



U.S. Department
of Transportation

Alaskan Region

222 W. 7th Avenue #14
Anchorage, Alaska
99513-7587

**Federal Aviation
Administration**

September 21, 2007

Mr. Tom Schmid, Project Manager
Aviation Design Section
Central Region Department of Transportation
and Public Facilities, State of Alaska
PO Box 196900
Anchorage, Alaska 99519

Dear Mr. Schmid:

**Atka Airport
Atka, Alaska
Airport Layout Plan Conditional Approval
Airspace Case 07-AAL-155NRA**

We have completed our review of the Atka Airport Layout Plan (ALP), and find it acceptable from a planning standpoint.

The conditional approval indicated by my signature is given subject to the condition that the proposed airport development that requires environmental processing shall not be undertaken without prior written environmental approval by the FAA.

This approval considers only the safety, utility, and efficiency of the airport. We encourage you to work with appropriate agencies to encourage adoption of height and zoning restrictions.

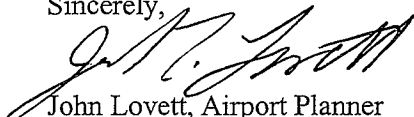
This approval does not represent a commitment to provide financial assistance to implement the proposed plan. FAA assistance in any development or its approval for any development will be determined at the time of request, based on the existing regulations, project justification, and eligibility at the time of the request.

When airport construction, alteration, or deactivation is undertaken, such action requires FAA notification and review in accordance with the provisions of Part 77 and Part 157 of the Federal Aviation Regulations. In addition, all airport construction must be completed in accordance with FAA Advisory circulars current at the time of construction.

Please attach this letter to the enclosed ALP and retain it in your files for future use. ~~Note also that we received only one mylar set with this submittal; please forward one copy to our office for our records.~~ — I spoke with John Lovett on 10/10/07. HE did receive two copies, so he does not need another set. — carla smith.

If you have any questions, please contact me at 271-5446.

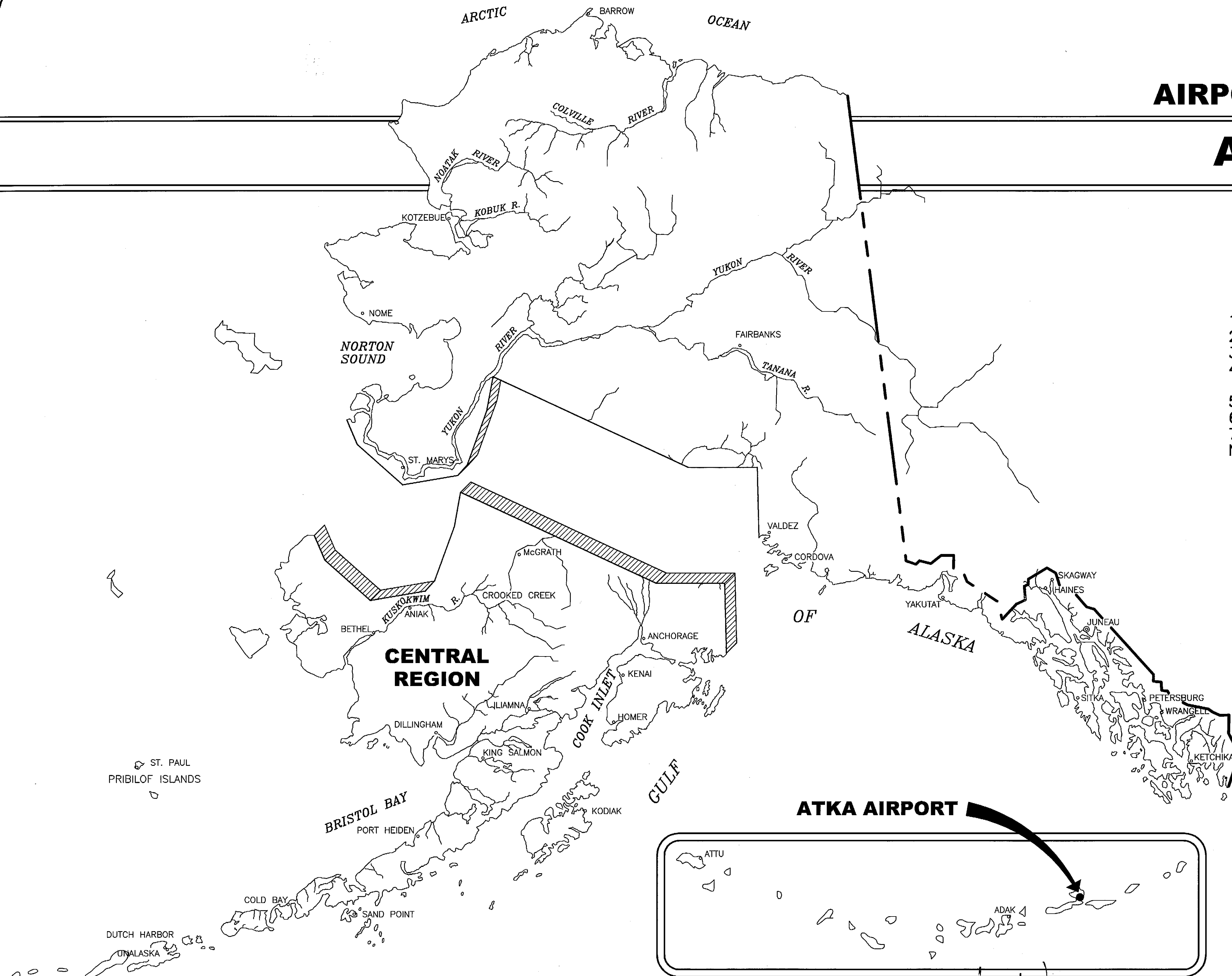
Sincerely,


John Lovett, Airport Planner
Airports Division

Enclosure: Atka Airport ALP

cc: AAL-530, ANC FPO/AVN-123

Date Plotted: 08/03/2007
Plot Ratio and Layout: 1=1, Layout=ALP Cover
File: W:\Projects\Atka\ALP_2007\Submittal\Mylar\001MPLP01089



AIRPORT LAYOUT PLAN FOR ATKA AIRPORT

2007

DRAWING INDEX

- 1 - COVER SHEET AND INDEX
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- NARRATIVE - REPORT AVAILABLE



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

APPROVED
ROBERT A. CAMPBELL, P.E.

DATE 8-7-07
PRECONSTRUCTION ENGINEER

RECOMMENDED
HARVEY M. DOUTHIT, P.E.

