

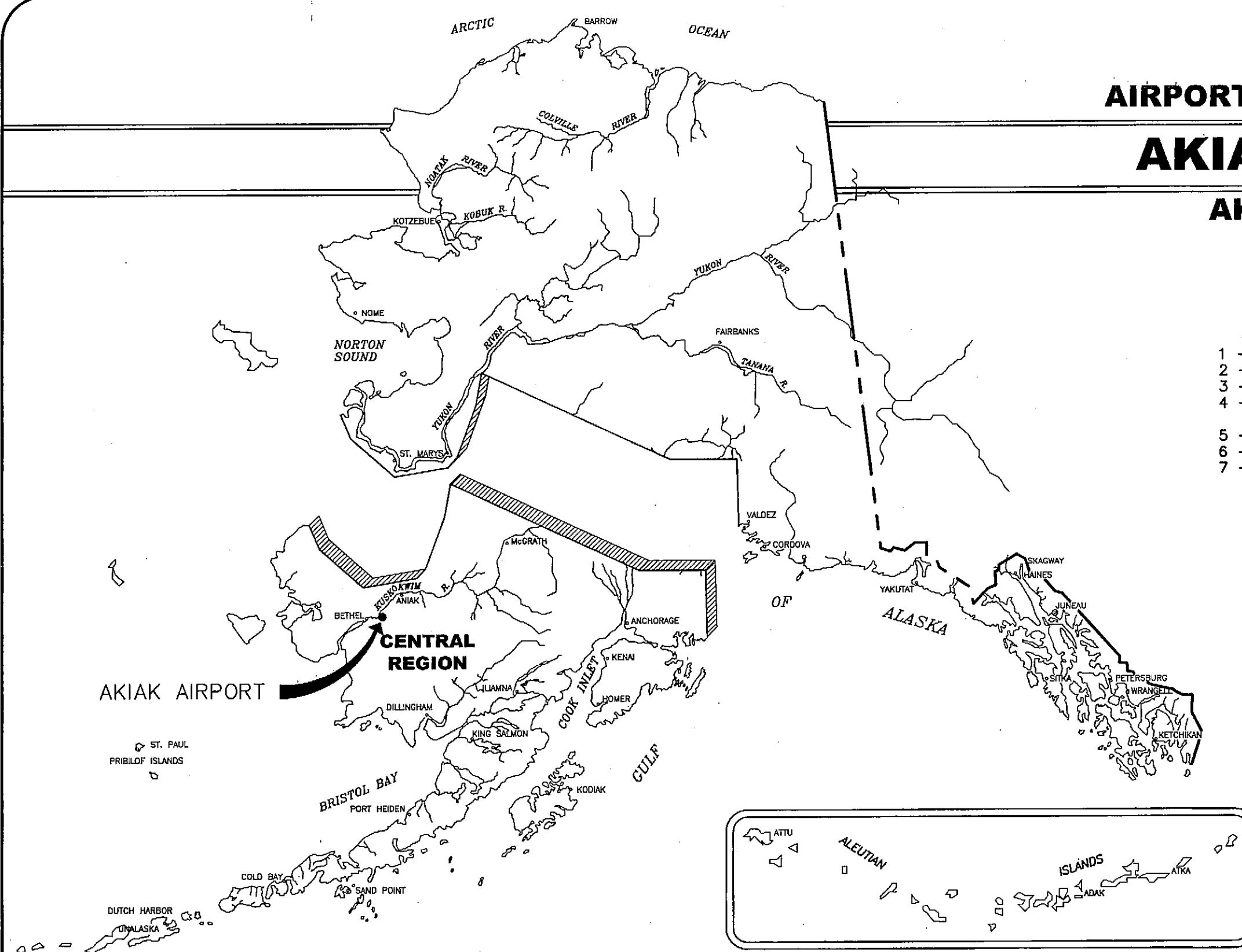
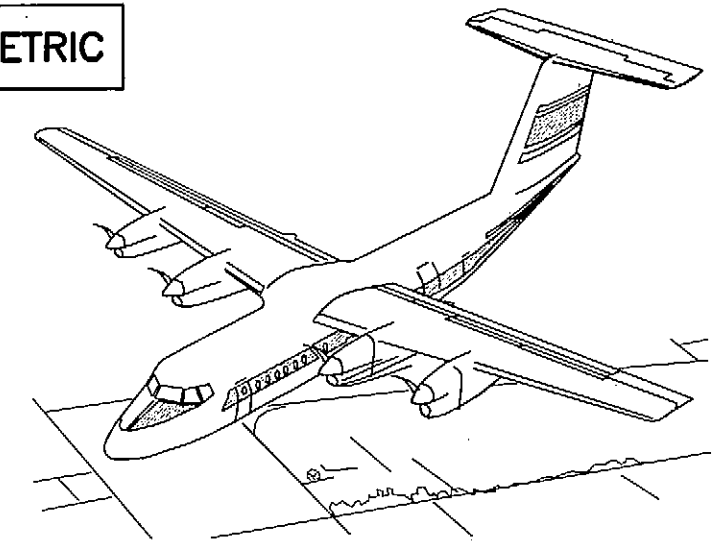
AIRPORT LAYOUT PLAN FOR AKIAK AIRPORT

