins. in the ground, with brass cap mkd.</p> <div data-bbox="743 1615 992 1776" style="text-align: center;"> <p>S 3776</p> <p>S 5582 BL 13 L 2</p> <p>1971</p> </div> |
| 229.58 | <p>(3.4785 chs.) Centerline terminus of Bering Street, at the intersection with the easterly bdy. of U.S. Survey No. 3776.</p> <p>At the cor. point</p> <p>Set a concrete-filled iron post, 28 ins. long, 2½ ins. diam., 34 ins. in the ground, with brass cap mkd.</p> <div data-bbox="743 2085 992 2206" style="text-align: center;"> <p>S 3776</p> <p>S 5582</p> <p>1971</p> </div> |
| 239.58 | <p>(3.6300 chs.) Point for the most westerly cor. of Block 11, at the intersection of the easterly bdy. of U.S. Survey No. 3776, with the northerly bdy. of Bering Street.</p> <p>At the cor. point</p> <p>Drive a Copperweld, 36 ins. in the ground, with brass cap mkd.</p> |

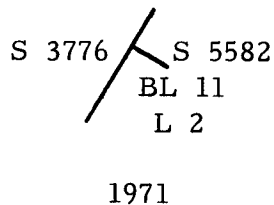
U.S. SURVEY NO. 5582, ALASKA

~~CHAINS~~
FEET

314.39 (4.7635 chs.) Point for the most northerly cor. of Block 11, at the intersection of the southerly bdy. of Channel Street with the easterly bdy. of U.S. Survey No. 3776.

At the cor. point

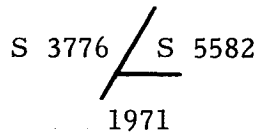
Drive a Copperweld, 36 ins. in the ground, with brass cap mkd.



329.58 (4.9936 chs.) Centerline terminus of Channel Street, at the easterly bdy. of U.S. Survey No. 3776.

At the cor. point

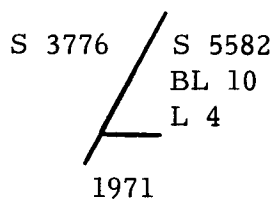
Set a concrete-filled iron post, 28 ins. long, 2½ ins. diam., 34 ins. in the ground, with brass cap mkd.



344.77 (5.2238 chs.) Point for the most westerly cor. of Block 10, at the intersection of the northerly bdy. of Channel Street with the easterly bdy. of U.S. Survey No. 3776.

At the cor. point

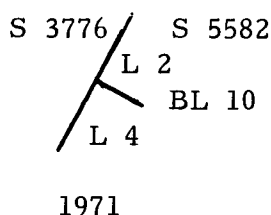
Drive a Copperweld, 36 ins. in the ground, with brass cap mkd.



458.53 (6.9474 chs.) Point for the most northerly cor. of Lot 4, and the most westerly cor. of Lot 2, Block 10.

At the cor. point

Drive an aluminum-capped iron rod, 24 ins. in the ground, mkd.



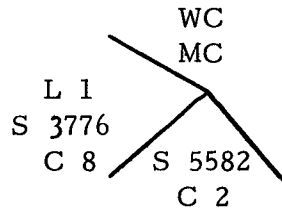
U.S. SURVEY NO. 5582, ALASKA

~~XXX~~
FEET

509.68

(7.7224 chs.) Point selected for witness cor. to the meander cor. No. 2, identical with witness cor. to the meander cor. No. 8, U.S. Survey No. 3776, monumented with an iron post, 2½ ins. diam., firmly set and mkd. as described in the official record of U.S. Survey No. 3776.

Add marks to now read



1971

1960

No suitable bearing objects available.

543.53

(8.2353 chs.) Point for the most westerly cor. of Lot 1, and the most northerly cor. of Lot 2, Block 10; an unsafe place for a monument.

Begin slight descent.

721.08

(10.9255 chs.) Point for original meander cor. No. 8, U.S. Survey No. 3776; not monumented.

