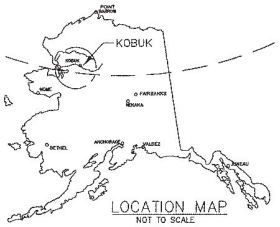
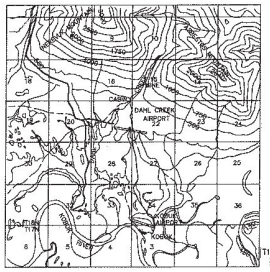


LOCATION MAP
NOT TO SCALE



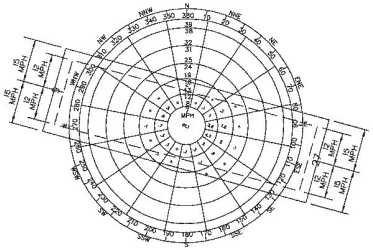
VICINITY MAP
NOT TO SCALE
T18N, R9E, KATEEL RIVER MERIDIAN
SHUNGNAK QUADRANGLE, 1955

WIND ROSE WIND DATA

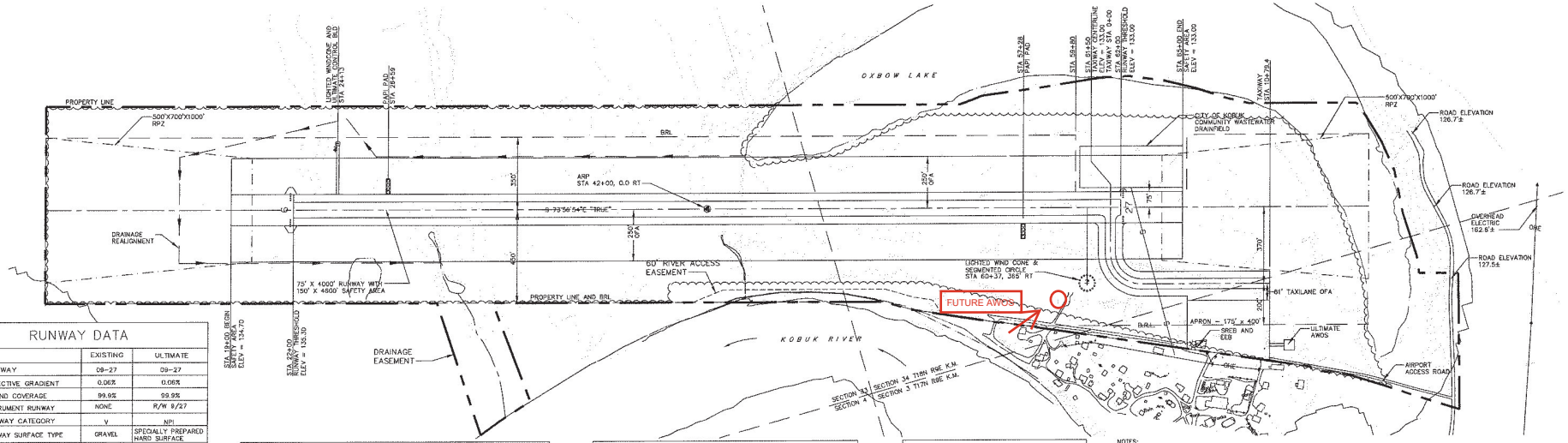
12 MPH	99.8%
15 MPH	99.9%

PERCENT WIND COVERAGE
WIND DATA PERIOD:
MAY 2002 – MARCH 2003

WIND DATA SOURCE:
UNIVERSITY OF ALASKA, FAIRBANKS
KOBUK, AK



MAG. DEC.
19° 12' E
1/05



RUNWAY DATA

	EXISTING	ULTIMATE
RUNWAY	09–27	09–27
EFFECTIVE GRADIENT	0.06%	0.06%
% WIND COVERAGE	99.9%	99.9%
INSTRUMENT RUNWAY	NONE	R/W 9/27
RUNWAY CATEGORY	V	NPI
RUNWAY SURFACE TYPE	GRAVEL	SPECIALLY PREPARED HARD SURFACE
PAVEMENT STRENGTH	N/A	N/A
VISIBILITY MINIMUM	≥1 MILE	≥1 MILE
RUNWAY LIGHTING	MIRL	MIRL
RUNWAY MARKING	NONE	NONE
NAVIGATION AIDS	ROT. BEACON	GPS ROT. BEACON, PAPI, REIL
RUNWAY 9 THRESHOLD LONG.	156°53'50.398"	156°53'50.398"
RUNWAY 9 THRESHOLD LAT.	66°54'49.864"	66°54'49.864"
RUNWAY 27 THRESHOLD LONG.	156°54'38.580"	156°54'38.580"
RUNWAY 27 THRESHOLD LAT.	66°54'38.986"	66°54'38.986"
RUNWAY 27 THRESHOLD LONG.	156°53'02.225"	156°53'02.225"
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'
T/W WIDTH	50'	50'
T/W SAFETY AREA WIDTH	120'	120'
T/W OBJECT FREE AREA WIDTH	186'	186'
TAXILANE OBJECT FREE AREA WIDTH	162'	162'

AIRPORT DATA

	EXISTING	ULTIMATE
AIRPORT ELEVATION (MSL)	137.3'	137.3'
AIRPORT REFERENCE CODE	B II	B II