**AKIAK, ALASKA
2002**

DRAWING INDEX

- 1 - COVER SHEET AND INDEX
- 2 - VICINITY MAP AND DATA TABLES
- 3 - PLAN AND PROFILE
- 4 - RUNWAY APPROACH SURFACES
PLAN AND PROFILE
- 5 - F.A.R. PART 77 SURFACES
- 6 - PROPERTY PLAN
- 7 - NARRATIVE REPORT

METRIC



**SPONSORED BY
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
CENTRAL REGION**

CONCUR *Mon. Mar for* DATE *9/1/02*
GORDON C. KEITH, P.E. DIRECTOR OF CONSTRUCTION AND OPERATIONS

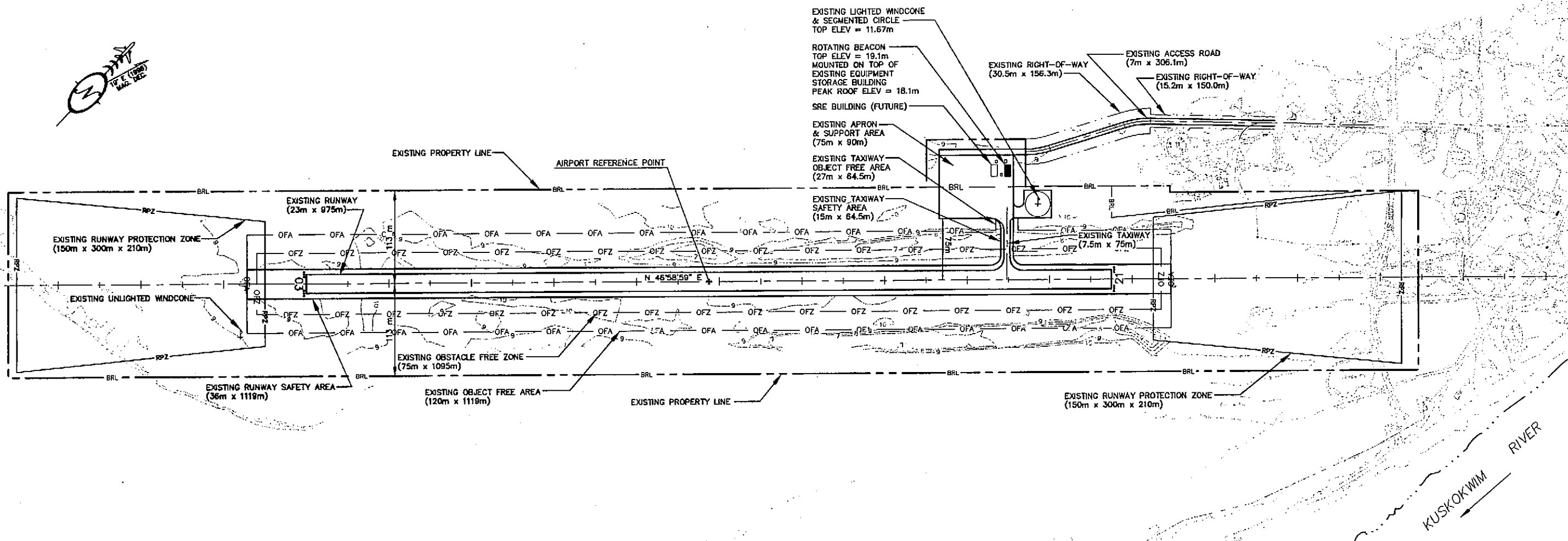
APPROVED *SA Wilson For* DATE *3-27-02*
STEVEN R. HORN, P.E. REGIONAL PRECONSTRUCTION ENGINEER

AIRPORT LAYOUT PLAN CONDITIONAL APPROVAL *1/2/03*
SUBJECT TO ALP APPROVAL LETTER DATED _____

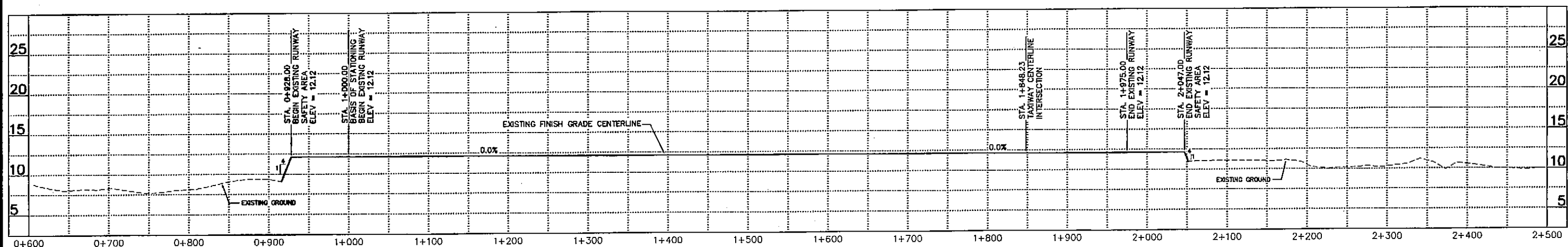
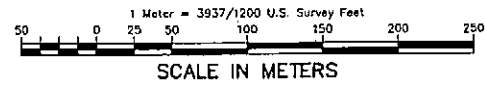
By: *[Signature]* DATE: *1/2/03* FAA AIRSPACE REVIEW NUMBER
00-AAL-