747.05

(11.3189 chs.) True point for meander cor. No. 2, and most northerly cor. of Block 10; an unsafe place for a monument.

Thence with meanders of U.S. Survey No. 5582, along the shoreline of Kivalina Lagoon.

Along the toe of a sandy bank, approximately 5 ft. high.

S. 37°05'34" E., 172.26 ft. (2.6100 chs.) At 151.99 ft. (2.3029 chs.) true point for most easterly meander cor. of Block 10; an unsafe place for a monument.

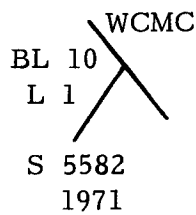
From the meander cor. point, the witness cor. to the NE. meander cor. of Lot 1, Block 10, bears S. 43°37' W., 100.17 ft. (1.5177 chs.) dist.

At the cor. point

Drive a Copperweld, 36 ins. in the ground, with brass cap mkd.

U.S. SURVEY NO. 5582, ALASKA

XXXXX
CHAIN
FEET



At end of course, centerline terminus of North Street; an unsafe place for a monument.

From this point, a monument on North Street centerline, bears S. 43°37' W., 96.90 ft. (1.4682 chs.) dist.

At the cor. point

Set a concrete-filled iron post, 28 ins. long, 2½ ins. diam., 34 ins. in the ground, with brass cap mkd.

S 5582
+
1971

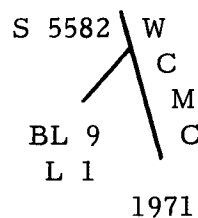
S. 15°36' E., 228.74 ft.

(3.4658 chs.) At 23.28 ft. (0.3527 chs.) true point for the most northerly meander cor. of Block 9; an unsafe place for a monument.

From the meander cor. point, the witness cor. to the NE. meander cor. of Lot 1, Block 9, bears S. 43°37' W., 84.98 ft. (1.2876 chs.) dist.

At the cor. point

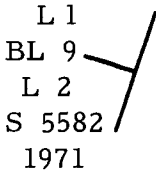
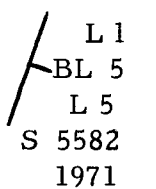
Drive a Copperweld, 36 ins. in the ground, with brass cap mkd.



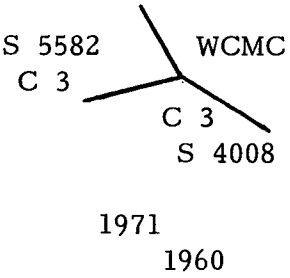
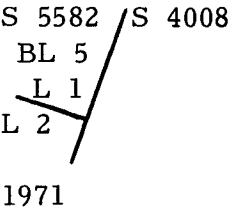
S. 44°20'12" E., 304.47 ft. (4.6132 chs.) At 284.41 ft. (4.3092 chs.) true point for most easterly meander cor. of Block 9; an unsafe place for a monument.

From the meander cor. point, the cor. of Block 9, Lot 2, bears S. 41°18' W., 49.17 ft. (0.7450 chs.) dist.

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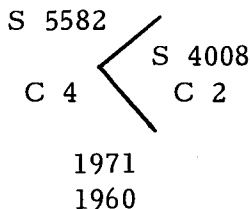
| | | |
|---------------------------------|---|--|
| <p>XXXX FEET</p> | <p>At the cor. point</p> <p>Drive a Copperweld, 36 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;">  </div> <p>At end of course, centerline terminus of Berry Street; an unsafe place for a monument.</p> <p>From this point, a monument on Berry Street centerline, bears S. 41°18' W., 50.15 ft. (.7598 chs.) dist.</p> <p>At the cor. point</p> <p>Set a concrete-filled iron post, 28 ins. long, 2½ ins. diam., 34 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>S 5582 + 1971</p> </div> | |
| | <p>S. 46°27' E., 144.64 ft. (2.1915 chs.) At 20.02 ft. (0.3033 chs.) true point for most northerly meander cor. of Block 5; an unsafe place for a monument.</p> <p>From the meander cor. point, the NE. cor. of Block 5, Lot 5, bears S. 41°18' W., 51.85 ft. (.7856 chs.) dist.</p> <p>At the cor. point</p> <p>Drive a Copperweld, 36 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;">  </div> | |
| | <p>S. 58°19' E., 213.39 ft. (3.2332 chs.) At end of course, true point for meander cor. No. 3, and most southeasterly</p> | |

