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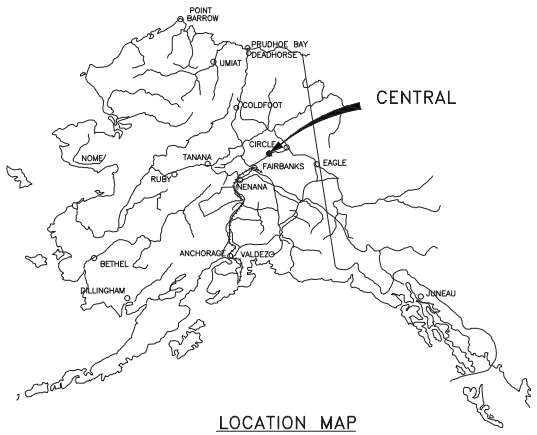
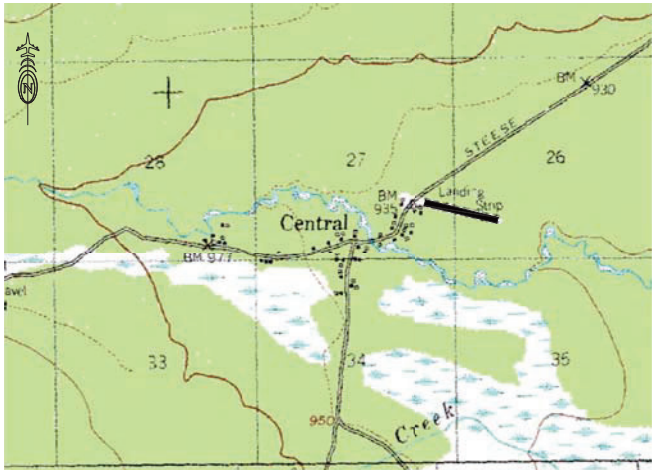


LOCATION MAP

CENTRAL, AIRPORT
AIRPORT LAYOUT PLAN
CENTRAL, ALASKA



VICINITY MAP

SECTIONS 26 & 27
T9N R14E F.M.
USGS QUAD: CIRCLE (C-2)

LEGEND		
ITEM	EXISTING	ULTIMATE
BUILDING RESTTRICTION LINE (B.R.L.)	BRL	SAME
RUNWAY SAFETY AREA (RSA)	RSA RSA	RSA RSA
RUNWAY OBSTACLE FREE ZONE (OFZ)	OFZ OFZ	OFZ OFZ
RUNWAY OBJECT FREE AREA (ROFA)	ROFA ROFA	ROFA ROFA
RUNWAY PROTECTION ZONE (RPZ)	RPZ RPZ	RPZ RPZ
AIRPORT REFERENCE POINT (ARP)		SAME
THRESHOLD LIGHTS		SAME
SUPPLEMENTAL WIND CONE		SAME
WIND CONE & SEGMENTED CIRCLE		SAME
ROTATING BEACON		SAME
ROADWAYS		SAME
EXISTING BUILDING		SAME
AIRPORT PROPERTY BOUNDARY		

SHEET INDEX	
SHHET NO.	DESCRIPTION
1	TITLE SHEET
2	AIRPORT DATA SHEET
3	EXISTING & ULTIMATE AIRPORT LAYOUT PLAN
4	EXISTING & ULTIMATE AIRPORT LAYOUT PLAN
5	AIRPORT AIRSPACE (FAR PART 77) PLAN
6	AIRPORT PROPERTY MAP
7	EXISTING & ULTIMATE INNER APPROACH SURFACE

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DESIGN HPF
DRAWN HPF
CHECKED CFJ

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

APPROVED: _____ DATE 6/8/2020
ALBERT M.L. BECK, P.E. PROJECT DELIVERY LEAD

AIRPORT LAYOUT PLAN CONDITIONAL APPROVAL SUBJECT TO
ALP APPROVAL LETTER DATED 6/8/2020
FAA AIRSPACE REVIEW NUMBER: 2020-AAL-146-NRA

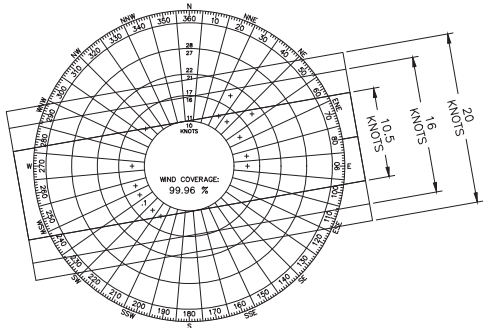
KATRINA C. MOSS Digitally signed by KATRINA C. MOSS Date: 2020.06.08 13:51:03 -08'00' DATE _____
FAA, AIRPORTS DIVISION ALASKAN REGION, AAL-612