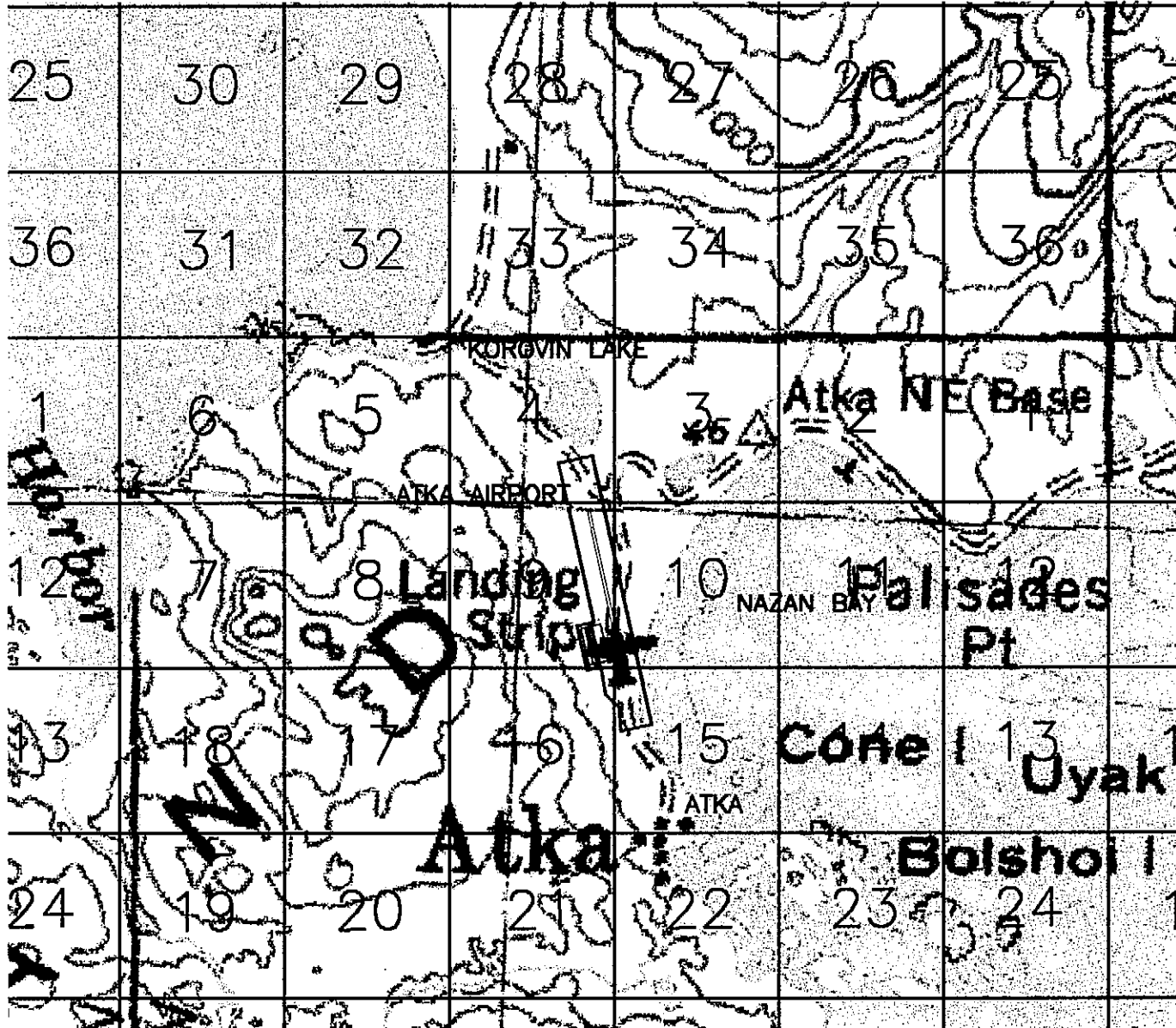
DATE 8/7/2007
AVIATION DESIGN SECTION CHIEF

AIRPORT LAYOUT PLAN CONDITIONAL APPROVAL SUBJECT TO
ALP APPROVAL LETTER DATED
FAA AIRSPACE REVIEW NUMBER: 2007-AAL-155-NRA

DATE: 9/21/2007
FAA, AIRPORTS DIVISION ALASKAN REGION, AAL-672

**ATKA AIRPORT
AIRPORT LAYOUT PLAN**

SHEET 1 OF 7

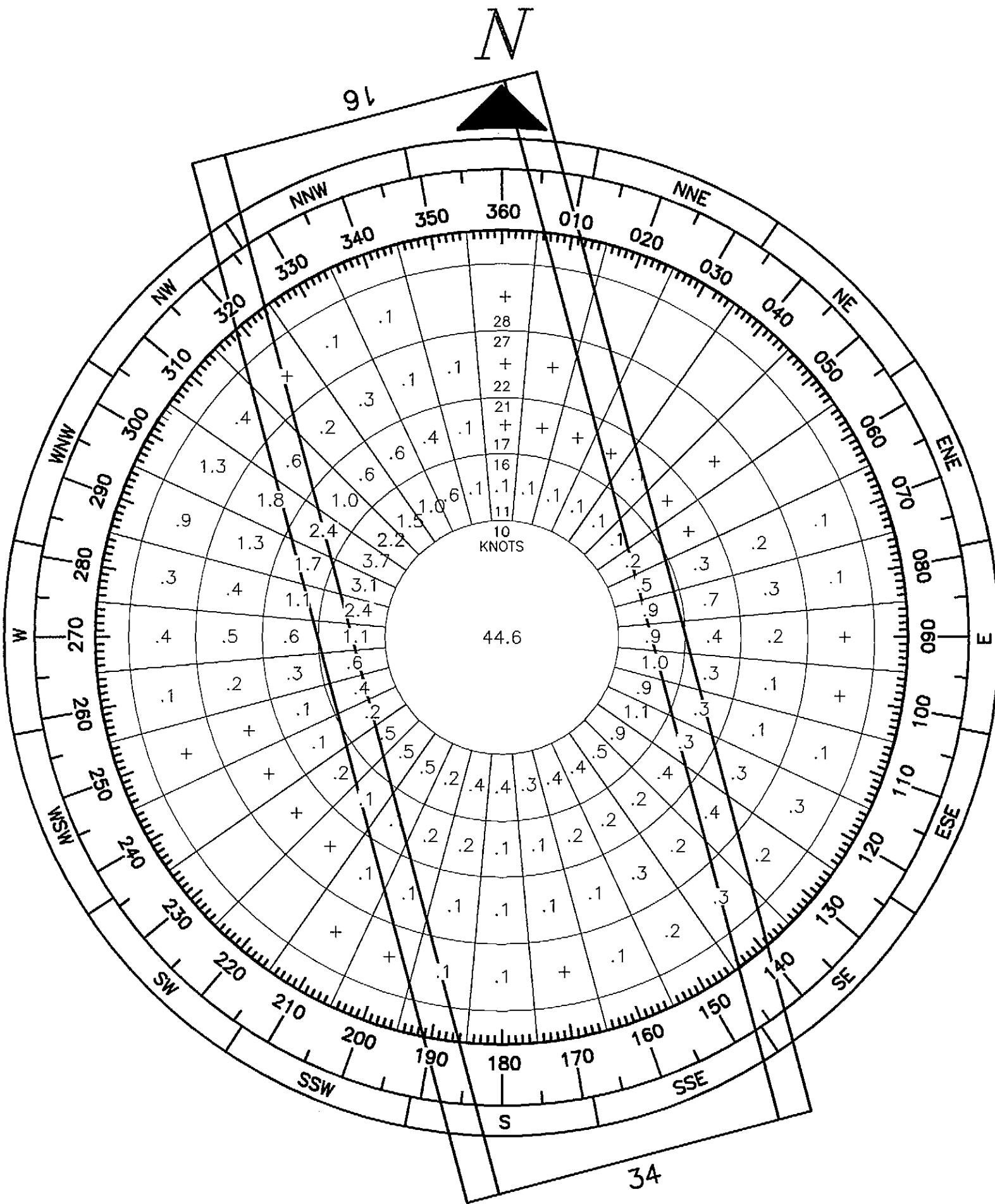


VICINITY MAP

1"=1 MILE
T 92 S, R 176 W, SEC. 4, 9, 10, 15, 16
SEWARD MERIDIAN
U.S.G.S. ATKA, ALASKA

NOTES:

- ALL COORDINATES ARE NAD83 UNLESS OTHERWISE SPECIFIED.
- THE VERTICAL DATUM IS NAVD88 (GEOID99), IN FEET, ESTABLISHED WITH AN AVERAGE OPUS ORTHOMETRIC SOLUTION AT NGS CONTROL STATION "BOB."
- LARGER THAN UTILITY RUNWAY; 500' PRIMARY SURFACE.
- NO OFZ OBJECT PENETRATIONS.
- NO THRESHOLD SITING SURFACE OBJECT PENETRATIONS.
- THE BASIS OF MAPPING SHOWN IN THIS ALP IS A SINGLE SURFACE RESULTANT OF THE MERGING OF 2 DATA GROUPS. 2 FOOT CONTOURS ARE DISPLAYED IN THAT AREA WHICH HAS BEEN SURVEYED BY MCCLINTOCK LAND ASSOCIATES. 4 FOOT CONTOURS ARE DISPLAYED IN THAT REGION WITHIN THE PROJECT AREA FOR WHICH ALL AVAILABLE DATA HAS BEEN PROVIDED BY AEROMAP U.S.. GROUND VERIFICATION OF THIS AEROMAP DATA HAS NOT BEEN CONDUCTED BY MCCLINTOCK LAND ASSOCIATES.