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| CHAINS FEET | cor. of Block 5; an unsafe place for a monument. |
|---------------------------|--|
| | S. 41°27' W., along line 3-4, identical with line 3-2, U.S. Survey No. 4008. |
| | Ascending over gravelly soil. |
| 6.57 | (0.0995 chs.) Point for original meander cor. No. 3, U.S. Survey No. 4008; not monumented. |
| 32.97 | (.4995 chs.) Point selected for witness cor. to the meander cor. No. 3, identical with witness cor. to the meander cor. No. 3, U.S. Survey No. 4008. |
| | Monumented with an iron post, 2½ ins. diam., firmly set and mkd. as described in the official record of U.S. Survey No. 4008. |
| | Add marks to now read |
| |  <p style="text-align: center;">1971 1960</p> |
| | No suitable bearing objects available. |
| 82.61 | (1.2517 chs.) Point for most southerly cor. of Lots 1 and 2, Block 5, on line 3-2, U.S. Survey No. 4008. |
| | At the cor. point |
| | Drive an aluminum-capped iron rod, 24 ins. in the ground, mkd. |
| |  <p style="text-align: center;">1971</p> |
| 222.19 | (3.3665 chs.) Point for cor. No. 4, identical with cor. No. 2, U.S. Survey No. 4008. |
| | Monumented with an iron post, 2½ ins. diam., firmly set and mkd. as described in the official record of U.S. Survey No. 4008. |
| | Add marks to now read |

U.S. SURVEY NO. 5582, ALASKA

~~XXXX~~
FEET



No suitable bearing objects available.

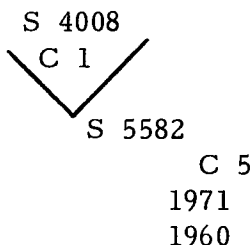
S. 48°33' E., along line 4-5, identical with line 2-1, U.S. Survey No. 4008.

Over level gravelly soil.

105.51 (1.5986 chs.) Point for cor. No. 5, identical with cor. No. 1, U.S. Survey No. 4008.

Monumented with an iron post, 2½ ins. diam., firmly set and mkd. as described in the official record of U.S. Survey No. 4008.

Add marks to now read



No suitable bearing objects available.

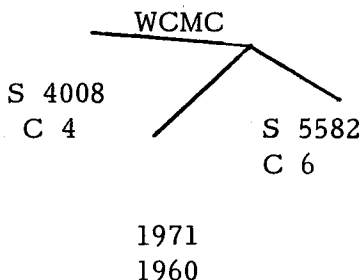
N. 41°27' E., along line 5-6, identical with line 1-4, U.S. Survey No. 4008.

Begin slight descent, across gravelly soil.

189.22 (2.8670 chs.) Point selected for witness cor. to the meander cor. No. 6, identical with witness cor. to the meander cor. No. 4, U.S. Survey No. 4008.

Monumented with an iron post, 2½ ins. diam., firmly set and mkd. as described in the official record of U.S. Survey No. 4008.

Add marks to now read



No suitable bearing objects available.

U.S. SURVEY NO. 5582, ALASKA

~~XXXXX~~
FEET
230.34

(3.4900 chs.) Point for original meander cor. No. 4, U.S. Survey No. 4008; not monumented.

238.75

(3.6174 chs.) True point for meander cor. No. 6; an unsafe place for a monument.

Thence with meanders of U.S. Survey No. 5582, along the shoreline of Kivalina Lagoon.

Along the toe of a sandy bank, approximately 6 ft. high.