BY	DATE	REVISIONS
HPF		ALP UPDATE
HPF	9/20/89	FAA APPROVAL
	3-17-26	FUTURE AWOS

CENTRAL AIRPORT
CENTRAL, ALASKA
TITLE SHEET

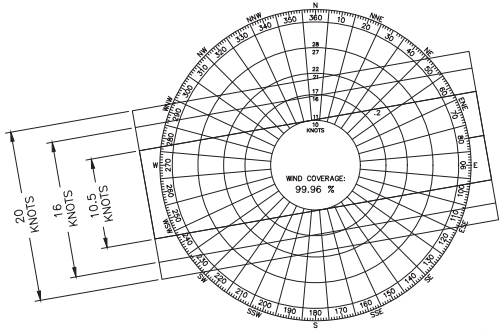
SHEET 1 OF 7

6/4/2020 11:25 AM



SOURCE: NCDC ISH/ISD
STATION NAME: CENTRAL
PERIOD : 2010–2019

ALL–WEATHER



SOURCE: NCDC ISH/ISD
STATION NAME: CENTRAL
PERIOD : 2010–2019

INSTRUMENT METEOROLOGICAL CONDITION

WIND DATA (ALL WEATHER)

RUNWAY	20 kt (C–IV)	16 kt (B–II)	10.5 kt (A–I)
8/26	100.0%	100.0%	99.96%

WIND DATA (IFR)

RUNWAY	20 kt (C–IV)	16 kt (B–II)	10.5 kt (A–I)
8/26	100.0%	100.0%	99.96%

AIRPORT DATA

ITEM	EXISTING	ULTIMATE
ICAO IDENTIFIER	PACE	SAME
NATIONAL AIRPORT IDENTIFIER	CEM	SAME
FAA SITE NUMBER	50090.A*	SAME
AIRPORT REFERENCE CODE (ARC)	B–I–SMALL	SAME
NPIAS SERVICE LEVEL (P, CS, R, GA)	GA	SAME
AIRPORT ELEVATION (NAVD83)	936.4'	SAME
MEAN MAX. TEMPERATURE, HOTTEST MONTH	58.7°F	SAME
OBSTRUCTION SURVEY SOURCE & TYPE	FAA WAAS	SAME
MAGNETIC DECLINATION, YEAR, RATE OF CHANGE	16° 28' E, 2024, 0° 19' W / YEAR	SAME
AIRPORT AND TERMINAL NAVIGATION AIDS	ROTATING BEACON, LIGHTED WIND CONE	SAME

GEOGRAPHIC COORDINATES (NAD83) & ELEVATIONS (NAVD88)

ITEM	EXISTING LATITUDE	EXISTING LONGITUDE	EXISTING ELEVATION	ULTIMATE LATITUDE	ULTIMATE LONGITUDE	ULTIMATE ELEVATION
AIRPORT REFERENCE POINT	65°34'26.20" N	144°46'51.20" W	936.40'	SAME	SAME	SAME
R/W 8 THRESHOLD	65°34'29.44" N	144°47'23.61" W	936.50'	SAME	SAME	SAME
R/W 8 DISPLACE THRESHOLD	65°34'29.14" N	144°47'20.57" W	935.94'	SAME	SAME	SAME
R/W 26 THRESHOLD	65°34'23.04" N	144°46'18.81" W	915.73'	SAME	SAME	SAME

DECLARED DISTANCES

	RUNWAY	TORA	TODA	ASDA	LDA
EXISTING	R/W 8	2802'	2802'	2802'	2670'
	R/W 26	2802'	2802'	2802'	2802'
ULTIMATE	R/W 8	SAME	SAME	SAME	SAME
	R/W 26	SAME	SAME	SAME	SAME

NONSTANDARD CONDITIONS

ITEM	STANDARD	EXISTING	ULTIMATE
N/A			

MODIFICATION TO STANDARD

ITEM	STANDARD	EXISTING	ULTIMATE	AIRSPACE NO.	APPROVAL DATE
NONE REQUIRED					

RUNWAY 8–26 DATA

ITEM	EXISTING	ULTIMATE
FAR PART 77 APPROACH CATEGORY (UTILITY, OTHER THAN UTILITY)	UTILITY	SAME
FAR PART 77 APPROACH TYPE (V, C, NPA, PA)	NPA	SAME
RUNWAY DESIGN CODE (RDC)	B–I–VIS	SAME
RUNWAY REFERENCE CODE (RRC)	B/I/VIS	SAME
CRITICAL AIRCRAFT	PA–31 Navajo	SAME
FAR PART 77 APPROACH SLOPE	20:1	SAME
APPROACH TSS SLOPE	20:1	SAME
RUNWAY SURFACE	GRAVEL	SAME
PAVEMENT STRENGTH (SW, DW, DTW x1000lbs)	N/A	SAME
TRUE MEAN BEARING	S 77°40'02" E	SAME
MAXIMUM ELEVATION ABOVE MSL	936.4'	SAME
EFFECTIVE GRADE	0.73 %	SAME
RUNWAY TOUCHDOWN ZONE ELEVATIONS (NAVD88)	R/W 8: 936.4'	SAME
	R/W 26: 915.7'	SAME
R/W 8 DISPLACE THRESHOLD ELEVATION (NAVD88)	936.40'	
RUNWAY DIMENSIONS	60' X 2802'	SAME
RUNWAY SAFETY AREA (RSA) DIMENSIONS	120' X 3282'	SAME
RSA LENGTH BEYOND RUNWAY ENDS	240'	SAME
RUNWAY PROTECTION ZONE (RPZ) DIMENSIONS	250' X 450' X 1000'	SAME
RUNWAY OBJECT FREE AREA (ROFA) DIMENSIONS	250' X 3282'	SAME
ROFA LENGTH BEYOND RUNWAY ENDS	240'	SAME
RUNWAY OBSTACLE FREE ZONE (ROFZ) DIMENSIONS	250' X 3202'	SAME
PRECISION OBJECT FREE ZONE (POFZ) DIMENSIONS	N/A	SAME
RUNWAY LIGHTING TYPE	MIRL	SAME
RUNWAY MARKING TYPE (P, NP, NONE)	NONE	SAME
RUNWAY VISUAL APPROACH AIDS	NONE	SAME
RUNWAY VISIBILITY MINIMUM	VISUAL	SAME
RUNWAY LANDING AIDS	RNAV/GPS	SAME

