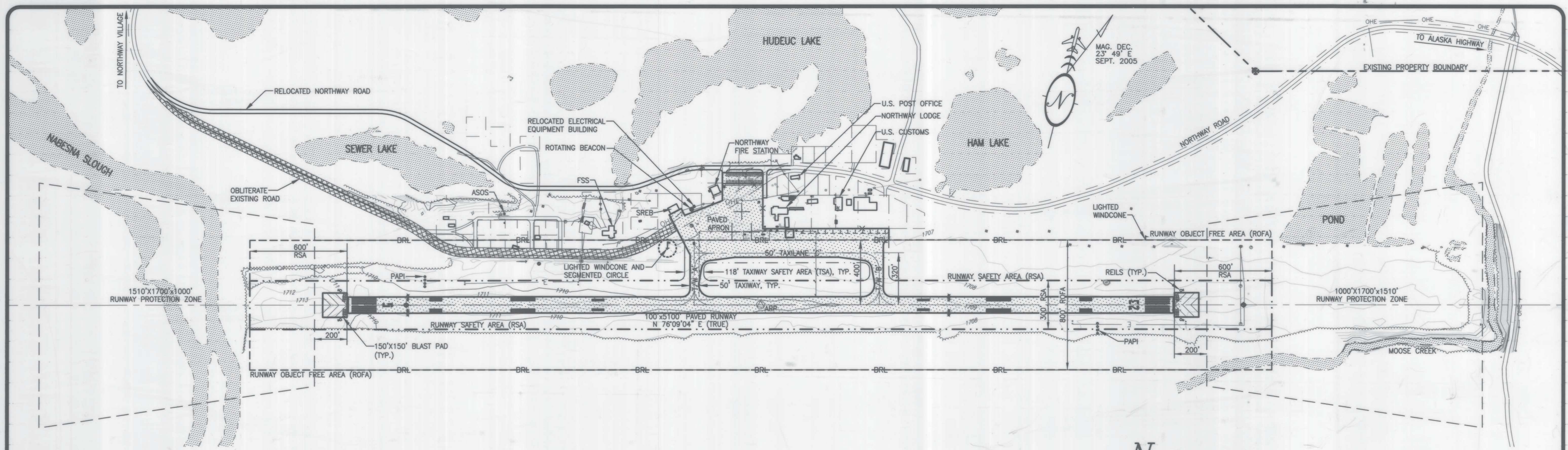


ESI FILE CORP. IRVINE CA
 Northway ALP 10-27-05
 Airport Layout Plan 1/4

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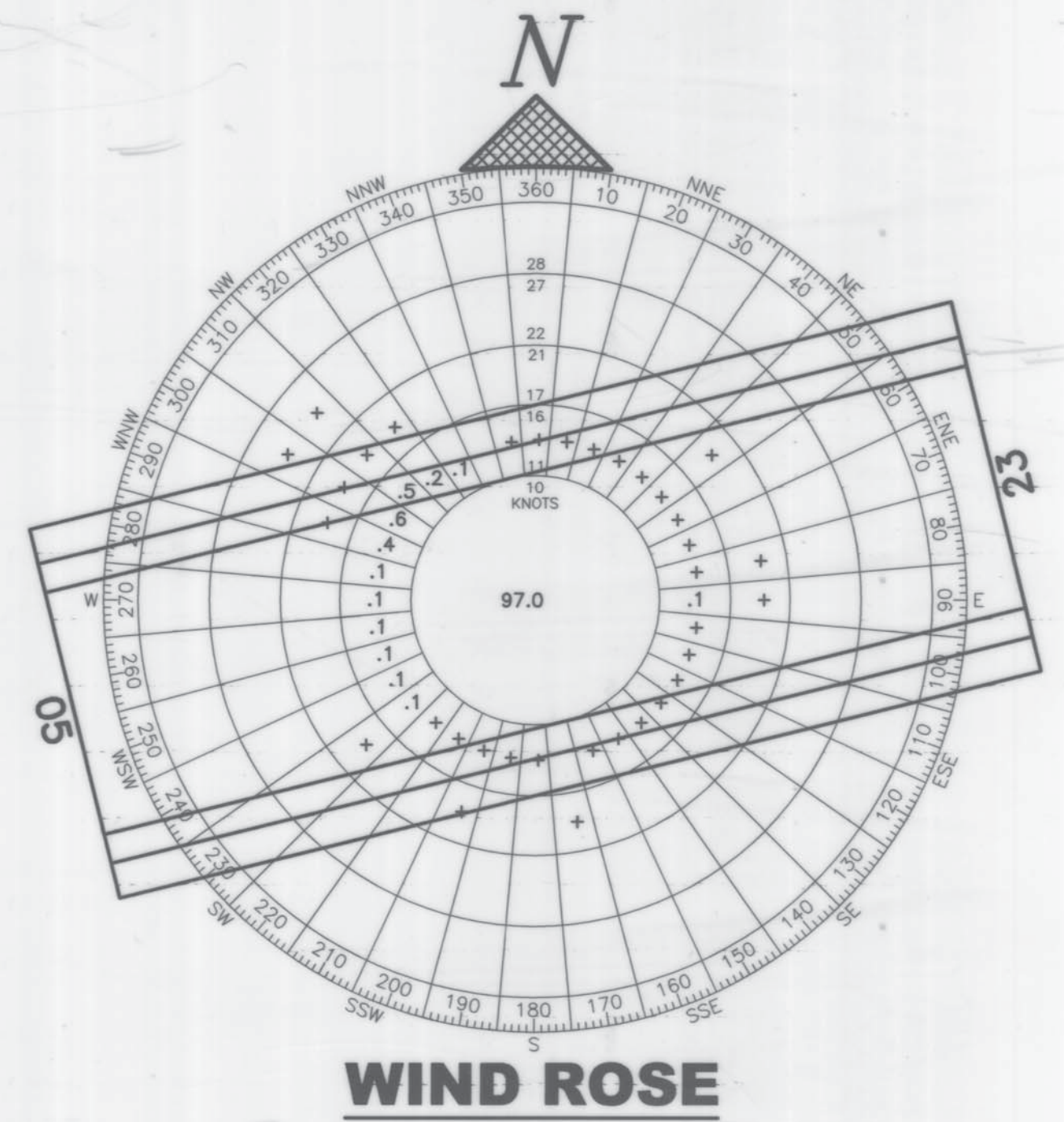
LEGEND		
ITEM	EXISTING	FUTURE
AIRPORT REFERENCE POINT (A.R.P.)		
BUILDINGS		
BUILDING RESTRICTION LINE		BRL
CONTOURS	100	SAME
FENCING	---	---
LEASE LOT LINES	---	SAME
MONUMENT	⊙	SAME
PROPERTY LINE	---	SAME
REIL	---	---
ROADWAYS	---	---
ROTATING BEACON	⊙	⊙
SECURITY GATE	⊙	SAME
SHORELINE	---	SAME
THRESHOLD LIGHTS	---	---
PAPI	---	---
WIND CONE	⊙	⊙
SEGMENTED CIRCLE	⊙	⊙