S. 48°37' E., 155.24 ft. (2.3521 chs.) At 10.00 ft. (0.1515 chs.) centerline terminus of Wulik Street; an unsafe place for a monument.

From this point, a monument on Wulik Street centerline, bears S. 41°27' W., 25.87 ft. (0.3920 chs.) dist.

At the cor. point

Set a concrete-filled iron post, 28 ins. long, 2½ ins. diam., 34 ins. in the ground, with brass cap mkd.

S 5582
+
1971

At 20.00 ft. (0.3030 chs.) most northerly cor. of Block 4; an unsafe place for a monument.

From the meander cor. point, the NE. cor. of Block 4, Lot 5, bears S. 41°27' W., 25.88 ft. (0.3921 chs.) dist.

At the cor. point

Drive a Copperweld, 36 ins. in the ground, with brass cap mkd.

L 1
BL 4
L 5
S 5582
1971

S. 42°11'59" E., 99.75 ft. (1.5114 chs.) At 89.71 ft. (1.3592 chs.) most easterly

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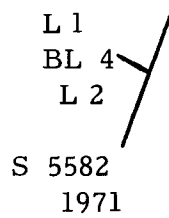
~~XXXX~~
CHAINS
FEET

cor. of Block 4; an unsafe place for a monument.

From the meander cor. point, the SE. cor. of Block 4, Lot 1, bears S. 42°42' W., 28.40 ft. (.4303 chs.) dist.

At the cor. point

Drive a Copperweld, 36 ins. in the ground, with brass cap mkd.



At end of course, centerline terminus of Corwin Street; an unsafe place for a monument.

From this point, a point on Corwin Street centerline, bears S. 42°42' W., 27.51 ft. (.4168 chs.) dist.

At the cor. point

Set a concrete-filled iron post, 28 ins. long, 2½ ins. diam., 34 ins. in the ground, with brass cap mkd.

S 5582
+
1971

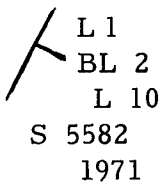
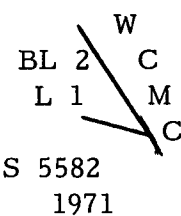
S. 42°29' E., 149.73 ft. (2.2686 chs.) At 10.04 ft. (0.1521 chs.) most northerly cor. of Block 2; an unsafe place for a monument.

From the meander cor. point, the NE. cor. of Block 2, Lot 10, bears S. 42°42' W. 26.67 ft. (.4041 chs.) dist.

At the cor. point

Drive a Copperweld, 36 ins. in the ground, with brass cap mkd.

U.S. SURVEY NO. 5582, ALASKA

| CHAINS FEET | |
|----------------|--|
| |  <p>L 1 BL 2 L 10 S 5582 1971</p> |
| | <p>S. 38°42' E., 171.80 ft. (2.6030 chs.)</p> <p>S. 32°39' E., 378.90 ft. (5.7409 chs.)</p> <p>S. 17°33'25" E., 333.20 ft. (5.0485 chs.) At 313.74 ft. (4.7536 chs.) most southerly cor. of Block 2; an unsafe place for a monument.</p> <p>From the meander cor. point, the witness cor. to the meander cor. of Block 2, Lot 1, bears N. 48°29' W., 132.86 ft. (2.0130 chs.) dist.</p> <p>At the cor. point</p> <p>Drive a Copperweld, 36 ins. in the ground, with brass cap mkd.</p>  <p>BL 2 L 1 W C M S 5582 1971</p> <p>At end of course, centerline terminus of Channel Street; an unsafe place for a monument.</p> <p>From this point, a point on Channel Street centerline, bears N. 48°29' W., 149.55 ft. (2.2659 chs.) dist.</p> <p>At the cor. point</p> <p>Set a concrete-filled iron post, 28 ins. long, 2½ ins. diam., 34 ins. in the ground, with brass cap mkd.</p> <p>S 5582 + 1971</p> |
| | <p>S. 6°37' W., 305.90 ft. (4.6348 chs.) Begin sandbar, leaving entrance to Kivalina Lagoon, also known as Corwin Lagoon.</p> <p>At 12.19 ft. (0.1847 chs.) NE. cor. of Block 1; an unsafe</p> |

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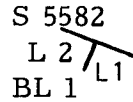
~~XXXXX~~
FEET

place for a monument.