NOTES:

1. THIS DRAWING SET IS A COMPILATION OF GROUND SURVEY IN SEPTEMBER, 2016.
2. THE COORDINATE SYSTEM USED FOR THIS SURVEY IS NAD83 (2011) ALASKA STATE PLANE ZONE 3 IN U.S. SURVEY FEET.
3. THE VERTICAL DATUM IS NAVD 88 USING GEOID12A.

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DESIGN HPF
DRAWN HPF
CHECKED CFJ

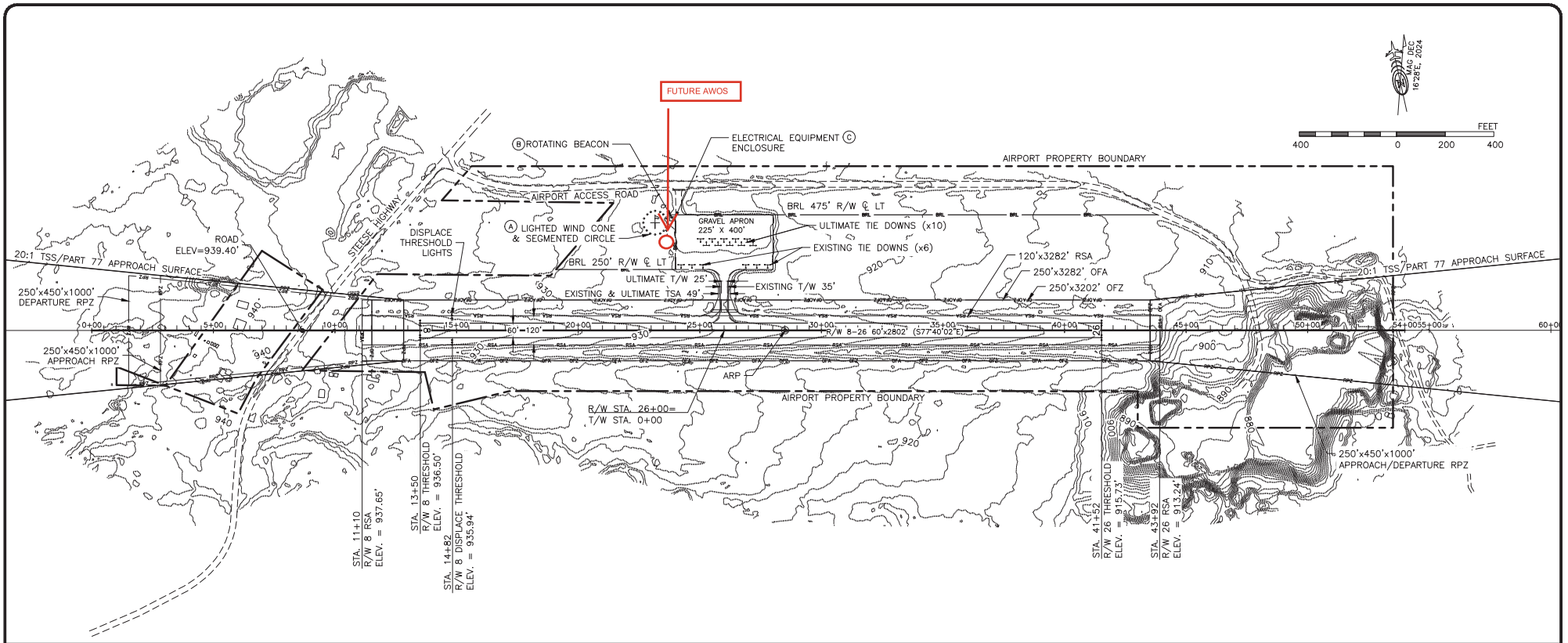
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
NORTHERN REGION–AVIATION
APPROVED: _____ DATE 6/8/2020
ALBERT M.L. BECK, P.E. PROJECT DELIVERY LEAD

