

SECTIONS 23,24,25,26,27,34,35 & 36 T10N,R14E
 SECTIONS 19,30 & 31 T10N,R15E
 UMIAT MERIDIAN, ALASKA
 USGS BEECHY POINT QUAD (A-3)

DEADHORSE AIRPORT AIRPORT LAYOUT PLAN DEADHORSE, AK

LEGEND		
ITEM	EXISTING	ULTIMATE
BUILDING RESTRICTION LINE (BRL)		
RUNWAY SAFETY AREA (RSA)		SAME
OBSTACLE FREE ZONE (OFZ)		SAME
RUNWAY OBJECT FREE AREA (ROFA)		SAME
RUNWAY PROTECTION ZONE (RPZ)		SAME
AIRPORT REFERENCE POINT (ARP)		SAME
THRESHOLD LIGHTS		SAME
WIND CONE & SEGMENTED CIRCLE		SAME
VASI		SAME
ROTATING BEACON		SAME
SURVEY MONUMENT		SAME
FENCING		
GATE		
AIRPORT PROPERTY BOUNDARY		SAME
ROADWAYS		
BUILDING		SAME
CULVERT		SAME

SHEET INDEX	
SHEET NO.	DESCRIPTION
1	COVER SHEET
2	AIRPORT DATA SHEET
3	EXISTING AIRPORT LAYOUT PLAN
4	ULTIMATE AIRPORT LAYOUT PLAN
5	TERMINAL PLAN 1 OF 2
6	TERMINAL PLAN 2 OF 2
7	EXISTING & ULTIMATE INNER APPROACH SURFACE
8	AIRPORT AIRSPACE (FAR PART 77) PLAN
9	AIRPORT AIRSPACE (FAR PART 77) PROFILE
10	AIRPORT LAND USE
11	AIRPORT PROPERTY PLAN

DESIGN HPF
 DRAWN HPF/RA
 CHECKED CFJ

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
 NORTHERN REGION-AVIATION

APPROVED: Albert M.L. Beck DATE 11/19/19
 ALBERT M.L. BECK, P.E. DESIGN GROUP CHIEF

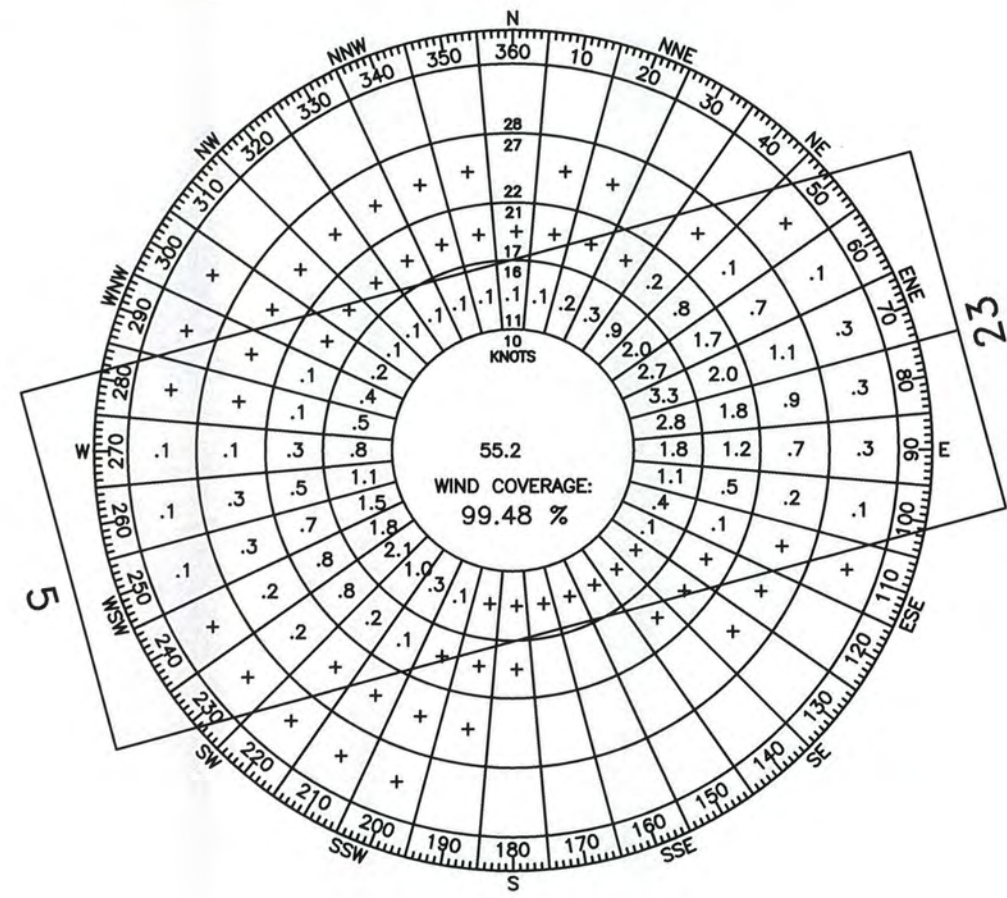
AIRPORT LAYOUT PLAN CONDITIONAL APPROVAL SUBJECT TO
 ALP APPROVAL LETTER DATED 8/24/16
 FAA AIRSPACE REVIEW NUMBER: 2016-AAL-134-NRA

AS-BUILT ACCEPTED
[Signature] DATE 2/10/20
 FAA, AIRPORTS DIVISION ALASKAN REGION, AAL- 624

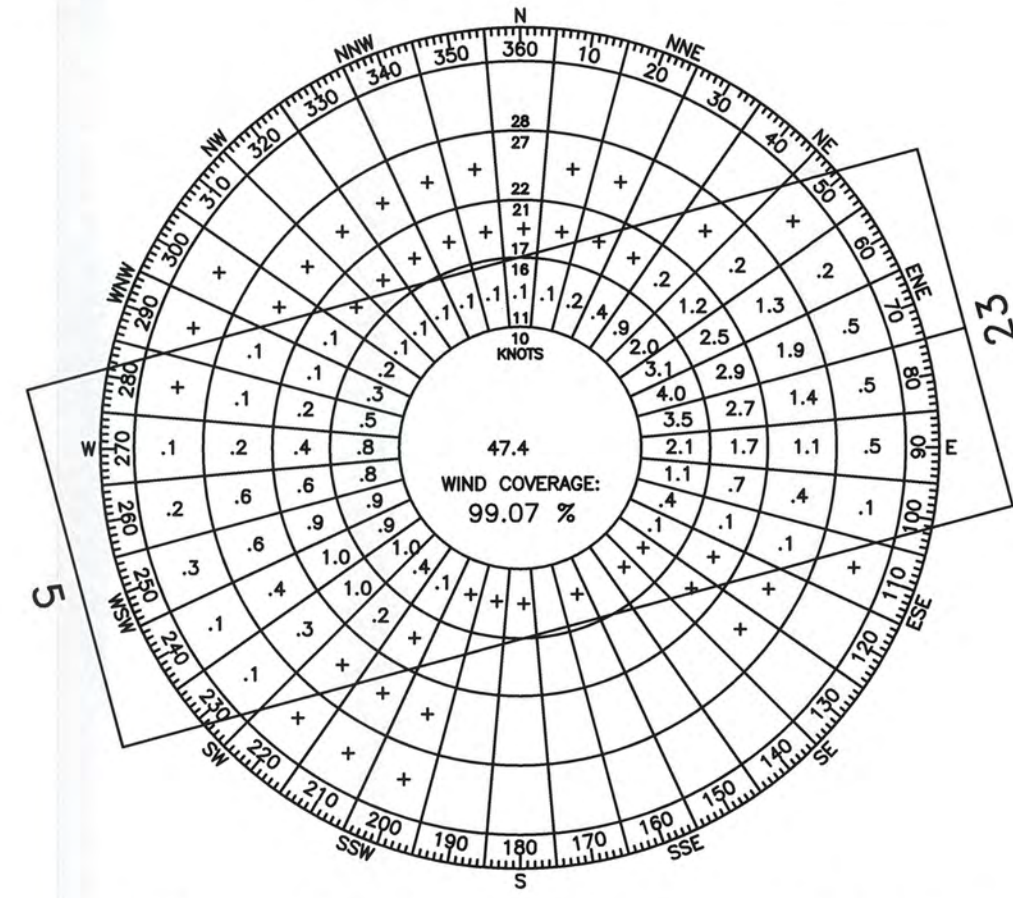
BY	DATE	REVISIONS

DEADHORSE AIRPORT
 DEADHORSE, AK
 COVER SHEET

SHEET
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ALL-WEATHER



INSTRUMENT METEOROLOGICAL CONDITION

WIND DATA	
RUNWAY	5-23 (D-IV)
CROSSWIND COMPONENT	20 KNOTS
WIND COVERAGE	99.48%

SOURCE: NATIONAL WEATHER SERVICE/MESOWEST
 STATION NAME: DEADHORSE AIRPORT
 NETWORK ID: COOP: 502316
 PERIOD: 06/2004-06/2014

NON STANDARD CONDITIONS			
ITEM	STANDARD	EXISTING	ULTIMATE
TAXIWAY TSA WIDTH	171'	140'	171'

TOUCHDOWN ZONE ELEVATION (NAVD88)	
RUNWAY 5, AT STA. 116+25	67.5'
RUNWAY 23, AT STA. 135+00	66.2'