From the meander cor. point, the NE. cor. of Block 1, Lot 2, bears N. 48°29' W., 156.53 ft. (2.3717 chs.) dist.

At the cor. point

Drive a Copperweld, 36 ins. in the ground, with brass cap mkd.



1971

S. 34°33' E., 144.30 ft. (2.1864 chs.)

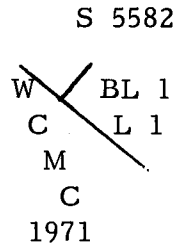
N. 69°14' W., 163.85 ft. (2.4826 chs.) Begin meanders of Chukchi Sea.

N. 47°42'03" W., 477.49 ft. (7.2347 chs.) At 437.48 ft. (6.6285 chs.) most westerly cor. of Block 1; an unsafe place for a monument.

From the meander cor. point, the witness cor. to the westernmost meander cor. of Block 1, Lot 1, bears N. 41°31' E., 109.91 ft. (1.6653 chs.) dist.

At the cor. point

Drive a Copperweld, 36 ins. in the ground, with brass cap mkd.



At 457.48 ft. (6.9315 chs.) Centerline terminus of Baldwin Street; an unsafe place for a monument.

From this point, a monument on Baldwin Street centerline, bears N. 41°31' E., 109.65 ft. (1.6614 chs.) dist.

At the cor. point

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| <p>CHAINS FEET</p> | <p>Set a concrete-filled iron post, 28 ins. long, 2½ ins. diam., 34 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">S 5582 + 1971</p> <p>At end of course, intersect line 4-1, U.S. Survey No. 2246, at true point for meander cor. No. 7; an unsafe place for a monument.</p> <p>From which the true point for original meander cor. No. 4, U.S. Survey No. 2246, bears S. 41°31' W., 22.64 ft. (0.3430 chs.) dist.; an unsafe place for a monument.</p> | |
|-----------------------------------|---|--|
| <p>109.36</p> | <p>N. 41°31' E., along line 7-8, identical with line 4-1, U.S. Survey No. 2246.</p> <p>Slightly ascending across sandy beach.</p> <p>(1.6570 chs.) Point selected for witness cor. to the meander cor. No. 7, identical with new position for witness cor. to the meander cor. No. 4, U.S. Survey No. 2246.</p> <p>Set an iron post, filled with concrete, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div data-bbox="747 1559 1039 1827" style="text-align: center;"> <p>S 2246 C 4 S 5582 C 7</p> <p>WC MC</p> <p>1971</p> </div> <p>No suitable bearing objects available.</p> | |
| <p>327.16</p> | <p>(4.9570 chs.) Point for cor. No. 8, identical with cor. No. 1, U.S. Survey No. 2246.</p> <p>Monumented with an iron post, 2 ins. diam., firmly set and mkd. as described in the official record of U.S. Survey No. 2246.</p> <p>At the cor. point, set an iron post, filled with concrete, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div data-bbox="763 2284 1104 2499" style="text-align: center;"> <p>S 2246 S 5582 C 1 C 8</p> <p>1971 1937</p> </div> | |

U.S. SURVEY NO. 5582, ALASKA

~~XXXX~~
FEET

Buried original iron post alongside.

from which

U.S. Location Monument No. 2246, an iron post,
2 ins. diam., firmly set and mkd. as
described in the official record of U.S.
Survey No. 2246, bears S. 64°54' E.,
168.49 ft. (2.5529 chs.) dist.

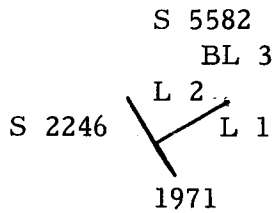
N. 48°29' W., along line 8-9, identical with line 1-2, U.S.
Survey No. 2246.