ALASKAN REGION, AAL-

**AKIAK AIRPORT
AKIAK, ALASKA
AIRPORT LAYOUT PLAN
SHEET 1 OF 7**



RUNWAY PLAN
SCALE - 1:2500



RUNWAY PROFILE
HORZ. SCALE - 1:2500
VERT. SCALE - 1:250

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AIRPORT LAYOUT PLAN CONDITIONAL APPROVAL
SUBJECT TO ALP APPROVAL LETTER DATED 4/17/03
By: [Signature] DATE: 4/17/03
FAA AIRPORTS DIVISION
ALASKAN REGION, AAL-
FAA AIRSPACE REVIEW NUMBER: 00-AAL-600-

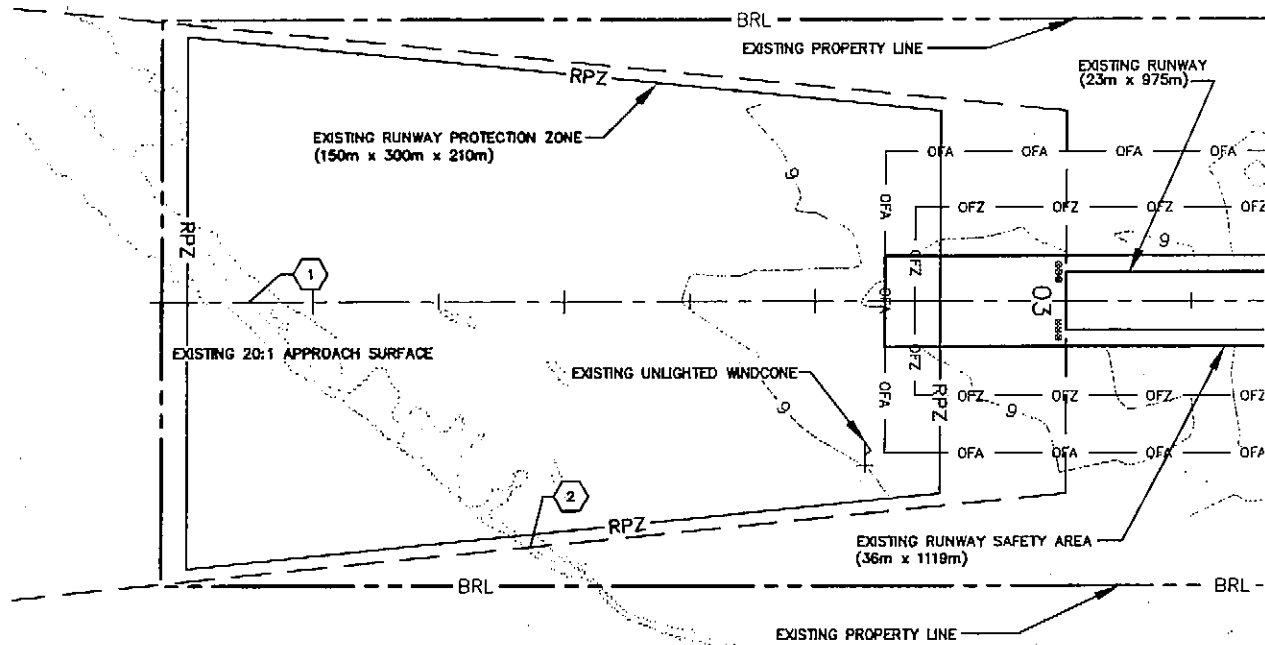
BY	DATE	REVISIONS

STATE OF ALASKA
**DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES**
CENTRAL REGION
APPROVED: [Signature] DESIGN SECTION CHIEF
STEPHEN W. RYAN, P.E.
APPROVED: [Signature] PROJECT MANAGER
JOHN G. WAHL, P.E.

