LOCATION MAP

NO SCALE

AIRPORT DATA

	EXISTING	ULTIMATE
NATIONAL AIRPORT IDENTIFIER = SVS		
AIRPORT ELEVATION (MSL)**	324.5'	324.5'
AIRPORT REFERENCE CODE	B-II	B-II
MEAN MAX. TEMP. HOTTEST MONTH (JULY)	72.0° F	72.0° F
TAXIWAY LIGHTING	MITL	MITL
RAMP LIGHTING	FLOODLIGHT	FLOODLIGHT
AIRPORT AND TERMINAL NAVAIDS	ROTATING BEACON PAPI REIL GPS	ROTATING BEACON PAPI REIL GPS
COMMUNICATION AIDS	NONE	NONE
WEATHER FACILITIES	NONE	AWOS

AIRPORT SURVEY CONTROL

POINT	NAD 83 LATITUDE (N)	NAD 83 LONGITUDE (W)	ALASKA STATE PLANE ZONE 4 (ft) NAVD 88 NORTHING	EASTING	ELEVATION	LOCAL COORDINATES NORTHING	EASTING	R/W STA	OFFSET
3000	66°00'53.578"	149°03'12.033"	4392291.26	1781335.27	305.32	4392291.26	1781335.27	118+70.24	840.97 RT
3001	66°00'44.269"	149°03'44.114"	4391325.44	1780022.95	301.63	4391325.35	1780022.83	103+06.73	1300.23RT
7085	66°01'14.374"	149°01'46.602"	4394458.12	1784835.91		4394458.32	1784835.20	159+00.01	0.37 RT
7187	66°00'49.243"	149°04'44.828"	4391793.65	1777504.92		4391793.59	1777504.55	81+00.06	0.38 LT

RUNWAY DATA

	RUNWAY 05/23 EXISTING	ULTIMATE
INSTRUMENT RUNWAY	NON-PRECISION	LPV
% WIND COVERAGE (15MPH)	99.18%	99.18%
RUNWAY SURFACE TYPE	GRAVEL	GRAVEL
PAVEMENT STRENGTH	N/A	N/A
EFFECTIVE GRADIENT	0.15%	0.15%
APPROACH SURFACES	NPI > 1 MILE: 34:1	LPV > 1 MILE: 34:1
APPROACH VISIBILITY MINIMUMS	≥ 1 MILE	≥ 1 MILE
RUNWAY LIGHTING	MIRL	MIRL
RUNWAY MARKING	NONE	NONE
VISUAL APPROACH AIDS	PAPI	PAPI REIL
R/W DIMENSIONS	4000'x75'	4000'x75'
R/W SAFETY AREA	4600'x150'	4600'x150'
R/W OBJECT FREE AREA (ROFA)	4600'x500'	4600'x500'
R/W OBSTACLE FREE ZONE (ROFZ)	4400'x400'	4400'x400'
R/W PROTECTION ZONE (RPZ)	1700'x1010'x500'	1700'x1010'x500'
R/W 05 TOUCHDOWN ZONE ELEV.	324.5'	324.5'
R/W 23 TOUCHDOWN ZONE ELEV.	324.5'	324.5'
AIRPORT REFERENCE POINT (ARP)	STA. 120+00	STA. 120+00
(NAD 83)	LAT. 66°01'01.82"N	SAME
	LONG. 149°03'15.73"W	SAME
THRESHOLD 05	STA. 100+00	STA. 100+00
	LAT. 66°00'55.37"N	SAME
	LONG. 149°04'01.43"W	SAME
THRESHOLD 23	STA. 140+00	STA. 140+00
	LAT. 66°01'08.26"N	SAME
	LONG. 149°02'30.02"W	SAME