MEAN MAX. DAILY TEMP. HOTTEST MONTH (JULY)	69°F	69°F
TAXIWAY LIGHTING	MITL	MITL
RAMP LIGHTING	NONE	FLOODLIGHTS
AIRPORT AND TERMINAL NAVAIDS	NONE	PAPIS
COMMUNICATION AIDS	NONE	NONE
AIRPORT REFERENCE POINT (A.R.P.), STA. 42+00 LAT.	66°54'44.429"	66°54'44.429"

DATA BASE CONTROL YEAR: NAD 83; GRID BEARING FOR R/W 9–27 IS S74°57'46"E

LEGEND

	EXISTING	ULTIMATE
PROPERTY LINES		
BUILDING RESTRICTION LINE (B.R.L.)	B.R.L.	
RUNWAY EMBANKMENT		
SEGMENTED CIRCLE		
LIGHTED WINDCONE		
PAPI		□□□□
RUNWAY CENTERLINE		
BUILDINGS		
ROADWAY EMBANKMENT		
THRESHOLD LIGHTS		
AIRPORT REFERENCE POINT (ARP)		
ROTATING BEACON		
DRAINAGE SWALE		
REBAR WITH AL CAP		
BRUSH		
SHORELINE/WATERLINE		
TREELINE		
POWER POLE & POWERLINE	OHE	
RPZ		

AIRPORT STRUCTURES

	HEIGHT	MSL
SREB	20'	152'
EEE	10'	142'

NOTES:
1. NO THRESHOLD SITING SURFACE PENETRATIONS.
2. NO OFZ OBJECT PENETRATIONS

DESIGN LHH
DRAWN EJM
CHECKED CML

BY	DATE	REVISIONS
	3-17-26	FUTURE AWOS
EJM	11/28/07	FAA APPROVED
EJM	1/25/07	AS-BUILT
	8/14/00	FAA APPROVED

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
NORTHERN REGION

APPROVED s/ Patricia D. Miller DATE 3/29/07
PATRICIA D. MILLER, P.E. DESIGN GROUP CHIEF

AIRPORT LAYOUT PLAN APPROVED
BY LETTER DATED: 11/28/07
AIRPORTS DIVISION,
ALASKAN REGION, AAL-601
AIRSPACE REVIEW #98AAL-0182-NRA

0 125 250 500 750
HORIZONTAL GRAPHIC SCALE

THIS ALP SUPERSEDES ALP DATED 8/14/00

THIS ALP WAS PREPARED FROM THE PREVIOUS ALP AND THE AS-BUILTS FOR AIP 3-02-0427-03/60995 DATED 3/1/06.

