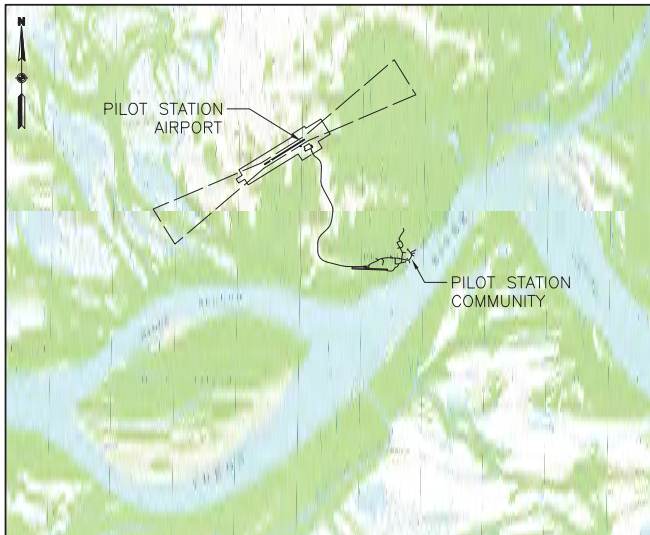


LOCATION MAP

# PILOT STATION, ALASKA AIRPORT LAYOUT PLAN PILOT STATION AIRPORT



VICINITY MAP

PILOT STATION, ALASKA  
SEC 30 & 31, T. 22N, R. 75 W,  
& SEC 25 & 36, T. 22 N, R. 76 W  
USGS MARSHALL (D-3)

SCALE: 1" = 1 MILE  
0 1/2 1

LEGEND		
ITEM	EXISTING	ULTIMATE
PROPERTY LINE	----	----
CENTER LINE	----	----
RUNWAY SAFETY AREA	--- RSA --- RSA ---	--- RSA --- --- RSA ---
RUNWAY OBSTACLE FREE ZONE	--- OFZ --- OFZ ---	--- OFZ --- --- OFZ ---
RUNWAY OBJECT FREE AREA	--- ROFA --- ROFA ---	--- ROFA --- --- ROFA ---
BUILDING RESTRICTION LINE	--- BRL ---	--- BRL ---
RUNWAY PROTECTION ZONE	--- RPZ ---	--- RPZ --- --- RPZ ---
DEVELOPMENT	[ ]	[ ]
WIND CONE AND SEGMENTED CIRCLE	⊙	
WIND CONE ONLY	⊙	
BUILDING	[ ]	[ ]
ROADWAY	====	====
FENCING	x-----x	x-----x
LIGHTING	⊙	⊙
AIRPORT REFERENCE POINT	⊙	⊙
PACS AND SACS	⊙	⊙
ROATATION BEACON	⊙	⊙
ANTENNA/TOWER	△	△
PAPI	—100—	—100—
CONTOUR	—100—	—100—
THRESHOLD	—○○○ ○○○—	—○○○ ○○○—
OVERHEAD POWER	—	—

SHEET INDEX	
SHEET NO.	DESCRIPTION
1	COVER
2	AIRPORT DATA
3	EXISTING AIRPORT LAYOUT PLAN
4	ULTIMATE AIRPORT LAYOUT PLAN
5	INNER PORTION OF APPROACH SURFACE
6	TERMINAL AREA
7	AIRPORT AIRSPACE
8	AIRSPACE COMPOSITE PROFILES
9	AIRPORT LAND USE
10	AIRPORT PROPERTY PLAN

DESIGN REH  
DRAWN MKM  
CHECKED MJM

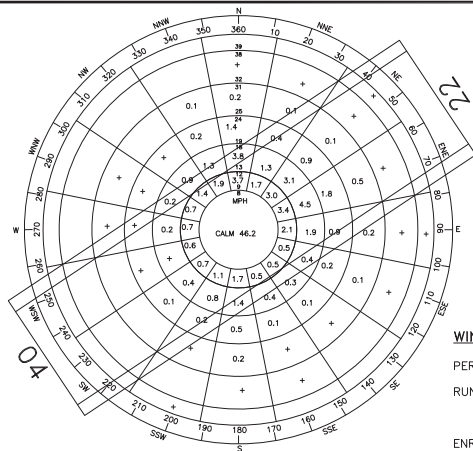
STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES  
NORTHERN REGION-AVIATION  
APPROVED: Albert M.L. Beck DATE 7/14/2020  
ALBERT M.L. BECK, P.E. PROJECT DELIVERY LEAD

AIRPORT LAYOUT PLAN CONDITIONAL APPROVAL SUBJECT TO  
ALP APPROVAL LETTER DATED 00AAL-168-NRA  
FAA AIRSPACE REVIEW NUMBER: 12/3/03  
**As-Built Accepted**  
DATE \_\_\_\_\_  
FAA, AIRPORTS DIVISION ALASKAN REGION, AAL- \_\_\_\_\_