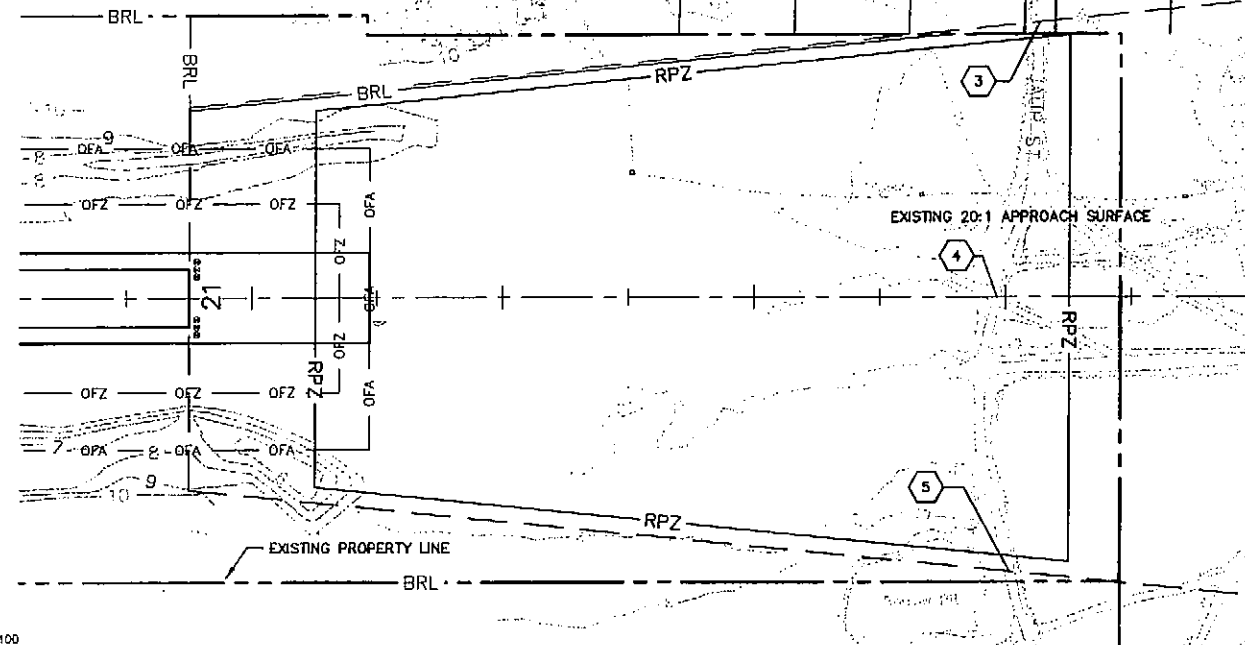
DATE 4/10/02
DESIGN [Signature]
DRAWN [Signature]
CHECKED [Signature]