- NOTES:**
- IN NOVEMBER 2002, AN EARTHQUAKE RENDERED THE EXISTING 100' X 5,100' RUNWAY UNUSABLE. THE STATE OF ALASKA RESPONDED BY CONSTRUCTING A 100' X 3,300' GRAVEL SURFACED, TEMPORARY RUNWAY. THIS ALP DOES NOT DEPICT AN EXISTING RUNWAY BECAUSE THE EXISTING RUNWAY IS TEMPORARY.
 - NO OFZ OBJECT PENETRATIONS.
 - NO THRESHOLD SITING SURFACE OBJECT PENETRATIONS.
 - THE GEODETIC COORDINATES WERE CALCULATED FROM SURVEY CONTROL TIES TO GPS CONTROL MONUMENTS SET BY NGS. THE BASIS OF VERTICAL DATUM IS NAVD83. GEODETIC COORDINATES ARE NAD83.
 - THERE ARE NO NONSTANDARD CONDITIONS WITH THE FUTURE AIRPORT CONFIGURATION.

RUNWAY DATA		
ITEM	EXISTING	RUNWAY 5-23*
FAR PART 77 CATEGORY		OTHER THAN UTILITY-NPI
RUNWAY SURFACE		ASPHALT
PAVEMENT STRENGTH		SINGLE WHEEL (S) kg 34,020
		(lb.) 75,000
		DUAL WHEEL (D) kg 90,720
		(lb.) 200,000
DUAL TANDEM (DT)		kg 136,080
		(lb.) 300,000
RUNWAY TOUCHDOWN ZONE ELEVATION	RUNWAY 5 1713.0	RUNWAY 23 1713.0
EFFECTIVE GRADE		0.00%
% WIND COVERAGE (16 KNOTS)		99.96%
APPROACH SLOPE		RUNWAY 5 34:1
		RUNWAY 23 34:1
APPROACH / VISIBILITY MINIMUMS		RUNWAY 5 >=3/4 MILE
		RUNWAY 23 >=3/4 MILE
RUNWAY MARKING		NPI
RUNWAY LIGHTING		MIRL
NAVIGATION APPROACH AIDS		PAPI, REIL, GPS
RUNWAY DIMENSION		100' x 5100'
RUNWAY SAFETY AREA (RSA)		
- WIDTH		300'
- LENGTH BEYOND RUNWAY END		600'
RUNWAY OBJECT FREE AREA (ROFA)		
- WIDTH		800'
- LENGTH BEYOND RUNWAY END		800'
RUNWAY OBSTACLE FREE ZONE (ROFZ)		
- WIDTH		400'
- LENGTH BEYOND RUNWAY END		200'
TAXIWAY WIDTH		50'
TAXIWAY SAFETY AREA (TSA) WIDTH		118'
RUNWAY PROTECTION ZONE (RPZ)		1510'x1700'x1000'
GEODETIC POSITIONS (NAD 83)		
THRESHOLD 5 - STA. 100+00.00	LAT. 62°57'34.19"N	
	LONG. 141°56'34.60"W	
THRESHOLD 23 - STA. 151+00.00	LAT. 62°57'46.26"N	
	LONG. 141°54'47.56"W	

*THE EXISTING RUNWAY END NUMBERS DESIGNATION IS 4-22, BECAUSE THE MAGNETIC DECLINATION HAS CHANGED SUFFICIENTLY, THE NEW RUNWAY IS DESIGNATED AS 5-23.

AIRPORT DATA	
ITEM	FUTURE
AIRPORT IDENTIFIER ICAO/U.S.	PART/ORT
AIRPORT ELEVATION (NAVD83)	1713'
AIRPORT REFERENCE POINT (A.R.P.) - NAD 83	LAT. 62°57'40.23"N
	LONG. 141°55'41.08"W
FUTURE STA. 125+50.00	
MEAN MAX. TEMPERATURE, HOTTEST MONTH (JULY)	69° (EST.)
AIRPORT AND TERMINAL NAVIGATION AIDS	VORTAC, DME, NDB, ASOS
AIRPORT REFERENCE CODE (ARC)	B-III
AIRPORT LIGHTING	BEACON
TAXIWAY LIGHTING	M.I.T.L.
MAGNETIC DECLINATION, SEPT. 2005	N/A