BY	DATE	REVISIONS
MBI	APR 2020	AS-BUILT

PILOT STATION AIRPORT  
PILOT STATION, ALASKA  
COVER

SHEET  
1 OF  
10



**WIND ROSE/ WIND DATA**

PERCENT WIND COVERAGE

RUNWAY 04-22  
 12 MPH: 89%  
 15 MPH: 95%

ENRI UNIVERSITY OF ALASKA, ANCHORAGE  
 WIND DATA PERIOD: 08/05/95 TO 10/07/97  
 SEE NOTE 4

AIRPORT DATA		
ITEM	EXISTING	ULTIMATE
ICAO IDENTIFIER	KPQS	SAME
NATIONAL AIRPORT IDENTIFIER	OAK	SAME
FAA SITE NUMBER	50594.7*A	SAME
AIRPORT REFERENCE CODE (ARC)	B-II	SAME
NPIAS SERVICE LEVEL (P, CS, R, GA)	CS	SAME
AIRPORT ELEVATION (NAVD88)	472.8'	SAME
MEAN MAX. TEMPERATURE, HOTTEST MONTH	63.8', JULY	SAME
OBSTRUCTION SURVEY SOURCE & TYPE	VGS COMPLETED 10/19	SAME
MAGNETIC DECLINATION, YEAR, RATE OF CHANGE	9°8' E, 2024, 0°17" W	SAME
AIRPORT AND TERMINAL NAVIGATION AIDS	LIGHTED WIND CONES	LIGHTED WIND CONES, AWOS

RUNWAY 04-22 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)	NPA	SAME
RUNWAY DESIGN CODE (RDC)	B-II-5000	B-II-4000
RUNWAY REFERENCE CODE (RRC)	B-II-5000	B-II-4000
CRITICAL AIRCRAFT	BEECHCRAFT 1900	SAME
APPROACH VISIBILITY MINIMUM	≥1 MILE	≥3/4 MILE
FAR PART 77 APPROACH SLOPE	34:1	SAME
APPROACH TSS SLOPE	20:1	SAME
RUNWAY SURFACE	GRAVEL	SAME
PAVEMENT STRENGTH (SW, DW, DTW x1000lbs)	N/A	SAME
TRUE MEAN BEARING	N 57°22'43" E	SAME
MAXIMUM ELEVATION ABOVE MSL	472.8'	SAME
EFFECTIVE GRADE	0.52%	0.51%
RUNWAY TOUCHDOWN ZONE ELEVATIONS (NAVD88)	RW 04: 452.0'	RW 04: 450.3'
	RW 22: 472.8'	SAME
RUNWAY DIMENSIONS	75' x 4000'	75' x 4400'
RUNWAY SAFETY AREA (RSA) DIMENSIONS	150' x 4600'	150' x 5000'
RSA LENGTH BEYOND RW ENDS	300	300
RUNWAY PROTECTION ZONE (RPZ) DIMENSIONS	1000' x 700' x 500'	APPROACH-1700' x 1010' x 1000' DEPARTURE-1000' x 700' x 500'
RUNWAY OBJECT FREE AREA (ROFA) DIMENSIONS	500' x 4600'	500' x 5000'
ROFA LENGTH BEYOND RW ENDS	300	300
RUNWAY OBSTACLE FREE ZONE (ROFZ) DIMENSIONS	400' x 4400'	400' x 4800'
PRECISION OBJECT FREE ZONE (POFZ) DIMENSIONS	N/A	SAME
RUNWAY LIGHTING TYPE	MIRL	HIRL
RUNWAY MARKING TYPE (P, NP, NONE)	NONE	NONE
RUNWAY VISUAL APPROACH AIDS	NONE	REILS, MALSR
RUNWAY LANDING AIDS	NONE	PAPI

MODIFICATION TO STANDARDS					
DESCRIPTION	STANDARD	EXISTING	ULTIMATE	AIRSPACE #	APPROVAL DATE
NONE					

WIND DATA		
RUNWAY	12 MPH	15 MPH
04-22	89%	95%

NONSTANDARD CONDITIONS			
ITEM	STANDARD	EXISTING	ULTIMATE
LIGHTED WIND CONE	PART 77	250' OFFSET	250' OFFSET
WIND CONE/SEG SRICLE	PART 77	300' OFFSET	300' OFFSET
OUTBOARD THRESHOLD LIGHTS RW 04	0' OFFSET	10' OFFSET	10' OFFSET
OUTBOARD THRESHOLD LIGHTS RW 22	0' OFFSET	10' OFFSET	10' OFFSET

PACS & SACS							
DESIGNATION	LATITUDE	LONGITUDE	ELLIPSOID HEIGHT	NORTHING	EASTING	ELEVATION	DESCRIPTION
OAK A	61°57'42.22481" N	162°56'16.72477" W	501.67	2910153.64	1478986.70	471.84'	PACS
OAK B	61°57'54.48299" N	162°56'04.17101" W	520.65	2911389.77	1479604.75	490.82'	SACS
OAK C	61°57'40.38853" N	162°56'44.88650" W	488.94	2909986.71	1477637.74	459.12'	SACS

GEOGRAPHIC COORDINATES (NAD83) & ELEVATIONS (NAVD88)						
ITEM	EXISTING LATITUDE	EXISTING LONGITUDE	EXISTING ELEVATION	ULTIMATE LATITUDE	ULTIMATE LONGITUDE	ULTIMATE ELEVATION
AIRPORT REFERENCE POINT	61°57'41.32" N	162°56'32.48" W	N/A	SAME	SAME	SAME
THRESHOLD RW 04	61°57'30.70" N	162°57'07.71" W	452.0'	61°57'29.64" N	162°57'11.23" W	450.3'
THRESHOLD RW 22	61°57'51.93" N	162°55'57.25" W	472.8'	61°57'52.99" N	162°55'53.72" W	472.8'

