

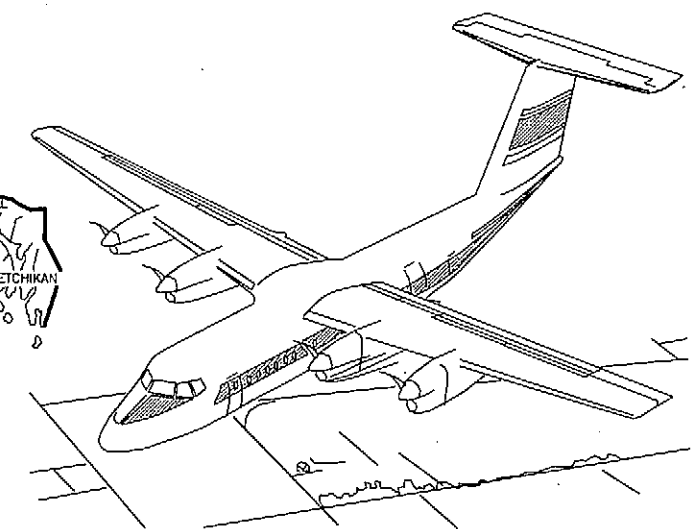
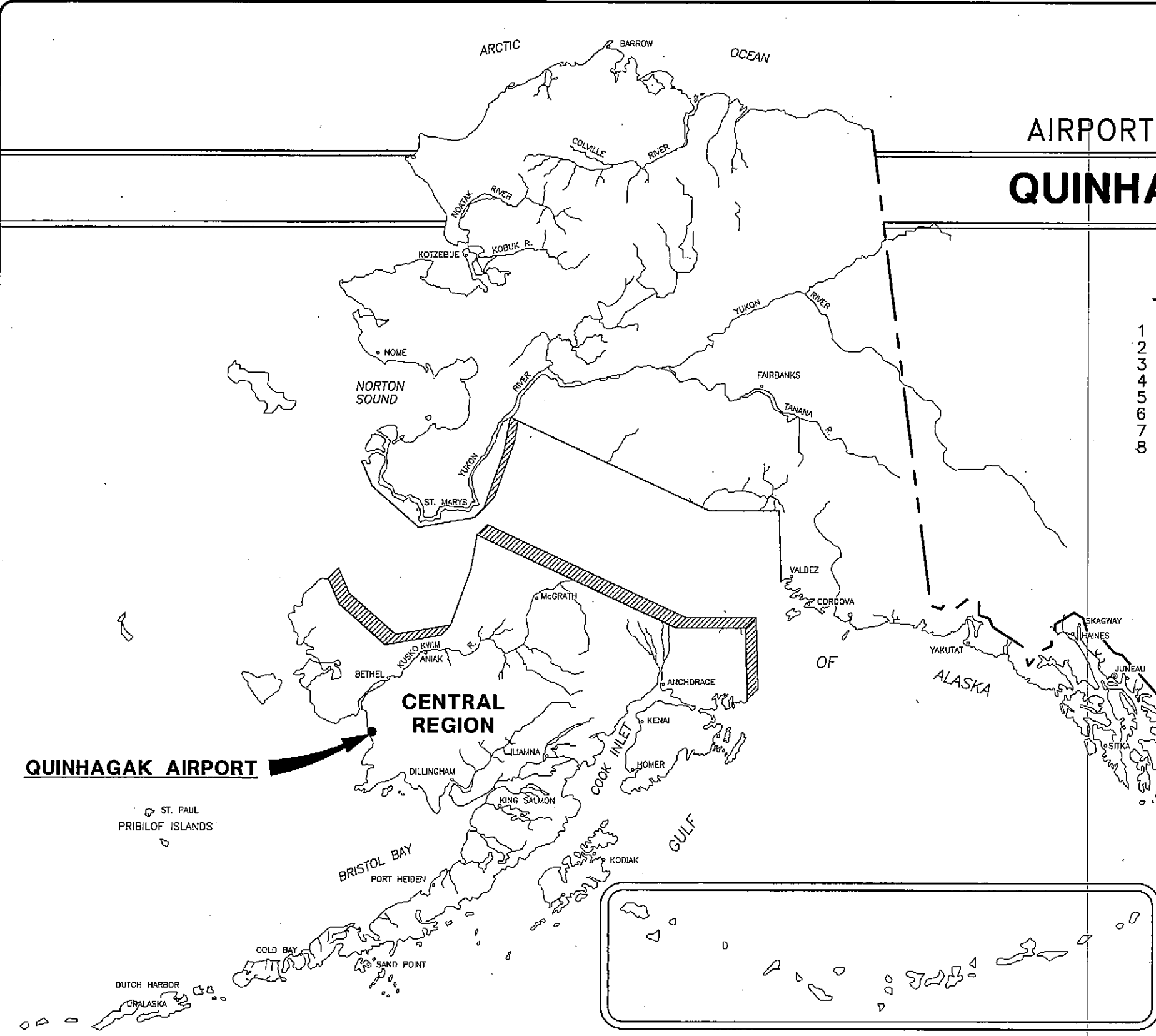
AIRPORT LAYOUT PLAN FOR QUINHAGAK AIRPORT

1997

DRAWING INDEX

- 1 - COVER SHEET AND INDEX
- 2 - VICINITY MAP AND DATA TABLES
- 3 - PLAN VIEW AND PROFILE
- 4 - RUNWAY 12/30 RPZ PLAN AND PROFILE
- 5 - F.A.R. PART 77 SURFACES
- 6 - PROPERTY PLAN
- 7 - PROPERTY PLAN
- 8 - NARRATIVE REPORT