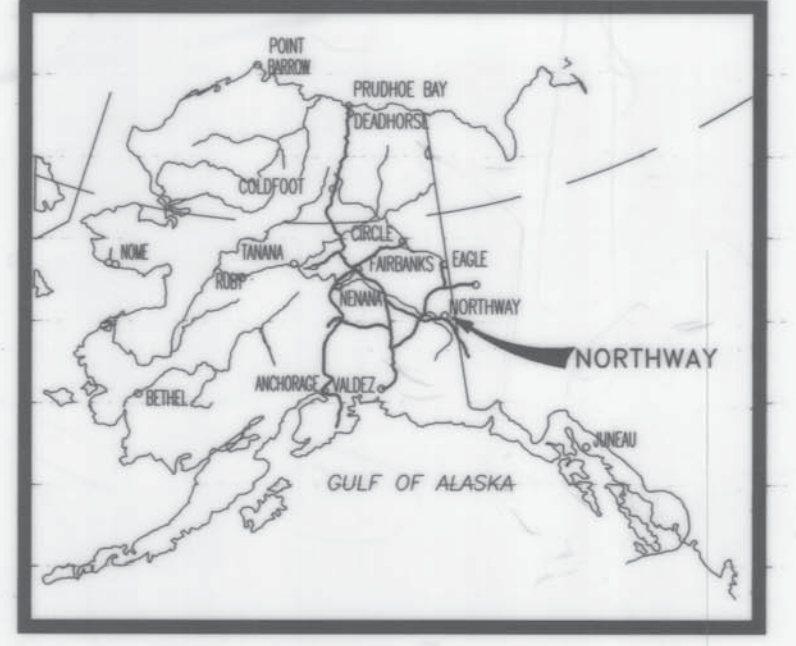


WIND ROSE

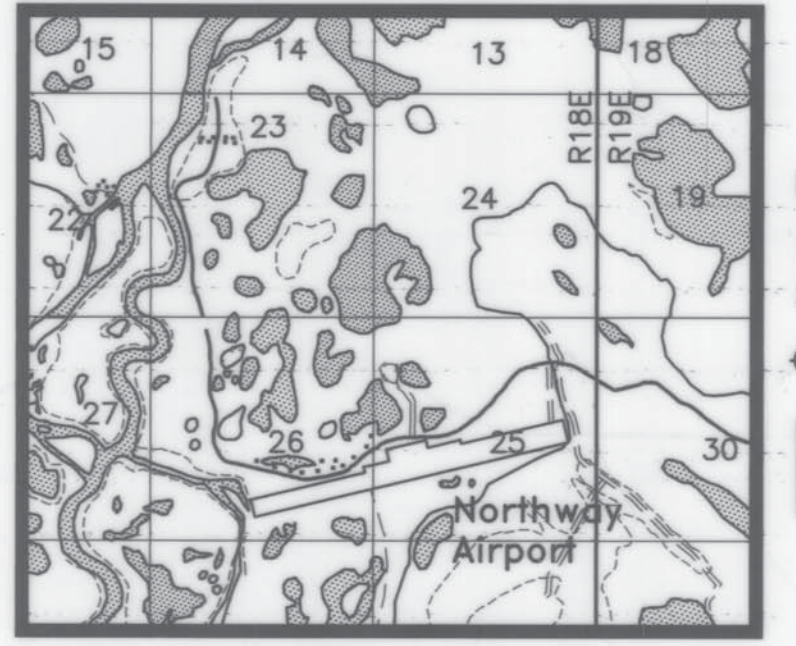
WIND DATA

CROSSWIND COMPONENT	WIND COVERAGE	AIRPORT REFERENCE CODE
10.5 KNOTS	98.99%	A-I & B-I
13.0 KNOTS	99.68%	A-II & B-II
16.0 KNOTS	99.96%	A-III, B-III, & C-I THROUGH D-III

WIND DATA PERIOD: JAN 1998 - DEC 2003
 SOURCE: WESTERN REGION CLIMATE CENTER



LOCATION MAP
NO SCALE



VICINITY MAP
S 25 & 26, T 14 N, R 18 E
USGS NABESNA (D-2)

DESIGN EJC
 DRAWN SMT
 CHECKED ZWS

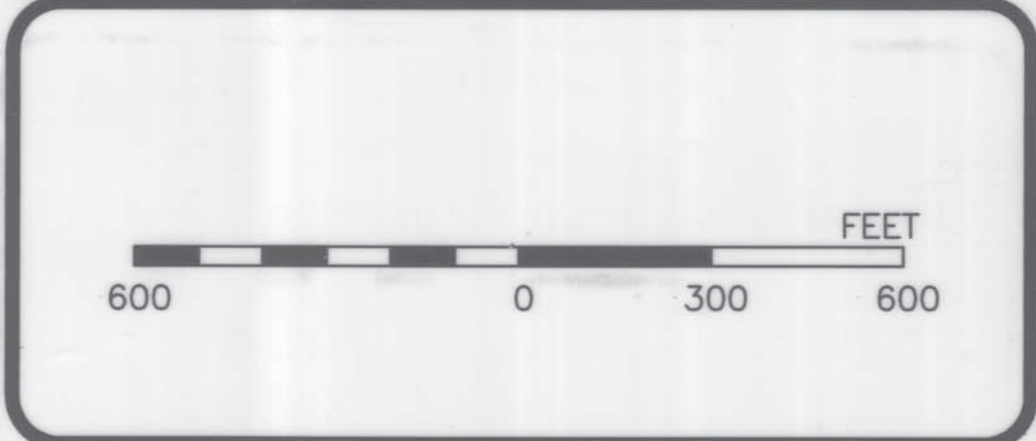
BY	DATE	REVISIONS

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
 NORTHERN REGION

APPROVED *Patricia D. Miller* DATE *10/24/05*
 PATRICIA D. MILLER, P.E. DESIGN GROUP CHIEF