MODIFICATION TO STANDARD					
DESCRIPTION	STANDARD	EXISTING	ULTIMATE	AIRSPACE NO.	APPROVAL DATE
NONE REQUIRED					

DECLARED DISTANCES								
RUNWAY	TORA		TODA		ASDA		LDA	
	EXISTING	ULTIMATE	EXISTING	ULTIMATE	EXISTING	ULTIMATE	EXISTING	ULTIMATE
R/W 5	6500'	6500'	6500'	6500'	6500'	6500'	6500'	6500'
R/W 23	6500'	6500'	6500'	6500'	6500'	6500'	6500'	6500'

PACS & SACS						
DESIGNATION	NORTHING	EASTING	ELEVATION	STATION	OFFSET	DESCRIPTION
SCC B	5923925.8	1835037.5	58.0'	174+97	319' R	FND 3 1/4" BRASS CAP: (PACS)
SCC C	5922053.9	1829022.1	56.4'	111+97	413' R	FND 3 1/4" BRASS CAP: (SACS)
SCC D	5923692.4	1831745.2	62.5'	142+73	388' L	FND 3 1/4" BRASS CAP: (SACS)

- NOTES:
- NO OFZ OBJECT PENETRATIONS.
 - NO THRESHOLD SITING SURFACE OBJECT PENETRATIONS.
 - HORIZONTAL CONTROL: NAD83(1992) ALASKA STATE PLAN COORDINATE SYSTEM, ZONE 4 (SCALED TO GROUND).
 - VERTICAL CONTROL: NAVD88 DATUM IN U.S. SURVEY FEET USING ALASKA GEOID09 WITH A+2.041 FOOT VERTICAL ADJUSTMENT HOLDING " SCC B " AS 58.0'

TAXIWAY DATA TABLE								
T/W	R/W STATION	WIDTH	EXISTING					ULTIMATE
			TSA WIDTH	TOFA	SURFACE	ADG/TDG	SAME	
A	R/W STA. 100+75-164+30, 600' LT	100'	140'	259'	PAVEMENT	IV/5	SAME	
A WEST	R/W STA. 100+75	86'	140'	259'	PAVEMENT	IV/5	SAME	
A EAST	R/W STA. 164+30	86'	140'	259'	PAVEMENT	IV/5	SAME	
B	R/W STA. 120+00	96'	140'	259'	PAVEMENT	IV/5	SAME	
C	R/W STA. 135+27	96'	140'	259'	PAVEMENT	IV/5	SAME	
D	R/W STA. 149+53	96'	140'	259'	PAVEMENT	IV/5	SAME	
E	R/W STA. 154+75	50'	118'	186'	PAVEMENT	III/3	SAME	
F	R/W STA. 161+25	50'	118'	186'	PAVEMENT	III/3	SAME	

AIRPORT DATA

ITEM	EXISTING	ULTIMATE
ICAO IDENTIFIER	PASC	SAME
NATIONAL AIRPORT IDENTIFIER	SCC	SAME
FAA SITE NUMBER	50140.7*A	SAME
AIRPORT REFERENCE CODE (ARC)	D-IV	SAME
NPIAS SERVICE LEVEL (P, CS, R, GA)	P	SAME
AIRPORT ELEVATION (NAVD88)	67.5'	SAME
MEAN MAX. TEMPERATURE, HOTTEST MONTH	40.8' F, JULY	SAME
OBSTRUCTION SURVEY SOURCE & TYPE	WAAS LPV	SAME
MAGNETIC DECLINATION, YEAR, RATE OF CHANGE	19°5'E, JAN 2016, 0°34' W/YEAR	SAME
MISCELLANEOUS FACILITIES	ASOS, LIGHTED WINDCONES, ANICS, SAWS, RVR	SAME
AIRPORT AND TERMINAL NAVIGATION AIDS	ILS, LOC/DME, VOR/DME, BEACON, GPS, MALSR, REIL, GLIDE SLOPE, VASI	SAME
STATE EQUIVALENT ROLE	REGIONAL	SAME

MAGNETIC DECLINATION SOURCE: NOAA NATIONAL GEOPHYSICAL DATA CENTER.
 OBSTRUCTION SURVEY SOURCE: FAA AGIS, WHPACIFIC, 2012.

RUNWAY 5-23 DATA

ITEM	EXISTING	ULTIMATE
FAR PART 77 APPROACH CATEGORY (UTILITY, OTHER THAN UTILITY)	OTHER THAN UTILITY	SAME
FAR PART 77 APPROACH TYPE (V, C, NPA, PA)	PA	SAME
RUNWAY DESIGN CODE (RDC)	D-IV-2400	SAME
RUNWAY REFERENCE CODE (RRC)	D-IV-2400	SAME
CRITICAL AIRCRAFT	BOEING 737-800, LOCKHEED L-382 HERCULES	SAME
FAR PART 77 APPROACH SLOPE	50:1	SAME
THRESHOLD SITTING SURFACE (TSS)	34:1	SAME
DEPARTURE SURFACE SLOPE	40:1	SAME
GLIDE PATH QUALIFICATION SURFACE (GQS)	30:1	SAME
RUNWAY SURFACE	ASPHALT	SAME
PAVEMENT STRENGTH (SW, DW, DTW x 1000 lbs)	120SW, 250DW, 550DTW	SAME
PAVEMENT CLASSIFICATION NUMBER	76/F/A/W/T	SAME
SURFACE TREATMENT	GROOVED	SAME
VISIBILITY MINIMUMS (MILES)	<3/4	SAME
TYPE OF AERONAUTICAL SURVEY REQUIRED	VGS	SAME
RUNWAY VISUAL APPROACH AIDS	REIL, VASI, MALSR	SAME
TRUE MEAN BEARING	N 73°34'01" E	SAME
MAXIMUM ELEVATION ABOVE MSL	N/A	SAME
EFFECTIVE GRADE	1%	SAME
RUNWAY DIMENSIONS	150' X 6500'	SAME
RUNWAY SAFETY AREA (RSA) DIMENSIONS	500' X 8500'	SAME
RSA LENGTH BEYOND RUNWAY ENDS	1000'	SAME
APPROACH RUNWAY PROTECTION ZONE (RPZ) DIMENSIONS	1000' X 2500' X 1750'	SAME
DEPARTURE RUNWAY PROTECTION ZONE (RPZ) DIMENSIONS	500' X 1700' X 1010'	SAME
RUNWAY OBJECT FREE AREA (ROFA) DIMENSIONS	800' X 8500'	SAME
ROFA LENGTH BEYOND RUNWAY ENDS	1000'	SAME
RUNWAY OBSTACLE FREE ZONE (ROFZ) DIMENSIONS	400' X 6900'	SAME
PRECISION OBSTACLE FREE ZONE (POFZ)	200' X 800'	SAME
RUNWAY LIGHTING TYPE	HIRL	SAME
RUNWAY MARKING TYPE (P, NP, NONE)	P	SAME
RUNWAY APPROACH TYPE (P, NP, NONE)	P	SAME
TAXIWAY/TAXILANE LIGHTING	MITL	SAME
VERTICAL AND HORIZONTAL DATUM	NAD83/NAVD88	SAME

GEOGRAPHIC COORDINATES (NAD83) & ELEVATIONS (NAVD88)

ITEM	EXISTING LATITUDE	EXISTING LONGITUDE	EXISTING ELEVATION
AIRPORT REFERENCE POINT (ARP) SAT. 132+50	70°11'43.97"N	148°27'56.84"W	66.4'
R/W 5 THRESHOLD STA. 100+00	70°11'32.85"N	148°29'25.65"W	67.3'
R/W 23 THRESHOLD STA. 165+00	70°11'49.38"N	148°26'23.54"W	60.8'