METRIC



FAA AIRSPACE REVIEW NUMBER: 07AAL-034-NRA

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

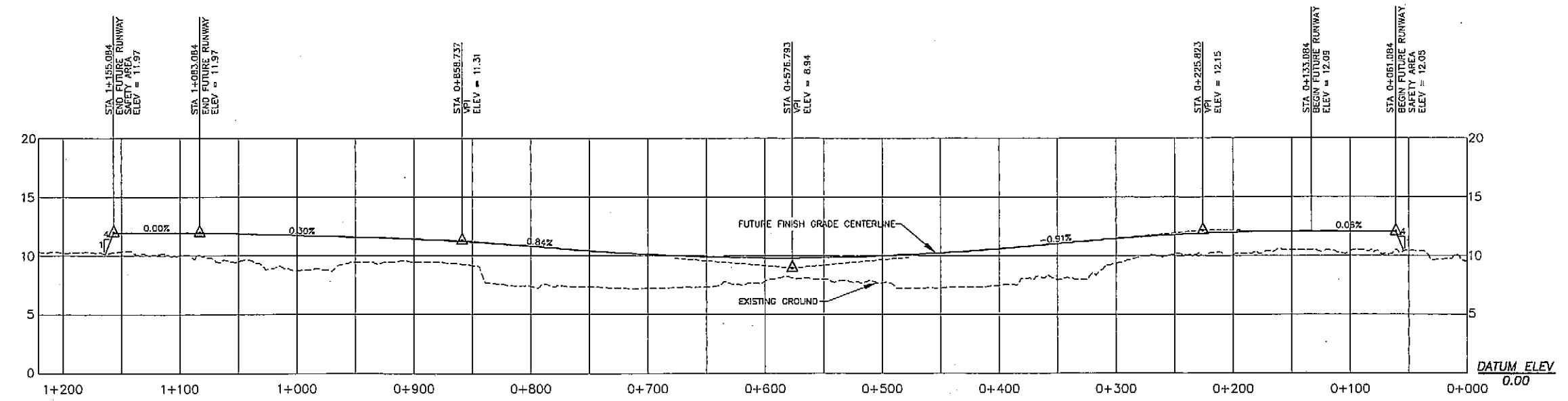
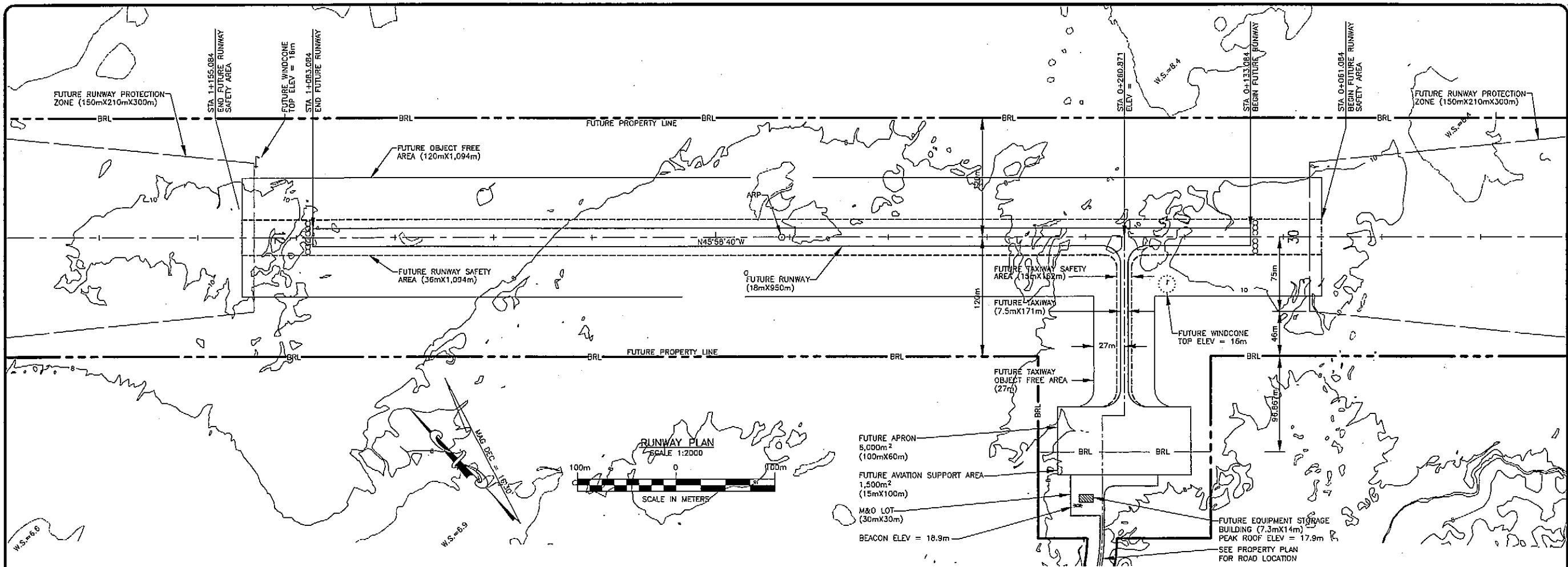
APPROVED *Steve Van Horn* DATE 4-22-97
STEVE VAN HORN, P.E. DESIGN SECTION CHIEF

APPROVED *Miriam M. Tanaka* DATE 4-22-97
MIRIAM M. TANAKA, P.E. PROJECT MANAGER

BY: *Steve Van Horn*
FAA, AIRPORTS DIVISION
ALASKAN REGION, AAL-800
AIRPORT LAYOUT PLAN CONDITIONALLY APPROVED
DATE: 3/1/97