AIRPORT LAYOUT PLAN APPROVED
 BY LETTER DATED: *10/27/05*

J. M. Smith
 AIRPORTS DIVISION,
 ALASKAN REGION, AAL-601
 AIRSPACE REVIEW #05AAL-6NRA

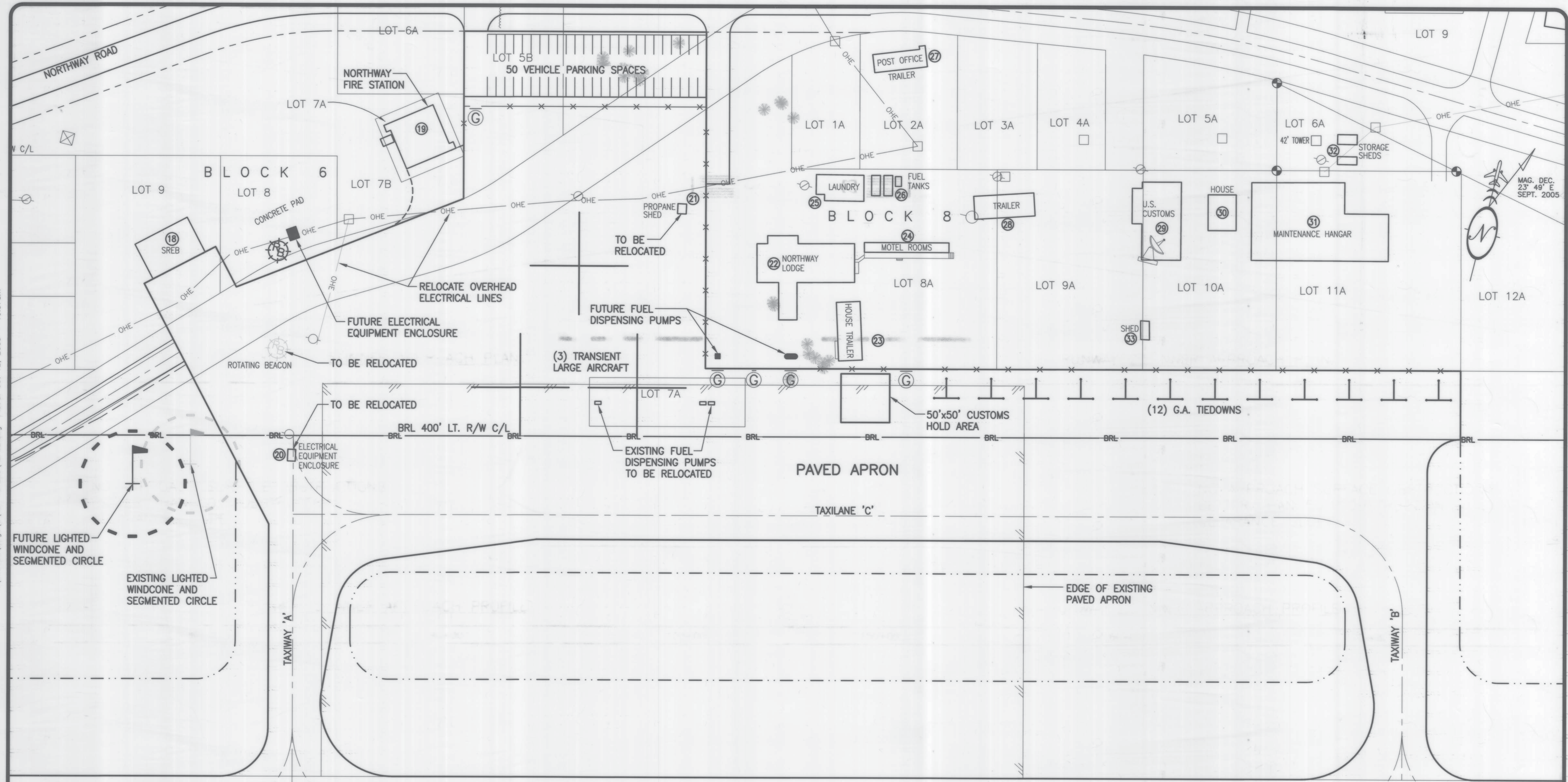


NORTHWAY AIRPORT
 AIRPORT LAYOUT PLAN

SHEET
 1 OF 4

EPN 24
 10-27-05
 Northway Terminal Area Plan 2/4

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BUILDING DATA TABLE					
#	STRUCTURE NAME	TOP ELEV.	OBSTRUCTION MARKING (Y/N)		REMARKS
			EXISTING	FUTURE	
18	SREB	1730.32	N	N	NO AIRSPACE PENETRATION
19	NORTHWAY FIRE STATION	1734.12	N	N	NO AIRSPACE PENETRATION
20	ELEC. EQUIP. ENCLOSURE	1718.14	N	N	NO AIRSPACE PENETRATION
21	PROPANE SHED	1747.40	N	N	NO AIRSPACE PENETRATION
22	NORTHWAY LODGE	1728.24	N	N	NO AIRSPACE PENETRATION
23	HOUSE TRAILER	1724.08	N	N	NO AIRSPACE PENETRATION
24	MOTEL ROOMS	1717.92	N	N	NO AIRSPACE PENETRATION
25	LAUNDROMAT	1718.11	N	N	NO AIRSPACE PENETRATION

BUILDING DATA TABLE					
#	STRUCTURE NAME	TOP ELEV.	OBSTRUCTION MARKING (Y/N)		REMARKS
			EXISTING	FUTURE	
26	FUEL TANKS	1716.50	N	N	NO AIRSPACE PENETRATION
27	POST OFFICE TRAILER	1722.82	N	N	NO AIRSPACE PENETRATION
28	TRAILER	1720.20	N	N	NO AIRSPACE PENETRATION
29	U.S. CUSTOMS	1721.64	N	N	NO AIRSPACE PENETRATION
30	HOUSE	1727.58	N	N	NO AIRSPACE PENETRATION
31	MAINTENANCE HANGAR	1727.70	N	N	NO AIRSPACE PENETRATION
32	STORAGE SHEDS	1716.71	N	N	NO AIRSPACE PENETRATION
33	SHED	1718.00	N	N	NO AIRSPACE PENETRATION

TAXIWAY DATA TABLE	
TAXIWAY/TAXILANE WIDTH	50'
TAXIWAY/TAXILANE SAFETY AREA WIDTH	120'
TAXIWAY OBJECT FREE AREA WIDTH	186'
TAXILANE OBJECT FREE AREA WIDTH	162'

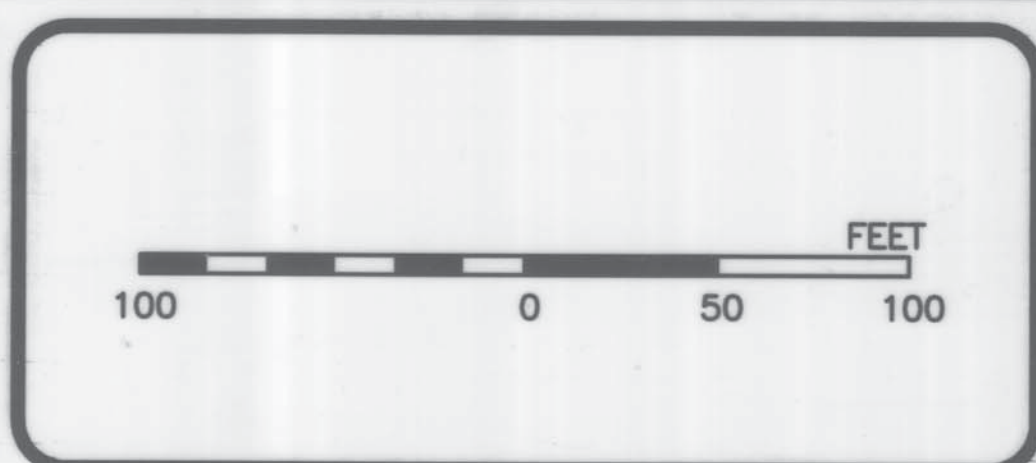
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DRAWN	SMT		
CHECKED	ZWS		
BY	DATE	REVISIONS	

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
 NORTHERN REGION

APPROVED: *Patricia D. Miller*
 PATRICIA D. MILLER, P.E.