LEGEND

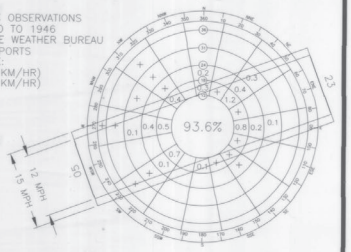
	EXISTING	ULTIMATE
PROPERTY LINE		
BUILDING RESTRICTION LINE (B.R.L.)		B.R.L.
DEVELOPMENT		
WIND CONE & SEGEMENTED CIRCLE		
BUILDINGS		
ROADWAYS		
AIRPORT REFERENCE POINT	SHORELINE/WATERLINE	
ROTATING BEACON	ULTIMATE TREELINE	
ANTENNAE/TOWERS	THRESHOLD	
PAPI	OVERHEAD POWER LINES — OH —	
MONUMENT	RUNWAY SAFETY AREA R.S.A.	
	BUILDING RESTICTION LINE B.R.L.	
EXISTING CONTOUR (4' INTERVAL)	1660	

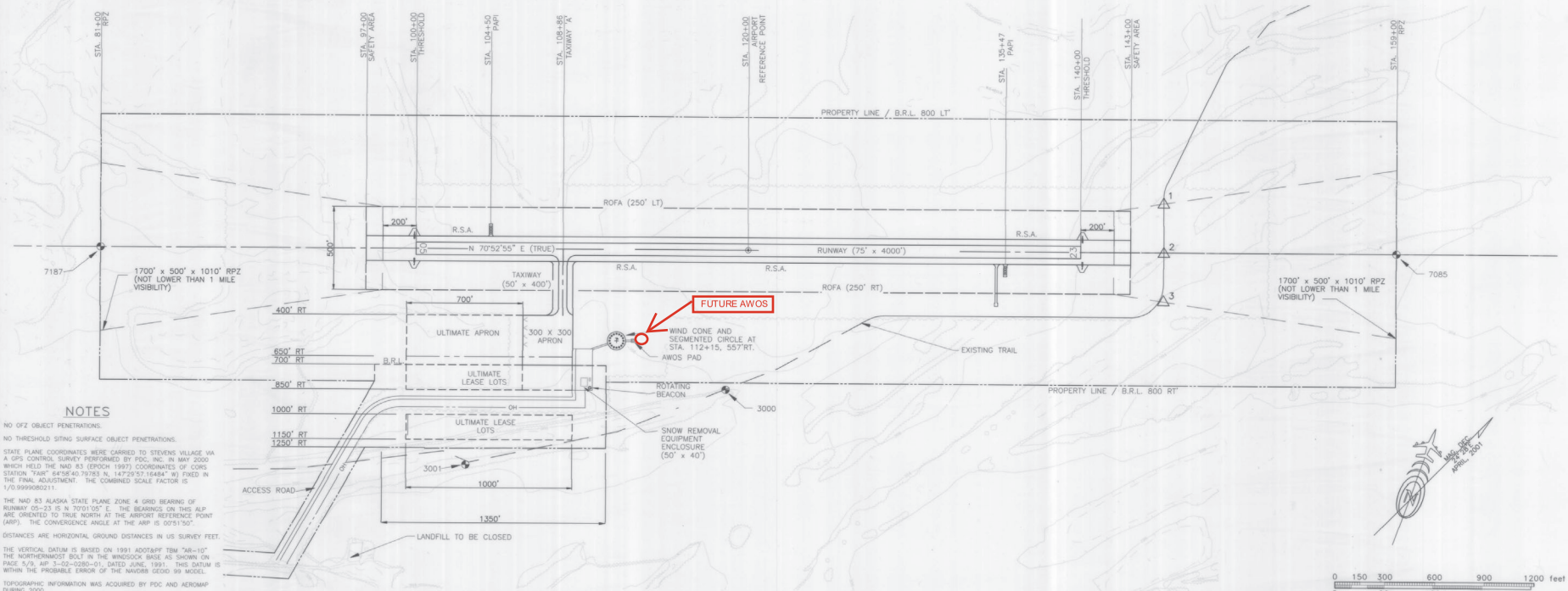
TAXIWAY DATA

	RUNWAY 05/23 EXISTING	ULTIMATE
T/W DIMENSIONS	400'x50'	400'x50'
T/W SAFETY AREA	400'x120'	400'x120'
T/W OBJECT FREE AREA (TOFA)	400'x186'	400'x186'
T/W IS BASED ON DESIGN GROUP III		