KOBUK AIRPORT
AIRPORT LAYOUT PLAN

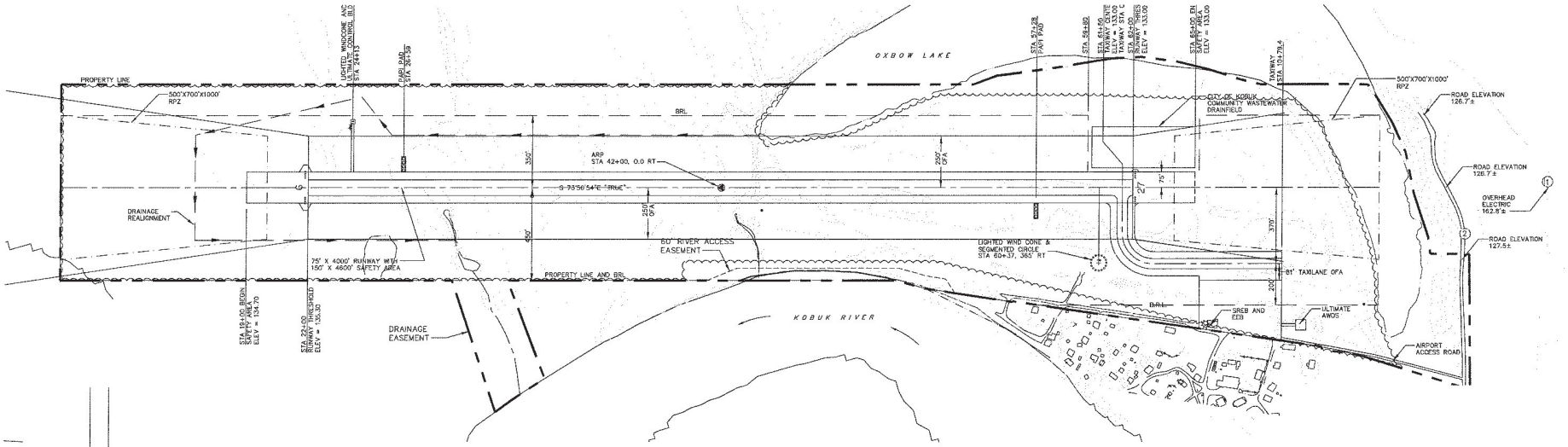
SHEET 1 OF 4

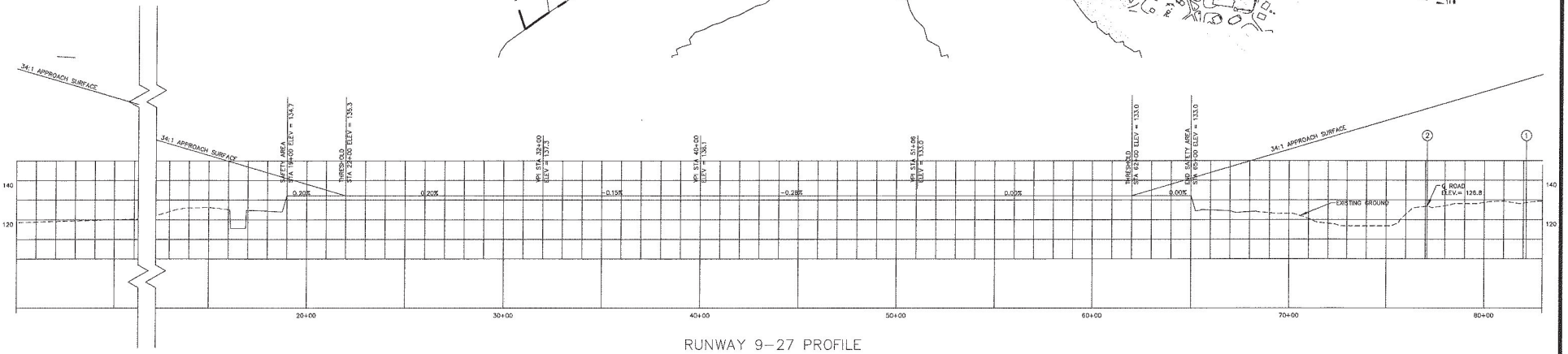
OBSTRUCTION TABLE

NO.	OBSTRUCTION	R/W STA.	OFFSET	PENE.	SURFACE
①	OVERHEAD ELECTRIC	82+15	0	−29.6	AS/E
②	EXISTING ROAD	77+08	0	−50.8	AS/E

PS = PRIMARY SURFACE
TS = TRANSITIONAL SURFACES
AS = APPROACH SURFACES
N = NORTH E = EAST
S = SOUTH W = WEST

MAG. DEC.
19° 12' E
1/05





RUNWAY 9–27 PROFILE

DESIGN LHH
DRAWN EJM
CHECKED CML

BY	DATE	REVISIONS
EJM	11/28/07	FAA APPROVED
EJM	1/25/07	AS-BUILT
	8/14/00	FAA APPROVED

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
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ALASKAN REGION, AAL-601
AIRSPACE REVIEW #98AAL-0182-NRA

0 125 250 500 750
HORIZONTAL GRAPHIC SCALE

KOBUK AIRPORT
RUNWAY 9/27 PLAN & PROFILE
PROFILE AND OBSTRUCTIONS

SHEET 2 OF 4

project\351149 1, 1=250, 07/18/00 at 09:32 by des
VIEW: ALP01, ALP01
XREF: 3149BD03, 3149MA01