DATA BASE CONTROL YEAR: NAD83

DESIGN	HPF
DRAWN	HPF/RA
CHECKED	CFJ

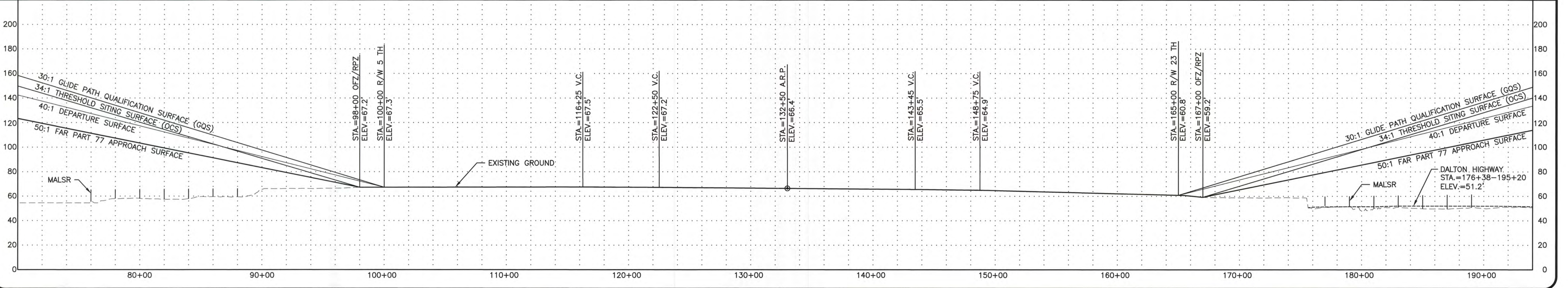
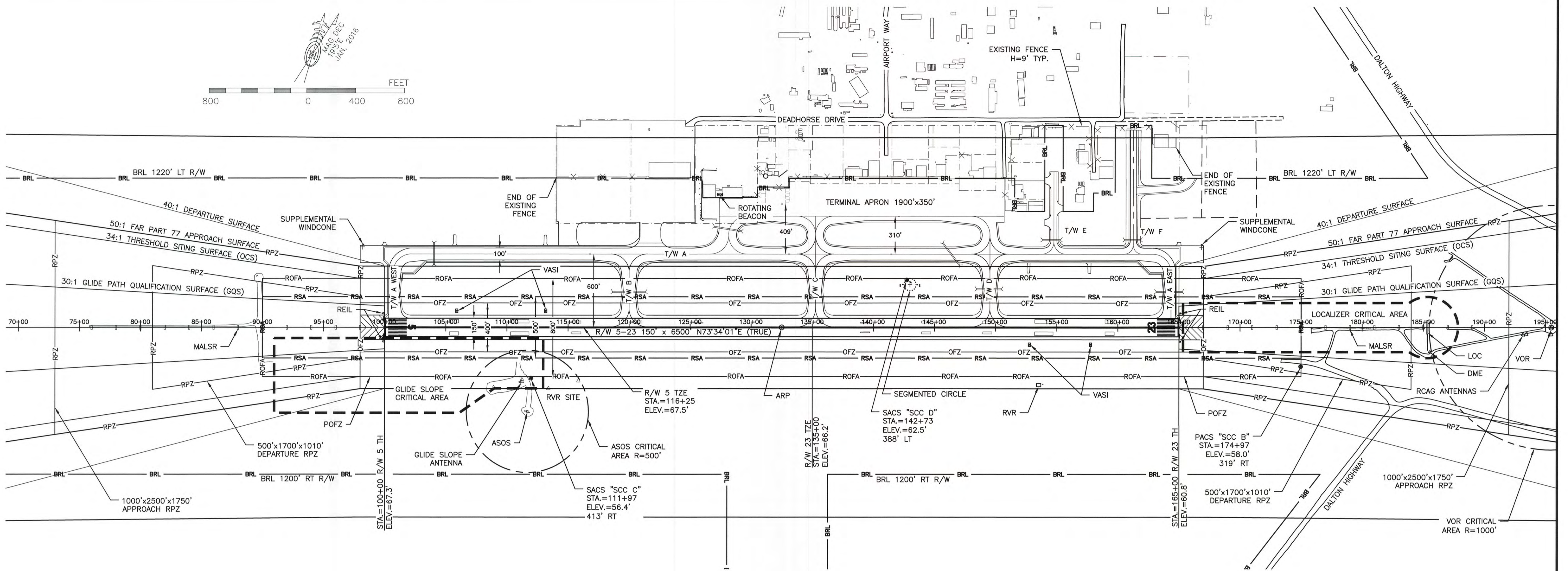
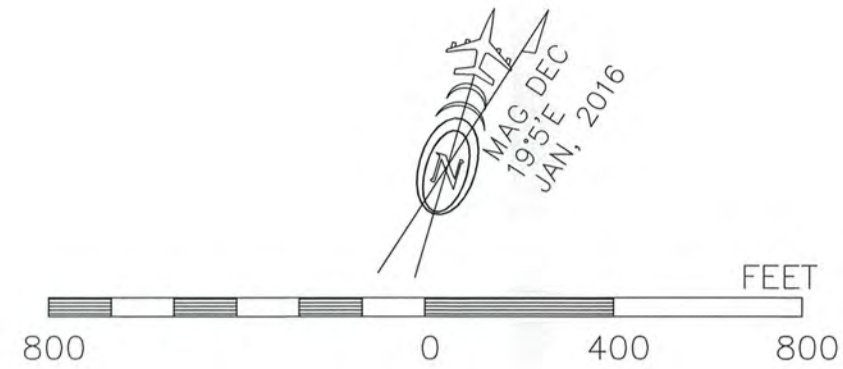
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 ALBERT M.L. BECK, P.E. DESIGN GROUP CHIEF

BY	DATE	NO.	REVISIONS	FAA

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DEADHORSE AIRPORT
 DEADHORSE, AK
 AIRPORT DATA SHEET



DESIGN MLB
 DRAWN MLB/RA
 CHECKED CFJ

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
 NORTHERN REGION-AVIATION

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MLB	10/30/19		AS-BUILT ALP	

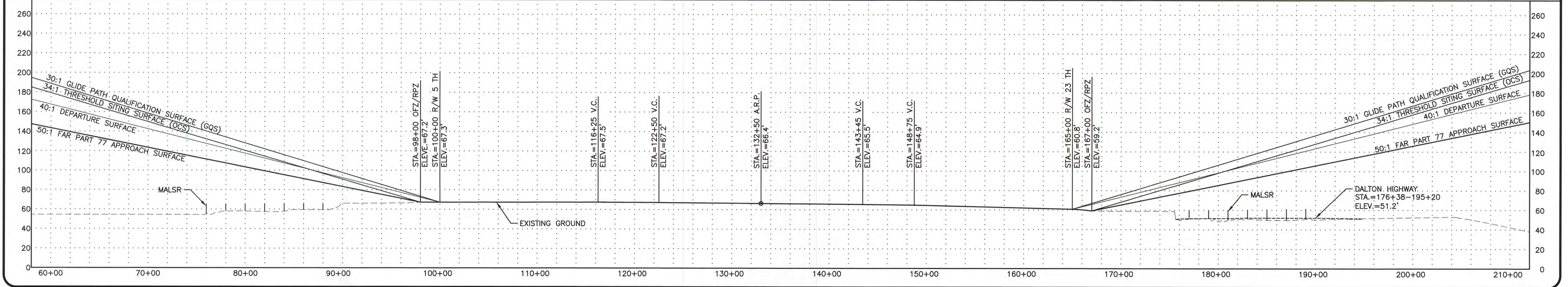
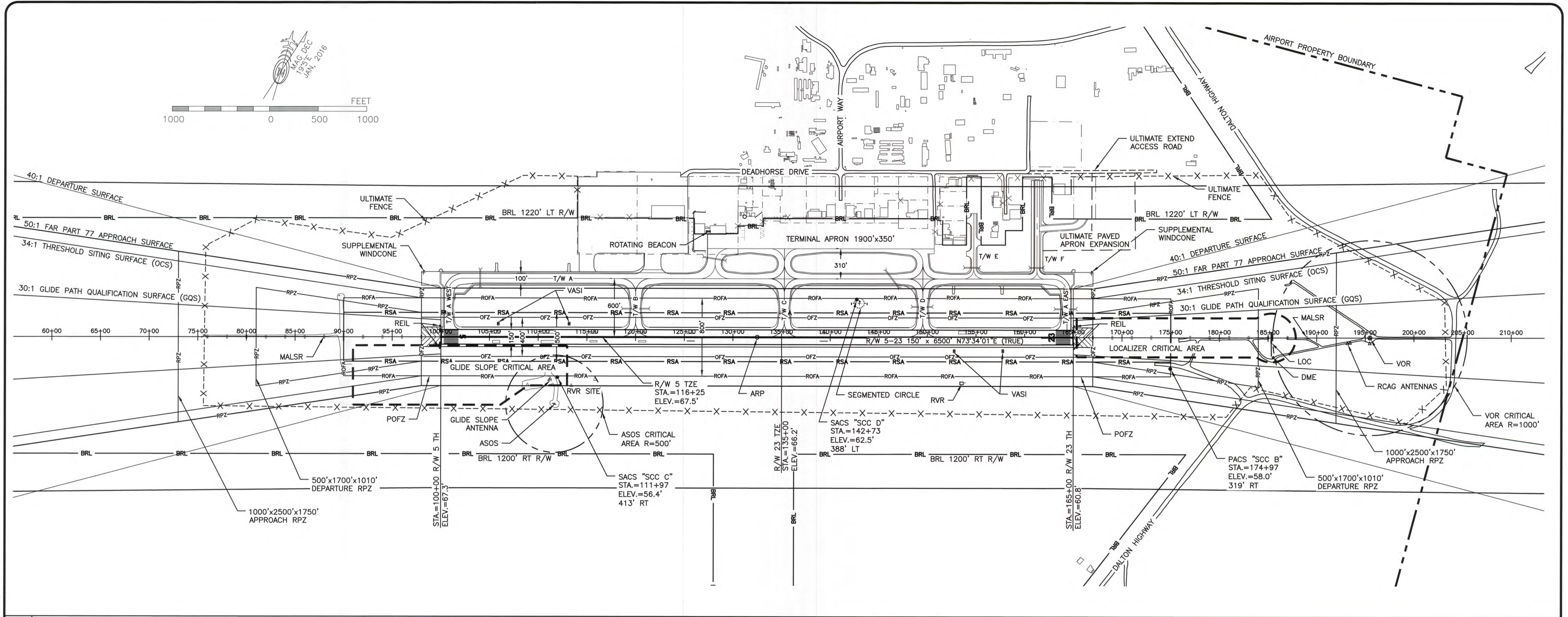
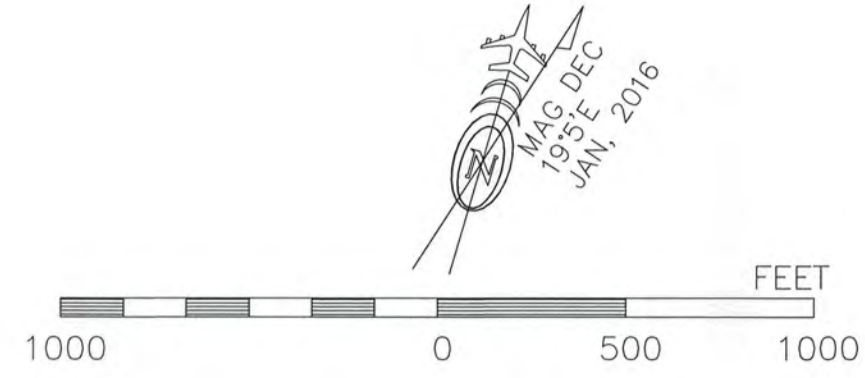
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DEADHORSE AIRPORT
 DEADHORSE, AK
 EXISTING AIRPORT LAYOUT PLAN