WIND DATA

WIND COVERAGE:	SPEED	R/W 16/34	AIRPORT REFERENCE CODE
	10.5 KNOTS	65.12%	A-I, B-I
	13 KNOTS	75.47%	A-II, B-II
	16 KNOTS	85.33%	A-III, B-III, C-I THROUGH D-III
SOURCE:	WESTERN REGIONAL CLIMATE CENTER, RENO, NEVADA		
PERIOD:	11/2000-10/2001		

MODIFICATIONS TO STANDARDS AND NON-STANDARD CONDITIONS

ITEM	EXISTING	STANDARD	PROPOSED	ULTIMATE
RUNWAY WIDTH	86'	75'	100'	100'
LANDFILL SEPARATION	3700'	5,000'	3,700'	5,000'
WIND COVERAGE: 13 KNOTS (SEE WIND DATA)	74.10%	95%	75.47%	75.47%
FISH PROCESSING PLANT	4,440'	5,000'	3,600'	5,000'
DOCK ROAD F.A.R. PART 77.18 CLEARANCE REQUIREMENT	NONE	NONE	15.2'	NONE - (ROAD TO BE RELOCATED)






















BASIC DATA TABLE


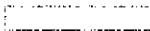
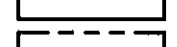


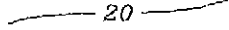
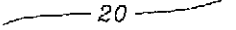
RUNWAY DATA			
	RUNWAY 15/33	RUNWAY 16/34	RUNWAY 16/34
ITEM	EXISTING	PROPOSED	ULTIMATE
EFFECTIVE GRADE	0.290%	0.510%	0.539%
INSTRUMENT RUNWAY	VISUAL, UTILITY	VISUAL, LARGER THAN UTILITY	VISUAL, LARGER THAN UTILITY
RUNWAY SURFACE	ASPHALT	ASPHALT	ASPHALT
PAVEMENT STRENGTH	15	30 (SINGLE)	30 (SINGLE)
APPROACH SURFACES	20:1	20:1	20:1
VISIBILITY MINIMUM	>1 MILE	N/A	N/A
RUNWAY LIGHTING	MIRL	MIRL	MIRL
RUNWAY MARKING	VISUAL	VISUAL	VISUAL
RUNWAY NAVIGATION AIDS	NONE	PAPI/REIL	PAPI/REIL
AIRCRAFT APPROACH CATEGORY	B	B	B
AIRCRAFT DESIGN GROUP	I	II	II
RUNWAY SAFETY AREA (RSA) DIMENSIONS	120'x3500'	150'x5100'	150'x5600'
LENGTH BEYOND RUNWAY END	106.5'/106.5'	300'/300'	300'/300'
RUNWAY DIMENSIONS	84'x3287'	100'x4500'	100'x5000'
RUNWAY OBJECT FREE AREA (ROFA) DIMENSIONS	400'x3767'	500'x5100'	500'x5600'
RUNWAY OBSTACLE FREE ZONE (ROFZ) DIMENSIONS	250'x3687'	400'x4900'	400'x5400'
RUNWAY PROTECTION ZONE (RPZ) DIMENSIONS	1000'x500'x800'	1700'x500'x1010' (TH16) 1000'x500'x700' (TH34)	1700'x500'x1010' (TH16) 1000'x500'x700' (TH34)
PRIMARY SURFACE	500'x3687'	500'x4900'	500'x5400'
GEODETIC POSITIONS (N.A.D. 83)			
THRESHOLD 15	LAT. N 52°13'29.15" LONG. W 174°12'28.11"		
THRESHOLD 33	LAT. N 52°12'57.35" LONG. W 174°12'17.42"		
THRESHOLD 16	LAT. N 52°13'35.56" LONG. W 174°12'31.51"	N 52°13'35.56" W 174°12'31.51"	N 52°13'40.32" W 174°12'33.57"
THRESHOLD 34	LAT. N 52°12'52.66" LONG. W 174°12'13.01"	N 52°12'52.66" W 174°12'13.01"	N 52°12'52.66" W 174°12'13.01"
TOUCHDOWN ZONE ELEVATION			
R/W 15	45.2'		
R/W 33	44.3'		
R/W 16		57.2'	61.2'
R/W 34		34.3'	34.3'

AIRPORT DATA

ITEM	EXISTING	PROPOSED	ULTIMATE
NATIONAL AIRPORT IDENTIFIER	AKA	AKA	AKA
ICAO AIRPORT IDENTIFIER	PAAK	PAAK	PAAK
FAA SITE NUMBER	50040.5*A	50040.5*A	50040.5*A
AIRPORT ELEVATION (NAVD 88)	45.16'	57.21'	61.21'
AIRPORT REFERENCE POINT (ARP NAD 83)	LAT. N 52°13'16.49" LONG. W 174°12'23.29"	N 52°13'16.49" W 174°12'23.29"	N 52°13'16.49" W 174°12'23.29"
TAXIWAY LIGHTING	MITL	MITL	MITL
MEAN MAX. TEMPERATURE, HOTTEST MONTH (JULY)	55°F	55°F	55°F
MAGNETIC DECLINATION, YEAR	8°04' E, APR 2002	7°35' E, FEB 2007	0°5' WEST PER YEAR
AIRPORT REFERENCE CODE	B-I	B-II	B-II
AIRPORT AND TERMINAL NAVAIDS	GPS/ROT. BEACON	GPS/ROT. BEACON	GPS/ROT. BEACON
OBSTRUCTION SURVEY SOURCE AND TYPE	NONE	BV	BV

LEGEND

ITEM		EXISTING	PROPOSED/ ULTIMATE
PROPERTY LINE			
BUILDING RESTRICTION LINE			
AIRPORT REFERENCE POINT (A.R.P.)			
WIND CONE AND SEGMENTED CIRCLE			
ROADWAYS			
BUILDINGS			
ROTATING BEACON			
ANTENNA			
PAPI			
REIL			
SINGLE WINDCONE			
THRESHOLD LIGHTING			
AWOS			

ITEM	TO BE CLOSED/RELOCATED	EXISTING	PROPOSED/ ULTIMATE
DEVELOPMENT	 (PROPOSED UNLESS OTHERWISE SPECIFIED)		
OCEAN / LAKE / PONDS			
CONTOURS - MAJORS @ 20' INTERVALS			
CONTOURS - MINORS @ 4' INTERVALS			