**NOTES**

- THIS ALP DRAWING SET IS UPDATED BASED ON THE AERONAUTICAL SURVEY COMPLETED BY LOUNDSBURY & ASSOCIATES, INC. IN OCTOBER 2019 IN ACCORDANCE WITH FAA AC 150/5300-18B CHANGE 1. THIS ALP WAS UPDATED IN ACCORDANCE WITH FAA AC 150/5300-13A CHANGE 1 AND AC 150/5070-6B IN APRIL 2020.
- HORIZONTAL DATUM IS NAD83 (2011) ALASKA STATE PLANE ZONE 7, U.S. SURVEY FEET.
- VERTICAL DATUM IS NAVD88 GEOID 12B AND REFERENCING PACS "OAK A"
- THE ORIGINAL WINDROSE ANALYSIS WAS FORMATTED WITH WIND SPEED UNITS IN MPH.

TAXIWAY DATA		
ITEM	EXISTING	ULTIMATE
TAXIWAY DESIGN GROUP	3	SAME
TAXIWAY DIMENSIONS	50' x 500'	SAME
TAXIWAY SHOULDER WIDTH	20'	SAME
SEPARATION FROM PARALLEL RUNWAY	N/A	SAME
TAXIWAY (TSA) WIDTH	120'	SAME
TAXIWAY EDGE SAFETY MARGIN	10'	SAME
TAXIWAY OBJECT FREE AREA (TOFA) WIDTH	186'	SAME
TAXIWAY WINGTIP CLEARANCE	34'	SAME
TAXIWAY LIGHTING	MIRL	SAME
TAXIWAY MARKING	NONE	SAME

DESIGN REH  
 DRAWN DIR  
 CHECKED MJM

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

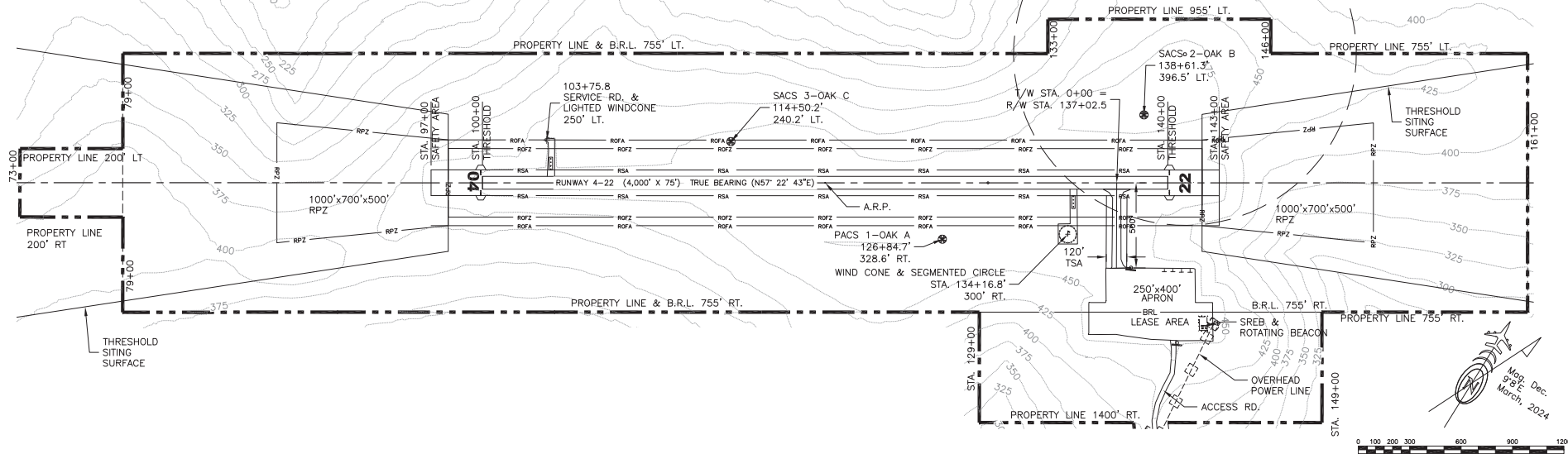
APPROVED: *Albert M.L. Beck* DATE 7/14/2020  
 ALBERT M.L. BECK, P.E. PROJECT DELIVERY LEAD

BY	DATE	REVISIONS	FAA
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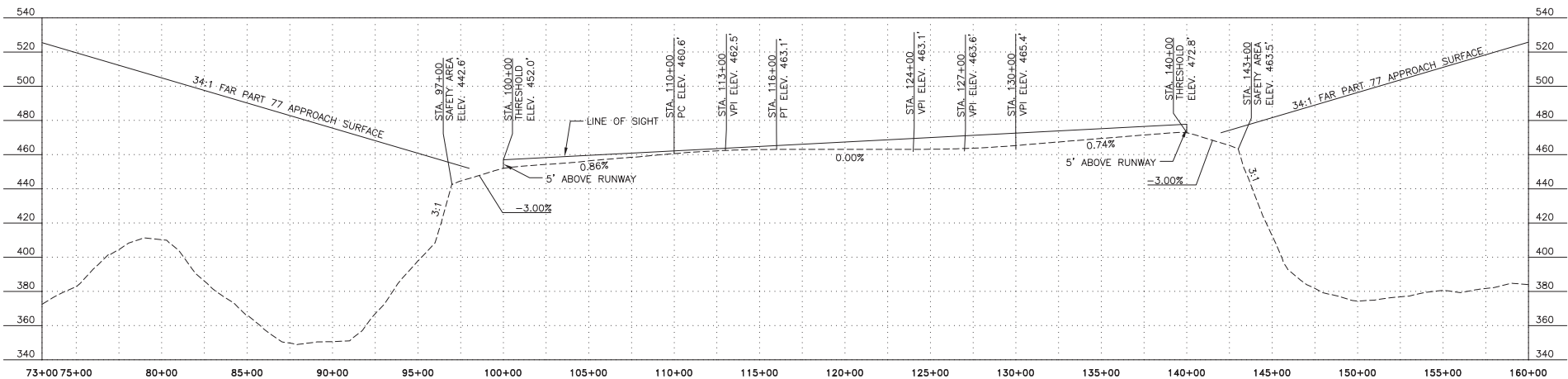
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PILOT STATION AIRPORT  
 PILOT STATION, ALASKA  
 AIRPORT DATA