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H:\info_communities\deadhorse\02 alp file\2018 alp as-built\SCC_ALP_P&P-4 UL-Layout Plan



DESIGN MLB
 DRAWN MLB/RA
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STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
 NORTHERN REGION-AVIATION

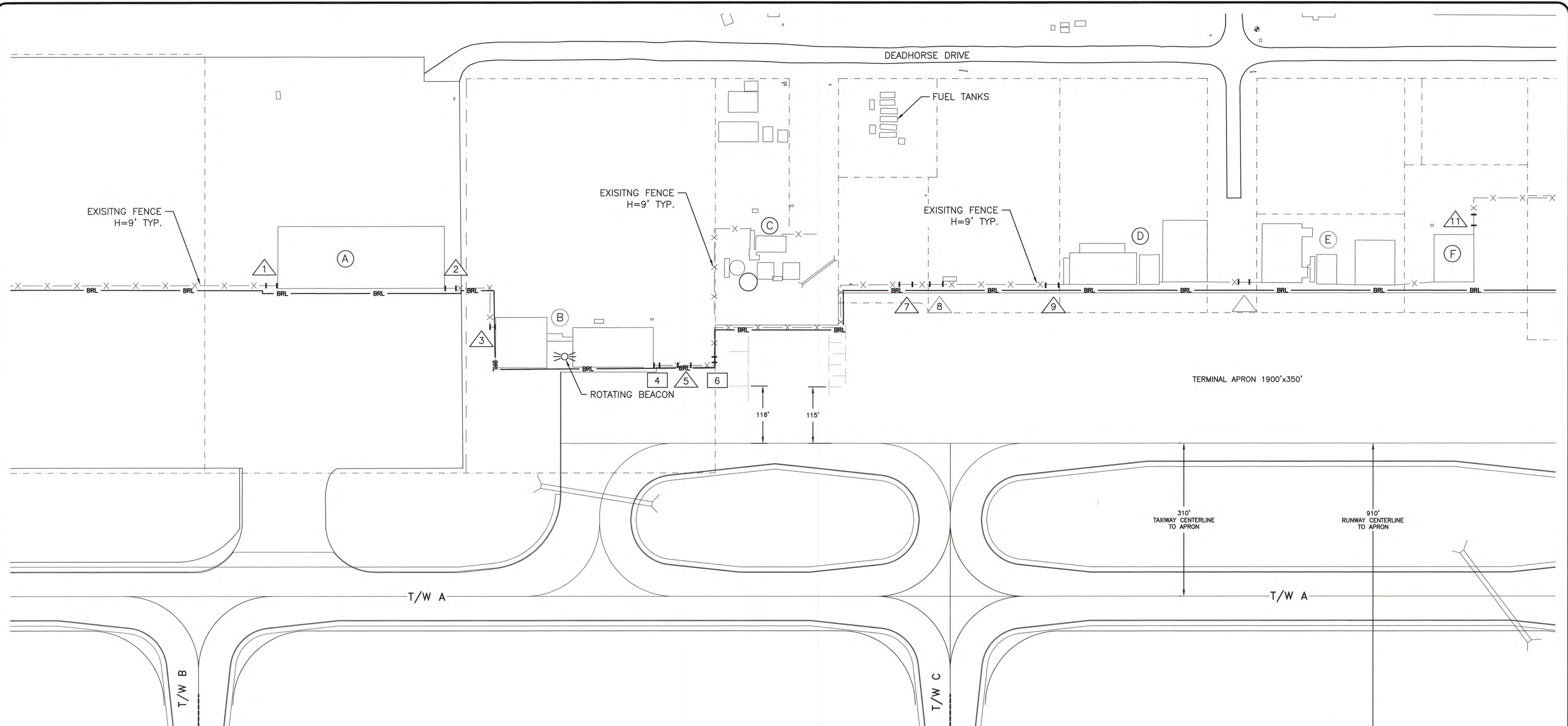
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MLB	10/30/19	<u>1</u>	AS-BUILT ALP	

BY	DATE	NO.	REVISIONS	FAA

DEADHORSE AIRPORT
 DEADHORSE, AK
 ULTIMATE AIRPORT LAYOUT PLAN

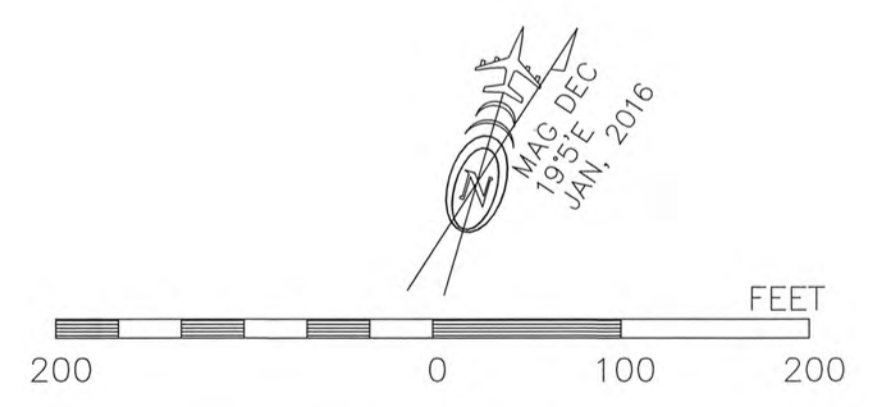
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BUILDINGS/FACILITIES			
BLD/FAC	DESCRIPTION	STATION/OFFSET	TOP ELEV. (MSL)
(A)	DEADHORSE AVIATION CENTER, LLC	123+30/1287' LT	61.5'
(B)	DOT&PF - ARFF/FAA BUILDINGS	128+42/1105' LT	61.7'
(C)	FAA : BUILDINGS & ANICS	131+57/1314' LT	60.0'
(D)	CARLILE TRANS. SYSTEMS, INC.	139+04/1300' LT	60.5'
(E)	CARLILE TRANS. SYSTEMS, INC.	143+02/1293' LT	60.2'
(F)	PATHFINDER PROPERTIES, II, INC	145+50/1285' LT	59.7'

LEGEND:

- (A) BUILDING #
- 1 PEDESTRIAN GATE #
- 2 VEHICLE GATE #



DESIGN MLB
 DRAWN MLB/RA
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STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
 NORTHERN REGION-AVIATION

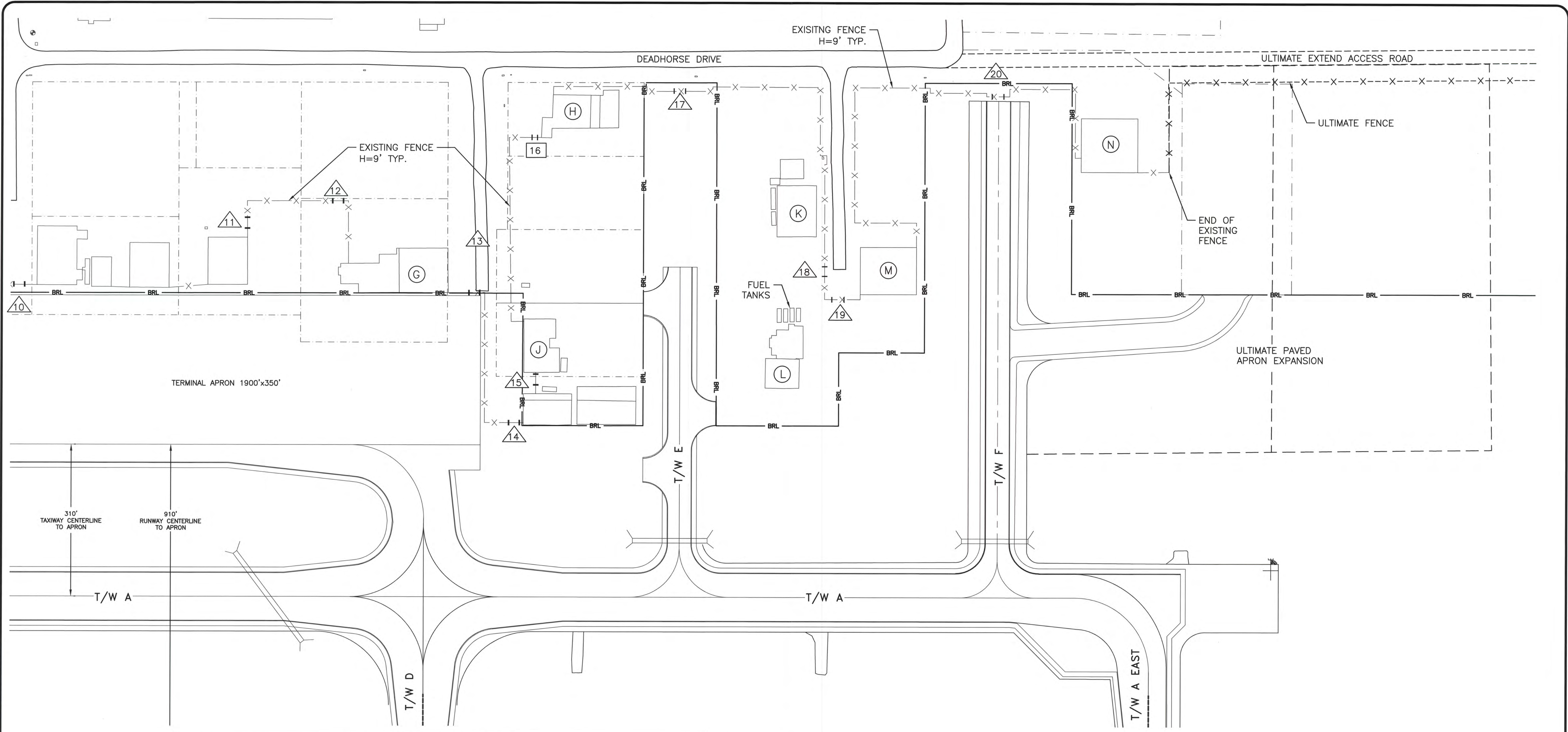
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MLB	10/30/19	3	AS-BUILT ALP	