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
CENTRAL REGION

DATE FEB 2007
DESIGN RLC/KBK
DRAWN RJP/GDS
CHECKED RLC

ATKA AIRPORT

AIRPORT LAYOUT PLAN

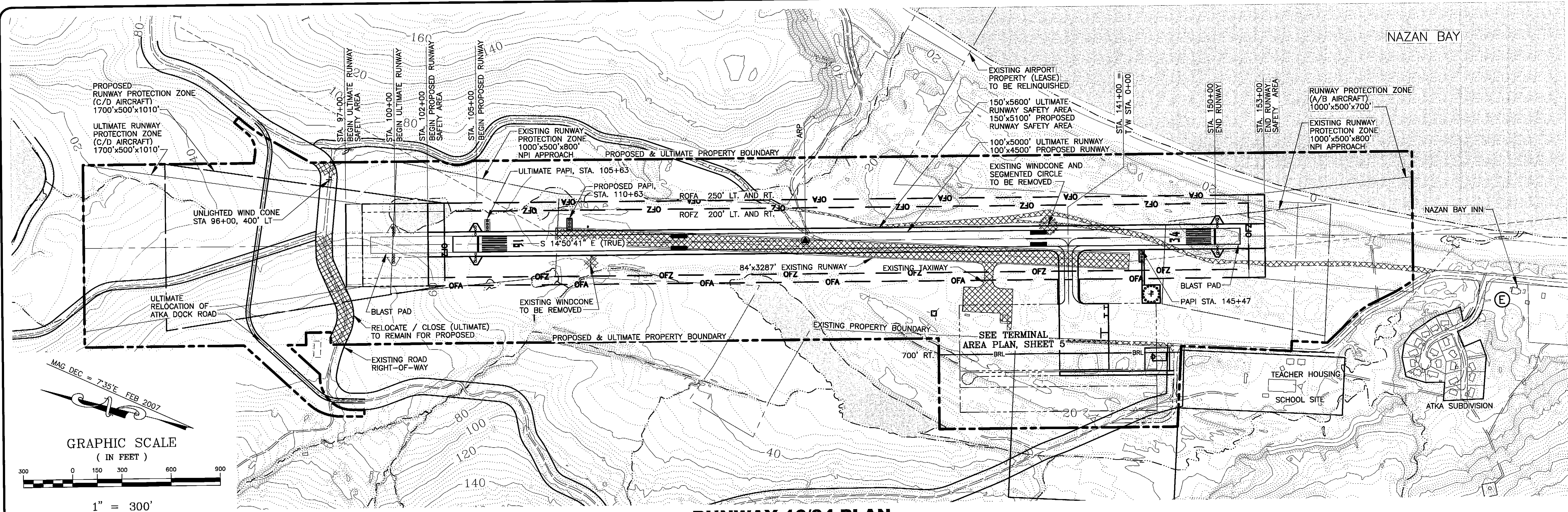
VICINITY MAP AND DATA TABLES

SHEET

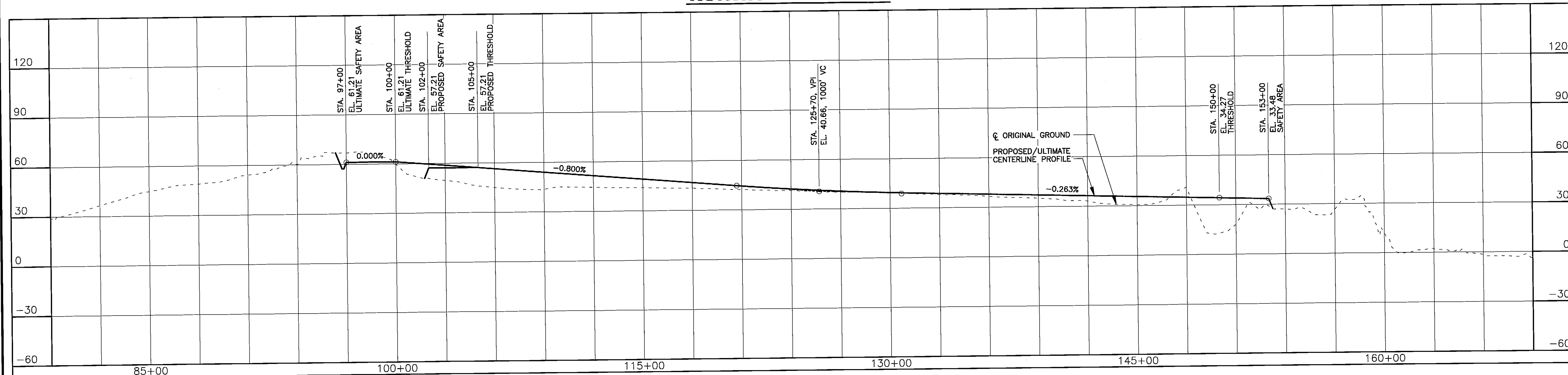
2

OF

7



RUNWAY 16/34 PLAN



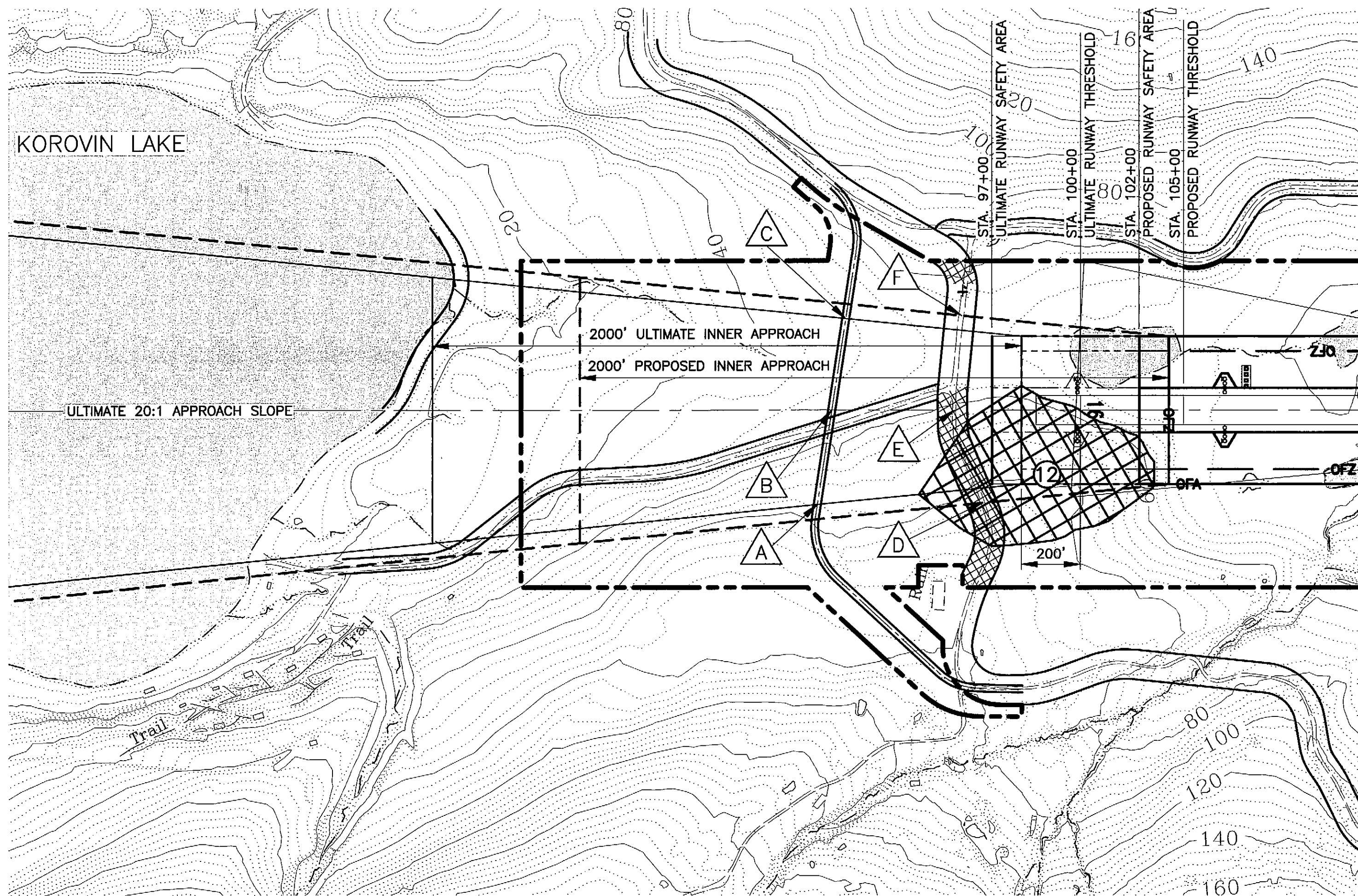
RUNWAY 16/34 PROFILE