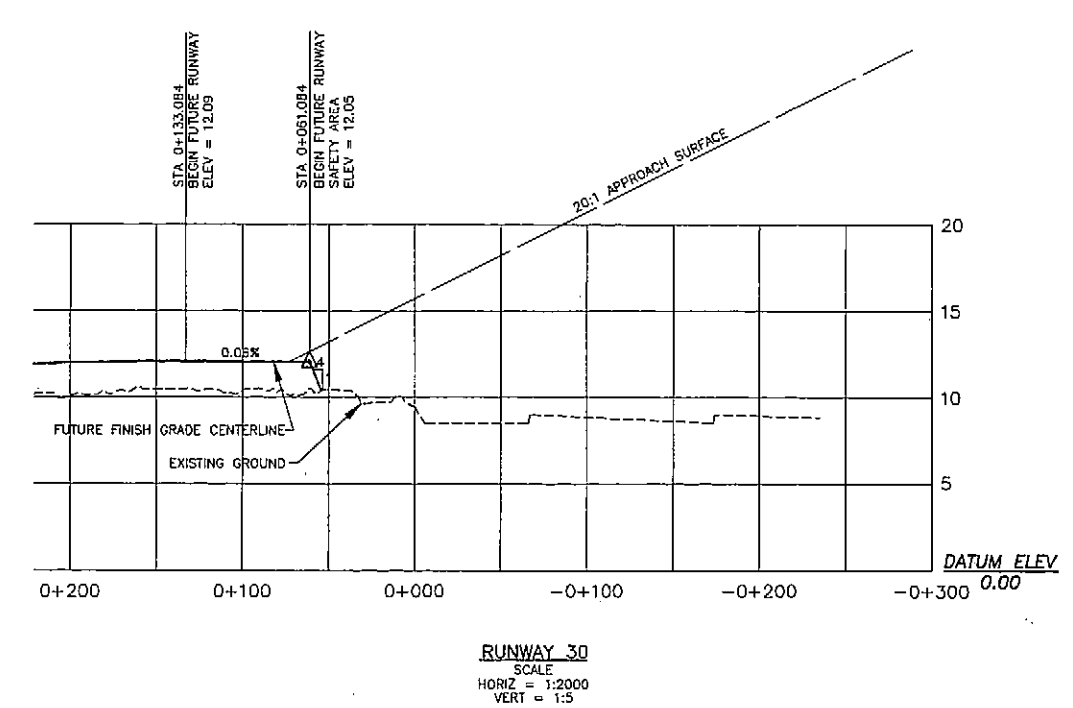
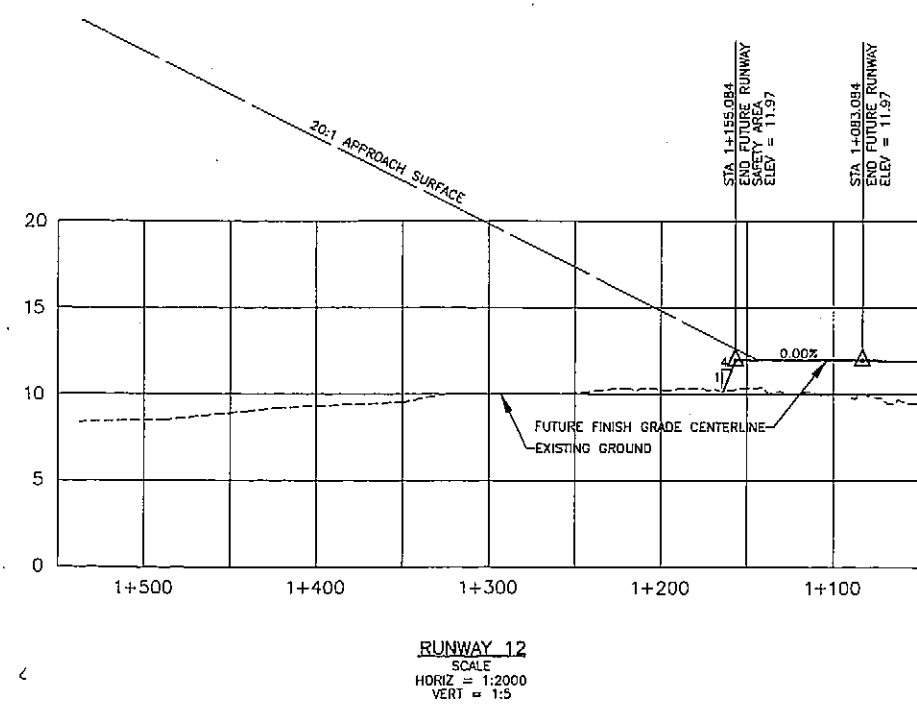
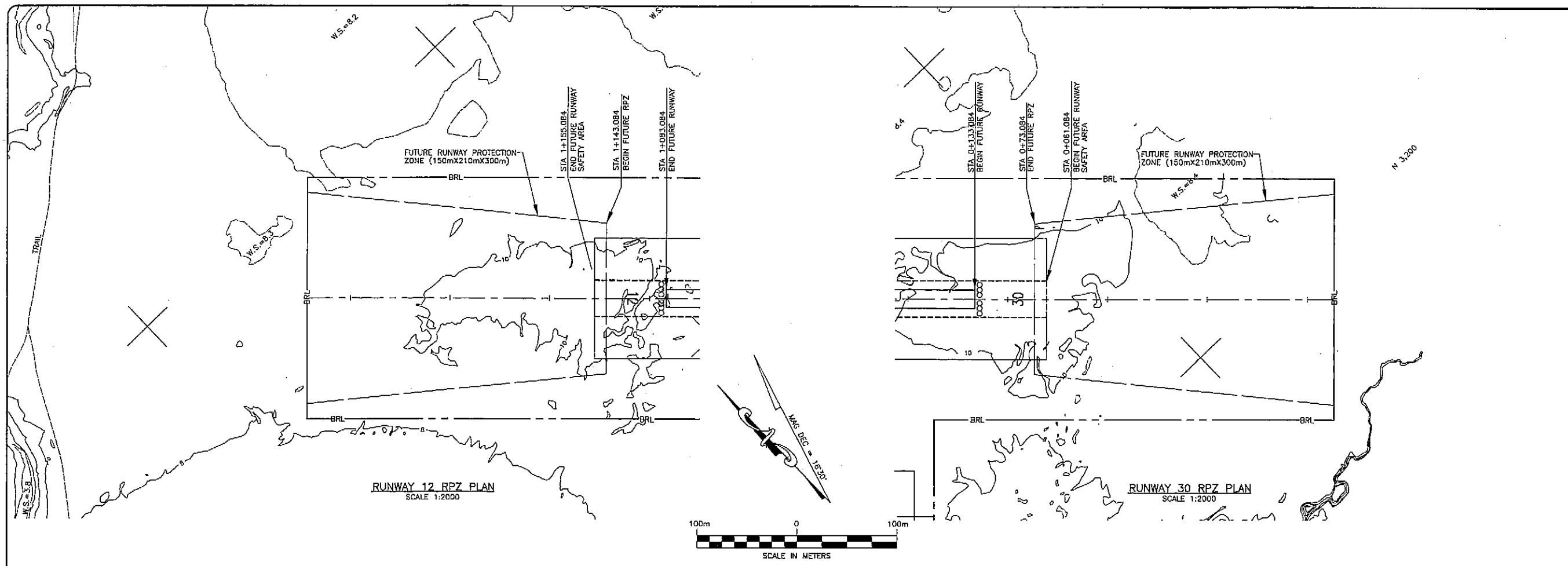
**QUINHAGAK AIRPORT
AIRPORT LAYOUT PLAN**