BY	DATE	NO.	REVISIONS	FAA

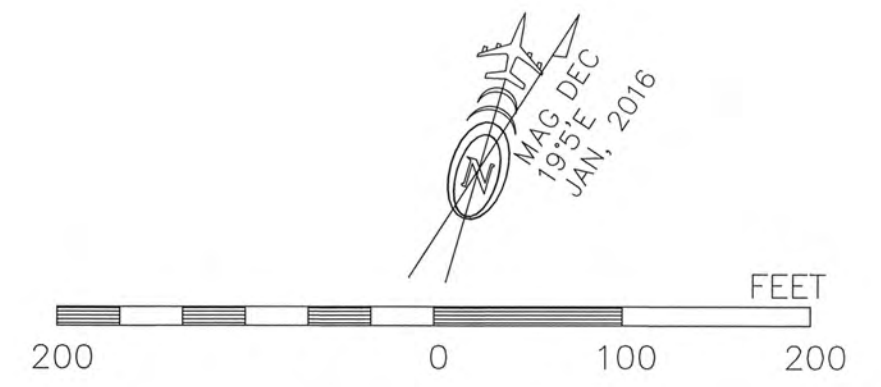
DEADHORSE AIRPORT
 DEADHORSE, AK
 TERMINAL PLAN 1 OF 2

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BUILDINGS/FACILITIES			
BLD/FAC	DESCRIPTION	STATION/OFFSET	TOP ELEV. (MSL)
(G)	ALASKA AIRLINES, INC.	148+89/1263' LT	60.4'
(H)	70 NORTH, LLC	152+81/1597' LT	58.2'
(J)	ERA HELICOPTERS, LLC	152+71/1058' LT	59.8'
(K)	BALD MOUNTAIN AIR SERVICE, INC.	157+13/1388' LT	58.9'
(L)	COLVILLE, INC.	156+90/1087' LT	57.1'
(M)	JJM, INC.	159+01/1267' LT	58.8'
(N)	ALPHA MARINE SERVICES	163+52/1524' LT	59.1'

- LEGEND:**
- (A) BUILDING #
 - 1 PEDESTRIAN GATE #
 - 2 VEHICLE GATE #



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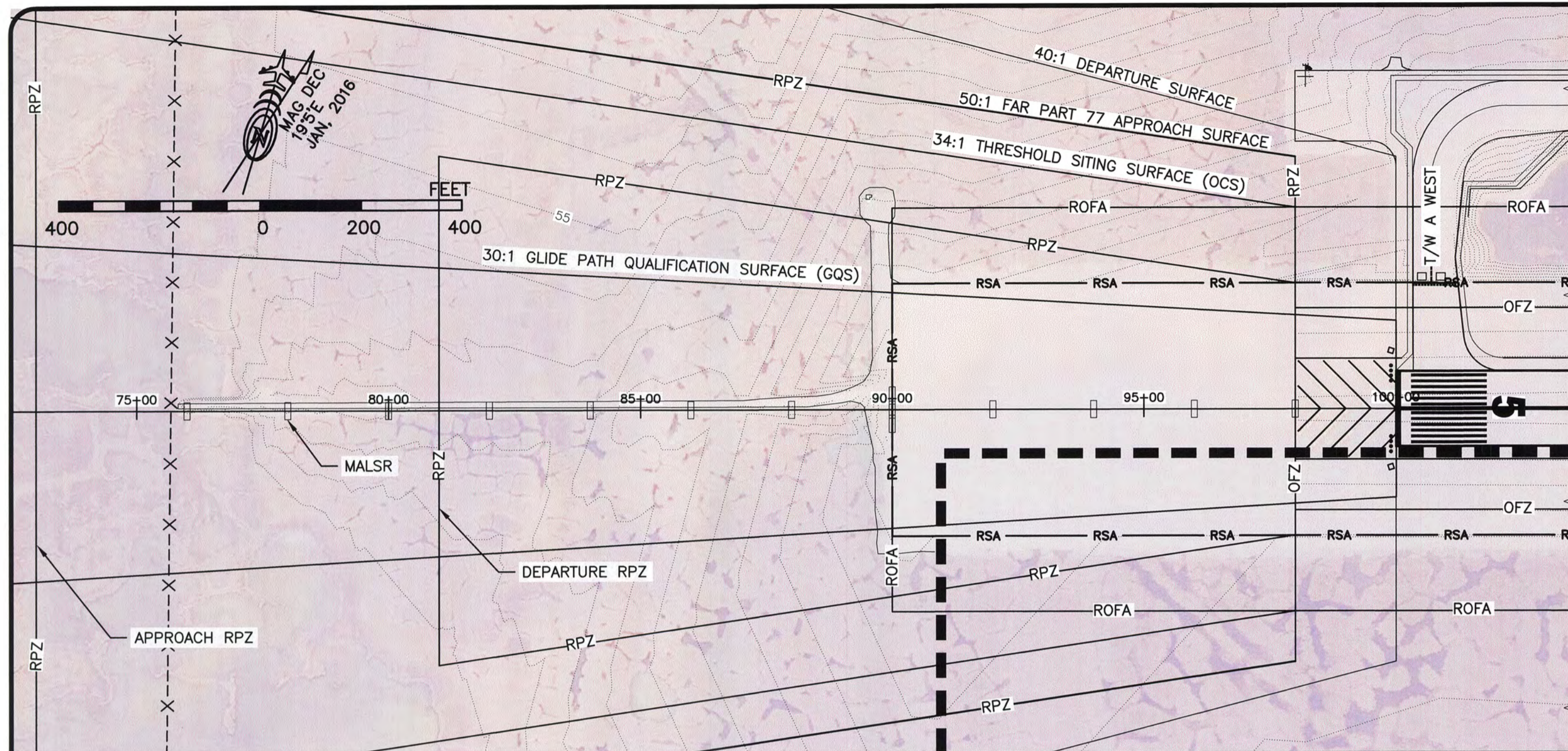
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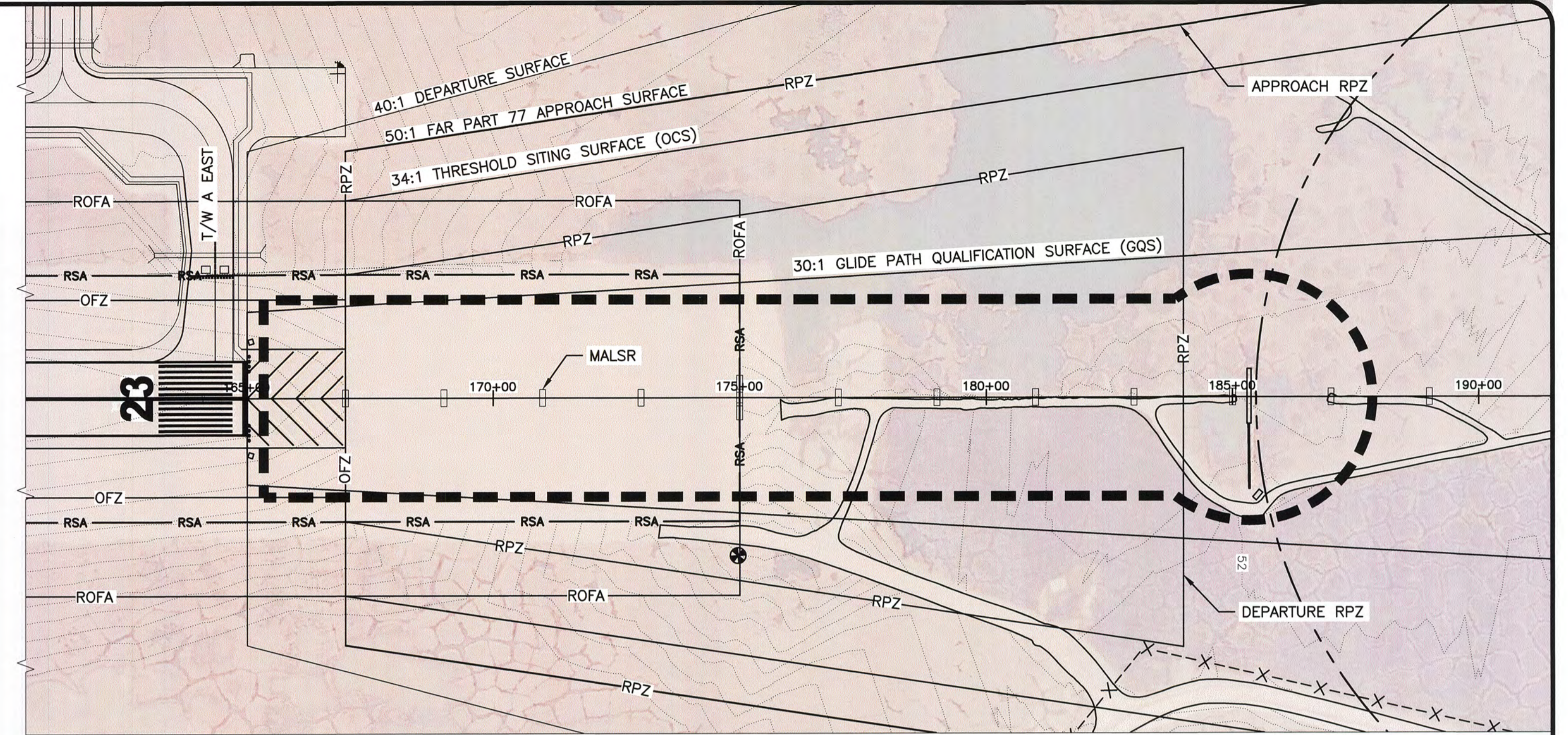
DEADHORSE AIRPORT
 DEADHORSE, AK
 TERMINAL PLAN 2 OF 2