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
CENTRAL REGION

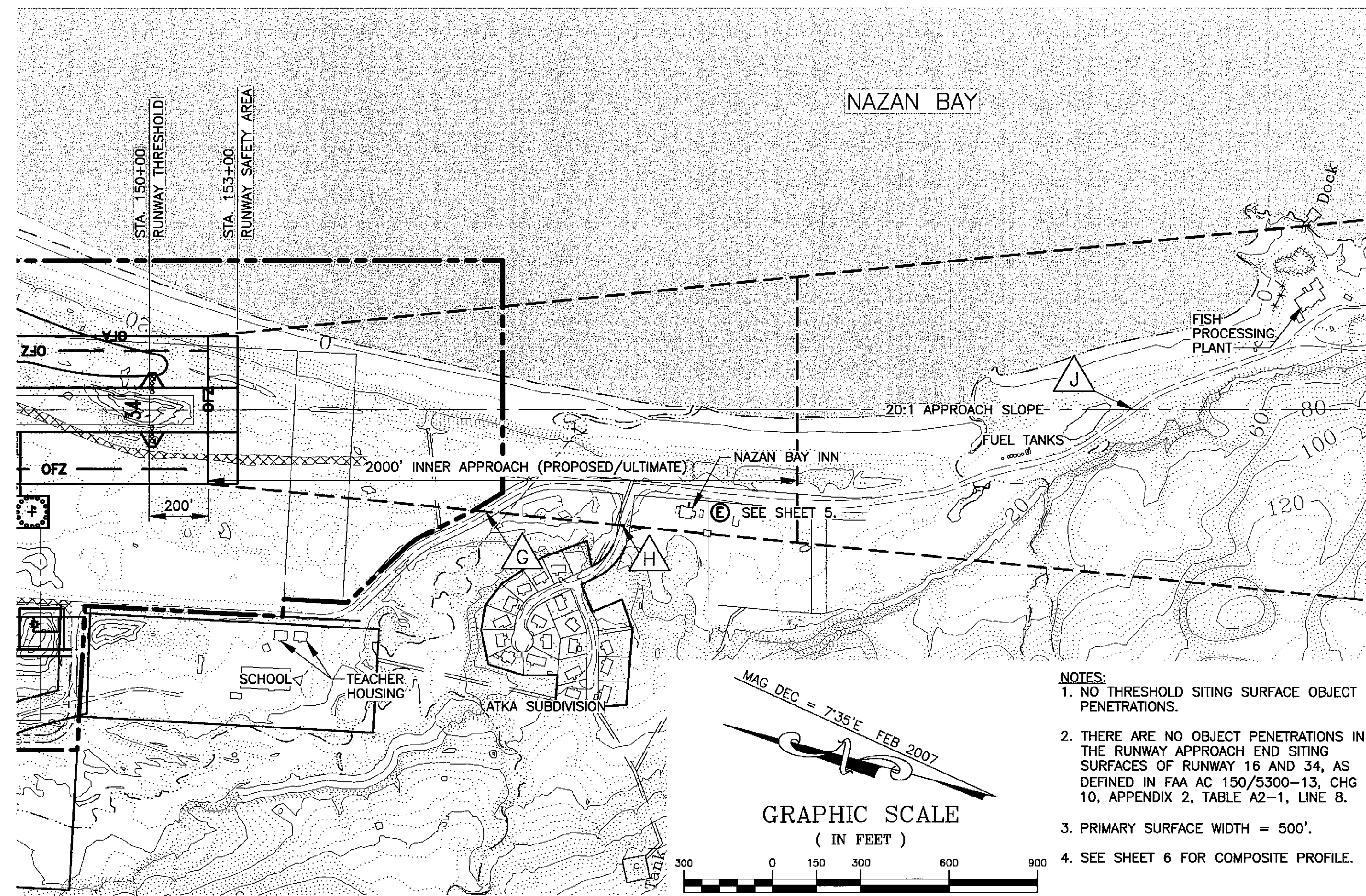
DATE FEB 2007
DESIGN RLC/KBK
DRAWN RJP
CHECKED RLC

ATKA AIRPORT
AIRPORT LAYOUT PLAN
RUNWAY 16/34
PLAN AND PROFILE

SHEET
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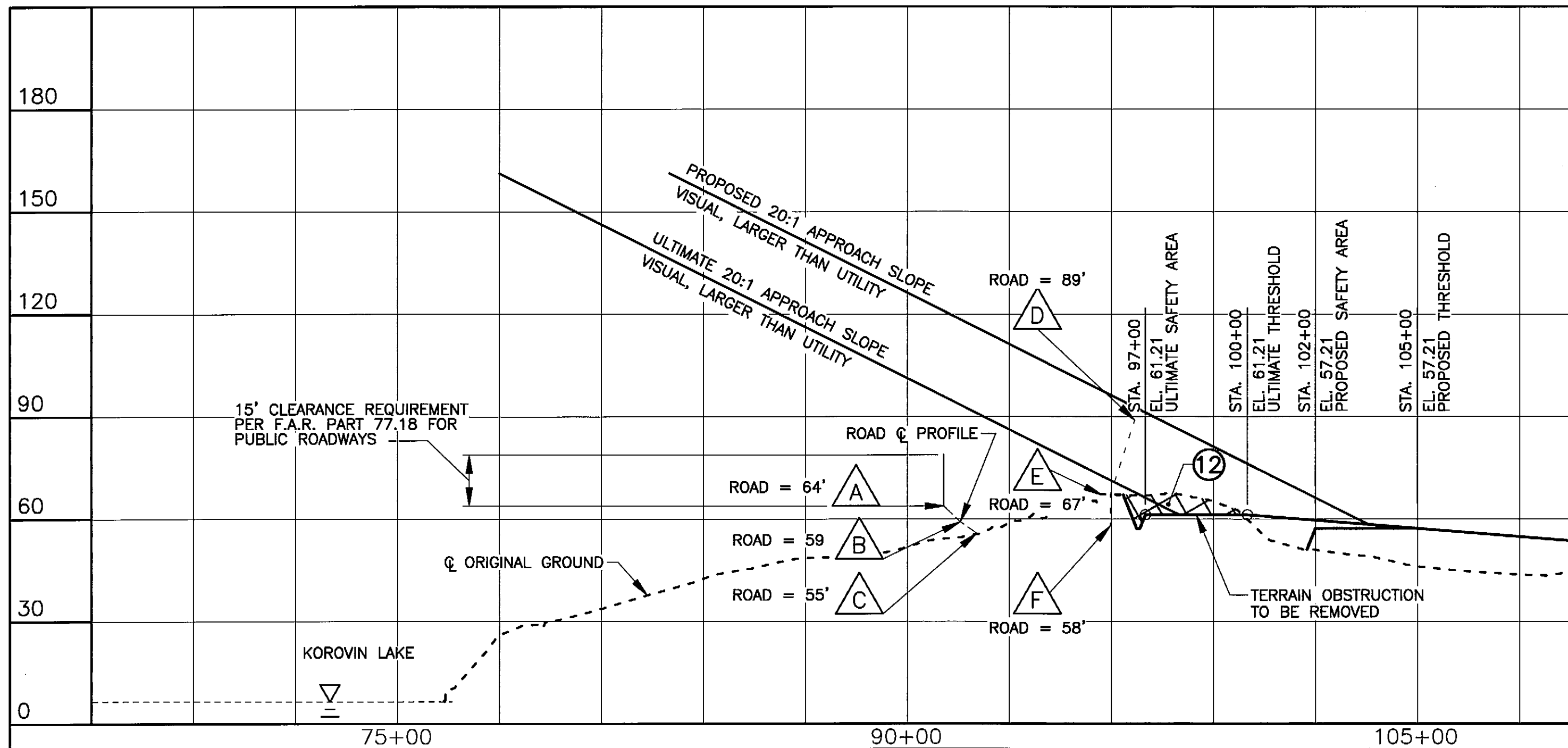


RUNWAY 16 PLAN

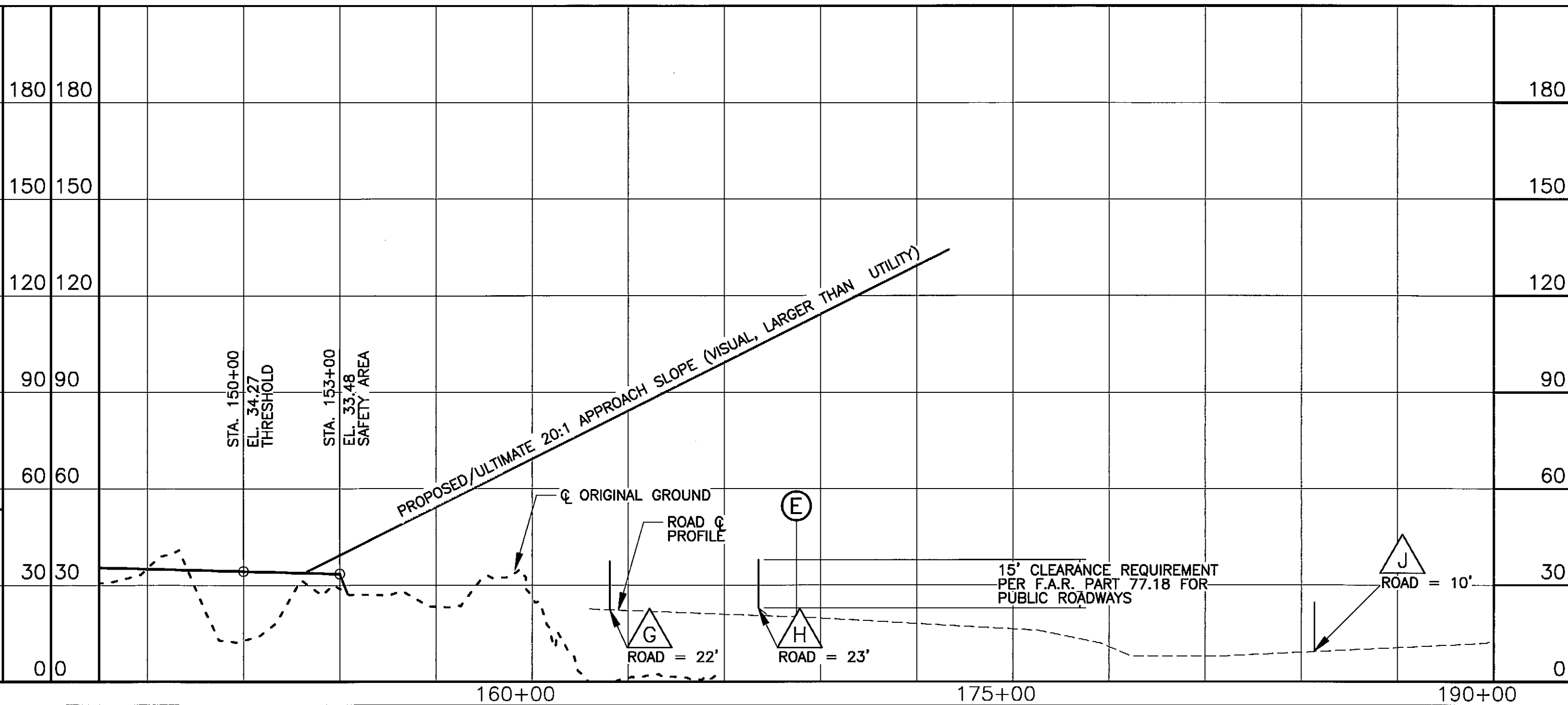


RUNWAY 34 PLAN

1" = 300'