WIND ROSE FOR STEVENS VILLAGE

+ INDICATES LESS THAN 0.1% OBSERVATIONS
PERIOD OF RECORD 1940 TO 1946
U.S. DEPARTMENT OF AGRICULTURE WEATHER BUREAU
AIRWAY WEATHER REPORTS
WIND COVERAGE:
98.5% 12MPH (19.31 KM/HR)
99.2% 15MPH (24.14 KM/HR)





NOTES

1. NO OFZ OBJECT PENETRATIONS.
2. NO THRESHOLD SITING SURFACE OBJECT PENETRATIONS.
3. STATE PLANE COORDINATES WERE CARRIED TO STEVENS VILLAGE VIA A GPS CONTROL SURVEY PERFORMED BY PDC, INC. IN MAY 2000 WHICH HELD THE NAD 83 (EPOCH 1997) COORDINATES OF CORS STATION "FAIR" 64°58'40.79783 N, 147°29'57.16484" W) FIXED IN THE FINAL ADJUSTMENT. THE COMBINED SCALE FACTOR IS 1/0.9999080231.
4. THE NAD 83 ALASKA STATE PLANE ZONE 4 GRID BEARING OF RUNWAY 05-23 IS N 70°01'05" E. THE BEARINGS ON THIS ALP ARE ORIENTED TO TRUE NORTH AT THE AIRPORT REFERENCE POINT (ARP). THE CONVERGENCE ANGLE AT THE ARP IS 00°51'50".
5. DISTANCES ARE HORIZONTAL GROUND DISTANCES IN US SURVEY FEET.
6. THE VERTICAL DATUM IS BASED ON 1991 ADOT&PF TBM "AR-10" THE NORTHERNMOST BOLT IN THE WINDSOCK BASE AS SHOWN ON PAGE 5/9, AIP 3-02-0280-01, DATED JUNE, 1991. THIS DATUM IS WITHIN THE PROBABLE ERROR OF THE NAVD88 GEOID 99 MODEL.
7. TOPOGRAPHIC INFORMATION WAS ACQUIRED BY PDC AND AEROMAP DURING 2000.

0 150 300 600 900 1200 feet
0 90 180 270 360 meters

V:\AK\LIAP\STEVENS VILLAGE\2008 As-Built ALP\ALP1 2008 Asbuilt-Layout1

DESIGN KAR/RJP
DRAWN RJP/GDS
CHECKED RLC

BY	DATE	REVISIONS
	3-17-26	FUTURE AWOS
	12/30/08	AS-BUILT
	7/10/01	FAA APPROVED

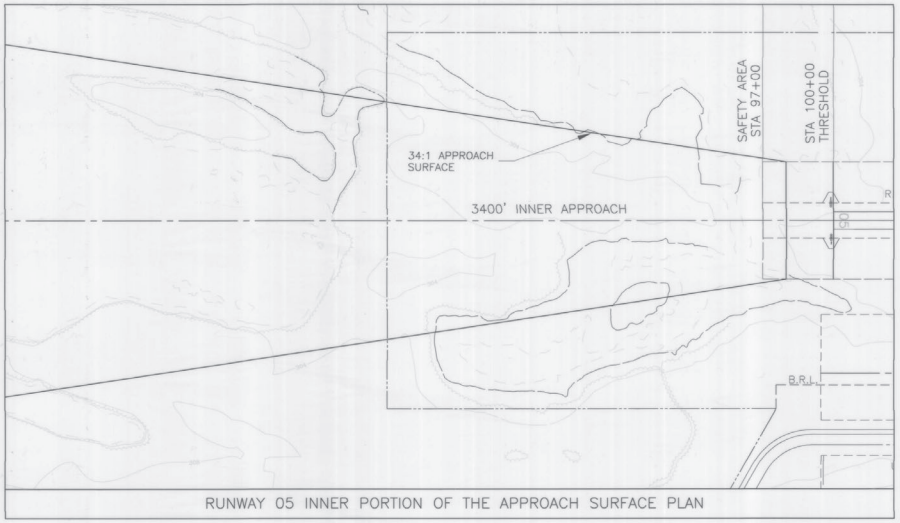
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
NORTHERN REGION-DESIGN AND CONSTRUCTION-AVIATION
APPROVED Cindie Little DATE 1/14/09
CINDIE LITTLE P.E. DESIGN GROUP CHIEF