AKIAK AIRPORT
AKIAK, ALASKA
AIRPORT LAYOUT PLAN
PLAN & PROFILE

SHEET
3
OF
7



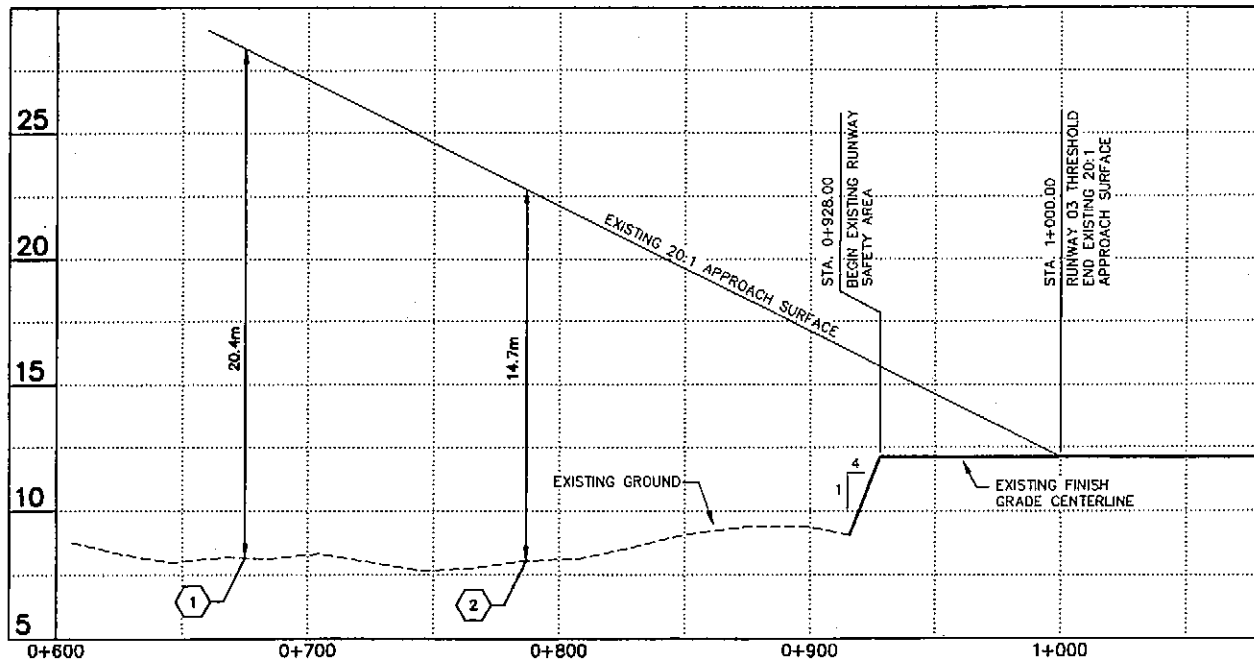
RUNWAY 03 INNER APPROACH SURFACE PLAN
SCALE - 1:1500



RUNWAY 21 INNER APPROACH SURFACE PLAN
SCALE - 1:1500

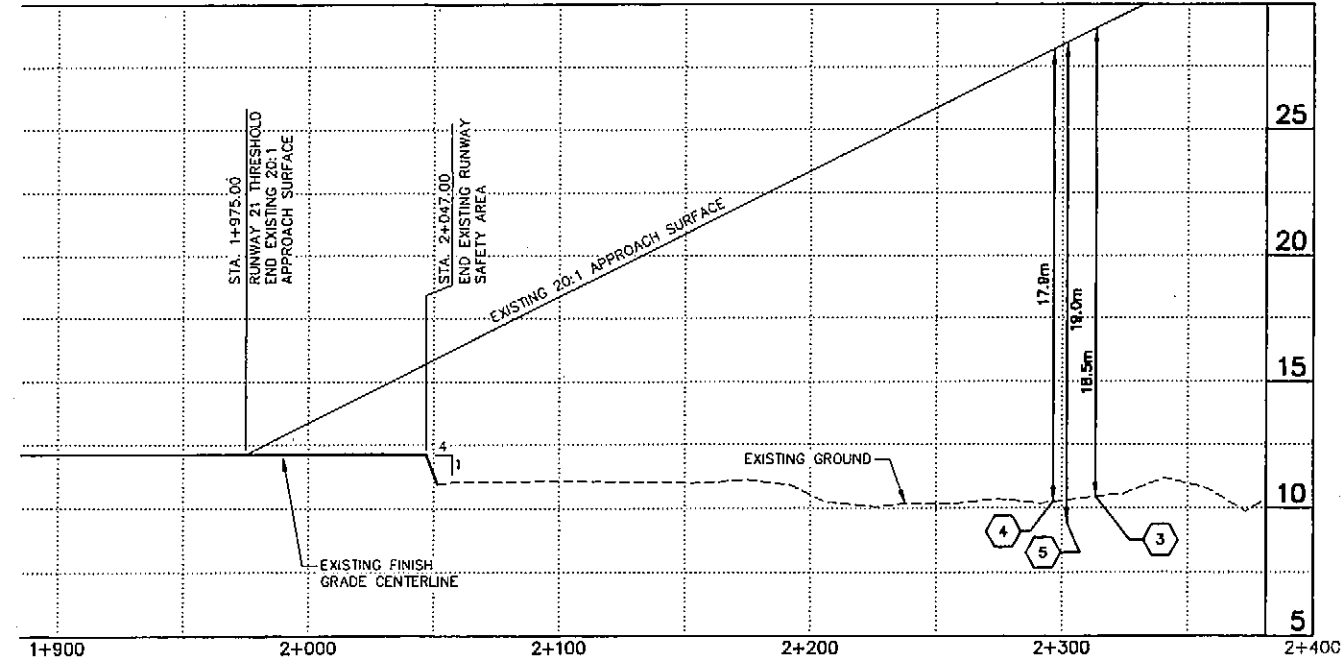
INNER APPROACH SURFACE OBSTRUCTION TABLE						
NO.	DESCRIPTION	OBJECT ELEVATION	APPROACH SURFACE ELEVATION	VERTICAL CLEARANCE	PENETRATION	DISPOSITION
1	TRAIL	8.2 m	28.3 m	20.1 m	0.0 m	N/A
2	TRAIL	8.1 m	22.8 m	14.7 m	0.0 m	N/A
3	ROAD	11.0 m	29.5 m	18.5 m	0.0 m	N/A
4	ROAD	10.1 m	28.0 m	17.9 m	0.0 m	N/A
5	ROAD	8.0 m	27.0 m	19.0 m	0.0 m	N/A

NO OFZ OBJECT PENETRATIONS
NO THRESHOLD SITING SURFACE PENETRATIONS



RUNWAY 03 INNER APPROACH SURFACE PROFILE

HORZ. SCALE - 1:1500
VERT. SCALE - 1:150



RUNWAY 21 INNER APPROACH SURFACE PROFILE

HORZ. SCALE - 1:1500
VERT. SCALE - 1:150

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AIRPORT LAYOUT PLAN CONDITIONAL APPROVAL
SUBJECT TO AIP APPROVAL LETTER DATED 1/12/03
By: [Signature] DATE: 4/21/03
FAA AIRSPACE REVIEW NUMBER: 00-AAL-600