BY	DATE	NO.	REVISIONS	FAA

BY	DATE	NO.	REVISIONS	FAA

CENTRAL AIRPORT
CENTRAL, ALASKA
AIRPORT DATA SHEET

SHEET 2 OF 7



BUILDINGS/FACILITIES

BLD/FAC	DESCRIPTION	STATION/OFFSET	TOP ELEV.	REMARKS
Ⓐ	LIGHTED WIND CONE & SEGMENTED CIRCLE	STA 23+15/442.5' LT	947'	NO PENETRATION
Ⓑ	ROTATING BEACON	STA 23+83/465' LT	961'	NO PENETRATION
Ⓒ	ELECTRICAL EQUIPMENT ENCLOSURE	STA 23+91/461' LT	937'	NO PENETRATION

TAXIWAY DATA

ITEM	EXISTING	ULTIMATE
TAXIWAY DESIGN GROUP	I / 2	I / 1A
TAXIWAY DIMENSIONS	35' X 190'	25' X 190'
TAXIWAY SHOULDER WIDTH	15'	10'
SEPARATION FROM PARALLEL RUNWAY	NONE	SAME
TAXIWAY (TSA) WIDTH	49'	SAME
TAXIWAY OBJECT FREE AREA (TOFA) WIDTH	89'	SAME
TAXIWAY LIGHTING	MITL	SAME
TAXIWAY MARKING	NONE	SAME

DESIGN HPF
DRAWN HPF
CHECKED CFJ

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
NORTHERN REGION–AVIATION
APPROVED: Albert Beck
ALBERT M.L. BECK, P.E. PROJECT DELIVERY LEAD
DATE 6/8/2020

BY	DATE	NO.	REVISIONS	FAA

BY	DATE	NO.	REVISIONS	FAA
	3-17-26		FUTURE AWOS	

CENTRAL AIRPORT
CENTRAL, ALASKA
EXISTING / ULTIMATE
AIRPORT LAYOUT PLAN

SHEET 3 OF 7

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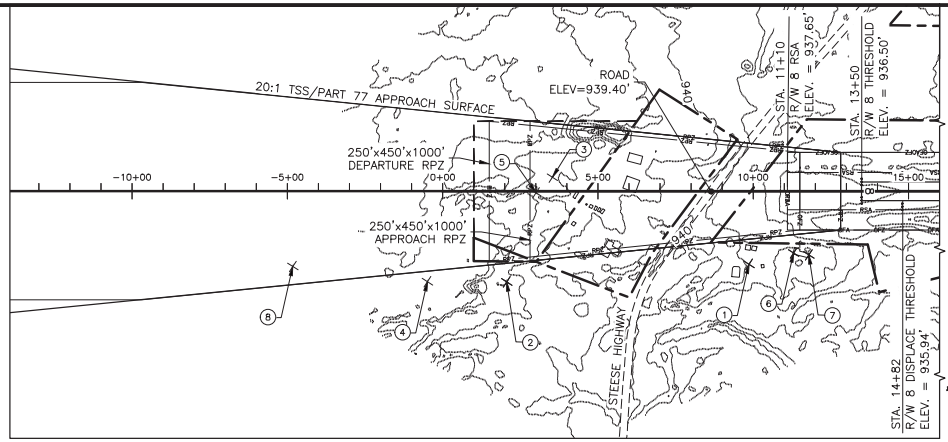
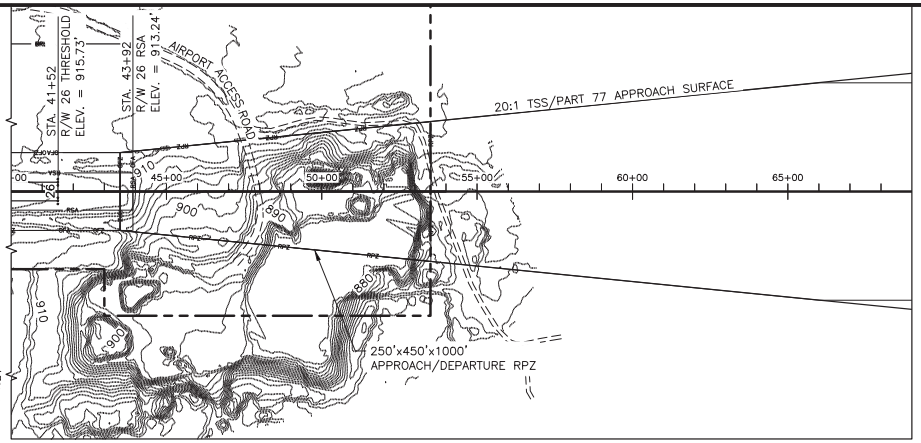


