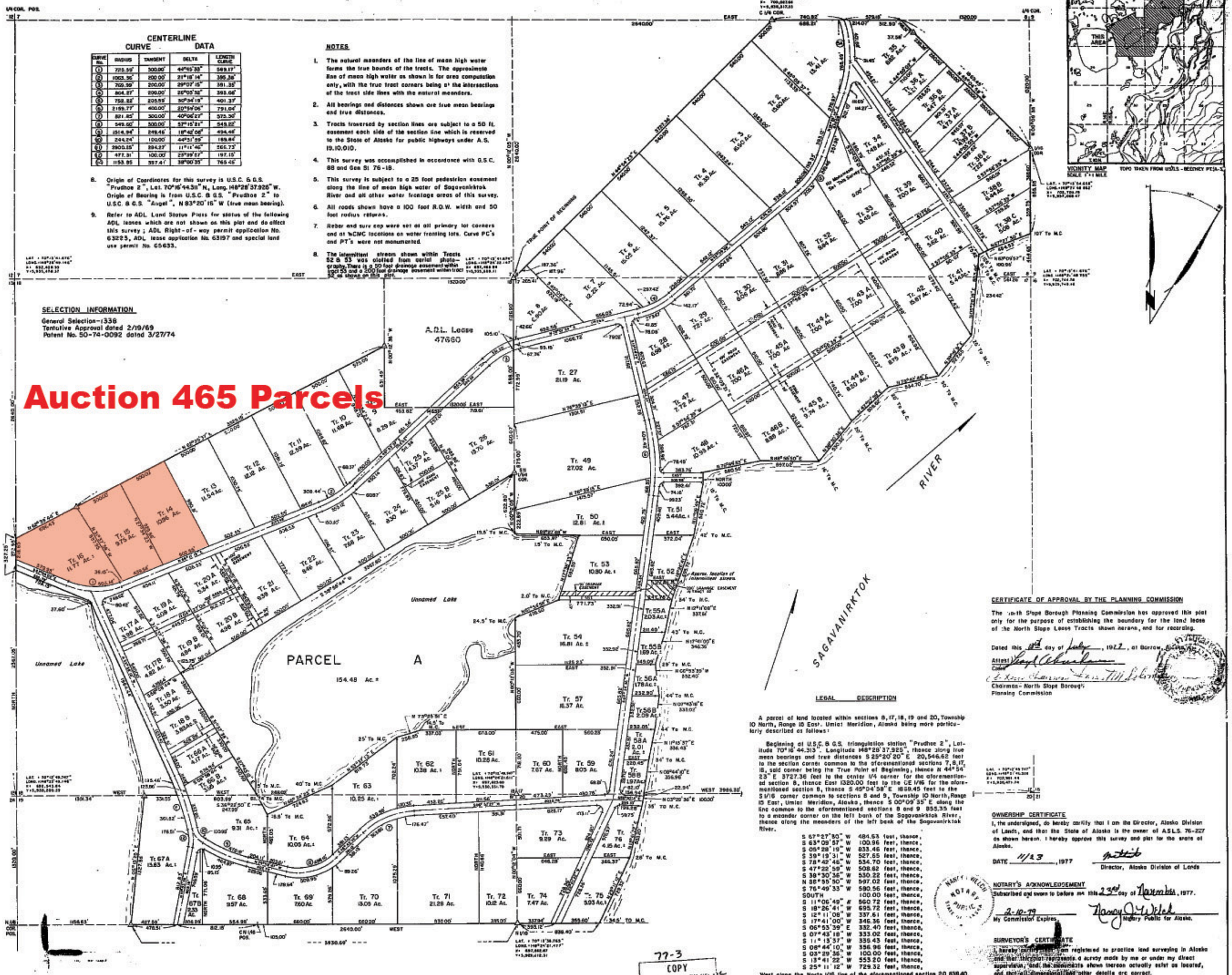
LOCATED IN SECTIONS 8, 17, 18, 19 & 20, TOWNSHIP 10 NORTH, RANGE 15 EAST, UMIAT MERIDIAN, ALASKA



CENTERLINE CURVE DATA

CURVE NO.	RADIUS	TANGENT	DELTA	LENGTH CURVE
1	723.59'	300.00'	44°05'33"	569.17'
2	1063.36'	200.00'	21°18'14"	395.26'
3	709.99'	200.00'	29°07'15"	361.35'
4	804.27'	200.00'	26°05'32"	363.06'
5	758.22'	205.59'	30°34'19"	401.37'
6	2159.77'	400.00'	20°59'06"	791.04'
7	821.85'	300.00'	40°06'27"	575.30'
8	549.60'	300.00'	57°15'21"	549.22'
9	1514.94'	249.46'	18°42'06"	494.46'
10	244.24'	100.00'	44°31'59"	189.84'
11	2900.35'	394.27'	11°11'46"	566.73'
12	477.31'	100.00'	23°39'27"	197.15'
13	1153.95	357.41'	38°00'35"	765.46'