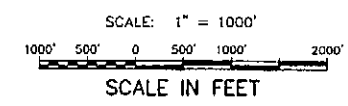
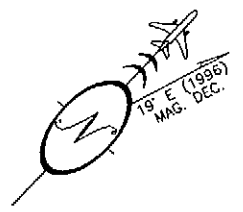
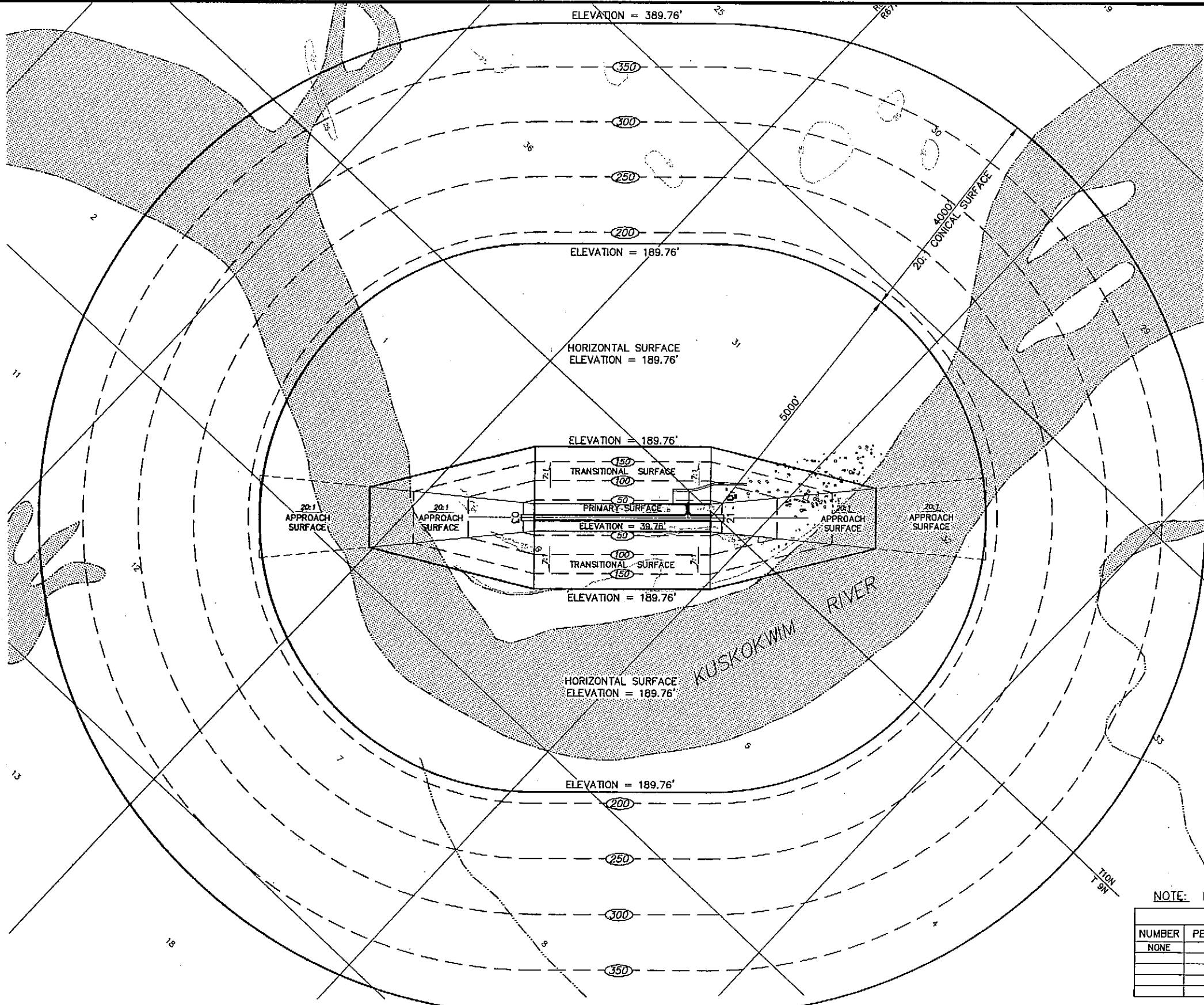
BY	DATE	REVISIONS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
CENTRAL REGION
APPROVED: [Signature] DESIGN SECTION CHIEF
STEPHEN M. RYAN, P.E.
APPROVED: [Signature] PROJECT MANAGER
JOHN G. WAHL, P.E.

DATE: 4/21/02
DESIGN: [Signature]
DRAWN: [Signature]
CHECKED: [Signature]

AKIAK AIRPORT
AKIAK, ALASKA
AIRPORT LAYOUT PLAN
RUNWAY 03/21 APPROACH SURFACES
PLAN AND PROFILE

SHEET
4
OF
7



LEGEND

- WATER SURFACE
- EDGE OF WATER

NOTES

1. AIRPORT AND RUNWAY ELEVATIONS ARE 39.76'.
2. ALL DIMENSIONS AND ELEVATIONS ARE IN FEET.

NOTE: ENGLISH DIMENSIONS ARE IN ACCORDANCE WITH FAA AC 150/5300-13.

OBSTRUCTION DATA TABLE		
NUMBER	PENETRATION DISTANCE	DESCRIPTION
NONE		

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AIRPORT LAYOUT PLAN CONDITIONAL APPROVAL
 SUBJECT TO ALP APPROVAL LETTER DATED 11/21/03
 BY: [Signature] DATE: 1/21/03
 FAA AIRPORTS DIVISION
 ALASKAN REGION, AAL-900
 F.A.A. AIRSPACE REVIEW NUMBER: 00-AAL-

BY	DATE	REVISIONS

STATE OF ALASKA
**DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES**
 CENTRAL REGION
 APPROVED: [Signature]
 STEPHEN M. RYAN, P.E. DESIGN SECTION CHIEF
 APPROVED: [Signature]
 JOHN C. WAHL, P.E. PROJECT MANAGER

DATE: 4/10/02
 DESIGN: [Signature]
 DRAWN: [Signature]
 CHECKED: [Signature]