DATE: 10/24/05
 DESIGN GROUP CHIEF

AIRPORT LAYOUT PLAN APPROVED
 BY LETTER DATED: 10/27/05
[Signature]
 AIRPORTS DIVISION,
 ALASKAN REGION, AAL-601
 AIRSPACE REVIEW #05AAL-6NRA

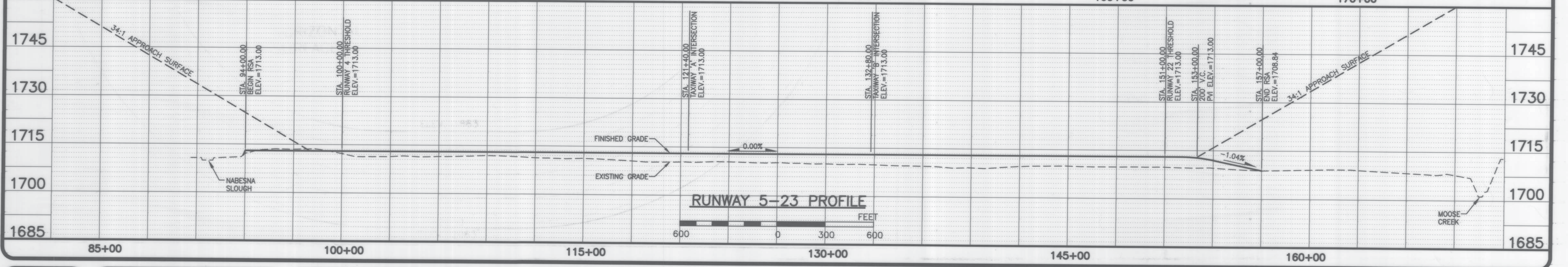
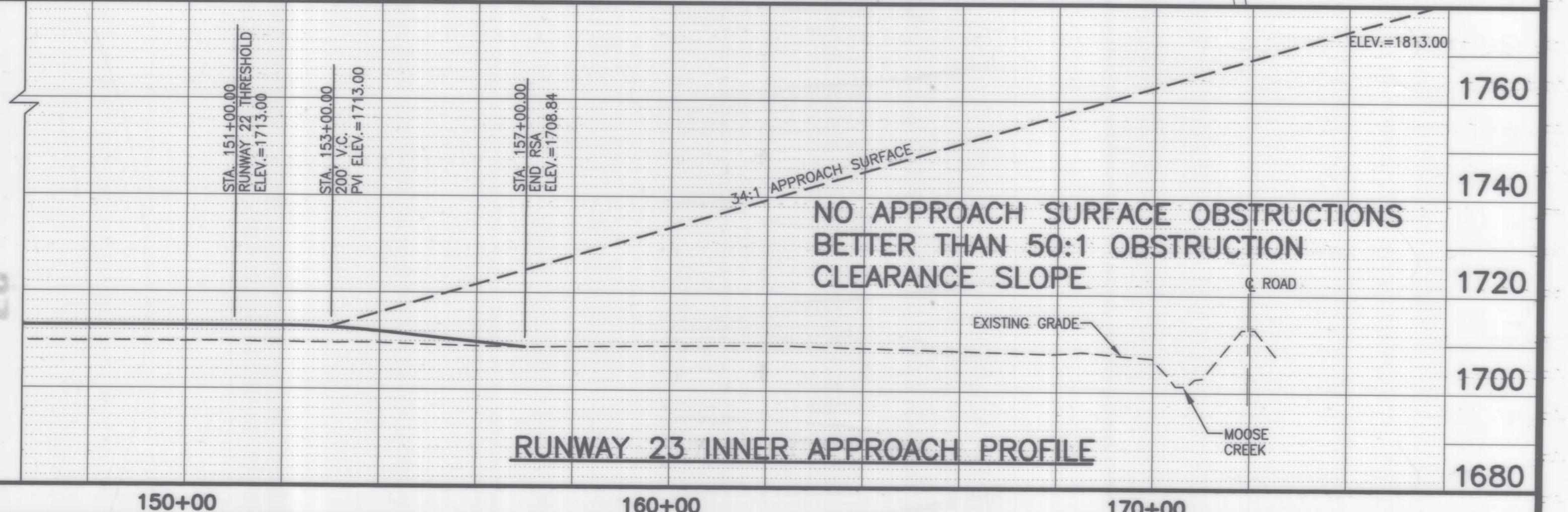
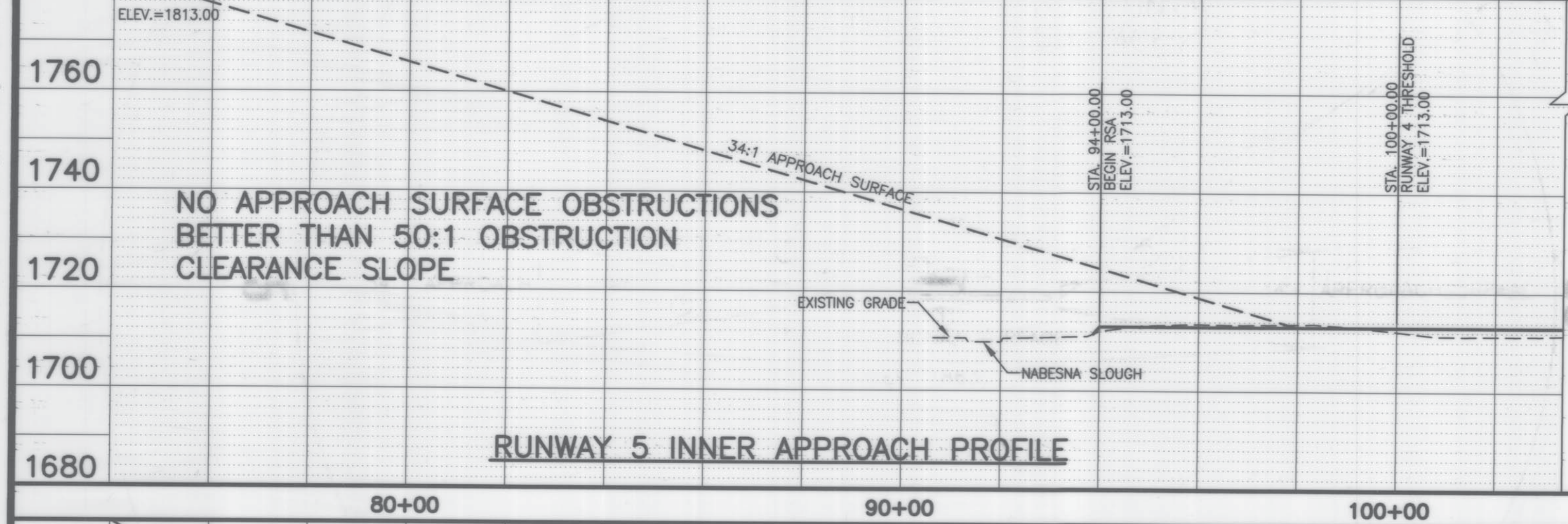
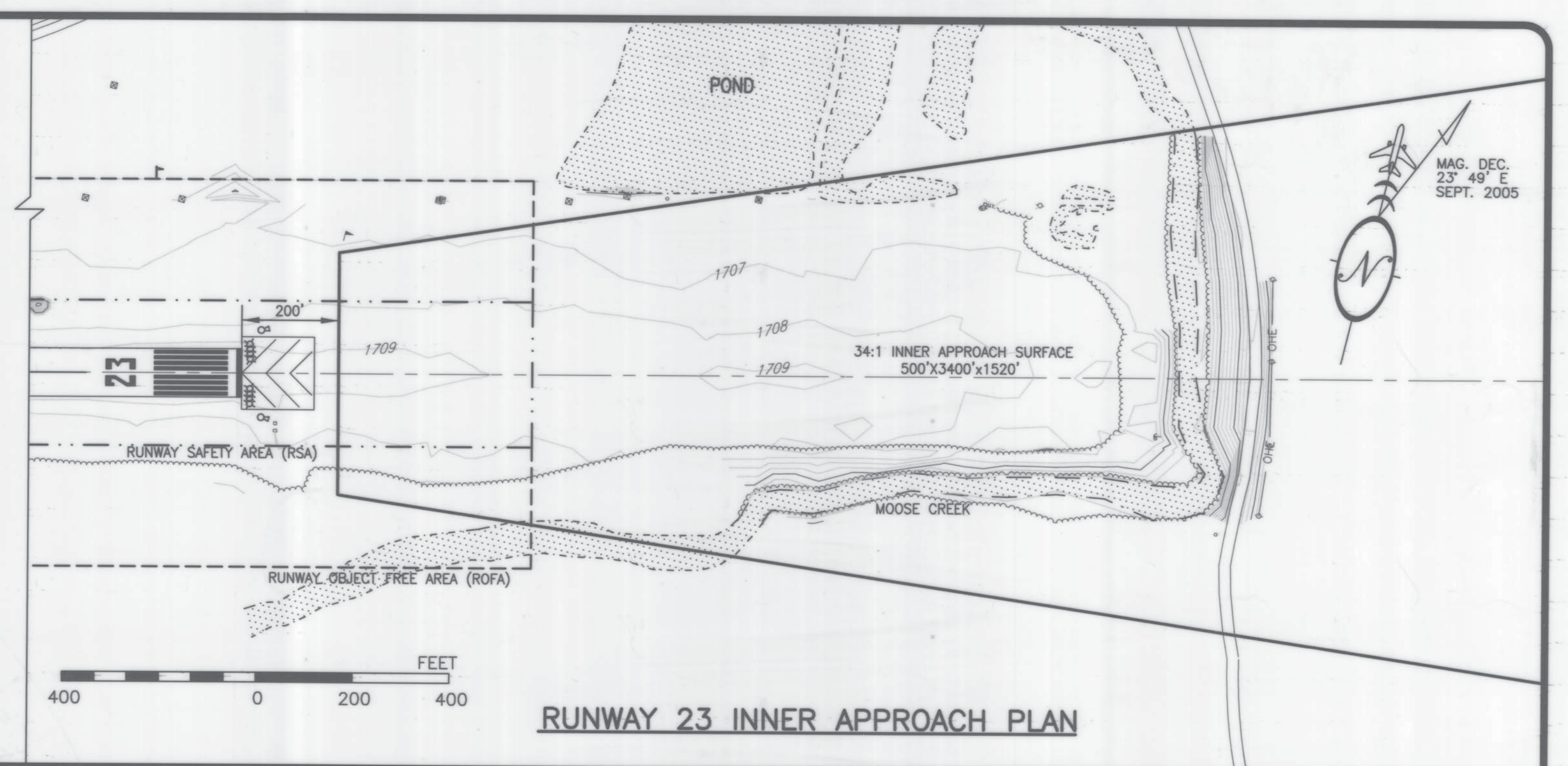
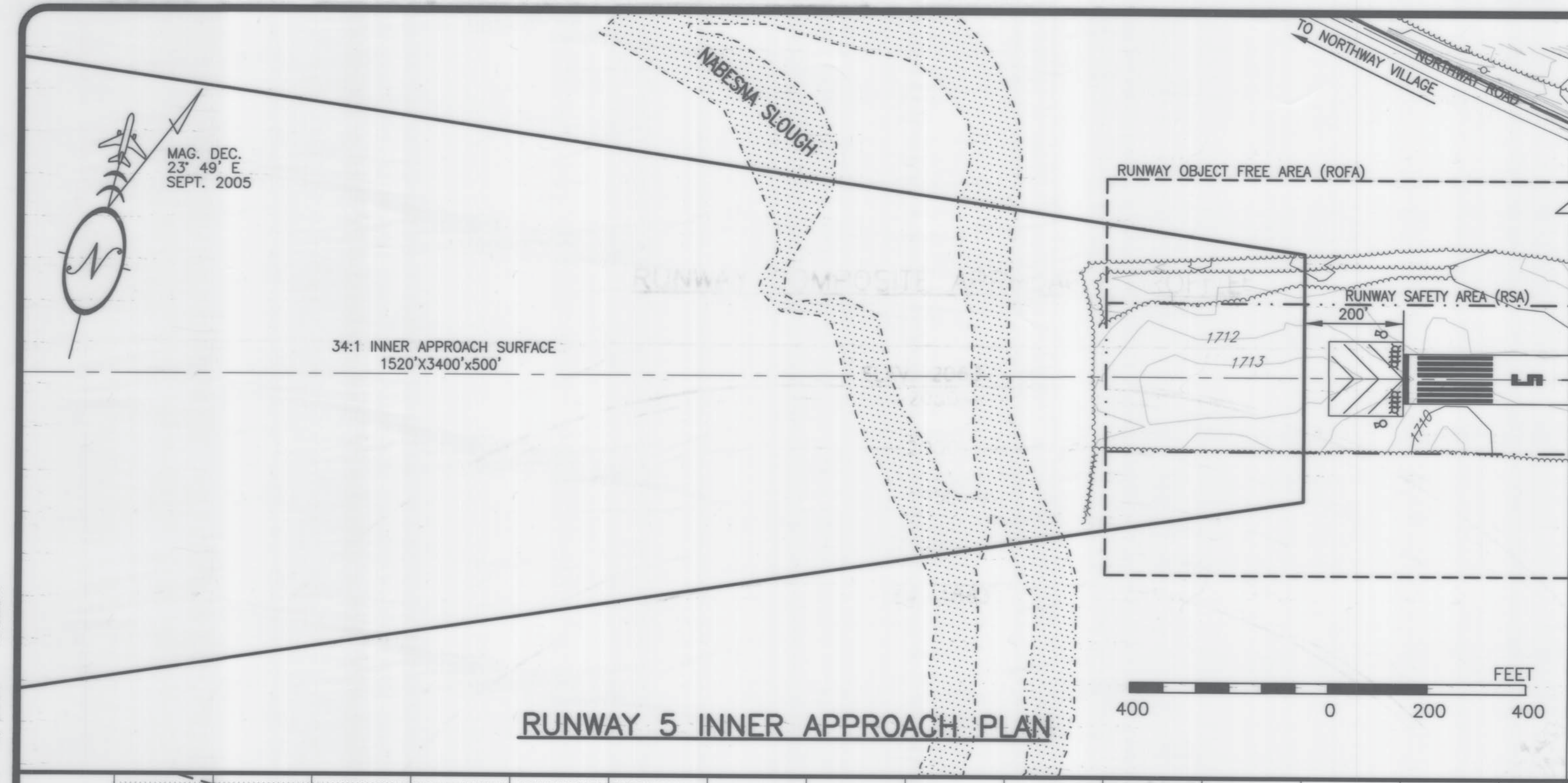