Over level, gravelly soil.

354.00 (5.3636 chs.) Point for the cor. of Lots 1 and 2, Block 3.

At the cor. point

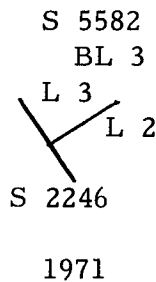
Drive an aluminum-capped iron rod, 24 ins. in the ground,
mkd.



454.00 (6.8788 chs.) Point for the cor. of Lots 2 and 3, Block 3.

At the cor. point

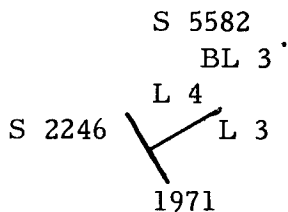
Drive an aluminum-capped iron rod, 24 ins. in the ground,
mkd.



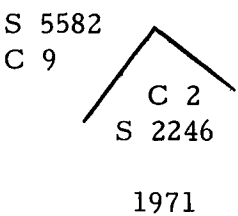
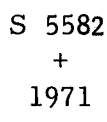
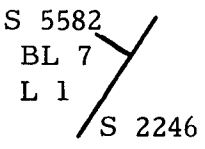
529.00 (8.0152 chs.) Point for the cor. of Lots 3 and 4, Block 3.

At the cor. point

Drive an aluminum-capped iron rod, 24 ins. in the ground,
mkd.



U.S. SURVEY NO. 5582, ALASKA

| CHAINS FEET | |
|---------------------------|---|
| 594.00 | <p>(9.0000 chs.) Point for cor. No. 9, identical with cor. No. 2, U.S. Survey No. 2246.</p> <p>Set an iron post, filled with concrete, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;">  </div> <p>There was no remaining evidence of the original cor.</p> <p>Dig pit , 18 x 18 x 12 ins., S. 41°31' W., 3 ft. dist.</p> |
| | <p>S. 41°31' W., along line 9-10, identical with line 2-3, U.S. Survey No. 2246.</p> <p>Over level gravelly soil.</p> |
| 26.23 | <p>(0.3974 chs.) Centerline terminus of Corwin and Bering Streets.</p> <p>At the cor. point</p> <p>Set a concrete-filled iron post, 28 ins. long, 2½ ins. diam., 34 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;">  </div> |
| 46.23 | <p>(0.7005 chs.) Point for the most easterly cor. of Block 7, Lot 1, at the intersection of the South line of Bering Street with U.S. Survey No. 2246.</p> <p>At the cor. point</p> <p>Drive a Copperweld, 36 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;">  </div> |
| 146.23 | <p>(2.2156 chs.) Point for the cor. of Lots 1 and 3, Block 7.</p> <p>At the cor. point</p> <p>Drive an aluminum-capped iron rod, 24 ins. in the ground, mkd.</p> |

U.S. SURVEY NO. 5582, ALASKA

~~XXXX~~
FEET

S 5582
L 1 / S 2246
BL 7
L 3

1971

244.20 (3.7000 chs.) Point selected for witness cor. to the meander cor. No. 10, identical with new position for witness cor. to the meander cor. No. 3, U.S. Survey No. 2246.

There was no remaining evidence of witness cor. to the meander cor. No. 3.

Set an iron post, filled with concrete, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

S 5582
C 10 / S 2246
WC C 3
MC
1971

Dig pit , 18 x 18 x 12 ins., N. 41°31' E., 3 ft. dist.

253.29 (3.8377 chs.) Point for the cor. of Lots 3 and 4, Block 7; an unsafe place for a monument.

376.20 (5.7000 chs.) Point for original meander cor. No. 3, U.S. Survey No. 2246; an unsafe place for a monument.

381.21 (5.7759 chs.) True point for meander cor. No. 10; an unsafe place for a monument.

Thence with meanders of U.S. Survey No. 5582, along the shoreline of the Chukchi Sea:

Along sandy beach averaging 30 ft. wide.