SHEET  
 2 OF  
 10



SCALE IN FEET  
 SCALE 1" = 300'  
 PROFILE VERTICAL  
 EXAGGERATED 1H:10V



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STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES  
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 ALBERT M.L. BECK, P.E. DATE 7/14/2020 PROJECT DELIVERY LEAD

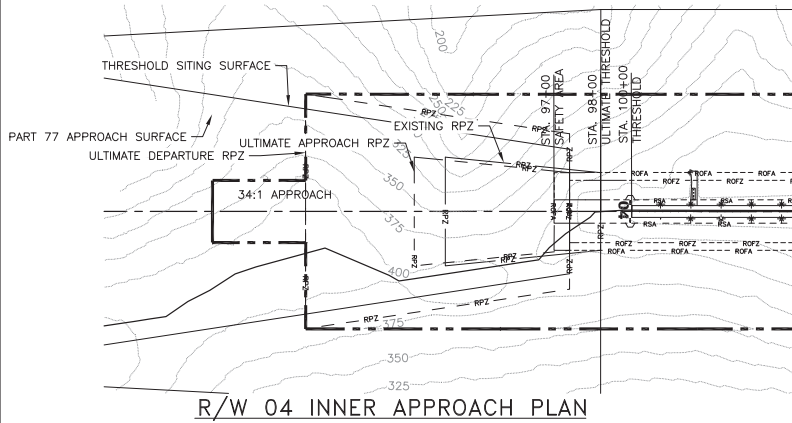
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BY	DATE	REVISIONS	FAA