8. Origin of Coordinates for this survey is U.S.C. & G.S. "Prudhoe 2", Lat. 70°16'44.311" N, Long. 148°28'37.926" W. Origin of Bearing is from U.S.C. & G.S. "Prudhoe 2" to U.S.C. & G.S. "Angel", N 83°20'15" W (true mean bearing).

9. Refer to ADL Land Status Plats for status of the following ADL leases which are not shown on this plat and do affect this survey; ADL Right-of-way permit application No. 63225, ADL lease application No. 63197 and special land use permit No. 65633.

NOTES

1. The natural meanders of the line of mean high water forms the true bounds of the tracts. The approximate line of mean high water as shown is for area computation only, with the true tract corners being at the intersections of the tract side lines with the natural meanders.
2. All bearings and distances shown are true mean bearings and true distances.
3. Tracts traversed by section lines are subject to a 50 ft. easement each side of the section line which is reserved to the State of Alaska for public highways under A.S. 19.10.010.
4. This survey was accomplished in accordance with G.S.C. 88 and Gen Sl 76-18.
5. This survey is subject to a 25 foot pedestrian easement along the line of mean high water of Sagavanirktok River and all other water frontage areas of this survey.
6. All roads shown have a 100 foot R.O.W. width and 50 foot radius returns.
7. Rebar and surv cap were set at all primary lot corners and at WCMC locations on water fronting lots. Curve PC's and PT's were not monumented.
8. The intermittent streams shown within Tracts 52 & 53 was plotted from aerial photography. There is a 50 foot drainage easement within tract 53 and a 200 foot drainage easement within tract 52 as shown on this plat.

SELECTION INFORMATION

General Selection-1338
Tentative Approval dated 2/19/69
Patent No. 50-74-0092 dated 3/27/74

LEGEND

- △ Primary monument set this survey (8" copperweld and 3 1/2" brass cap).
- • WCMC's set this survey (rebar and surv cap).
- ⊥ Lot corners set this survey (rebar and surv cap).
- —— Approximate lake boundary.

CERTIFICATE OF APPROVAL BY THE PLANNING COMMISSION

The North Slope Borough Planning Commission has approved this plat only for the purpose of establishing the boundary for the land lease of the North Slope Lease Tracts shown herein, and for recording.

Dated this 18th day of July, 1977, at Barrow, Alaska.

Attest: [signature]
Clerk

[signature]
Chairman - North Slope Borough Planning Commission

LEGAL DESCRIPTION

A parcel of land located within sections 8, 17, 18, 19 and 20, Township 10 North, Range 15 East, Umiat Meridian, Alaska being more particularly described as follows:

Beginning at U.S.C. & G.S. triangulation station "Prudhoe 2", Latitude 70° 16' 44.313", Longitude 148° 28' 37.925", thence along true mean bearings and true distances S 25° 20' 20" E 20,546.62 feet to the section corner common to the aforementioned sections 7, 8, 17, 18, said corner being the True Point of Beginning, thence N 44° 54' 23" E 3727.36 feet to the center 1/4 corner for the aforementioned section 8, thence East 1320.00 feet to the CE 1/16 for the aforementioned section 8, thence S 45° 04' 38" E 1859.45 feet to the S 1/16 corner common to sections 8 and 9, Township 10 North, Range 15 East, Umiat Meridian, Alaska, thence S 00° 09' 35" E along the line common to the aforementioned sections 8 and 9 855.35 feet to a meander corner on the left bank of the Sagavanirktok River, thence along the meanders of the left bank of the Sagavanirktok River,

S 67° 27' 30" W 484.63 feet, thence,
S 63° 09' 57" W 100.96 feet, thence,
S 05° 28' 19" W 833.46 feet, thence,
S 39° 19' 31" W 527.65 feet, thence,
S 78° 42' 46" W 534.70 feet, thence,
S 47° 22' 59" W 508.62 feet, thence,
S 38° 30' 36" W 530.22 feet, thence,
N 88° 55' 50" W 597.02 feet, thence,
S 76° 49' 33" W 590.56 feet, thence,
SOUTH 100.00 feet, thence,
S 11° 06' 49" E 560.72 feet, thence,
S 18° 26' 41" W 695.72 feet, thence,
S 12° 11' 08" W 337.61 feet, thence,
S 17° 41' 00" W 346.36 feet, thence,
S 06° 53' 39" E 332.40 feet, thence,
S 07° 43' 18" W 333.02 feet, thence,
S 11° 13' 37" W 355.43 feet, thence,
S 08° 44' 10" W 356.96 feet, thence,
S 03° 29' 36" W 100.00 feet, thence,
S 13° 41' 22" W 553.20 feet, thence,
S 25° 11' 12" W 729.32 feet, thence,