N. 39°13'18" W., 163.34 ft. (2.4748 chs.) At 153.20 ft.
(2.3212 chs.) Point for most westerly cor. of Block 7; an unsafe place for a monument.

From the meander cor. point, the SW. cor. of Block 7, Lot 3, bears N. 41°18' E., 106.03 ft. (1.6065 chs.) dist.

At the cor. point

Drive a Copperweld, 36 ins. in the ground, with brass cap mkd.

U.S. SURVEY NO. 5582, ALASKA

~~CHAINS~~
FEET

S 5582
BL 7
L 3
L 4
1971

At end of course, centerline terminus of Chukchi Street; an unsafe place for a monument.

From this point, a monument on the centerline of Chukchi Street, bears N. $41^{\circ}18'$ E., 104.58 ft. (1.5845 chs.) dist.

At the cor. point

Set a concrete-filled iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 34 ins. in the ground, with brass cap mkd.

S 5582
+
1971

N. $36^{\circ}06'$ W., 223.15 ft. (3.3811 chs.) At 10.25 ft. (0.1553 chs.) Point for most southerly cor. of Block 8; an unsafe place for a monument.

From the meander cor. point, the SE. cor. of Lot 1, Block 8, bears N. $41^{\circ}18'$ E., 102.43 ft. (1.5520 chs.) dist.

At the cor. point

Drive a Copperweld, 36 ins. in the ground, with brass cap mkd.

S 5582
BL 8
L 1
L 8
1971

N. $45^{\circ}54'53''$ W., 392.69 ft. (5.9498 chs.) At 372.66 ft. (5.6464 chs.) Point for most westerly cor. of Block 8; an unsafe place for a monument.

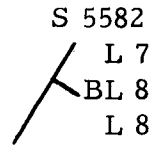
From the meander cor. point, the SW. cor. of Lot 7, Block 8, bears N. $41^{\circ}18'$ E., 55.70 ft. (.8439 chs.) dist.

U.S. SURVEY NO. 5582, ALASKA

XXX
CHAINS
FEET

At the cor. point

Drive a Copperweld, 36 ins. in the ground, with brass cap mkd.



1971

At end of course, centerline terminus of Berry Street; an unsafe place for a monument.

From this point, a monument on the centerline of Berry Street, bears N. 41°18' E., 55.34 ft. (.8385 chs.) dist.

At the cor. point

Set a concrete-filled iron post, 28 ins. long, 2½ ins. diam., 34 ins. in the ground, with brass cap mkd.

S 5582

+

1971

N. 47°56'54" W., 524.49 ft. (7.9468 chs.) At 20.00 ft. (0.3030 chs.) Point for most southerly cor. of Block 14; an unsafe place for a monument.

From the meander cor. point, the SE. cor. of Lot 1, Block 14, bears N. 41°18' E., 55.58 ft. (.8421 chs.) dist.

At the cor. point

Drive a Copperweld, 36 ins. in the ground, with brass cap mkd.

S 5582

BL 14

L 1

L 6

1971

At 504.48 ft. (7.6436 chs.) Point for most westerly cor. of

U.S. SURVEY NO. 5582, ALASKA

~~CHAINS~~
FEET

Block 14; an unsafe place for a monument.

From the meander cor. point, the SW. cor. of Lot 5, Block 14, bears N. $43^{\circ}37'$ E., 61.49 ft. (.9317 chs.) dist.

At the cor. point

Drive a Copperweld, 36 ins. in the ground, with brass cap mkd.

S 5582

BL 14

L 5

L 6

1971

At end of course, centerline terminus of North Street; an unsafe place for a monument.

From this point, a monument on the centerline of North Street, bears N. $43^{\circ}37'$ E., 61.73 ft. (.9353 chs.) dist.

At the cor. point

Set a concrete-filled iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 34 ins. in the ground, with brass cap mkd.

S 5582

+

1971

N. $45^{\circ}01'07''$ W., 170.05 ft. (2.5765 chs.) At 20.01 ft. (0.3032 chs.) Point for most southerly cor. of Block 13; an unsafe place for a monument.