PILOT STATION AIRPORT  
 PILOT STATION, ALASKA  
 EXISTING AIRPORT LAYOUT PLAN

SHEET  
 3 OF 10

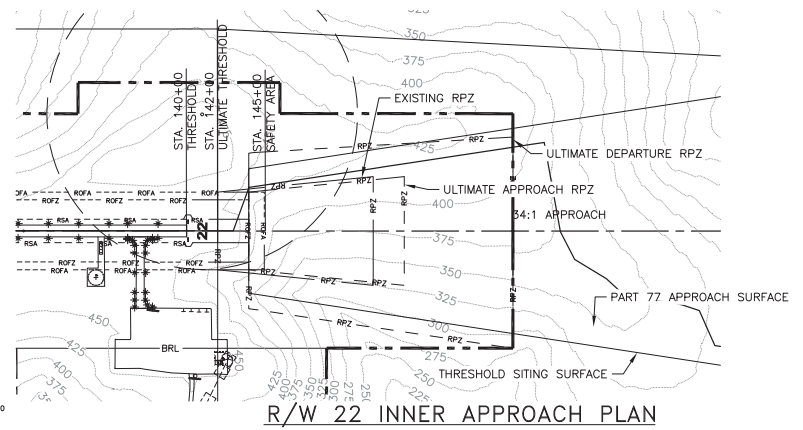




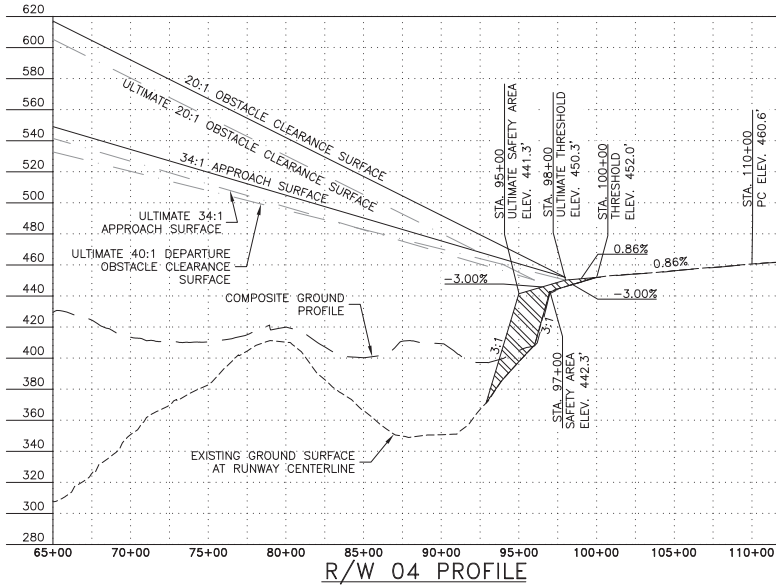
R/W 04 INNER APPROACH PLAN



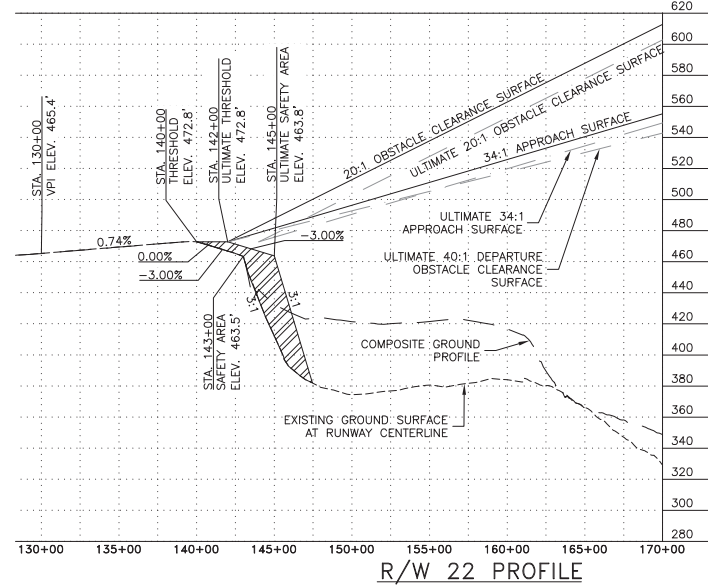
SCALE IN FEET  
SCALE 1" = 400'  
PROFILE VERTICAL  
EXAGGERATED 1H:10V



R/W 22 INNER APPROACH PLAN



R/W 04 PROFILE



R/W 22 PROFILE

PART 77 APPROACH SURFACE OBSTRUCTION TABLE (INNER PORTION R/W 04)

ID #	DESCRIPTION	STATION/OFFSET	ELEVATION	SURFACE PENETRAED	SURFACE ELEVATION	AMOUNT PENETRAED	DISPOSITION	STAGE TO CORRECT
NONE								

PART 77 APPROACH SURFACE OBSTRUCTION TABLE (INNER PORTION R/W 22)

ID #	DESCRIPTION	STATION/OFFSET	ELEVATION	SURFACE PENETRAED	SURFACE ELEVATION	AMOUNT PENETRAED	DISPOSITION	STAGE TO CORRECT
NONE								

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CHECKED MJM

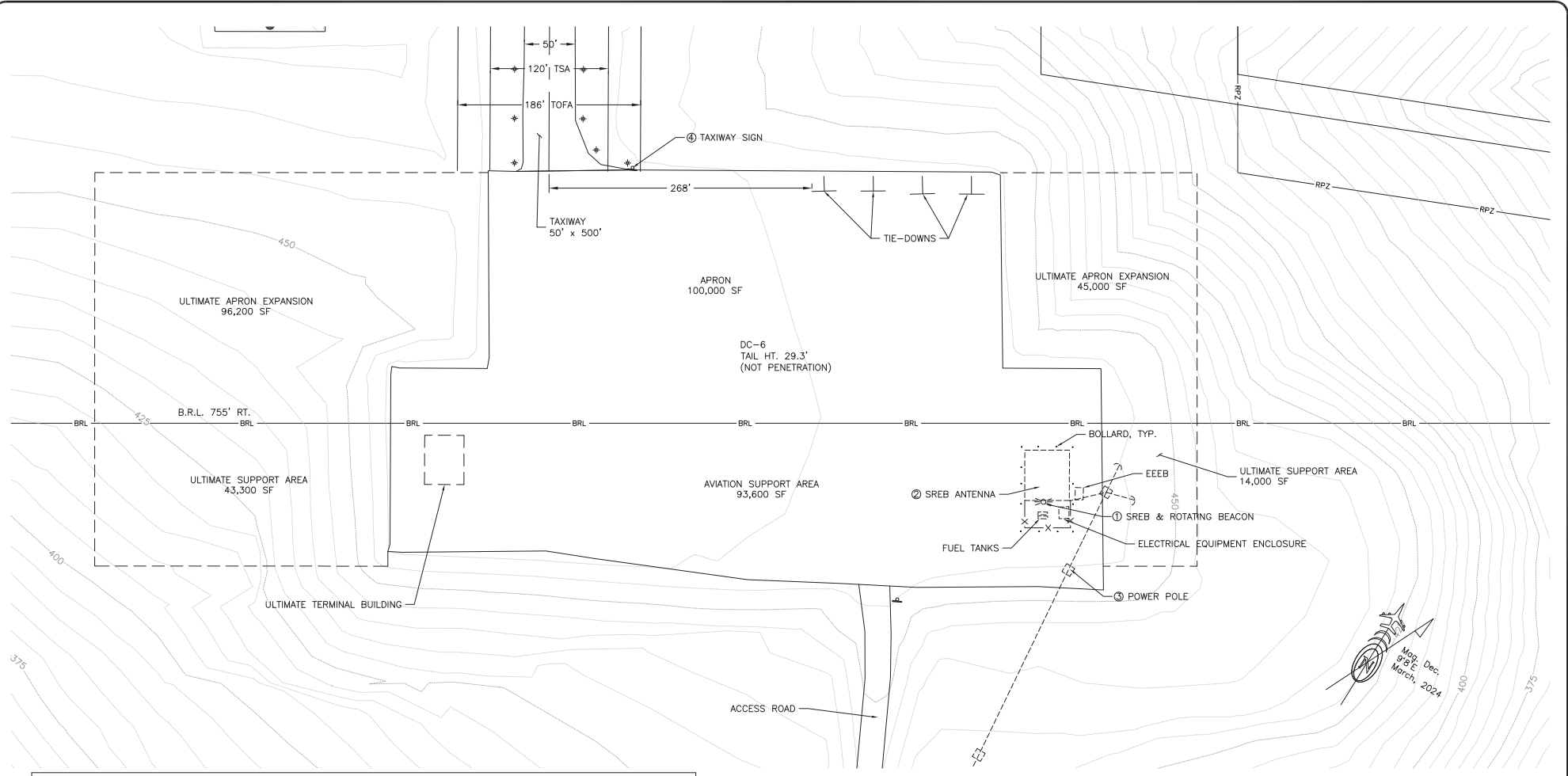
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NORTHERN REGION-AVIATION  
APPROVED: *Albert M.L. Beck*  
ALBERT M.L. BECK, P.E. DATE 7/14/2020 PROJECT DELIVERY LEAD