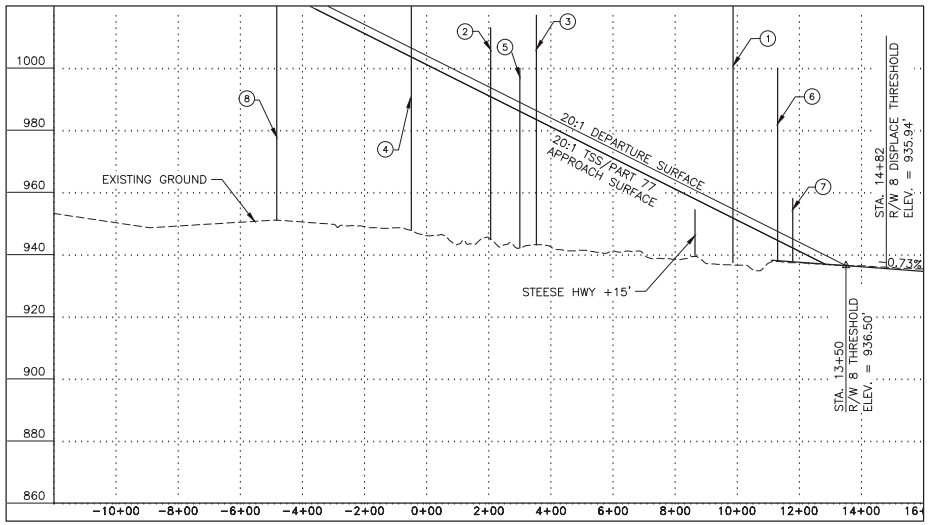
RUNWAY 8 INNER APPROACH PLAN



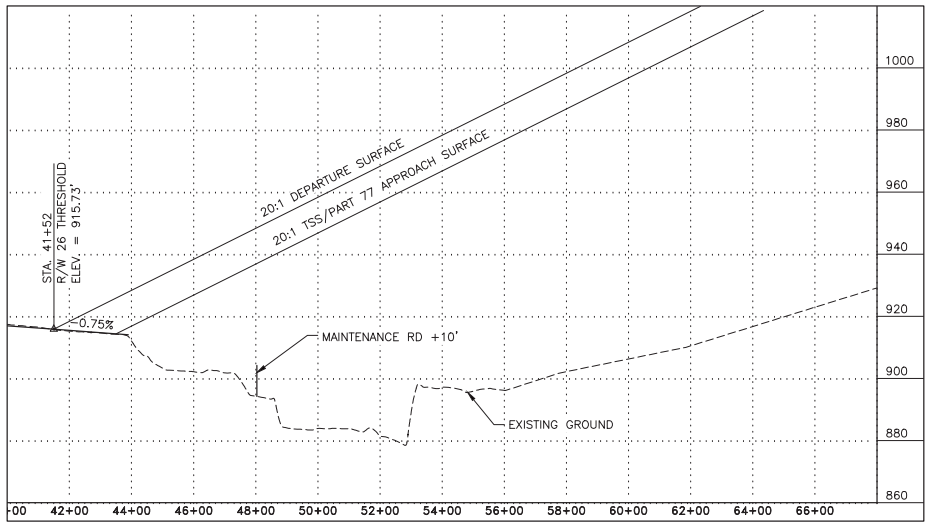
RUNWAY 26 INNER APPROACH PLAN

MAG DEC
16°28'E, 2024

FEET
400 0 200 400



RUNWAY 8 INNER APPROACH PROFILE



RUNWAY 26 INNER APPROACH PROFILE

NOTES:

1. TSS DIMENSION = 250'x700'x2250'x2750' (TYPE 2, TABLE 3-2, AC 150/5300-13A)
2. TSS SLOPE EXTENDS 5000' AT 20:1
3. PART 77 APPROACH SURFACE DIMENSION = 250'x1250'x5000'
4. PART 77 APPROACH SURFACE EXTENDS 5000' AT 20:1
5. PART 77 ROAD OBSTRUCTION HEIGHTS ARE INCLUDED (10' FOR PRIVATE ROAD & 15' FOR PUBLIC ROAD)

DESIGN HPF
DRAWN HPF
CHECKED CFJ

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
NORTHERN REGION-AVIATION
APPROVED: _____ DATE 6/8/2020
ALBERT M.L. BECK, P.E. PROJECT DELIVERY LEAD