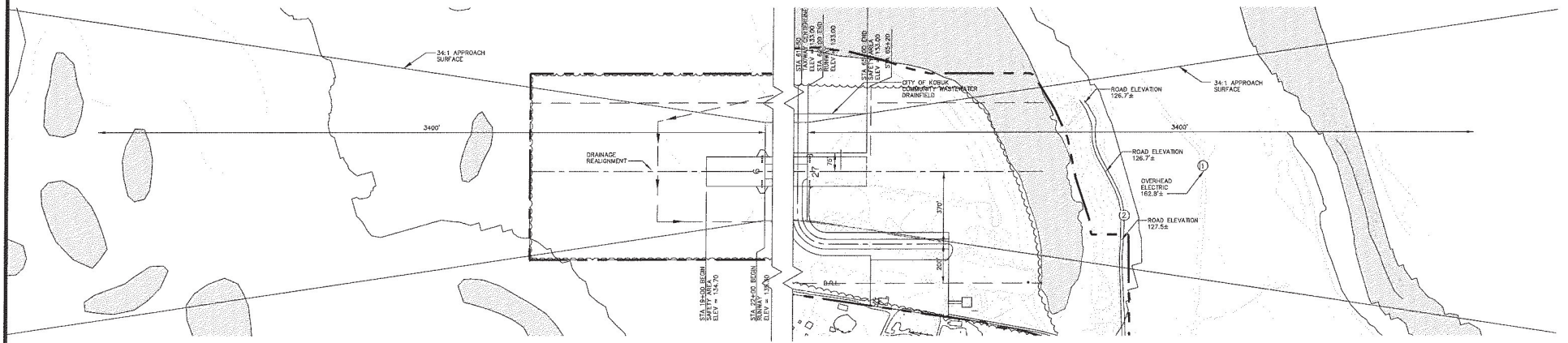
OBSTRUCTION TABLE

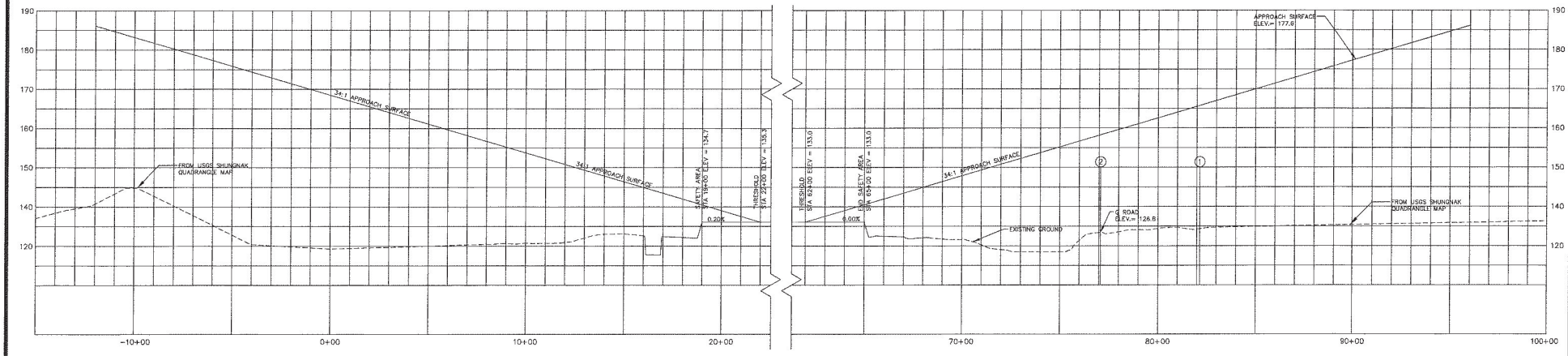
NO.	OBSTRUCTION	R/W STA.	OFFSET	PENE.	SURFACE
①	OVERHEAD ELECTRIC	82+15	0	−29.6	AS/E
②	EXISTING ROAD	77+08	0	−50.8	AS/E

PS = PRIMARY SURFACE
TS = TRANSITIONAL SURFACES
AS = APPROACH SURFACES
N = NORTH E = EAST
S = SOUTH W = WEST

NOTES:
1. BASE MAPPING IS A COMBINATION OF AERIAL PHOTOS AND USGS MAPS.
2. THE INNER PORTION OF APPROACH SURFACES ARE SHOWN TO 100' ABOVE THE RUNWAY END.

MAG. DEC. 19° 12' E 1/05





RUNWAY 9-27 PROFILE

EJM	11/28/07	FAA APPROVED	
EJM	1/25/07	AS-BUILT	
	8/14/00	FAA APPROVED	
BY	DATE	REVISIONS	

DESIGN LHH
DRAWN EJM
CHECKED CML

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
NORTHERN REGION

APPROVED s/ Patricia D. Miller DATE 3/29/07
PATRICIA D. MILLER, P.E. DESIGN GROUP CHIEF

AIRPORT LAYOUT PLAN APPROVED
BY LETTER DATED: 11/28/07
AIRPORTS DIVISION,
ALASKAN REGION, AAL-601
AIRSPACE REVIEW #98AAL-0182-NRA