From the meander cor. point, the SE. cor. of Lot 1, Block 13, bears N. $43^{\circ}37'$ E., 61.25 ft. (.9280 chs.) dist.

At the cor. point

Drive a Copperweld, 36 ins. in the ground, with brass cap mkd.

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U.S. SURVEY NO. 5582, ALASKA

~~XXXX~~
FEET

S 5582

BL 13

L 1

L 3

1971

At end of course, most westerly
cor. of Block 13, and point of
beginning.

SUBDIVISION OF THE SURVEY

All details as to subdivision into blocks, lots, and streets, bearings and lengths of interior lines, widths of streets, boundaries and areas of blocks and lots, names of streets, and numbers of lots and blocks, omitted from this field note record, are shown on the plat.

Unless otherwise shown, all intersections and angle points of street centerlines are monumented with iron posts, 28 ins. long, $2\frac{1}{2}$ ins. diam., with concrete core, set below the surface of the ground, with the brass cap marked with the survey number, a cross for the true point, and the date 1971.

Unless otherwise shown, all block corners are monumented with Copperwelds, driven to various depths in the ground, with brass caps marked with block lines and lot and block numbers. Copperweld is a trade name for a copper-coated steel rod, 36 ins. long, $\frac{9}{16}$ in. diam., with brass cap, 2 ins. diam.

Unless otherwise shown, all lot corners are monumented with iron rods, 24 ins. long, $\frac{5}{8}$ in. diam., driven to various depths in the ground, with aluminum caps marked with the appropriate lot lines and numbers.

GENERAL DESCRIPTION

The terrain is nearly level, averaging 5 to 10 feet above sea level. The soil is sandy gravel, with no vegetation except some short grass and lichen.

Access to the area is by plane or boat.

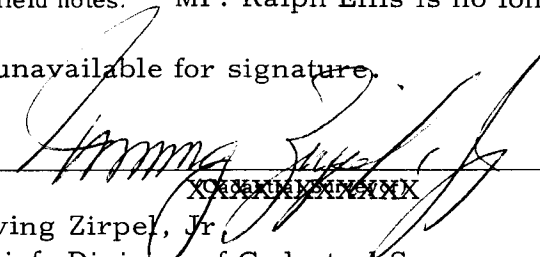
245

CERTIFICATE OF SURVEY

(I) ~~(We)~~ Ralph J. Ellis, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 19th day of August, 19 71, (I) ~~(We)~~ have surveyed U.S. Survey No. 5582, Kivalina townsite, situated on the east shore of the Chukchi Sea, approximately 72 miles northwest of Kotzebue,

of the Meridian, in the State of Alaska, which are represented in the foregoing field notes as having been executed by (me), ~~(us)~~ and under (my) ~~(our)~~ direction; and that said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes. Mr. Ralph Ellis is no longer employed with the Bureau and is unavailable for signature.

June 4, 1975
(Date)


~~XXXXXXXXXXXX~~
Irving Zirpel, Jr.
Chief, Division of Cadastral Survey
(Date) (Cadastral Surveyor)

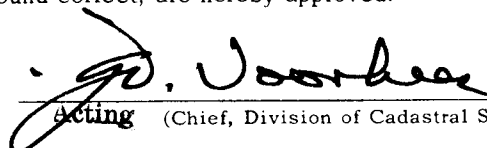
CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Washington, D.C.

The foregoing field notes of the survey of U.S. Survey No. 5582, townsite of Kivalina, situated on the east shore of the Chukchi Sea, approximately 72 miles northwest of Kotzebue, Alaska,

executed by Ralph J. Ellis, Supervisory Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

MAY 16 1977
(Date)


Acting (Chief, Division of Cadastral Survey)

CERTIFICATE OF TRANSCRIPT

I CERTIFY That the foregoing transcript of the field notes of the above-described surveys in, is a true copy of the original field notes.

(Date) (Chief, Division of Cadastral Survey) GPO 849-626