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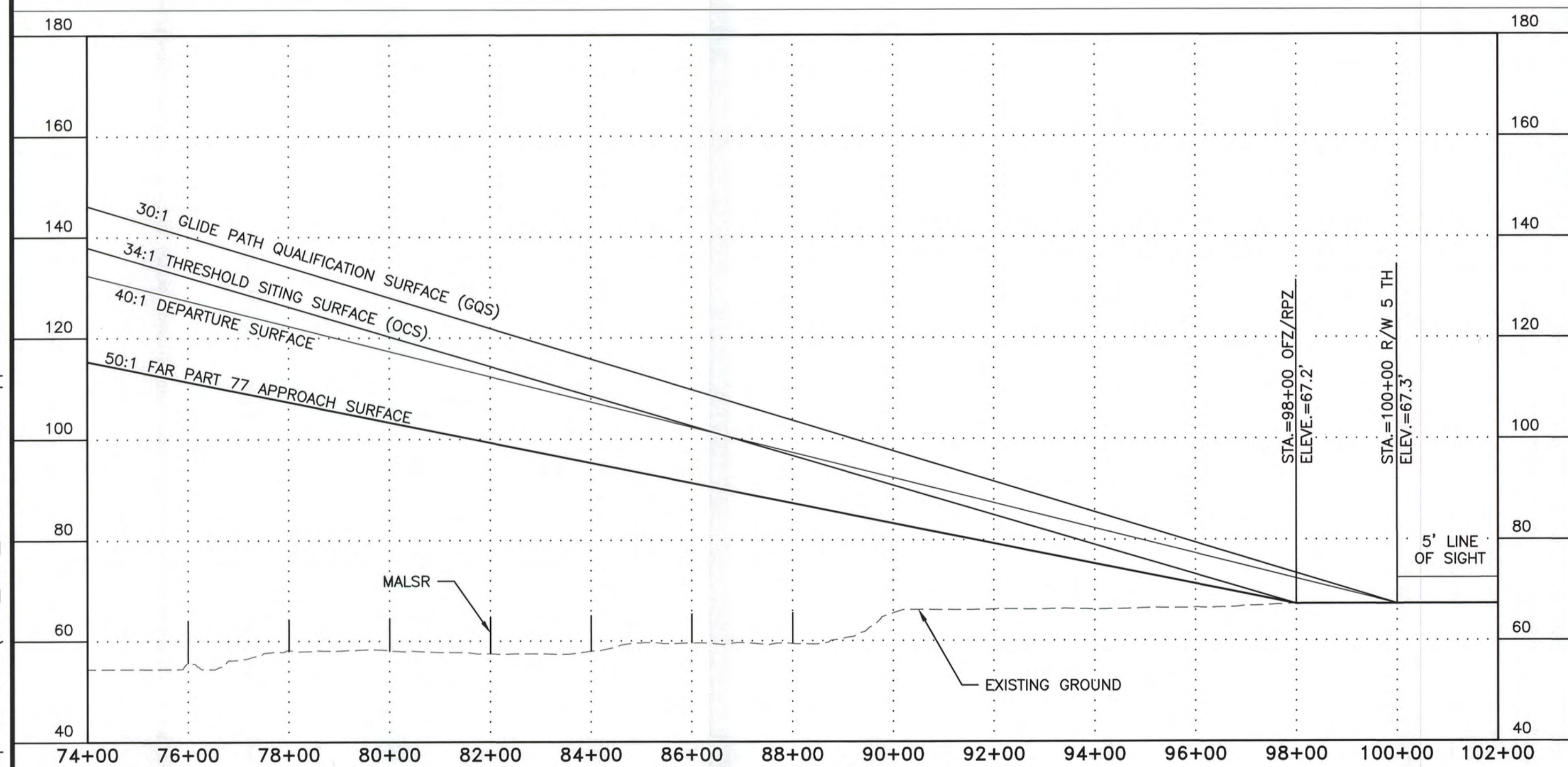
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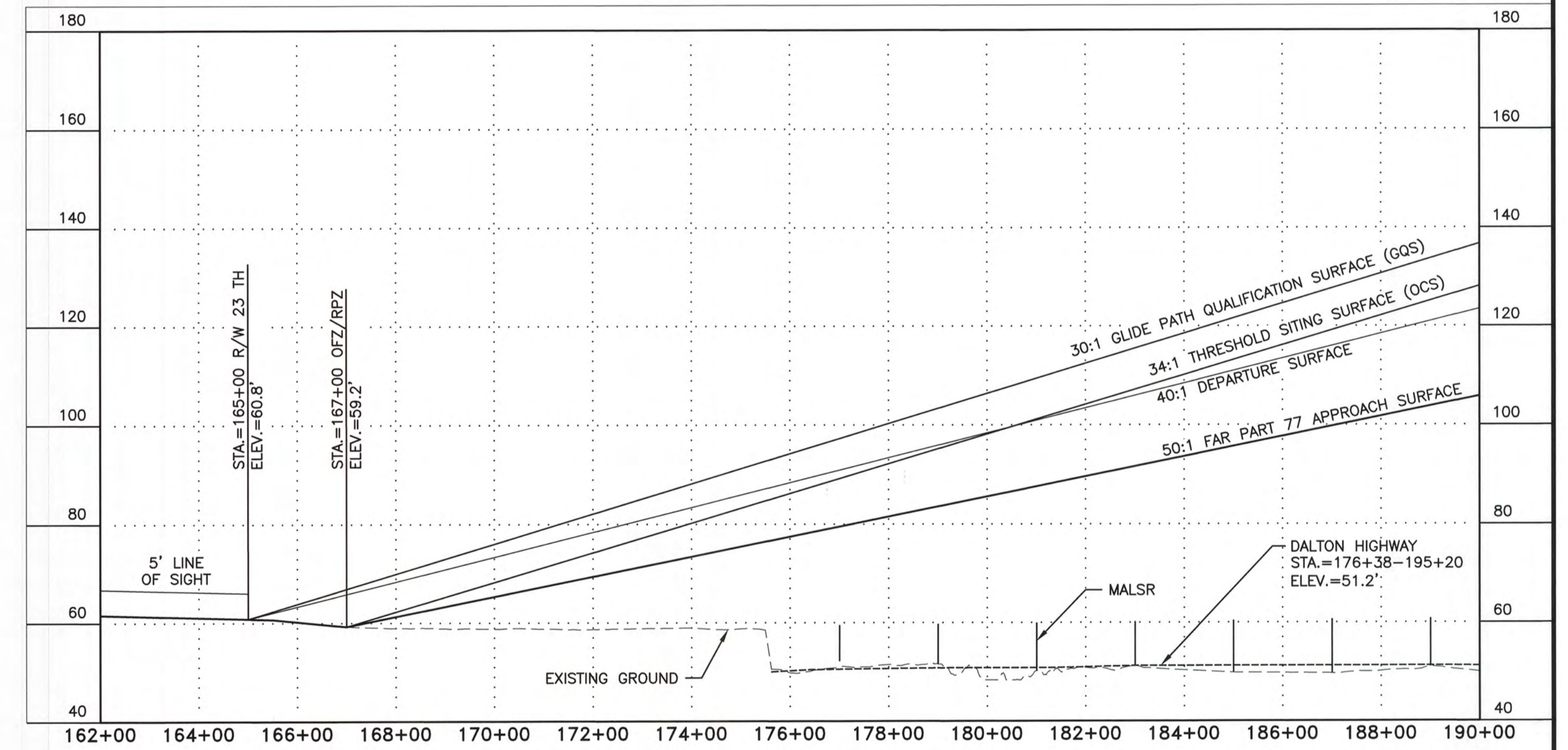
RUNWAY 5 INNER APPROACH PLAN



RUNWAY 23 INNER APPROACH PLAN



RUNWAY 5 INNER APPROACH PROFILE



RUNWAY 23 INNER APPROACH PROFILE

OBSTRUCTION TABLE (INNER PORTION R/W 5)

ID #	DESCRIPTION	STATION/OFFSET	ELEV. (FT)	SURFACE ELEV.	SURFACE PENETRATED	SURFACE PENETRATION	DISPOSITION
NONE							

NOTE:
OBSTRUCTION SURVEY SOURCE: FAA AGIS, WHPACIFIC, 2012.