SHEET 1 OF 8

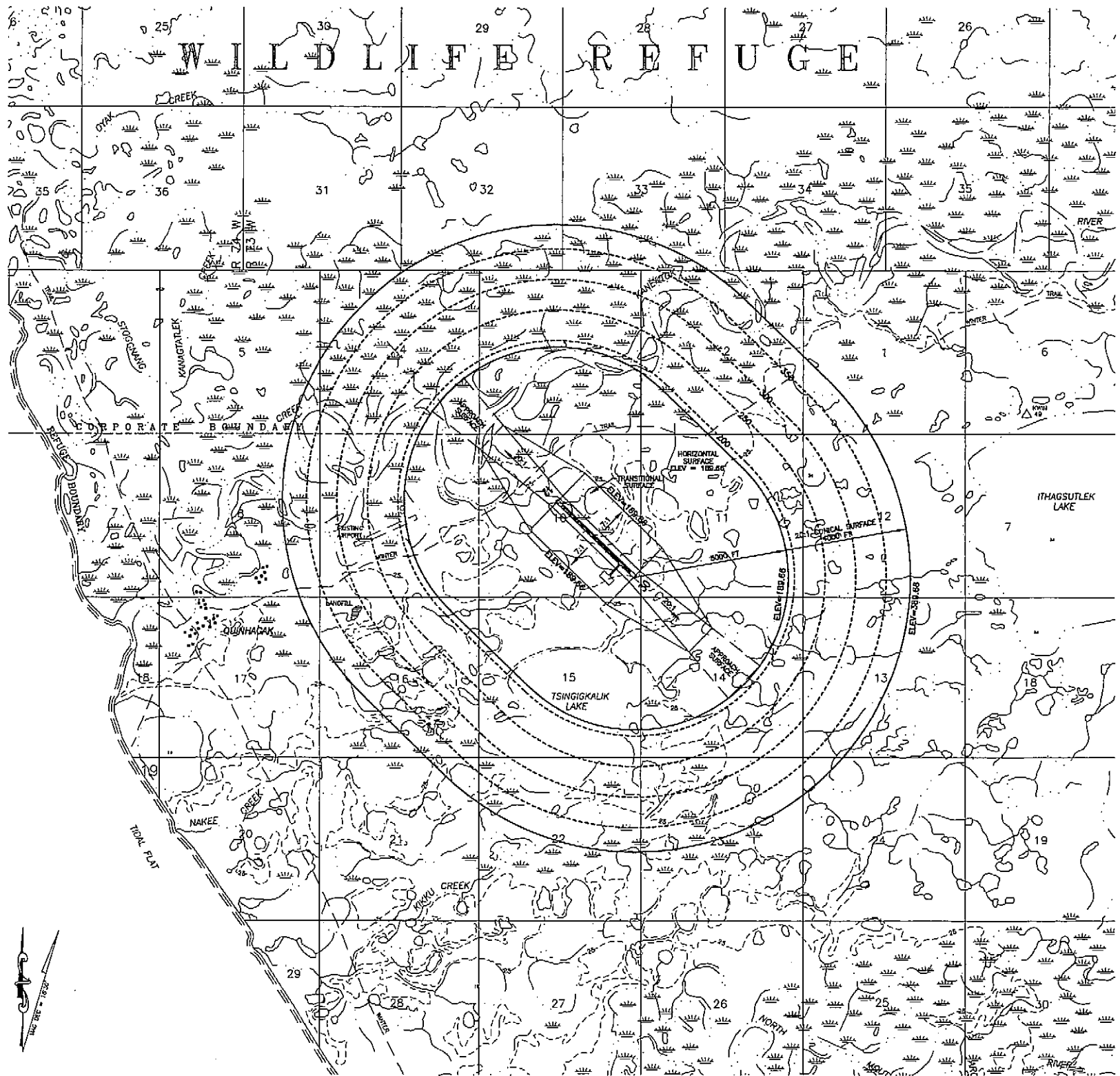


RUNWAY 12/30
 SCALE
 HORIZ = 1:2000
 VERT = 1:5

FILE: P:\97072.063\QUIN-03.DWG DATE: 04/16/97 1=1 V=5 COS	AIRPORT LAYOUT PLAN CONDITIONALLY APPROVED BY: FAA AIRSPACE REVIEW NUMBER: 97AAL-034-NRA FAA, AIRPORTS DIVISION ALASKAN REGION, AAL-600 DATE: 4/1/97	<table border="1"> <thead> <tr> <th>BY</th> <th>DATE</th> <th>REVISIONS</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	BY	DATE	REVISIONS				STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES CENTRAL REGION-DESIGN AND CONSTRUCTION-AVIATION APPROVED: <i>Steve Van Horn</i> STEVE VAN HORN, P.E. DESIGN SECTION CHIEF APPROVED: <i>Miriam N. Yankou</i> MIRIAM N. YANKOU, P.E. PROJECT MANAGER	DATE: 4-12-97 DESIGN: Tg DRAWN: SM CHECKED: DH	QUINHAGAK AIRPORT AIRPORT LAYOUT PLAN PLAN AND PROFILE	SHEET 3 OF 8
	BY	DATE	REVISIONS									