AKIAK AIRPORT
 AIRPORT LAYOUT PLAN
 F.A.R. PART 77 SURFACES

SHEET
 5
 OF
 7

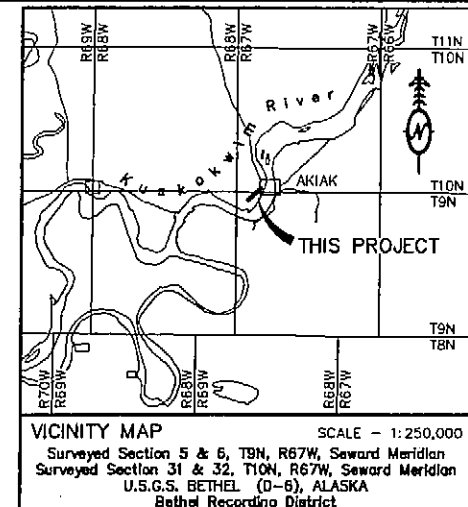
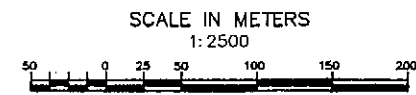
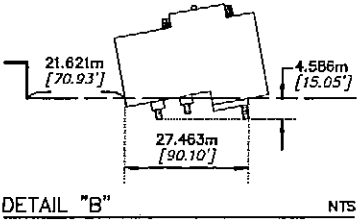
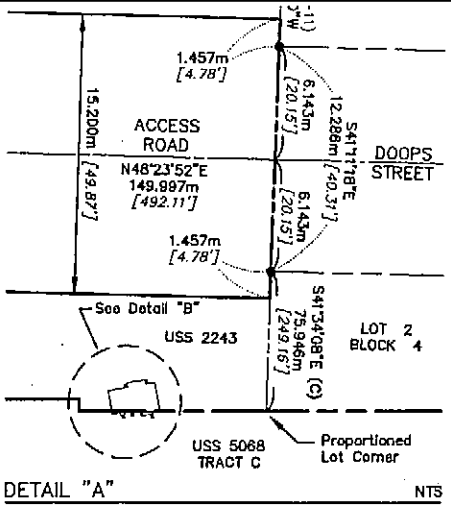
SURVEY NOTES

- The minimum closure of all traverses meets or exceeds 1:10,000.
- The basis of bearings for this survey is the mean NAD 83 geodetic bearing between runway centerline monuments at Station 1+000 and Station 1+975, according to GPS survey control, July 1998 originating from NGS B order GPS station "CASH" located near Bethel; said mean bearing is N46°38'59"E.
- The bearings shown are local plane bearings as oriented to the basis of bearings, and distances shown are reduced to horizontal ground distances.
- The origin of coordinates is the centerline monument at Station 1+000, a 5/8" x 30" rebar with 2" aluminum cap stamped as shown hereon, having the following coordinates:
 ASPC 83 ZONE 7: NAD 83:
 N 768,588.8603 LAT 60°53'59.68294" N
 E 541,400.8318 LONG 161°14'13.74542" W
 H 9.077
 The project grid factor used hereon is 0.9999229 and the mapping angle is 00°40'21".
- The meter to foot conversion factor is 39.37/1200.
- Information hereon is based on an actual field survey conducted during May 1997.
- Bearings shown for the remainder of Tract D, USS 5068 are record bearings rotated counterclockwise 0°01'01" to agree with bearings used for this survey. These bearings are shown as being computed (C). Record distances were held throughout Tract D remainder unless noted otherwise.

LEGEND

- Proposed Runway Centerline
- Proposed Access Road Centerline
- Proposed Airport Boundary
- Property Line
- Protracted Section Line
- Proposed Edge of Gravel
- Proposed Runway Protection Zone
- Found Brass Cap Monument
- Set 2" Aluminum Cap on 5/8" x 30" Rebar
- Found 1-1/2" Aluminum Cap on 5/8" x 30" Rebar
- WCMC - searched for, not found
- (C) Computed
- (R) Record per USS 5068
- [] Distance in U.S. Survey Feet

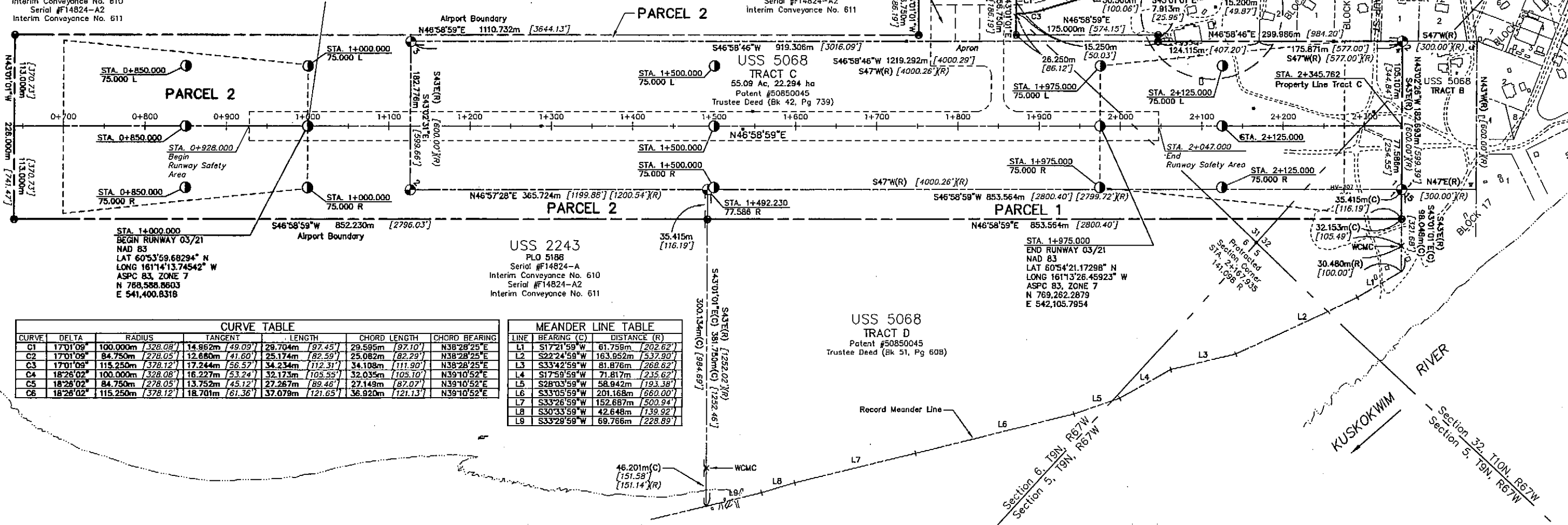
- All monuments shown hereon were found or set in May 1997.
- Distances are horizontal ground meter units with U.S. Survey Feet in italicized brackets [].