BY	DATE	NO.	REVISIONS	FAA

BY	DATE	NO.	REVISIONS	FAA

CENTRAL AIRPORT
CENTRAL, ALASKA
EXISTING / ULTIMATE
INNER APPROACH SURFACE

SHEET 4 OF 7

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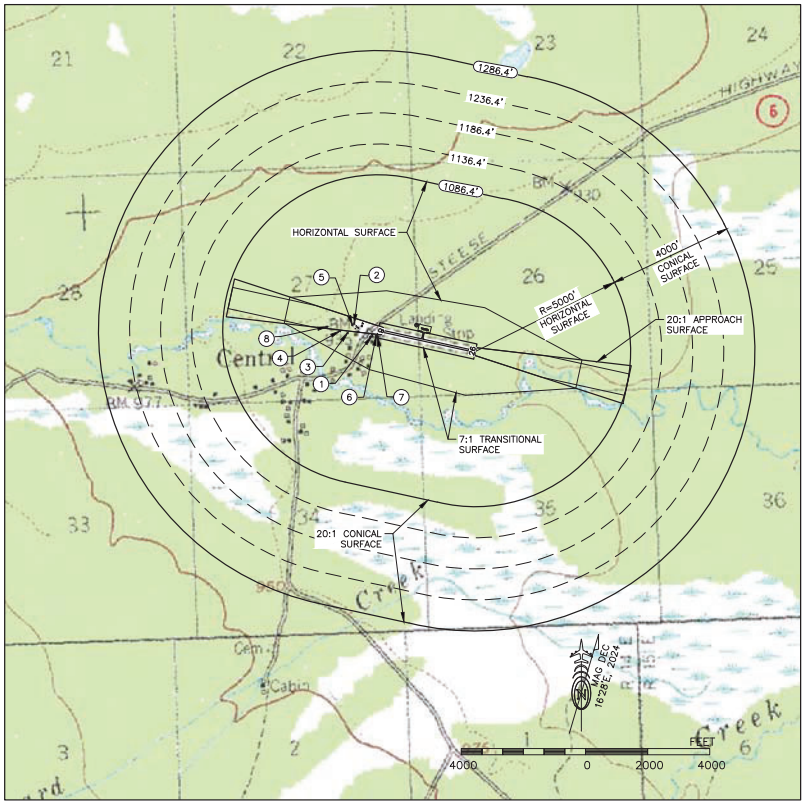
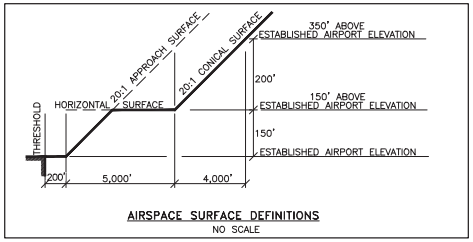
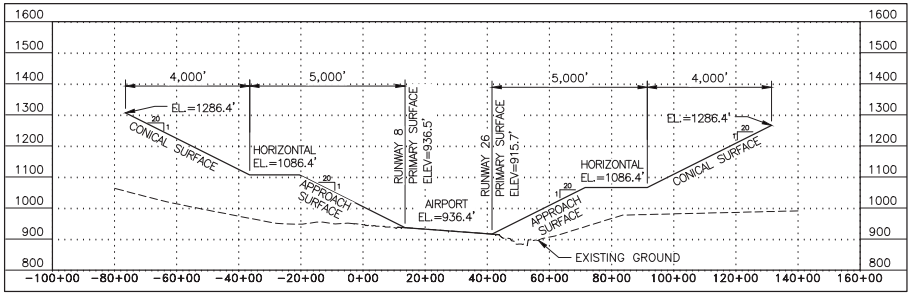


AIRSPACE PLAN



AIRSPACE SURFACE DEFINITIONS
NO SCALE



AIRSPACE PROFILE

LEGEND

1086.4'	AIRSPACE ELEVATION (SURFACE DIVIDERS)
	AIRSPACE SURFACE DIVIDERS (NON CONTROLLING)
— 1136.4' —	AIRSPACE ELEVATION (50' INCREMENTS)
- - - - - - - - - - - -	EXISTING GROUND ELEVATIONS
	RUNWAY CENTERLINE (EXTENDED)

FAR PART 77 SURFACE OBSTRUCTION TABLE

ID #	DESCRIPTION	LATITUDE	LONGITUDE	STATION OFFSET	ELEV. (MSL)	PENETRATION	DISPOSITION
①	TREE	N 65° 34' 28.02"	W 144° 47' 31.28"	9+86/235' R	1016'	69.23'	REMOVE
②	TREE	N 65° 34' 32.15"	W 144° 47' 46.37"	0+06/292' R	1013'	30.48'	REMOVE
③	TREE	N 65° 34' 29.26"	W 144° 47' 51.63"	3+53/45' L	1017'	27.13'	REMOVE
④	TREE	N 65° 34' 29.85"	W 144° 47' 57.53"	-0+49/291' R	1024'	21.36'	REMOVE
⑤	TREE	N 65° 34' 31.79"	W 144° 47' 47.87"	3+00/5.3' R	1000'	14.84'	REMOVE
⑥	POLE ON BUILDING	N 65° 34' 28.04"	W 144° 47' 29.76"	11+29/199' R	958'	14.31'	TO REMAIN
⑦	BUILDING	N 65° 34' 27.87"	W 144° 47' 28.66"	11+79/205' R	952'	10.76'	TO REMAIN
⑧	TREE	N 65° 34' 31.31"	W 144° 48' 07.28"	-4+83/242' R	1025'	0.69'	REMOVE

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STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
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ALBERT M.L. BECK, P.E. PROJECT DELIVERY LEAD