NORTHWAY AIRPORT
 TERMINAL AREA PLAN

SHEET
 2
 OF
 4

ESI FILE CORP. IRVINE, CA
 3/4
 10-27-05
 Inner portion of Approach/RW Profile

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DESIGN	EJG
DRAWN	SMT
CHECKED	ZWS

BY	DATE	REVISIONS

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
 NORTHERN REGION
 APPROVED: *Patricia D. Miller*
 PATRICIA D. MILLER, P.E. DATE: 10/24/05
 DESIGN GROUP CHIEF

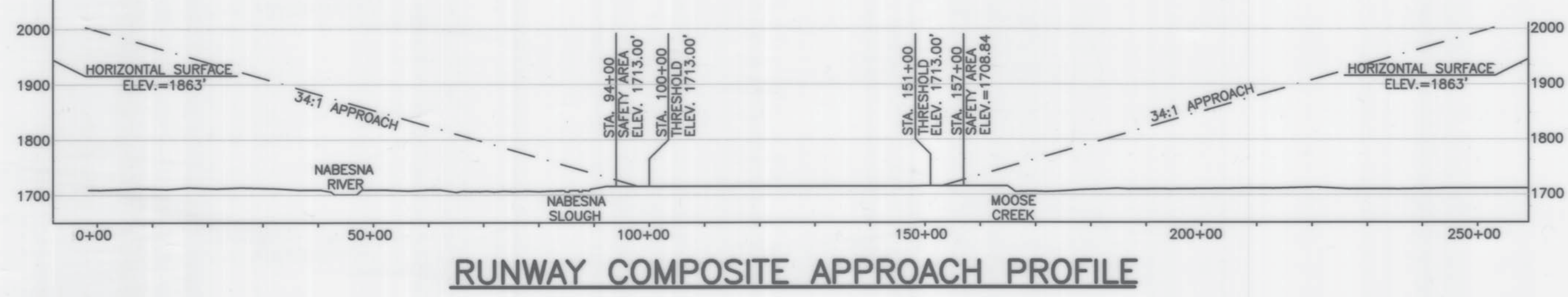
AIRPORT LAYOUT PLAN APPROVED
 BY LETTER DATED: 10/27/05
J.P. Smith
 AIRPORTS DIVISION,
 ALASKAN REGION, AAL-601
 AIRSPACE REVIEW #05AAL-6NRA