West along the North 1/16 line of the aforementioned section 20 838.40 feet to the N 1/16 corner common to the aforementioned sections 19 and 20, thence continuing West along the N 1/16 line of said section 20 393.08 feet to a meander corner on the East side of an unnamed lake, thence Northeasterly along the meanders of said unnamed lake to a meander corner on the section line common to the aforementioned sections 18 and 19, said meander corner lies N 06° 15' 25" E 1327.88 feet from the previously mentioned meander corner of the East side of the unnamed lake, thence East along the section line common to the aforementioned sections 18 and 19 33.56 feet to a point on the Westerly Right-of-Way line, of a road thence, along a curve to the left, which is along said Right-of-Way line, a distance of 195.46 feet said curve having a radius of 2850.25 feet and a delta angle of 3° 55' 45", thence continuing along said Westerly Right-of-Way line N 23° 58' 10" W 1964.44 feet, thence continuing along said Right-of-Way along a curve to the left, having a radius of 50.00 feet and a delta angle of 43° 05' 26" 37.60 feet, thence continuing along said Right-of-Way line N 67° 04' 02" W 796.15 feet to the intersection of this line and the section line common to said sections 13 and 18, thence North along said section line common to section 13 and 18 327.25 feet, thence,

N 32° 39' 44" E 696.43 feet, thence,
N 62° 25' 37" E 3525.15 feet, thence,
S 00° 12' 58" E 631.49 feet, thence,
EAST 1320.00 feet

to a point for the N 1/16 corner common to said sections 17 and 18, thence N 00° 12' 05" W along said section line common to sections 18 and 17, 1320.00 feet to the section corner common to said sections 7, 8, 17 and 18, the true point of beginning, said parcel contains 886.95 acres, more or less, not including Parcel A.

OWNERSHIP CERTIFICATE

I, the undersigned, do hereby certify that I am the Director, Alaska Division of Lands, and that the State of Alaska is the owner of A.S.L.S. 76-227 as shown hereon. I hereby approve this survey and plat for the state of Alaska.

DATE 11/23, 1977

[signature]
Director, Alaska Division of Lands

NOTARY'S ACKNOWLEDGEMENT

Subscribed and sworn to before me this 23rd day of November, 1977.

2-10-79
My Commission Expires

[signature]
Notary Public for Alaska.

NANCY J. WELCH NOTARY PUBLIC STATE OF ALASKA

SURVEYOR'S CERTIFICATE

I, hereby certify that I am registered to practice land surveying in Alaska and that this plat represents a survey made by me or under my direct supervision, and the monuments shown thereon actually exist as located, and that all dimensional and other details are correct.

Date March 21, 1977.

[signature] 4637-S
Surveyor Reg. No.

77-3
COPY
RECORDED - FILED
Book
Page

STATE OF ALASKA 49TH
Richard C. Davis
No. 4637-S
REGISTERED PROFESSIONAL LAND SURVEYOR

DATE OF SURVEY	NAME OF SURVEYOR
Begining SEPT. 1976 Ending JULY 1976	F.M. LINDSEY & ASSOC ANCHORAGE, ALASKA

STATE OF ALASKA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF LANDS
ANCHORAGE, ALASKA

SURVEY OF NORTH SLOPE LEASE TRACTS
CREATING
ALASKA STATE LAND SURVEY 76-227
LOCATED WITHIN
PROTRACTED SECTIONS 8, 17, 18, 19 & 20, T. 10 N., R. 15 E., U.M., AK.

DRWN. BY: C.A.R.	APPROVAL RECOMMENDED: Chief - Cadastral Survey
DATE APPROVED: 11/23/77	APPROVED: Director
SCALE: 1" = 1000'	CHECKED: A.R.

SURVEY OF NORTH SLOPE LEASE TRACTS

CREATING

ALASKA STATE LAND SURVEY 76-227

LOCATED WITHIN

PROTRACTED SECTIONS 8, 17, 18, 19 & 20, TOWNSHIP 10 NORTH, RANGE 15 EAST, UMIAT MERIDIAN, ALASKA