OBSTRUCTION TABLE (INNER PORTION R/W 23)

ID #	DESCRIPTION	STATION/OFFSET	ELEV. (FT)	SURFACE ELEV.	SURFACE PENETRATED	SURFACE PENETRATION	DISPOSITION
NONE							

DESIGN HPF
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DEADHORSE AIRPORT
DEADHORSE, AK
EXISTING & ULTIMATE INNER APPROACH SURFACE

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4000 0 2000 4000
FEET



AIRSPACE PLAN

VICINITY MAP

SECTIONS 23,24,25,26,27,34,35 & 36 T10N,R14E
SECTIONS 19,30 & 31 T10N,R15E
UMIAT MERIDIAN, ALASKA
USGS BEECHY POINT QUAD (A-3)

DESIGN	HPF
DRAWN	HPF/RA
CHECKED	CFJ

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DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
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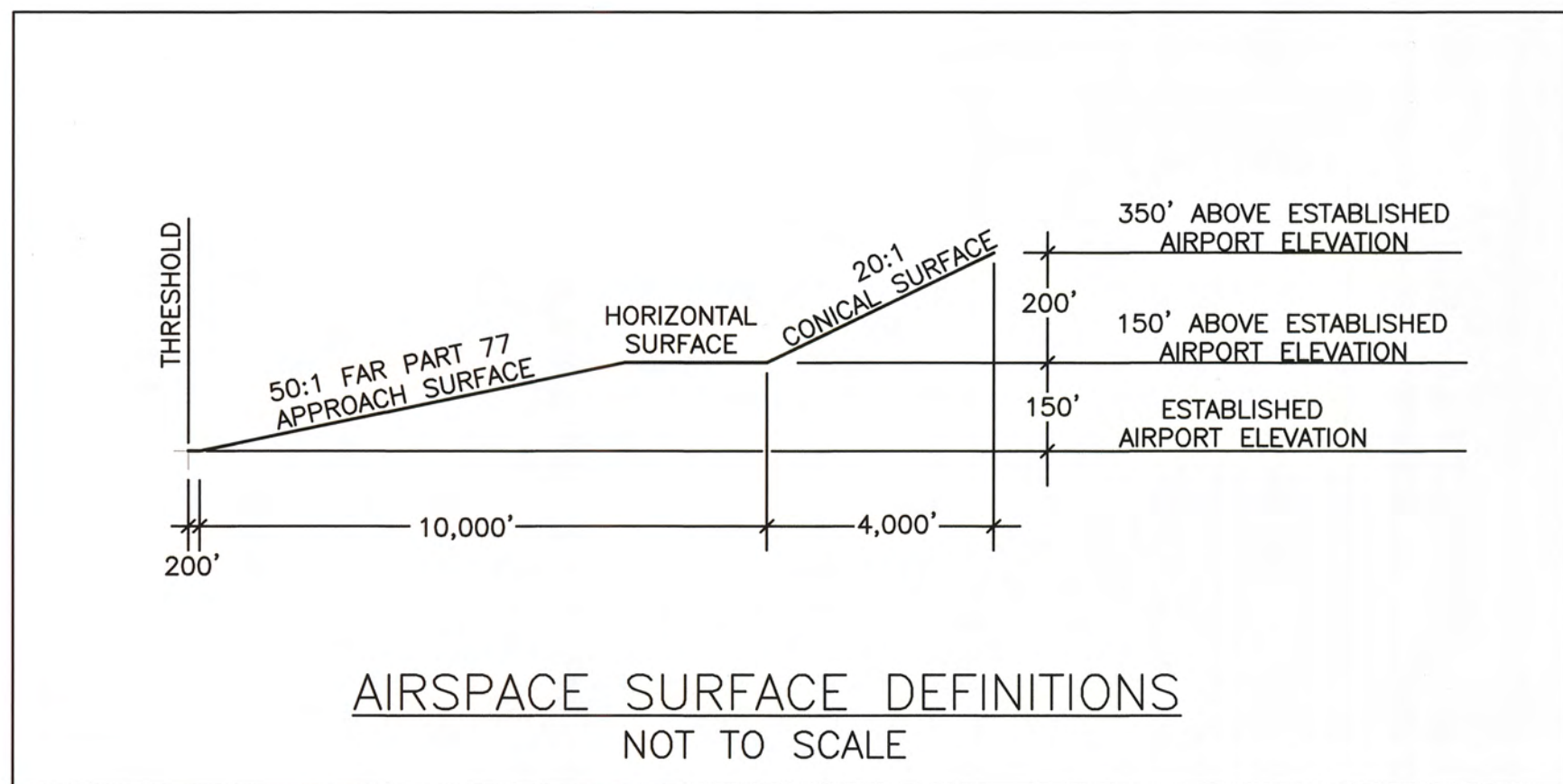
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DEADHORSE AIRPORT
DEADHORSE, AK
AIRPORT AIRSPACE (FAR PART 77) PLAN

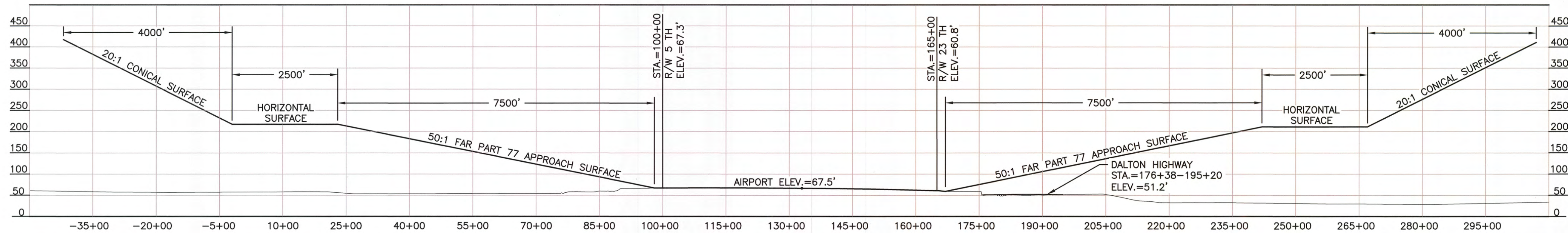
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LEGEND	
— ELEV. = 217.3' —	AIRSPACE ELEVATION (SURFACE DIVIDERS)
— — — — —	AIRSPACE SURFACE DIVIDERS (NON CONTROLLING)
— 267.3' — — — — —	AIRSPACE ELEVATION (50' INCREMENTS)
..... 60	EXISTING GROUND ELEVATIONS
— — — — —	RUNWAY CENTERLINE (EXTENDED)



F.A.R. PART 77 SURFACE OBSTRUCTION TABLE							
ID #	DESCRIPTION	STATION/OFFSET	ELEV. (FT)	SURFACE ELEV.	SURFACE PENETRATED	SURFACE PENETRATION	DISPOSITION
	NONE						

NOTE:
OBSTRUCTION SURVEY SOURCE: FAA AGIS, WHPACIFIC, 2012.