NORTHWAY AIRPORT
 INNER PORTION OF THE APPROACHES
 PLAN AND PROFILES AND
 RUNWAY PROFILE

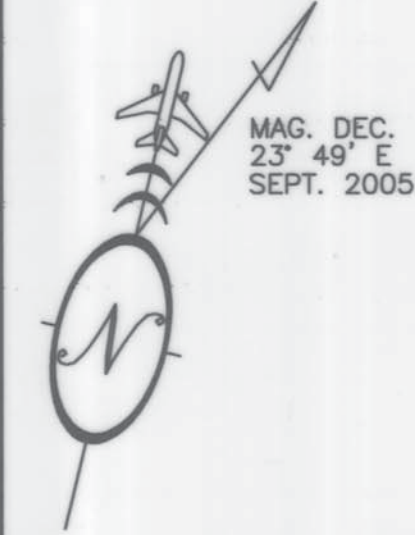
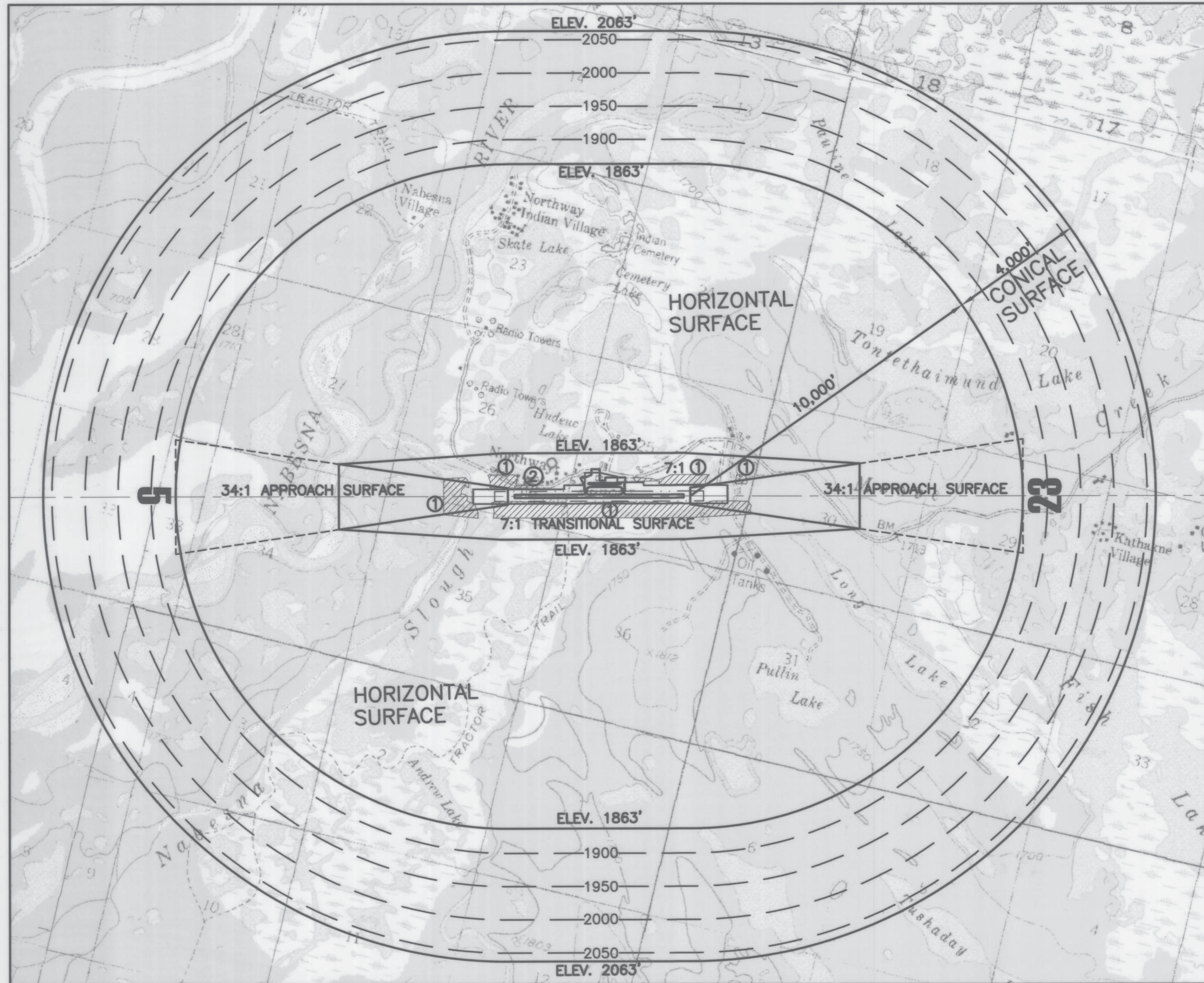
SHEET
 3
 OF
 4

EPI 84
 Northway 10-27-05 4/4
 Airspace & Composite Approach Profile

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RUNWAY COMPOSITE APPROACH PROFILE



OBSTRUCTION TABLE

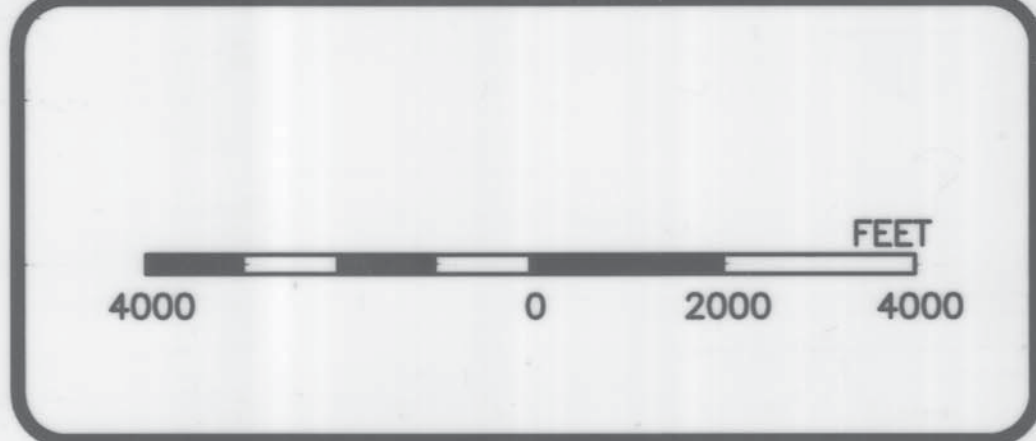
NO.	PENETRATION DISTANCE	DESCRIPTION	DISPOSITION OF OBSTRUCTION
①	57' MAXIMUM	TREES	TO BE REMOVED
②	9'±	NORTHWAY ROAD	RELOCATE ROAD

LEGEND:
 TREE OBSTRUCTIONS

DESIGN	EJG	BY	DATE	REVISIONS
DRAWN	SMT			
CHECKED	ZWS			

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
 NORTHERN REGION
 APPROVED *Patricia D. Miller* DATE *10/12/05*
 PATRICIA D. MILLER, P.E. DESIGN GROUP CHIEF

AIRPORT LAYOUT PLAN APPROVED
 BY LETTER DATED: *10/27/05*
[Signature]
 AIRPORTS DIVISION,
 ALASKAN REGION, AAL-601
 AIRSPACE REVIEW #05AAL-6NRA



NORTHWAY AIRPORT
 AIRSPACE AND COMPOSITE
 APPROACH PROFILES

SHEET
 4
 OF
 4