AIRPORT LAYOUT PLAN APPROVED
BY LETTER DATED: 1/22/09
AIRPORTS DIVISION, AAL-610
ALASKAN REGION 01AAL-010NRA

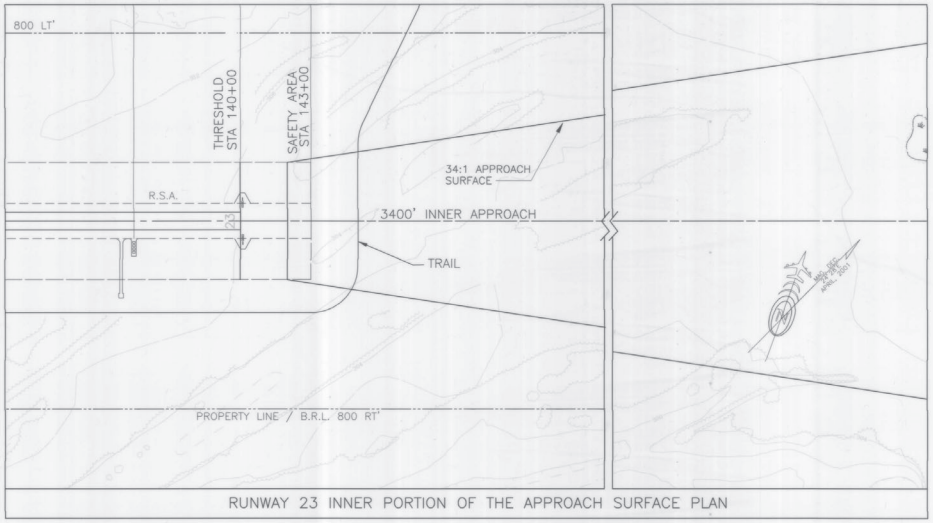
THIS ALP SUPERSEDES ALP SIGNED 7/10/01.
THIS ALP IS BASED ON THE AS-BUILTS DATED 11/28/08 STEVENS VILLAGE AIRPORT RELOCATION STAGE II, 61956.