RUNWAY 16 PROFILE



RUNWAY 34 PROFILE

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
CENTRAL REGION

DATE FEB 2007
DESIGN RLC/KBK
DRAWN RJP/GDS
CHECKED RLC

ATKA AIRPORT

AIRPORT LAYOUT PLAN
RUNWAY 16/34 INNER APPROACH SURFACES
PLAN AND PROFILE

SHEET
4
OF
7

PROPOSED AND ULTIMATE TAXIWAY DATA

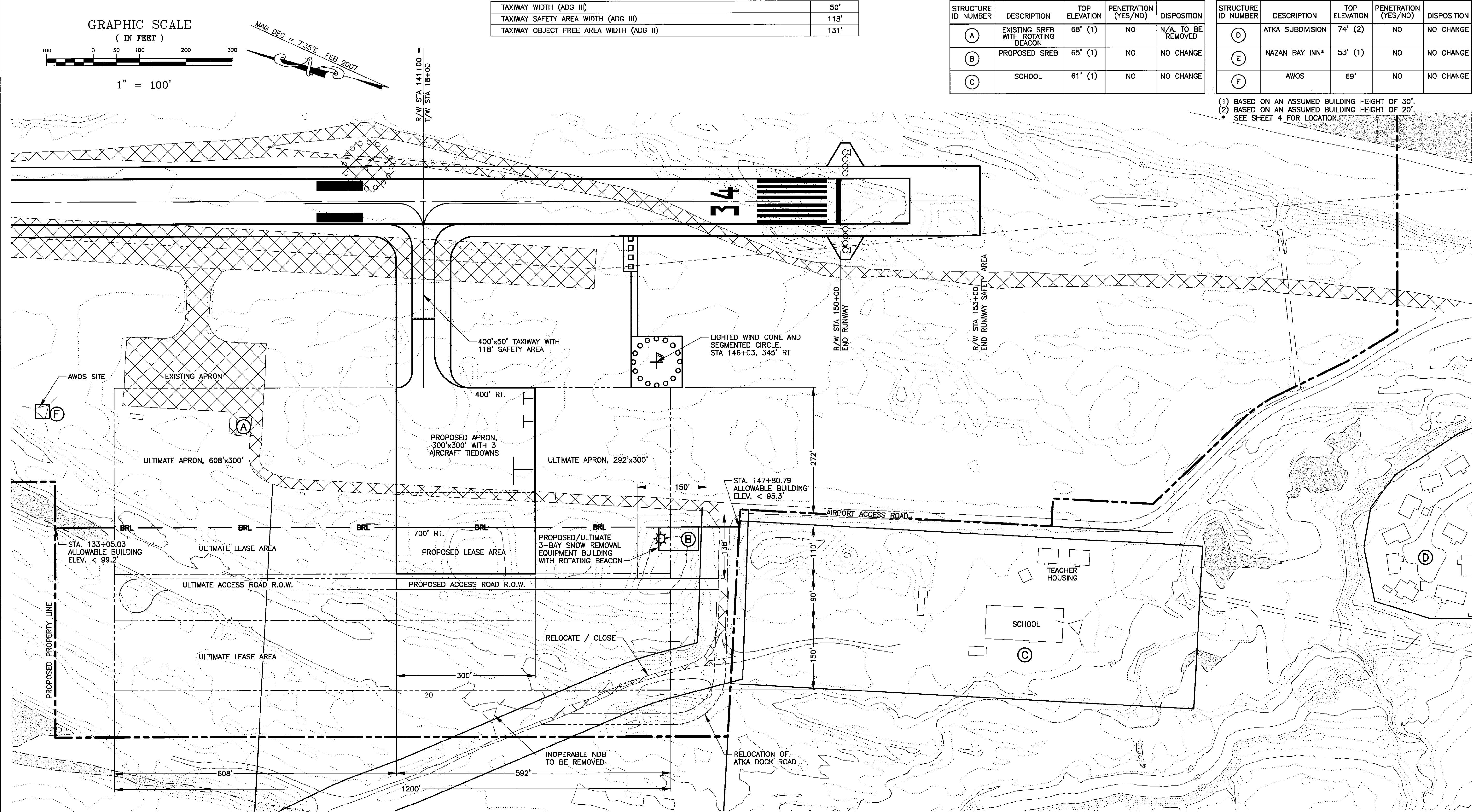
TAXIWAY WIDTH (ADG III)	50'
TAXIWAY SAFETY AREA WIDTH (ADG III)	118'
TAXIWAY OBJECT FREE AREA WIDTH (ADG II)	131'

BUILDING DATA TABLE

STRUCTURE ID NUMBER	DESCRIPTION	TOP ELEVATION	PENETRATION (YES/NO)	DISPOSITION
(A)	EXISTING SREB WITH ROTATING BEACON	68' (1)	NO	N/A. TO BE REMOVED
(B)	PROPOSED SREB	65' (1)	NO	NO CHANGE
(C)	SCHOOL	61' (1)	NO	NO CHANGE

STRUCTURE ID NUMBER	DESCRIPTION	TOP ELEVATION	PENETRATION (YES/NO)	DISPOSITION
(D)	ATKA SUBDIVISION	74' (2)	NO	NO CHANGE
(E)	NAZAN BAY INN*	53' (1)	NO	NO CHANGE
(F)	AWOS	69'	NO	NO CHANGE

(1) BASED ON AN ASSUMED BUILDING HEIGHT OF 30'.
(2) BASED ON AN ASSUMED BUILDING HEIGHT OF 20'.
* SEE SHEET 4 FOR LOCATION.