BY	DATE	AS-BUILT	REVISIONS	FAA

BY	DATE	REVISIONS	FAA

PILOT STATION AIRPORT  
PILOT STATION, ALASKA  
INNER PORTION OF APPROACH SURFACE

SHEET  
5 OF  
10



BUILDING DATA TABLE						
#	STRUCTURE NAME	STATION / OFFSET	TOP ELEV.	OBSTRUCTION MARKING (Y/N)		REMARKS
				EXISTING	ULTIMATE	
①	SREB & BEACON	142+03.2 / 834.6'	493.6'	N	N	NO OBSTRUCTION
②	ANTENNA ON SREB	141+94.8 / 826.1'	487.3'	N	N	NO OBSTRUCTION
③	POWER POLE	142+28.4 / 903.8'	490.6'	N	N	NO OBSTRUCTION
④	TAXIWAY SIGN	137+85.4 / 495.0'	473.2	N	N	NO OBSTRUCTION

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STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES  
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BY	DATE	REVISIONS	FAA

PILOT STATION AIRPORT  
 PILOT STATION, ALASKA  
 TERMINAL PLAN

SHEET  
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 10



**AIRSPACE**

SEC 30 & 31, T 22 N, R 75 W,  
 & SEC 25 & 36, T 22 N, R 76 W  
 USGS MARSHALL (0-3) CONTOUR INTERVAL = 50'  
 SCALE: 1" = 2000'



**FAR PART 77 SURFACE OBSTRUCTION TABLE**

#	STRUCTURE NAME	STATION / OFFSET	TOP ELEV.	SURFACE PENETRATED	SURFACE ELEV	SURFACE PENETRATION	REMARKS
①	WIND CONE	134+16.8 / 300'	484.9'	TRANSITIONAL	475.9'	9.0'	TO REMAIN
②	WIND CONE	103+75.8 / 250'	472.1'	TRANSITIONAL	472.8'	0.0'	TO REMAIN

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

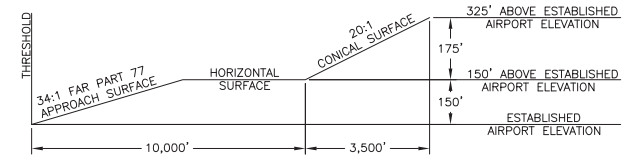
APPROVED: Albert M.L. Beck DATE 7/14/2020  
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BY	DATE	REVISIONS	FAA
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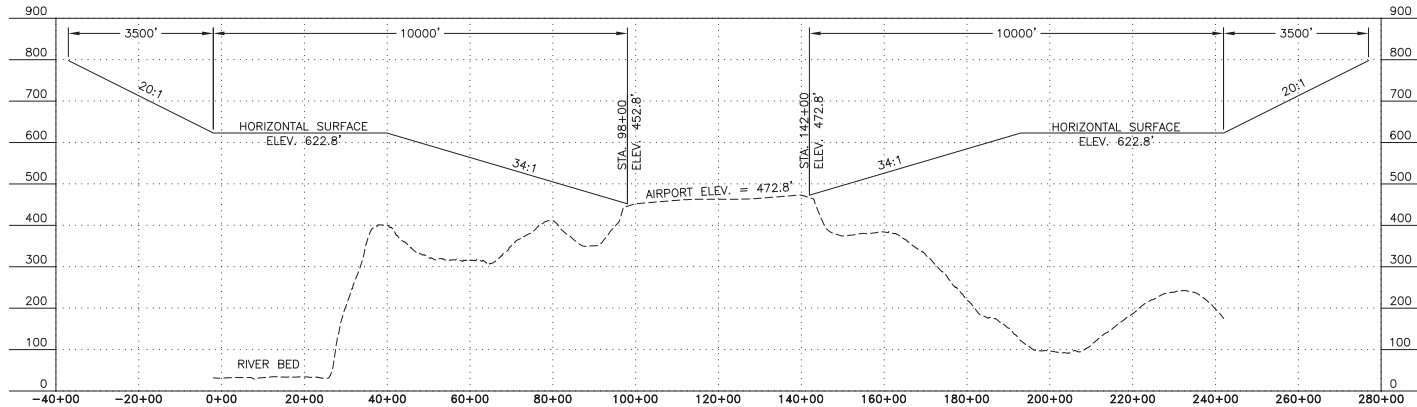
BY	DATE	REVISIONS	FAA