BY	DATE	NO.	REVISIONS	FAA

BY	DATE	NO.	REVISIONS	FAA

CENTRAL AIRPORT
CENTRAL, ALASKA
AIRPORT AIRSPACE (FAR PART 77) PLAN

SHEET 5 OF 7

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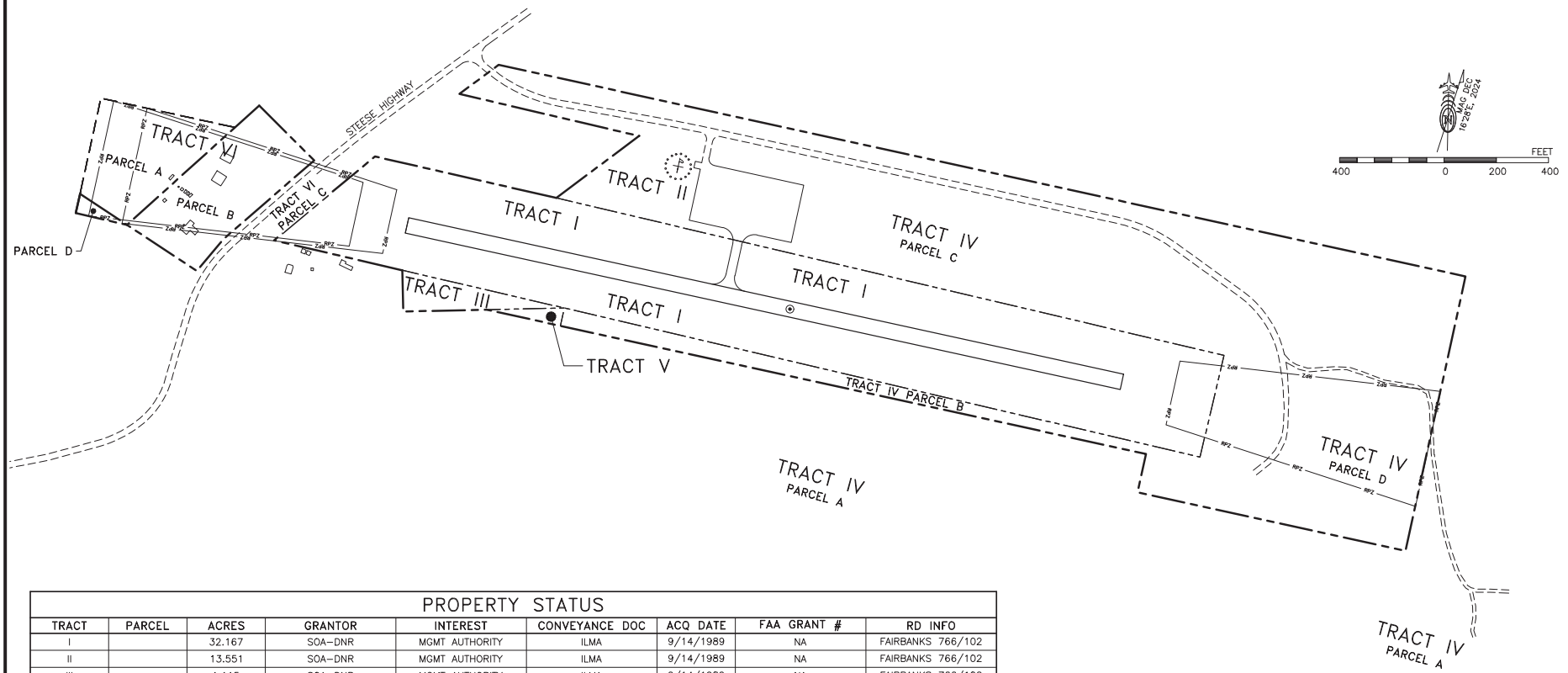

PROPERTY STATUS

TRACT	PARCEL	ACRES	GRANTOR	INTEREST	CONVEYANCE DOC	ACQ DATE	FAA GRANT #	RD INFO
I		32.167	SOA–DNR	MGMT AUTHORITY	ILMA	9/14/1989	NA	FAIRBANKS 766/102
II		13.551	SOA–DNR	MGMT AUTHORITY	ILMA	9/14/1989	NA	FAIRBANKS 766/102
III		1.115	SOA–DNR	MGMT AUTHORITY	ILMA	9/14/1989	NA	FAIRBANKS 766/102
IV	A	164	SOA–DNR					
IV	B	3.017	SOA–DNR	MGMT AUTHORITY	ILMA	9/14/1989	NA	FAIRBANKS 766/102
IV	C	15.191	SOA–DNR	MGMT AUTHORITY	ILMA	9/14/1989	NA	FAIRBANKS 766/102
IV	D	21.418	SOA–DNR	MGMT AUTHORITY	ILMA	9/14/1989	NA	FAIRBANKS 766/102
V		0.247	JANE & H.O. WILLIAMS	FEE SIMPLE	WARRANTY DEED	7/23/1991	3–02–0045–01	FAIRBANKS 714/711
VI	A	3.588		FUTURE ACQUISITION				
VI	B	4.388	JANE & H.O. WILLIAMS	AVIGATION EASEMENT	PAHE & ROW	7/23/1991	3–02–0045–01	FAIRBANKS 714/703
VI	C	1.956	USA	FEE SIMPLE	OMNIBUS DEED *			
VI	D	0.176	SOA–DNR	MGMT AUTHORITY	ILMA	9/14/1989	NA	FAIRBANKS 766/102