STEVENS VILLAGE AIRPORT
AIRPORT LAYOUT PLAN

SHEET 1 OF 4



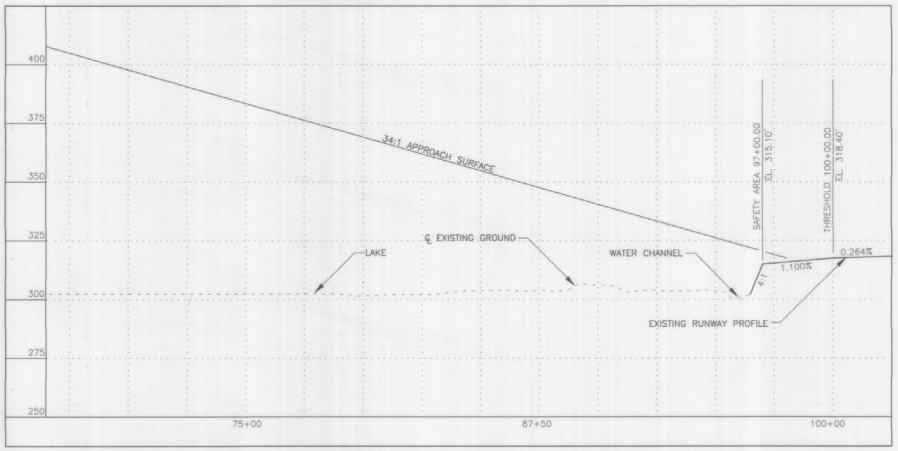
RUNWAY 05 INNER PORTION OF THE APPROACH SURFACE PLAN



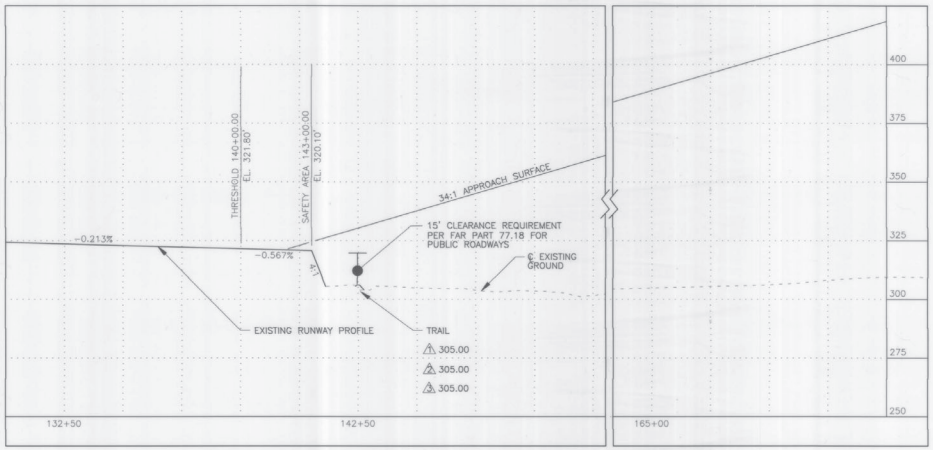
RUNWAY 23 INNER PORTION OF THE APPROACH SURFACE PLAN

NOTES: MAPPING SHOWN, IS FROM CONTROLLED AERIAL PHOTOGRAPHY FLOWN MAY, 2000.

0 125 250 500 750 1000 feet
0 75 150 225 300 meters



RUNWAY 05 INNER PORTION OF THE APPROACH SURFACE PROFILE



RUNWAY 23 INNER PORTION OF THE APPROACH SURFACE PROFILE

V:\Art_NAPS\STEVENS VILLAGE_2008 As-Built ALP\ALP2 2008 Asbuilt-Layout1

DESIGN KAR,RJP
DRAWN RJP/GDS
CHECKED RLC

BY	DATE	REVISIONS
	12/30/08	AS-BUILT
	7/10/01	FAA APPROVED

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
NORTHERN REGION–DESIGN AND CONSTRUCTION–AVIATION
APPROVED Cindie Little DATE 1/14/09
CINDIE LITTLE P.E. DESIGN GROUP CHIEF

AIRPORT LAYOUT PLAN APPROVED
BY LETTER DATED: 1/22/09
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ALASKAN REGION 01AAL-010NRA

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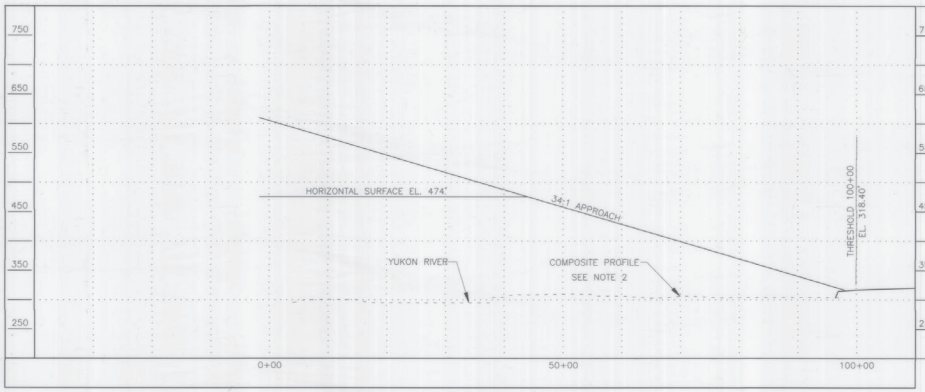
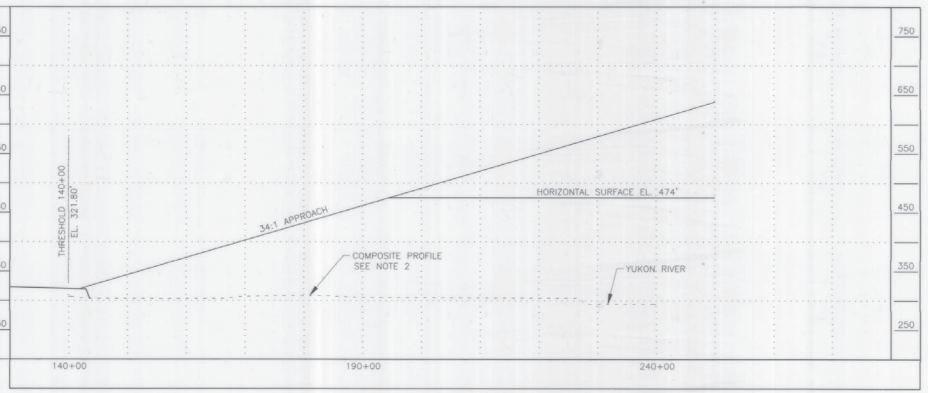
STEVENS VILLAGE AIRPORT
INNER PORTION OF APPROACH SURFACES
AIRPORT LAYOUT PLAN