FILE: P:\07072.083\QUIN-04.DWG DATE: 04/16/97 1-1 V=5 CDS	AIRPORT LAYOUT PLAN APPROVED By: <i>[Signature]</i> FAA AIRSPACE REVIEW NUMBER: 07AAL-034-NRA FAA, AIRPORTS DIVISION ALASKAN REGION, AAL-600 DATE: 8/1/97	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>BY</th> <th>DATE</th> <th>REVISIONS</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	BY	DATE	REVISIONS							STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES CENTRAL REGION-DESIGN AND CONSTRUCTION-AVIATION APPROVED: <i>[Signature]</i> DESIGN SECTION CHIEF STEVE VAN HORN, P.E. APPROVED: <i>[Signature]</i> PROJECT MANAGER MIRIAM H. TANAKA, P.E.	DATE: 4-22-97 DESIGN: <i>[Signature]</i> DRAWN: <i>[Signature]</i> CHECKED: <i>[Signature]</i>	QUINHAGAK AIRPORT AIRPORT LAYOUT PLAN RUNWAY 12/30 RPZ PLAN AND PROFILE	SHEET 4 OF 8
BY	DATE	REVISIONS													



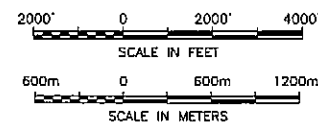
LEGEND

X FEET SPOT ELEVATIONS

NOTES

1. AIRPORT AND RUNWAY ELEVATIONS ARE 39.66'
2. THIS DRAWING IS BASED ON USGS QUAD GOODNEWS BAY (D-6 & C-8), ALASKA.

NOTE:
DIMENSIONS AND ELEVATIONS ARE IN FEET.



FAA AIRSPACE REVIEW NUMBER: 97AAL-034-NRA

OBSTRUCTION DATA TABLE		
NUMBER	PENETRATION DISTANCE (FEET)	DESCRIPTION
NONE	NONE	NONE

<p>FILE: P:\07072.003\QUIN-05.DWG DATE: 04/16/97 1=1 V=0667 COS</p>	<p>AIRPORT LAYOUT PLAN CONDITIONALLY APPROVED</p> <p>By: <i>Steve Van Horn</i> FAA, AIRPORTS DIVISION ALASKAN REGION, AAL-600</p> <p>DATE: 4/1/97</p>	<p>STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES CENTRAL REGION-DESIGN AND CONSTRUCTION-AVIATION</p> <p>APPROVED: <i>Richard B. Smith</i> STEVE VAN HORN, P.E. DESIGN SECTION CHIEF</p> <p>APPROVED: <i>William M. Tanaka</i> WILLIAM M. TANAKA, P.E. PROJECT MANAGER</p>	<p>DATE 4-22-97 DESIGN TG DRAWN SW CHECKED PH</p>	<p>QUINHAGAK AIRPORT</p> <p>AIRPORT LAYOUT PLAN</p> <p>F.A.R. PART 77 SURFACES</p>	<p>SHEET 5 OF 8</p>									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>BY</th> <th>DATE</th> <th>REVISIONS</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		BY	DATE	REVISIONS										
BY	DATE	REVISIONS												

NOTES

1. BEARINGS SHOWN ARE LOCAL PLANE BEARINGS ORIENTED TO THE BASIS OF BEARINGS AND DISTANCES SHOWN ARE REDUCED TO HORIZONTAL GROUND DISTANCES.
2. BOUNDARIES OTHER THAN THOSE BETWEEN RECOVERED CORNERS, AS INDICATED HEREON, ARE BASED UPON RECORD INFORMATION.
3. DISTANCES SHOWN ARE GROUND DISTANCES IN METERS, FOLLOWED BY THE DISTANCE IN FEET SHOWN IN BRACKETS [], METER TO FOOT CONVERSION FACTOR IS 3937/1200.
4. BEARINGS AND DISTANCES SHOWN ARE MEASURED, UNLESS NOTED OTHERWISE.
5. THE BASIS OF BEARING FOR THIS SURVEY IS THE LINE BETWEEN USLM 876, A FOUND BUREAU OF LAND MGMT. MONUMENT, AND THE FOUND STATE OF ALASKA REFERENCE MARK MONUMENT LOCATED 500' RIGHT OF THE CENTERLINE OF EXISTING RUNWAY STA. 29+68.51. THE NAD 83 TRUE MEAN BEARING OF THIS LINE IS N 61°24'50" E, COMPUTED FROM THE STATE OF ALASKA, DEPT. OF PUBLIC WORKS, DIVISION OF AVIATION, SURVEY CONTROL SHEET FOR QUINHAGAK AIRPORT, DATED 04-15-74.
6. GEODETIC COORDINATES ARE COMPUTED FROM USLM 876:
LATITUDE: 59°45'05.741" N
LONGITUDE: 161°54'19.141" W (NAD 83)
7. PARCELS 2, 3, AND 4 ARE FOR RIGHT OF WAY USES.
8. THE MINIMUM CLOSURE OF ALL TRAVERSES MEETS OR EXCEEDS 1:10,000.

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.