PAHE & ROW – PERMIT, AVIGATION AND HAZARD EASEMENT & RIGHT OF WAY

* STEESE HIGHWAY – NOT AIRPORT PROPERTY

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

APPROVED: Albert Beck DATE 6/8/2020
ALBERT M.L. BECK, P.E. PROJECT DELIVERY LEAD

BY	DATE	NO.	REVISIONS	FAA

BY	DATE	NO.	REVISIONS	FAA

CENTRAL AIRPORT
CENTRAL, ALASKA
AIRPORT PROPERTY MAP

SHEET 6 OF 7

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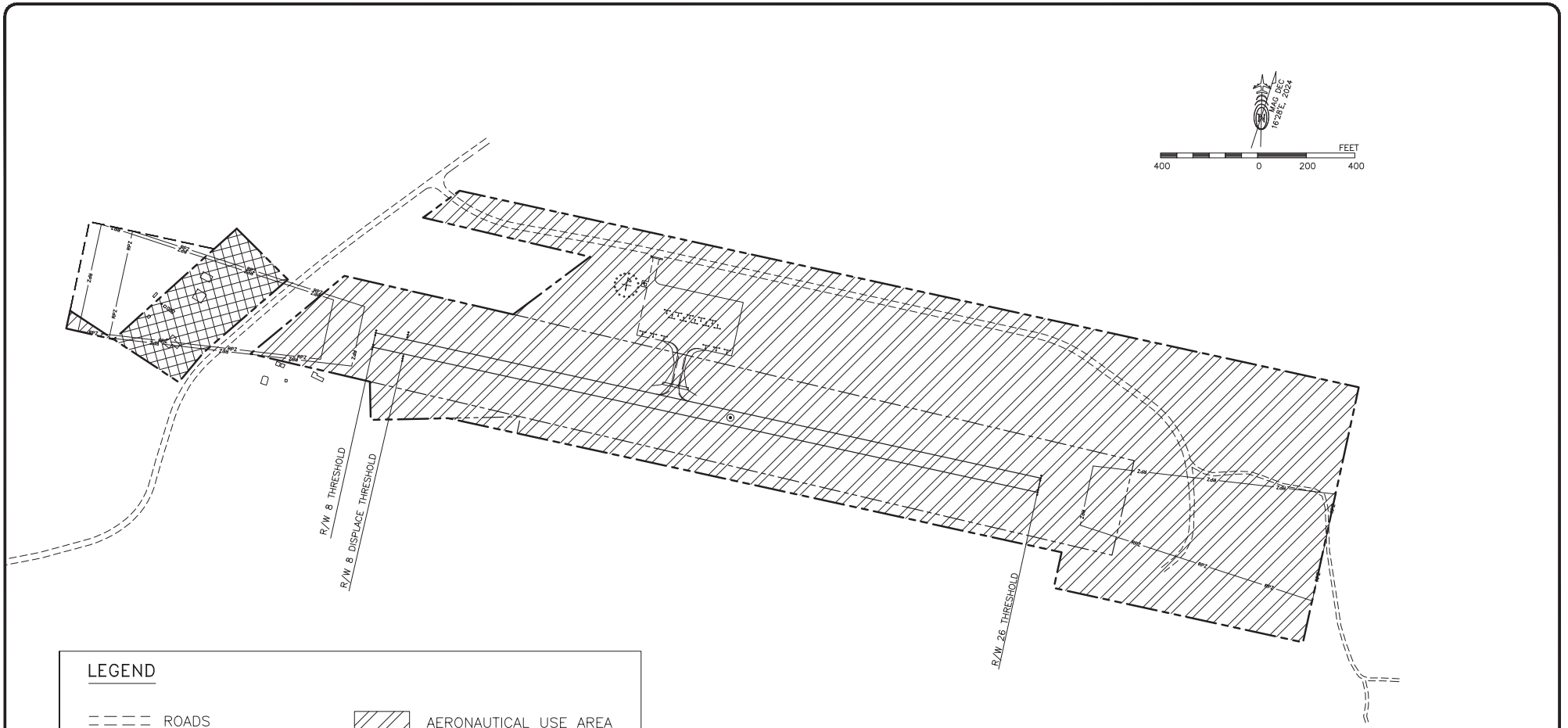

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NORTHERN REGION–AVIATION
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ALBERT M.L. BECK, P.E. PROJECT DELIVERY LEAD

BY	DATE	NO.	REVISIONS	FAA

BY	DATE	NO.	REVISIONS	FAA

CENTRAL AIRPORT
CENTRAL, ALASKA
AIRPORT LAND USE

SHEET 7 OF 7