SHEET 2 OF 4



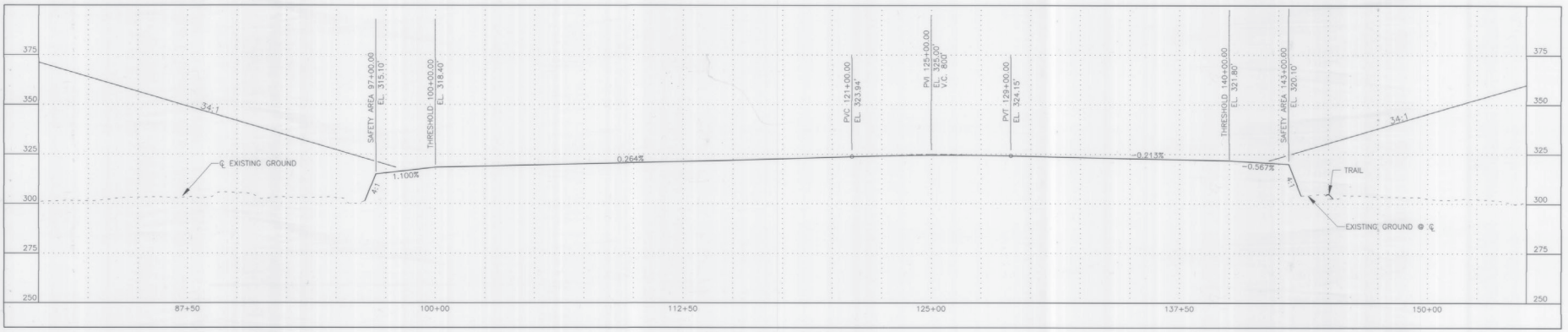
RUNWAY 05 APPROACH PROFILE



RUNWAY 23 APPROACH PROFILE

NOTES: 1. SEE SHEET 4 OF 5 FOR AIRSPACE PLAN.

2. THE EXISTING GROUND PROFILE ALONG THE EXTENDED RUNWAY CENTERLINE REPRESENTS THE COMPOSITE PROFILE BASED ON THE HIGHEST TERRAIN ACROSS THE WIDTH AND ALONG THE LENGTH OF THE APPROACH SURFACE.