AIRSPACE PROFILE

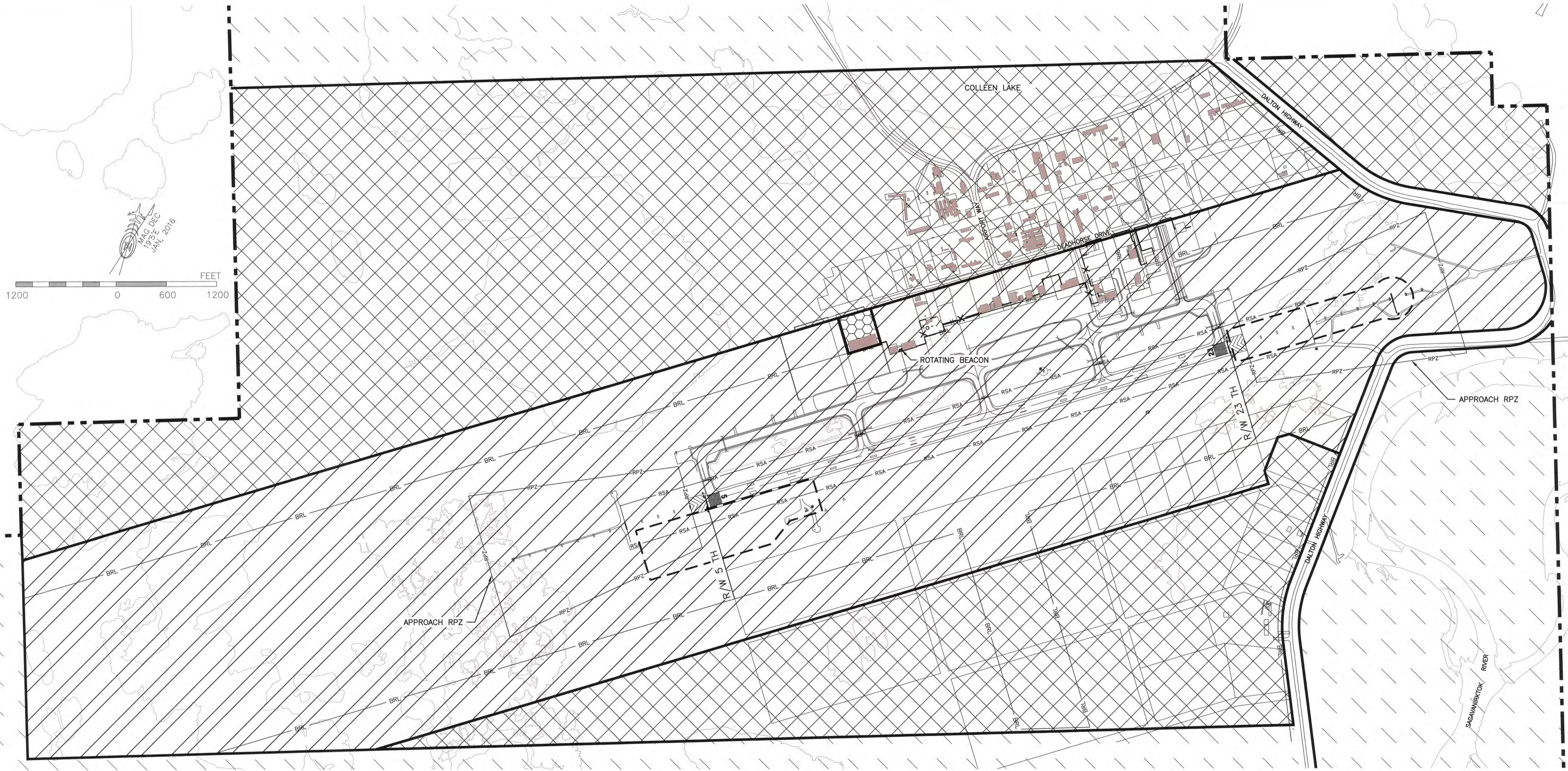
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DEADHORSE AIRPORT
DEADHORSE, AK
AIRPORT AIRSPACE (FAR PART 77) PROFILE



LEGEND

ROADS	AVIATION USE AREA	AVIGATION & HAZARD EASEMENT
BUILDINGS	NON-AERONAUTICAL USE AREA APPROVED BY FAA; MARCH 12, 2012	USE AREA BOUNDARY
AIRPORT PROPERTY BOUNDARY	AVIATION USE AREA WITH NON-AERONAUTICAL COMPONENT APPROVED BY FAA; JANUARY 26, 2014	

NOTE: AVIGATION & HAZARD EASEMENT EXTENDS TO AIRPORT PROPERTY BOUNDARY

DESIGN HPF
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 DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
 NORTHERN REGION-AVIATION

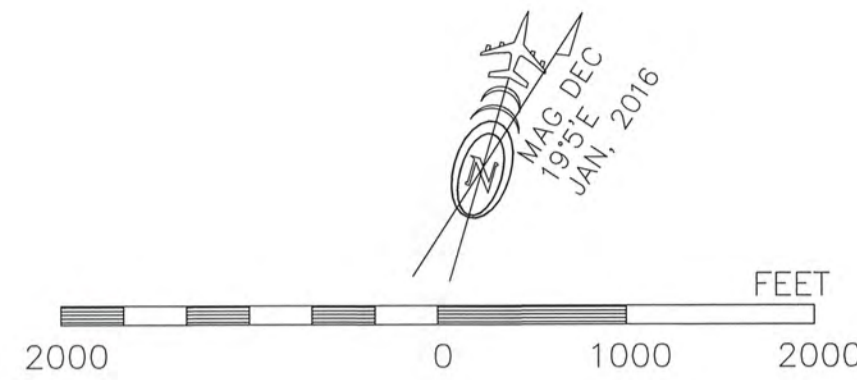
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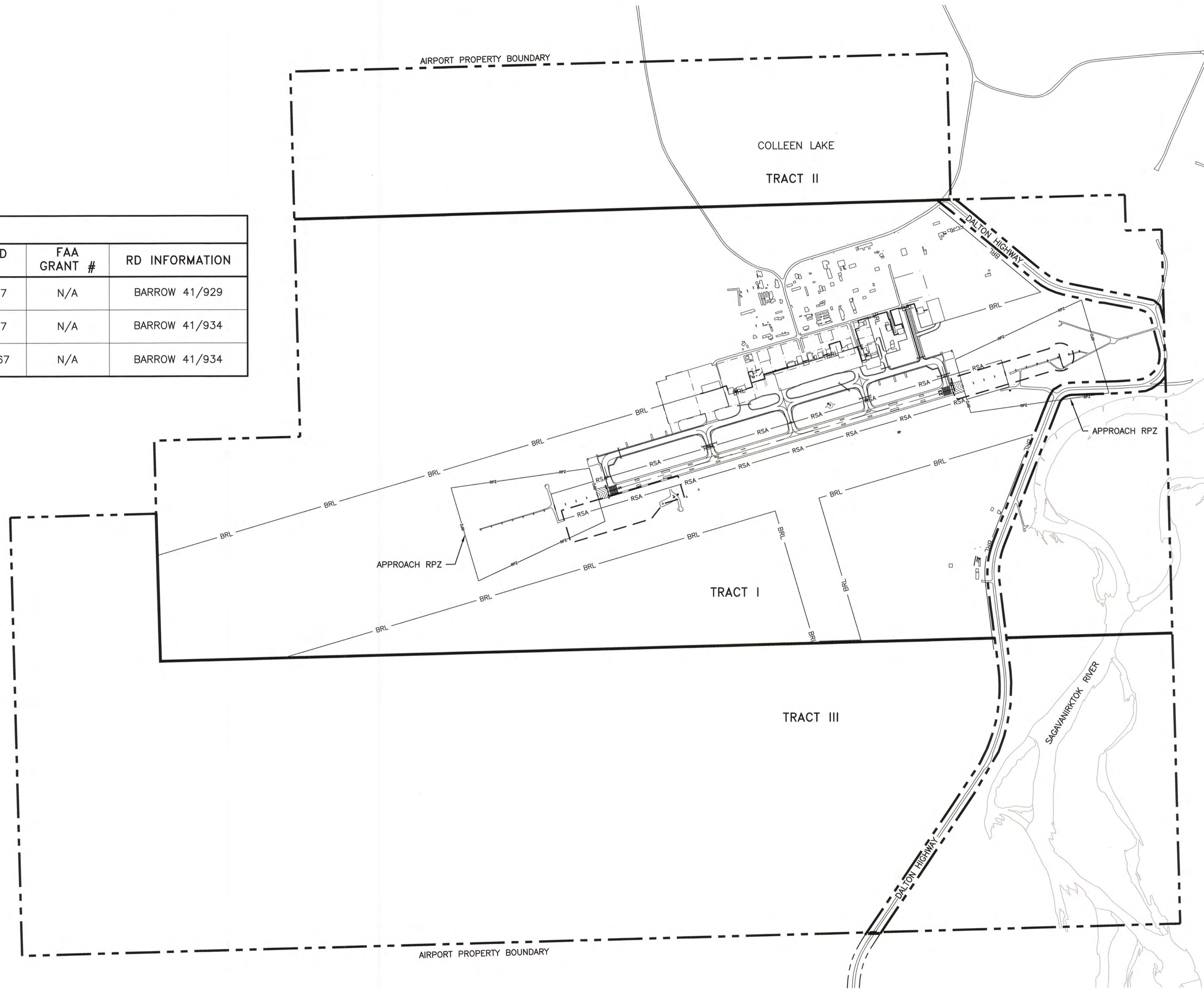
BY	DATE	NO.	REVISIONS	FAA

DEADHORSE AIRPORT
 DEADHORSE, AK
 AIRPORT LAND USE

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PROPERTY STATUS							
TRACT	ACRES	GRANTOR	INTEREST	CONVEYANCE DOCUMENT	ACQUIRED DATE	FAA GRANT #	RD INFORMATION
I	2,790	SOA-DNR	PERP MGMT AUTHORITY	ILMA (AMENDED)	3/28/1967	N/A	BARROW 41/929
II	714	SOA-DNR	PERPETUAL EASEMENT AND ROW	PAHE AND ROW	9/26/1967	N/A	BARROW 41/934
III	3,002	SOA-DNR	PERPETUAL EASEMENT AND ROW	PAHE AND ROW	11/16/1967	N/A	BARROW 41/934



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BY	DATE	NO.	REVISIONS	FAA

BY	DATE	NO.	REVISIONS	FAA

DEADHORSE AIRPORT
 DEADHORSE, AK
 AIRPORT PROPERTY PLAN

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