PILOT STATION AIRPORT  
 PILOT STATION, ALASKA  
 AIRPORT AIRSPACE

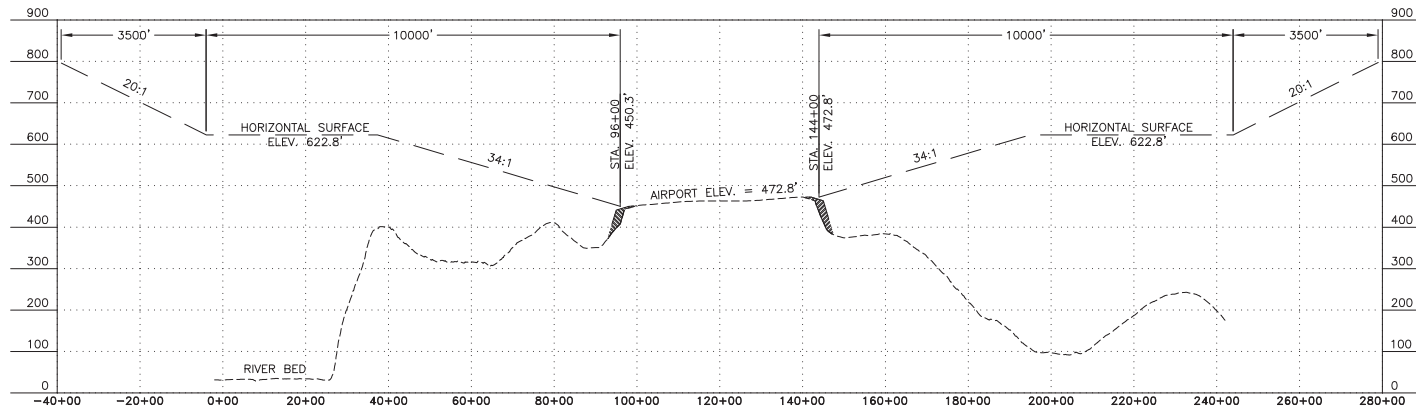
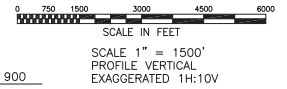
SHEET 7 OF 10



AIRSPACE SURFACE DEFINITIONS



EXISTING R/W 04-22 AIRSPACE PROFILE



ULTIMATE R/W 04-22 AIRSPACE PROFILE

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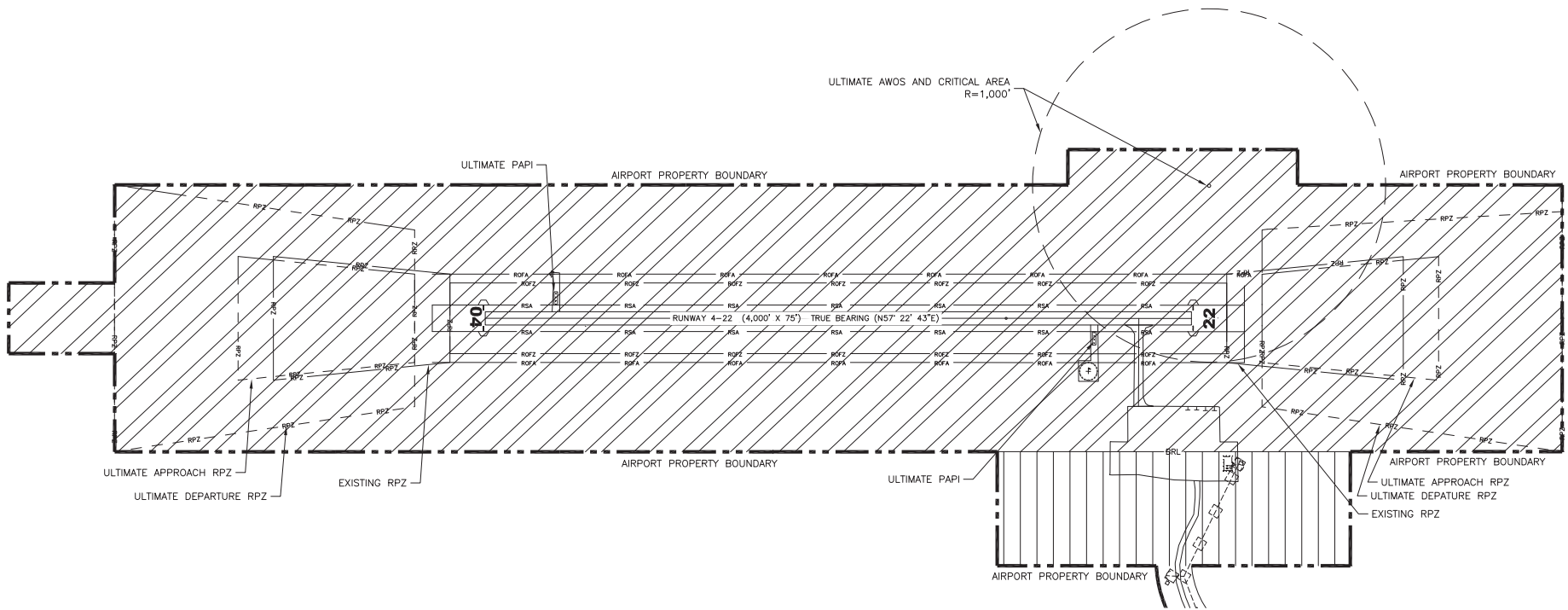
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PILOT STATION AIRPORT  
 PILOT STATION, ALASKA  
 AIRPORT AIRSPACE PROFILES