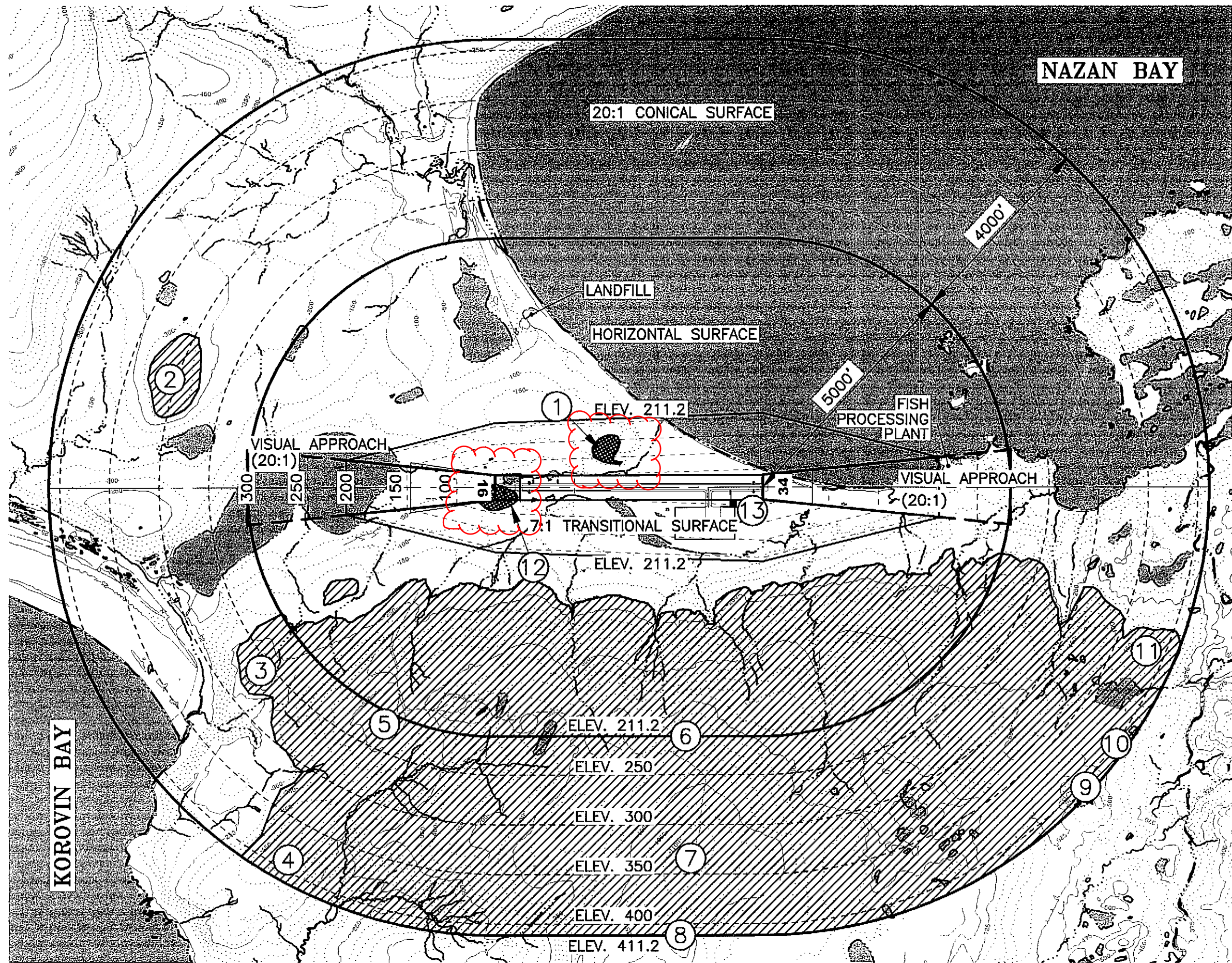
TERMINAL AREA PLAN

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
CENTRAL REGION

DATE FEB 2007
DESIGN RLC/KBK
DRAWN RJP/GDS
CHECKED RLC

ATKA AIRPORT
AIRPORT LAYOUT PLAN
TERMINAL AREA PLAN

SHEET
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OF
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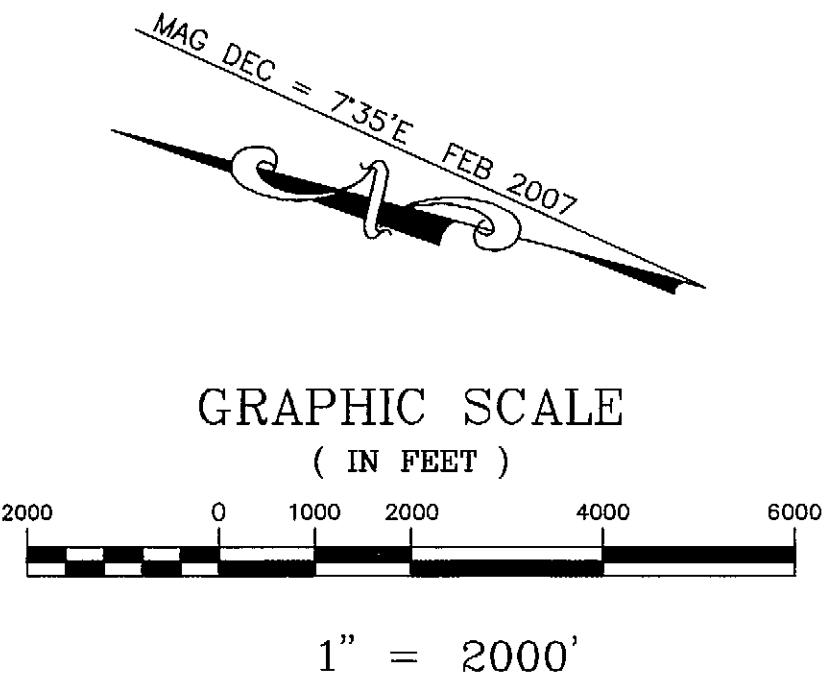
LEGEND

- HORIZONTAL & CONICAL SURFACE PENETRATIONS
- TRANSITIONAL, PRIMARY, & APPROACH SURFACE PENETRATIONS

PRIMARY SURFACE WIDTH = 500'

R/W 16 THRESHOLD ELEVATION (STA 100+00) = 61.21

R/W 34 THRESHOLD ELEVATION (STA 150+00) = 34.27

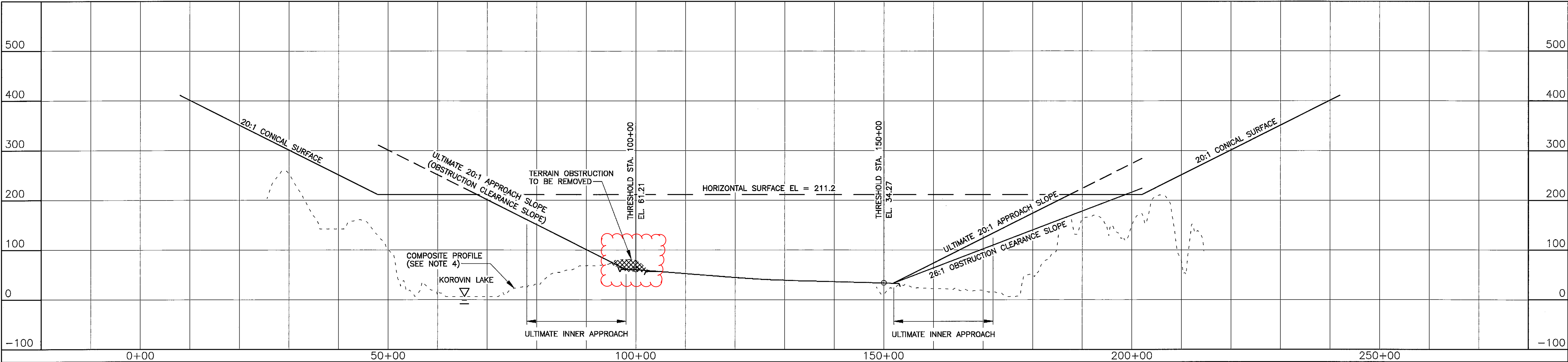


OBSTRUCTION DATA TABLE

ID #	DESCRIPTION	ELEVATION OF PENETRATING OBJECT (FT)	PENETRATION DISTANCE (FT)	DISPOSITION
1	TRANSITIONAL SURFACE TERRAIN PENETRATION	163	14	TO REMAIN (SEE NOTE 2)
2	CONICAL SURFACE TERRAIN PENETRATION	371	71	TO REMAIN
3	CONICAL SURFACE TERRAIN PENETRATION	290	23	TO REMAIN
4	CONICAL SURFACE TERRAIN PENETRATION	509	124	TO REMAIN
5	CONICAL SURFACE TERRAIN PENETRATION	522	278	TO REMAIN
6	CONICAL SURFACE TERRAIN PENETRATION	820	613	TO REMAIN
7	CONICAL SURFACE TERRAIN PENETRATION	1152	792	TO REMAIN
8	CONICAL SURFACE TERRAIN PENETRATION	1055	648	TO REMAIN
9	CONICAL SURFACE TERRAIN PENETRATION	609	209	TO REMAIN
10	CONICAL SURFACE TERRAIN PENETRATION	492	92	TO REMAIN
11	CONICAL SURFACE TERRAIN PENETRATION	512	125	TO REMAIN
12	PRIMARY SURFACE TRANSITIONAL SURFACE APPROACH SURFACE	90	20	TO BE REMOVED
13	TRANSITIONAL SURFACE	55	6	TO REMAIN TO BE LIGHTED

NOTES

- ALL TERRAIN PENETRATIONS OF THE PRIMARY AND APPROACH SURFACES WILL BE REMOVED. TERRAIN PENETRATIONS OF THE TRANSITIONAL SURFACES WEST OF THE RUNWAY WILL BE REMOVED.
- TERRAIN WILL BE CLEARED FROM THE TRANSITIONAL SURFACE AT 5:1 EAST OF THE RUNWAY. OBSTRUCTIONS TO THE 7:1 TRANSITIONAL SURFACE WILL REMAIN.
- REFER TO INNER APPROACH SURFACE, SHEET 4, FOR CLOSE IN OBSTRUCTIONS.
- THE COMPOSITE PROFILE ALONG THE EXTENDED RUNWAY CENTERLINE REPRESENTS THE HIGHEST TERRAIN ACROSS THE WIDTH AND ALONG THE LENGTH OF THE APPROACH SURFACE.
- REFER TO INNER APPROACH SURFACE, SHEET 4, FOR CLOSE IN OBSTRUCTIONS.