0 125 250 500 750
HORIZONTAL GRAPHIC SCALE

KOBUK AIRPORT
RUNWAY 9/27 PLAN & PROFILE
INNER PORTION OF APPROACH SURFACES

SHEET 3 OF 4

project\351149
VIEW: ALP01, ALP-col, 1=250, 07/18/00 at 09:32 by des
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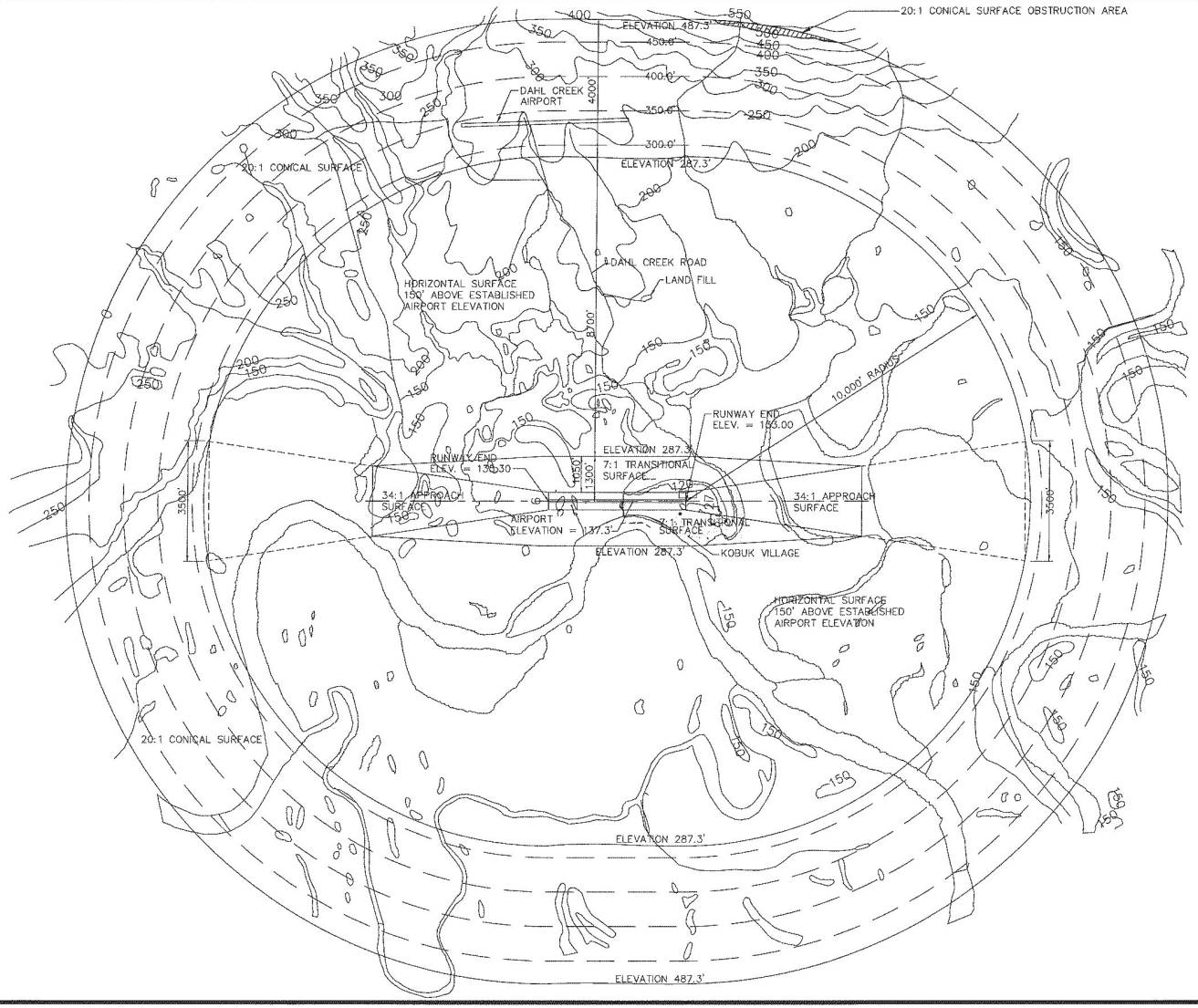

MAG. DEC.
19° 12' E
1/05

0 800 1600 3200 4800
HORIZONTAL GRAPHIC SCALE

OBSTRUCTION TABLE			
ITEM	EXISTING	STANDARD	ULTIMATE
FAR PART 77 SURFACE	OBSTRUCTED	UNOBST.	TO REMAIN

OPEN WATER

DESIGN LHH
DRAWN EJM
CHECKED CML

BY	DATE	REVISIONS
EJM	11/28/07	FAA APPROVED
EJM	1/25/07	AS-BUILT
	8/14/00	FAA APPROVED

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
NORTHERN REGION

APPROVED s/ Patricia D. Miller DATE 3/29/07
PATRICIA D. MILLER, P.E. DESIGN GROUP CHIEF

AIRPORT LAYOUT PLAN APPROVED
BY LETTER DATED: 11/28/07

AIRPORTS DIVISION,
ALASKAN REGION, AAL-601
AIRSPACE REVIEW #98AAL-0182-NRA

0 125 250 500 750
HORIZONTAL GRAPHIC SCALE

KOBUK AIRPORT
AIRSPACE DRAWING

SHEET 4 OF 4

project\35114\s\plp01, 1=250, 07/18/00 at 09:32 by des
VIEW: AIRPORT_LAYOUT
XREF: 3149B01, 3149MA01