Date _____ Registration Number _____

Lyle G. Riggins, Registered Land Surveyor

LEGEND

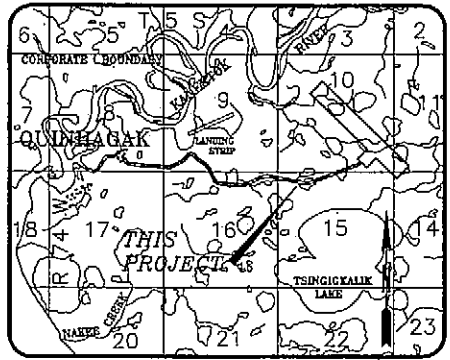
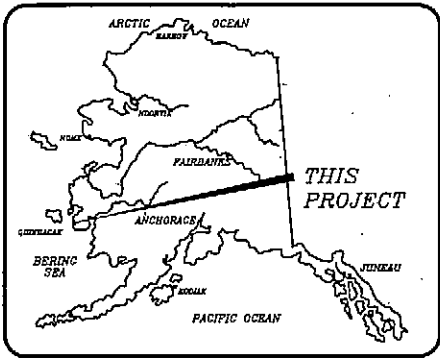
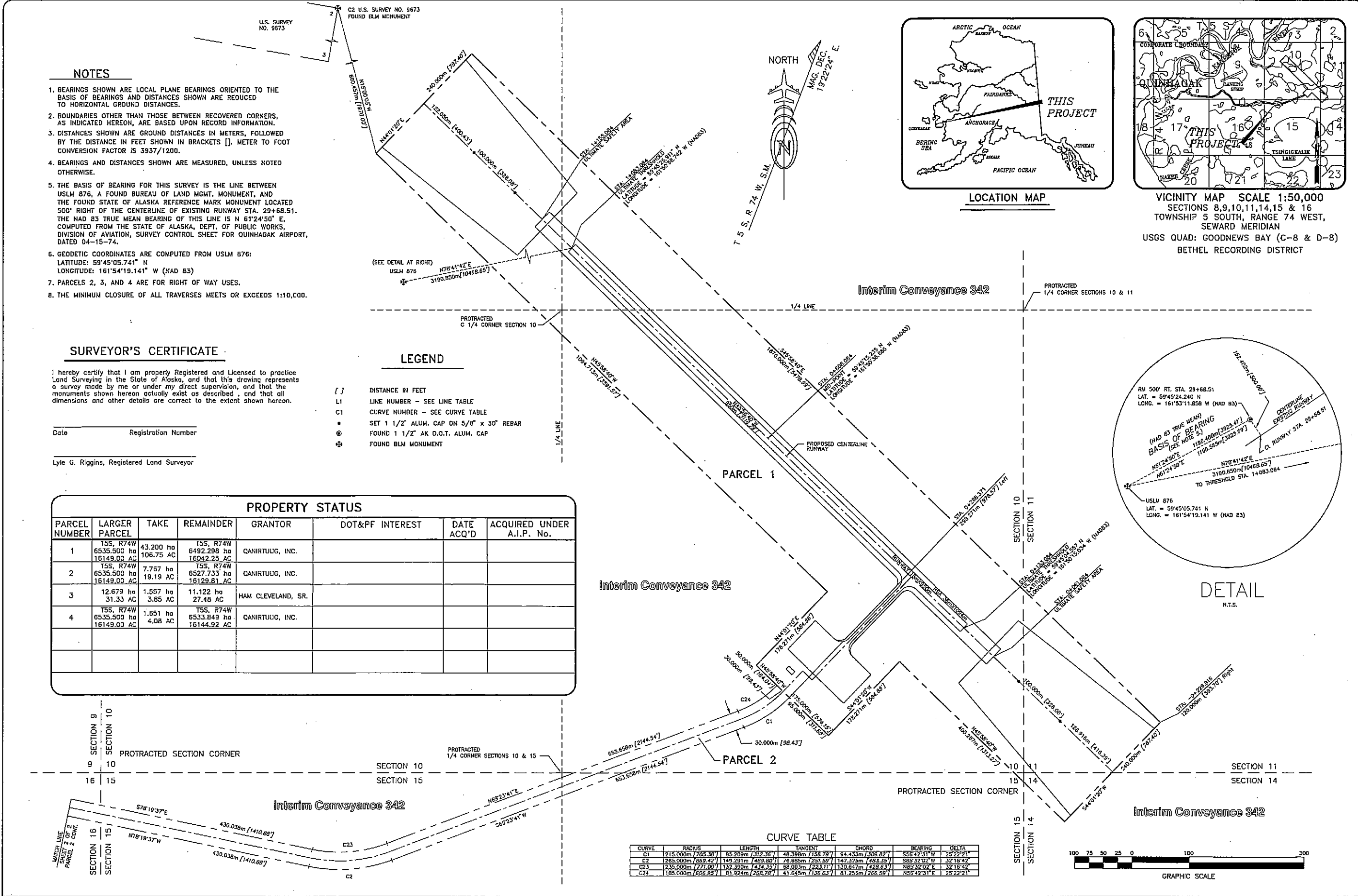
- [] DISTANCE IN FEET
- L1 LINE NUMBER - SEE LINE TABLE
- C1 CURVE NUMBER - SEE CURVE TABLE
- SET 1 1/2" ALUM. CAP ON 5/8" x 30" REBAR
- ⊙ FOUND 1 1/2" AK D.O.T. ALUM. CAP
- ⊛ FOUND BLM MONUMENT

PROPERTY STATUS

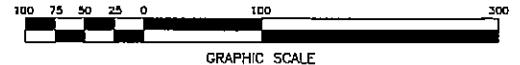
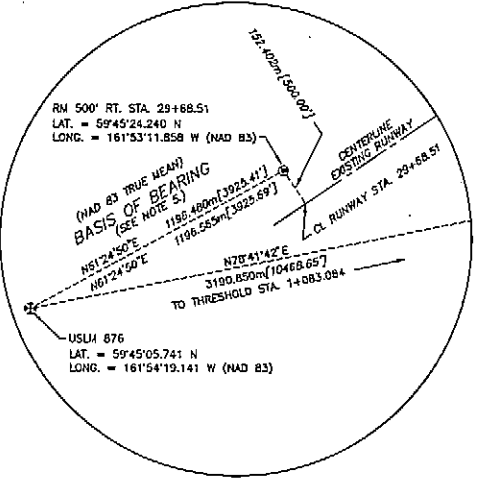
PARCEL NUMBER	LARGER PARCEL	TAKE	REMAINDER	GRANTOR	DOT&PF INTEREST	DATE ACQ'D	ACQUIRED UNDER A.I.P. No.
1	T5S, R74W 6535.500 ha 16149.00 AC	43.200 ha 106.75 AC	T5S, R74W 6492.298 ha 16042.25 AC	QANIRTUUG, INC.			
2	T5S, R74W 6535.500 ha 16149.00 AC	7.767 ha 19.19 AC	T5S, R74W 6527.733 ha 16129.81 AC	QANIRTUUG, INC.			
3	12.679 ha 31.33 AC	1.557 ha 3.85 AC	11.122 ha 27.48 AC	HAM CLEVELAND, SR.			
4	T5S, R74W 6535.500 ha 16149.00 AC	1.651 ha 4.08 AC	T5S, R74W 6533.849 ha 16144.92 AC	QANIRTUUG, INC.			