RUNWAY 16/34 APPROACH PROFILE

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
CENTRAL REGION

DATE FEB 2007
DESIGN RLC/KBK
DRAWN RJP/GDS
CHECKED RLC

ATKA AIRPORT
AIRPORT LAYOUT PLAN
AIRPORT AIRSPACE

SHEET
6
OF
7

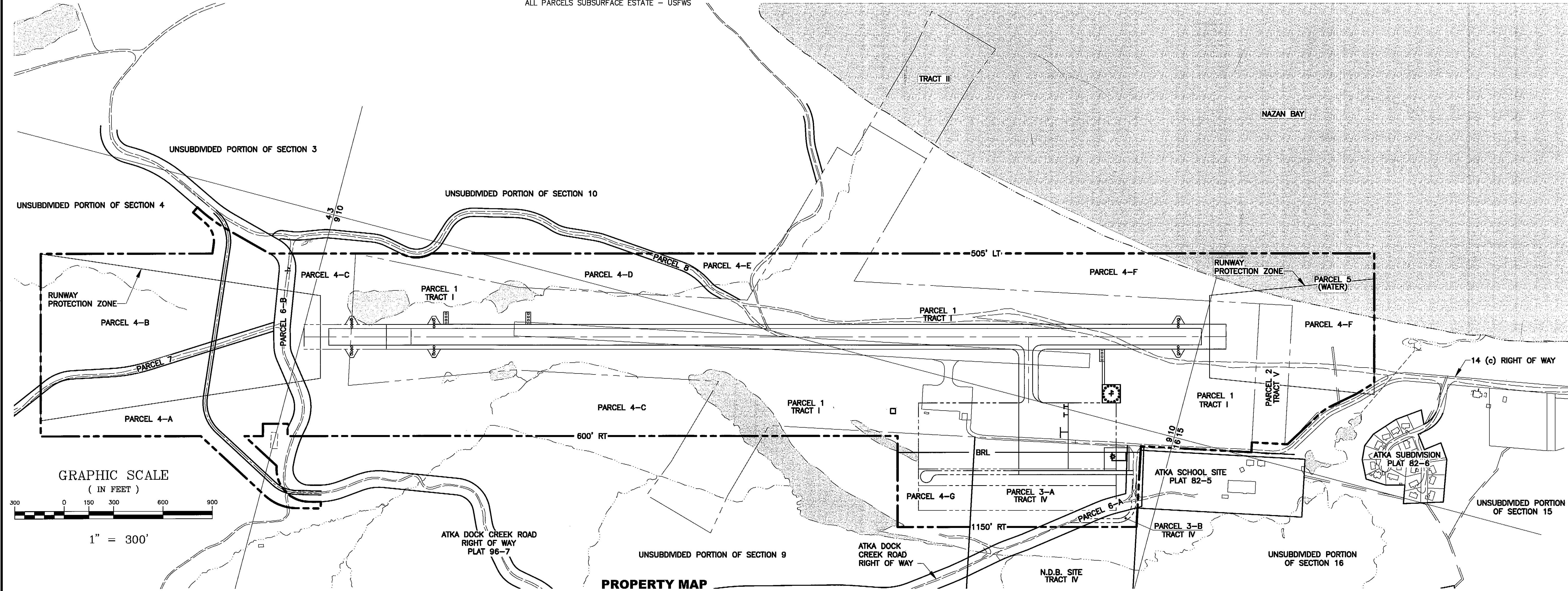
NOTES:

1. TRACT 1 HAS BEEN LEASED BY AK DOT/PF FROM THE CITY OF ATKA. WHEN THE ACQUISITIONS FOR THE NEW AIRPORT ARE COMPLETE THIS LEASE WILL TERMINATE AND THESE PORTIONS OF FORMER TRACT 1 WILL BE RETAINED BY THE CITY OF ATKA.
2. AN AVIGATION AND HAZARD EASEMENT REPORTEDLY EXISTS OVER TRACT V. THIS EASEMENT APPEARS TO HAVE NOT BEEN RECORDED.

PARCEL NUMBER		LARGER PARCEL	TAKE	REMAINDER	GRANTOR	GRANTEE	EXISTING INTEREST	PROPOSED INTEREST	DATE ACQUIRED	BOOK PAGE	ACQUIRED UNDER A.I.P. NO.
1		113.066 AC.	99.054 AC.	14.012 AC.	CITY OF ATKA	STATE, DOT&PF	TRACT I 30 YEAR LEASE-ANCSA14(C)(3) DCRA FOR CITY OF ATKA	FEE	11/15/82	BK 21 PG 794	3-02-0394-02
2		3.857 AC.	3.857 AC.	0.00 AC.	CITY OF ATKA	STATE, DOT&PF	TRACT V NO STATE INTEREST	FEE			3-02-0394-02
3	A	19.273 AC.	9.816 AC.	8.952 AC.	CITY OF ATKA	STATE, DOT&PF	TRACT IV 30 YEAR LEASE-ANCSA14(C)(3) DCRA FOR CITY OF ATKA	FEE	7/14/83	BK 27 PG 732 (RELEASED)	3-02-0394-02
	B		0.505 AC.		CITY OF ATKA	STATE, DOT&PF	TRACT IV 30 YEAR LEASE-ANCSA14(C)(3) DCRA FOR CITY OF ATKA	FEE	7/14/83	BK 27 PG 732 (RELEASED)	3-02-0394-02
	TOTAL		10.321 AC.								
4	A	LARGE	17.224 AC.	LARGE	ATXAMCORP	STATE, DOT&PF		FEE	TBA		3-02-0394-03-01
	B		21.005 AC.		ATXAMCORP	STATE, DOT&PF		FEE	TBA		3-02-0394-03-01
	C		25.982 AC.		ATXAMCORP	STATE, DOT&PF		FEE	TBA		3-02-0394-03-01
	D		7.667 AC.		ATXAMCORP	STATE, DOT&PF		FEE	TBA		3-02-0394-03-01
	E		2.249 AC.		ATXAMCORP	STATE, DOT&PF		FEE	TBA		3-02-0394-03-01
	F		18.574 AC.		ATXAMCORP	STATE, DOT&PF		FEE	TBA		3-02-0394-03-01
	G		6.596 AC.		ATXAMCORP	STATE, DOT&PF		FEE	TBA		3-02-0394-03-01
	TOTAL		99.297 AC.								
5		LARGE	7.162 AC.	LARGE	ADNR	STATE, DOT&PF		I.L.M.A.	TBA		3-02-0394-03-01
6	A	LARGE	1.664 AC.	LARGE	CITY OF ATKA	STATE, DOT&PF		FEE	TBA		3-02-0394-03-01
	B		2.629 AC.		CITY OF ATKA	STATE, DOT&PF		FEE	TBA		3-02-0394-03-01
	TOTAL		4.293 AC.								
7		LARGE	1.699 AC.	LARGE	CITY OF ATKA	STATE, DOT&PF		FEE	TBA		3-02-0394-03-01
8		LARGE	0.678 AC.	LARGE	CITY OF ATKA	STATE, DOT&PF		FEE	TBA		3-02-0394-03-01

ALL PARCELS SUBSURFACE ESTATE - USFWS

MAG DEC = 7°35'E FEB 2007



PA 20071010089 C:\COWI\PROJECTS\ATKA\PROJECT\PA 20071010089.LAYOUT1 5/1/2007 9:24 AM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
CENTRAL REGION

DATE FEB 2007
DESIGN RLC/KBK
DRAWN GDS
CHECKED RLC

ATKA AIRPORT
AIRPORT LAYOUT PLAN
AIRPORT PROPERTY MAP

SHEET
7
OF
7