PROPERTY STATUS							
PARCEL NUMBER	LARGER PARCEL	TAKE	REMAINDER	GRANTOR	DOT&PF INTEREST	DATE ACQUIRED	ACQUIRED UNDER A.I.P. NUMBER
Tract B	N/A	N/A	N/A	N/A	Divested	N/A	N/A
Tract C	N/A	N/A	N/A	Townsite Trustee	Trustee Deed, Bk 42 Pg 739 Surface & Subsurface Estate	01/08/86	N/A
Parcel 1	22.325 ha 55.17 Ac.	3.023 ha 7.47 Ac.	19.302 ha 47.70 Ac.	City of Akiak	Fee, Surface Estate Bk 78 Pg 751	2/20/98	3-02-0004-0
Parcel 2	479.494 ha 1184.85 Ac.	13.688 ha 33.85 Ac.	465.796 ha 1151.00 Ac.	Kokarmuit Corporation Galista Corporation	Fee (Surface) Bk 79 Pg 73 Fee (Limited Subsurface) Bk 79 Pg 80	3/18/98 3/20/88	3-02-0004-0

USS 2243
 PLO 5188
 Serial #F14824-A
 Interim Conveyance No. 610
 Serial #F14824-A2
 Interim Conveyance No. 611

USS 2243
 PLO 5188
 Serial #F14824-A
 Interim Conveyance No. 610
 Serial #F14824-A2
 Interim Conveyance No. 611



CURVE TABLE						
CURVE	DELTA	RADIUS	TANGENT	CHORD LENGTH	CHORD BEARING	CHORD BEARING
C1	17°01'08"	100.00m [328.08']	14.962m [49.09']	29.704m [97.45']	29.595m [97.10']	N38°28'25"E
C2	17°01'08"	84.750m [278.05']	12.680m [41.60']	25.174m [82.59']	25.082m [82.29']	N38°28'25"E
C3	17°01'08"	115.250m [378.12']	17.244m [56.57']	34.234m [112.31']	34.108m [111.90']	N38°28'25"E
C4	18°28'02"	100.00m [328.08']	16.227m [53.24']	32.173m [105.55']	32.035m [105.10']	N39°10'52"E
C5	18°28'02"	84.750m [278.05']	13.752m [45.12']	27.267m [89.46']	27.149m [87.07']	N39°10'52"E
C6	18°28'02"	115.250m [378.12']	18.701m [61.36']	37.079m [121.65']	36.920m [121.13']	N39°10'52"E

MEANDER LINE TABLE		
LINE	BEARING (C)	DISTANCE (R)
L1	S17°21'59"W	61.759m [202.62']
L2	S22°24'58"W	163.852m [537.90']
L3	S33°42'56"W	81.876m [268.62']
L4	S17°59'59"W	71.817m [235.62']
L5	S28°03'56"W	58.942m [193.38']
L6	S33°05'56"W	201.168m [660.00']
L7	S33°28'56"W	152.687m [500.94']
L8	S30°33'59"W	42.648m [139.92']
L9	S33°28'59"W	69.766m [228.89']

AIRPORT LAYOUT PLAN CONDITIONAL APPROVAL
 SUBJECT TO ALP APPROVAL LETTER DATED 1/2/02
 BY: [Signature] DATE: 1/2/02
 FAA AIRPORTS DIVISION
 ALASKAN REGION, AAL-
 FAA AIRSPACE REVIEW NUMBER: 00-AAL-600

PLH	DATE	REVISIONS
3/04/02		REMOVE PROPOSED RUNWAY TEXT
11/1/01		UPDATE PROPERTY STATUS
BY	DATE	REVISIONS

STATE OF ALASKA
**DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES**
 CENTRAL REGION
 APPROVED: [Signature] DESIGN SECTION CHIEF
 APPROVED: [Signature] PROJECT MANAGER

DATE: 4/1/02
 DESIGN: [Signature]
 DRAWN: [Signature]
 CHECKED: [Signature]

AKIAK AIRPORT
 AKIAK, ALASKA
 AIRPORT LAYOUT PLAN
 PROPERTY PLAN
 PROPERTY PLAN SHEET 1 OF 1

SHEET
 6
 OF
 7