CURVE TABLE

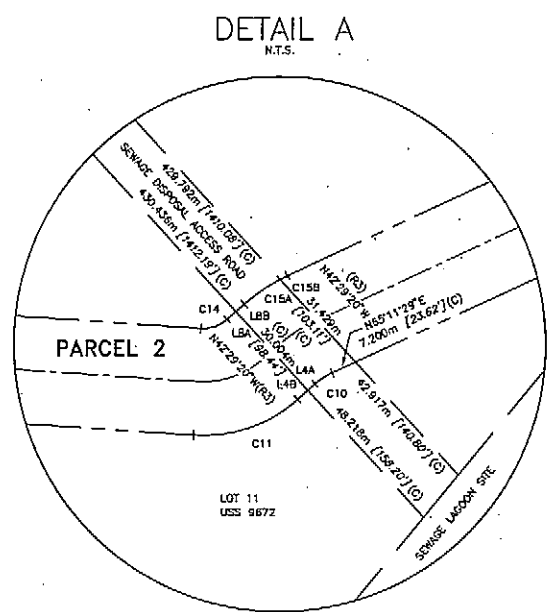
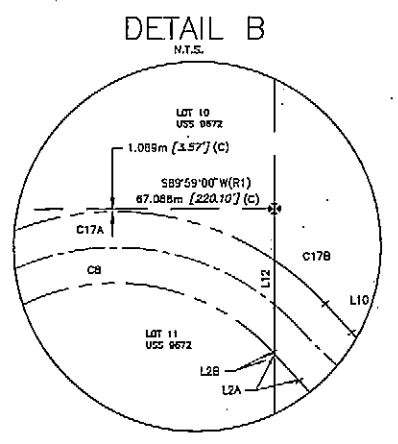
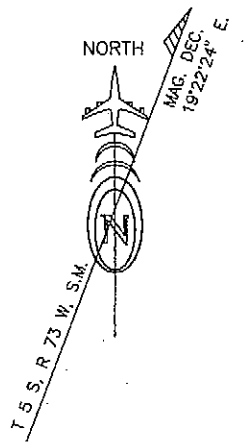
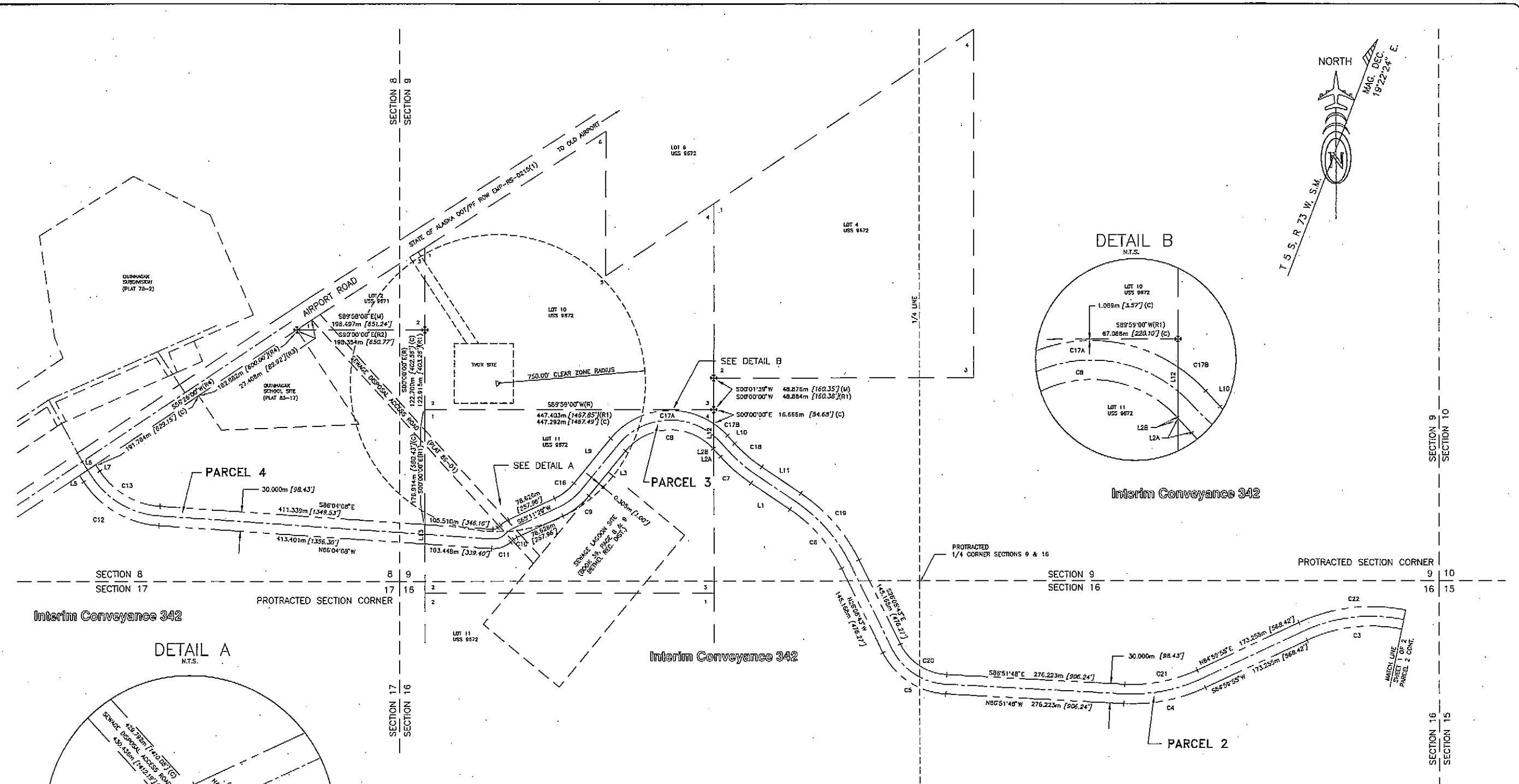
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	215.000m / 705.36'	95.209m / 312.36'	48.398m / 158.78'	84.433m / 277.02'	S85°32'02" W	25°22'21"
C2	265.000m / 869.42'	149.291m / 489.80'	76.685m / 251.59'	147.375m / 483.55'	S85°32'02" W	32°18'42"
C3	235.000m / 771.00'	132.359m / 434.35'	68.003m / 223.17'	130.047m / 426.63'	N85°32'02" E	32°15'42"
C4	185.000m / 606.92'	81.924m / 268.78'	41.645m / 136.62'	81.255m / 266.59'	N85°42'01" E	25°22'21"