RUNWAY 05-23 PROFILE

V:\Avn\1ALP\STEVENS VILLAGE\2008 As-Built ALP\ALP3 2008 Asbuilt-Layout1

DESIGN KAR,RJP

DRAWN RJP/GDS

CHECKED RLC

BY	DATE	REVISIONS
	12/30/08	AS-BUILT
	7/10/01	FAA APPROVED

STATE OF ALASKA

DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

NORTHERN REGION-DESIGN AND CONSTRUCTION-AVIATION

APPROVED Cindie Little DATE 1/14/09

CINDIE LITTLE P.E. DESIGN GROUP CHIEF

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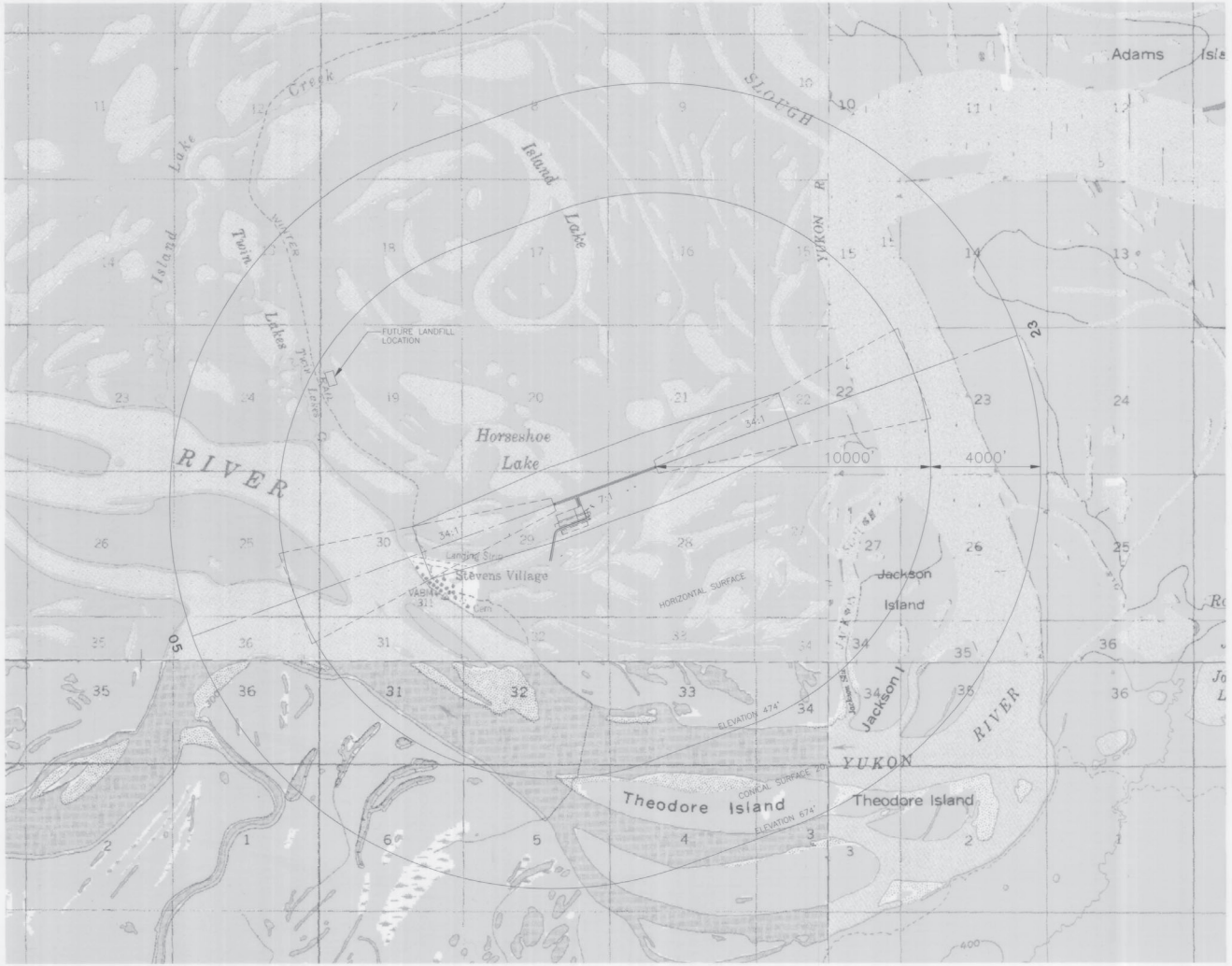
STEVENS VILLAGE AIRPORT

RUNWAY AND APPROACH PROFILES

AIRPORT LAYOUT PLAN

SHEET 3 OF 4



RUNWAY 05 THRESHOLD ELEVATION = 318.4'
RUNWAY 23 THRESHOLD ELEVATION = 321.8'
AIRPORT ELEVATION = 324.5'

0 1500 2000 4000 6000 8000 feet
0 900 1800 2700 3600 meters

V:\Arc\ALP\STEVENS VILLAGE\2008 As-Built ALP\ALP4 2008 Asbuilt-Layout1

DESIGN KAR
DRAWN RJP
CHECKED RLC

BY	DATE	REVISIONS
	12/30/08	AS-BUILT
	7/10/01	FAA APPROVED

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DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
NORTHERN REGION–DESIGN AND CONSTRUCTION–AVIATION

APPROVED Cindie Little
CINDIE LITTLE P.E. DESIGN GROUP CHIEF
DATE 1/14/09

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STEVENS VILLAGE AIRPORT
AIRSPACE AND OBSTRUCTIONS
AIRPORT LAYOUT PLAN

SHEET 4 OF 4