VICINITY MAP SCALE 1:50,000
SECTIONS 8,9,10,11,14,15 & 16
TOWNSHIP 5 SOUTH, RANGE 74 WEST,
SEWARD MERIDIAN
USGS QUAD: GOODNEWS BAY (C-8 & D-8)
BETHEL RECORDING DISTRICT



FILE: QUIN-6-7.DWG DATE: 04/16/97 1-3 vml deqvb	AIRPORT LAYOUT PLAN CONDITIONALLY APPROVED BY: FAA AIRSPACE REVIEW NUMBER: 97AAL-34-NRA FAA, AIRPORTS DIVISION ALASKAN REGION, AAL-800 DATE: 4/1/97	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES CENTRAL REGION-DESIGN AND CONSTRUCTION-AVIATION APPROVED: STEVE VAN HORN, P.E. APPROVED: MIRIAM M. TAVAKA, P.E.	DATE: 04/14/97 DESIGN: QH DRAWN: GJR CHECKED: LGR	QUINHAGAK AIRPORT AIRPORT PROPERTY PLAN SCALE: 3000	SHEET 6 OF 8
	REVISIONS BY DATE REVISIONS	DESIGN SECTION CHIEF PROJECT MANAGER			



CURVE TABLE

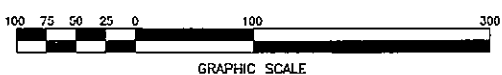
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C3	235.000m	1771.00'	150.42m	493.57'	77.888m	225.54'
C4	265.000m	1889.42'	150.142m	428.97'	66.411m	217.88'
C5	115.000m	1777.30'	111.865m	189.83'	67.380m	221.00'
C6	235.000m	1771.00'	122.482m	401.78'	62.655m	205.56'
C7	265.000m	1869.42'	62.448m	204.68'	31.365m	102.92'
C8	80.000m	288.78'	153.832m	204.70'	103.410m	132.27'
C9	115.000m	1777.30'	51.432m	188.74'	28.353m	183.62'
C10	20.000m	65.62'	5.828m	18.12'	2.535m	8.63'
C11	40.000m	131.23'	31.718m	104.66'	16.745m	54.94'
C12	155.815m	500.27'	138.845m	458.62'	75.251m	246.94'
C13	122.616m	422.29'	112.255m	258.63'	62.471m	188.40'
C14	10.000m	32.81'	7.830m	26.02'	4.187m	13.74'
C15A	50.000m	164.04'	12.223m	40.10'	6.142m	20.15'
C15B	50.000m	164.04'	2.346m	7.70'	1.173m	3.85'
C16	85.000m	278.67'	38.013m	124.42'	19.351m	63.42'
C17A	120.000m	393.70'	176.776m	579.97'	108.816m	352.01'
C17B	120.000m	393.70'	28.333m	92.08'	14.232m	46.69'
C18	235.000m	1771.00'	55.375m	181.63'	27.816m	89.27'
C19	265.000m	1869.42'	138.058m	453.07'	76.654m	231.80'
C20	85.000m	278.67'	90.077m	295.53'	49.788m	163.35'
C21	235.000m	1771.00'	115.409m	378.64'	58.893m	193.22'
C22	265.000m	1869.42'	169.824m	556.51'	87.831m	288.18'

LINE TABLE

LINE	DIRECTION	DISTANCE
L1	N56°01'11"W	72.705m
L2A	N42°30'04"W	15.394m
L2B	N42°30'04"W	1.035m
L3	S59°59'00"W	88.330m
L4A	S48°29'48"W	4.850m
L4B	S48°29'48"W	3.859m
L5	N33°34'00"W	11.814m
L6	N33°34'00"W	30.300m
L7	S33°34'00"W	11.814m
L8A	N48°29'48"E	3.343m
L8B	N48°29'48"E	3.166m
L9	N33°34'00"E	89.330m
L10	S42°30'04"E	16.429m
L11	S60°01'11"E	72.705m
L12	S00°00'00"E	30.477m
L13	S00°00'00"E	30.071m

LEGEND

- () DISTANCE IN FEET
- L1 LINE NUMBER - SEE LINE TABLE
- C1 CURVE NUMBER - SEE CURVE TABLE
- (R1) RECORD PER PLAT OF U.S. SURVEY NO. 9672
- (R2) RECORD PER PLAT OF U.S. SURVEY NO. 9671
- (R3) RECORD PER PLAT NO. 86-01
- (R4) RECORD PER PLAT NO. 85-17
- (C) COMPUTED SURVEY DATA
- * BLM MONUMENT FOUND



FILE: QUIN-5-7.0WC DATE: 04/16/97 1-3 v=1 docvb	AIRPORT LAYOUT PLAN CONDITIONALLY APPROVED By: FAA AIRSPACE REVIEW NUMBER: 87AAL-34-NRA FAA, AIRPORTS DIVISION ALASKAN REGION, AAL-600 DATE: 4/1/97	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>BY</th> <th>DATE</th> <th>REVISIONS</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	BY	DATE	REVISIONS										STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES CENTRAL REGION-DESIGN AND CONSTRUCTION-AVIATION APPROVED: <i>Steve Van Horn</i> STEVE VAN HORN, P.E. DESIGN SECTION CHIEF APPROVED: <i>Miriam M. Takala</i> MIRIAM M. TAKALA, P.E. PROJECT MANAGER	DATE: 04/14/97 DESIGN: DJR DRAWN: GJR CHECKED: LGR	QUINHAGAK AIRPORT AIRPORT PROPERTY PLAN SCALE: 3000	SHEET 7 OF 8
BY	DATE	REVISIONS																