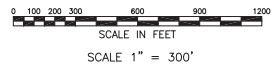
SHEET  
 8 OF  
 10





**LEGEND**

- ROAD
- PROPERTY BOUNDARY
- AVIATION USE AREA
- AVIATION SUPPORT AREA



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

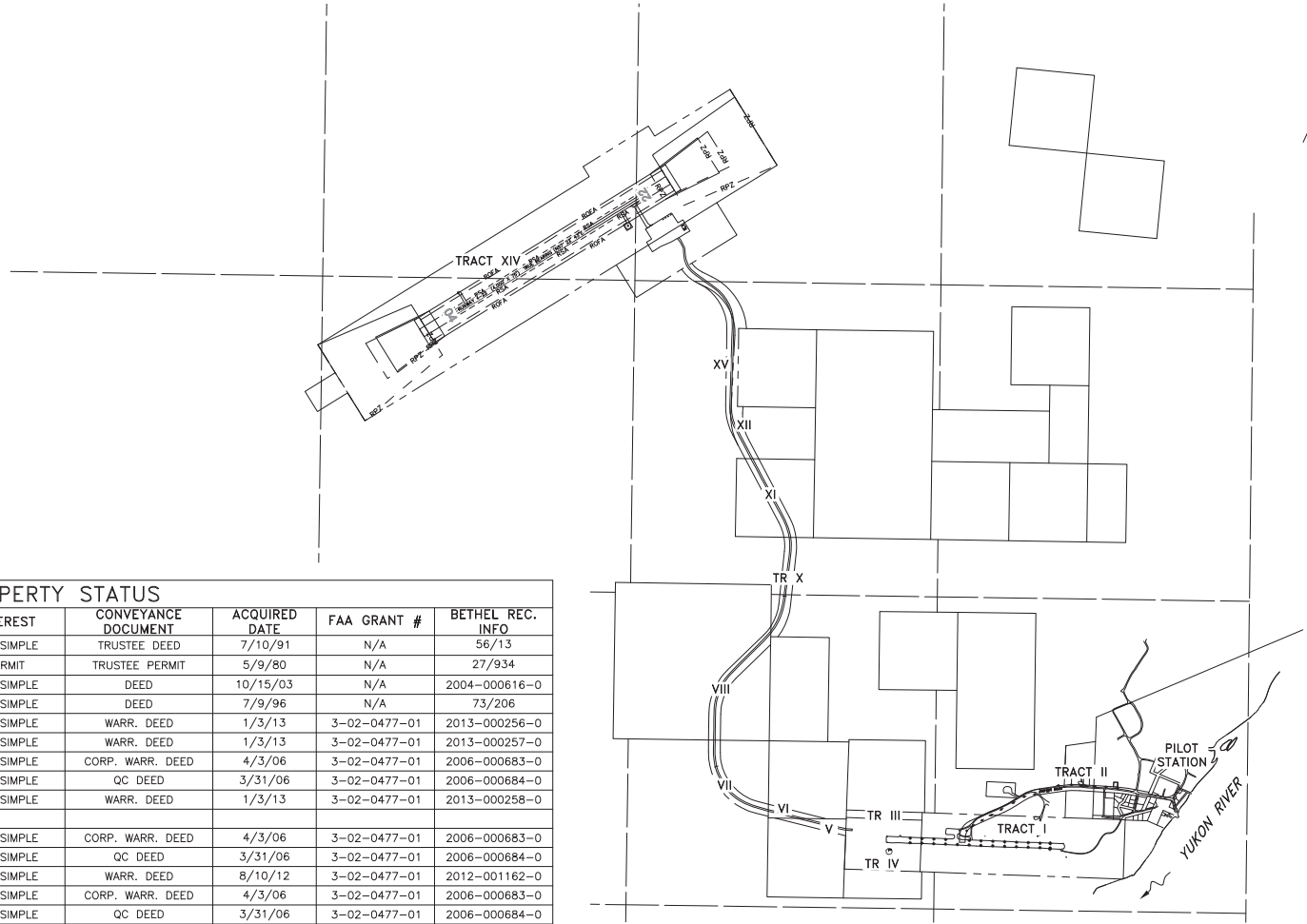
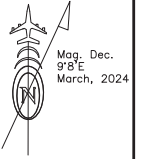
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MBI	APR 2020	AS-BUILT	

BY	DATE	REVISIONS	FAA

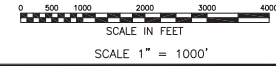
PILOT STATION AIRPORT  
 PILOT STATION, ALASKA  
 AIRPORT LAND USE

SHEET  
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 10



**PROPERTY STATUS**

TRACT	ACRES	GRANTOR	INTEREST	CONVEYANCE DOCUMENT	ACQUIRED DATE	FAA GRANT #	BETHEL REC. INFO
I	78.948	BLM	FEE SIMPLE	TRUSTEE DEED	7/10/91	N/A	56/13
II	0.129	BLM	PERMIT	TRUSTEE PERMIT	5/9/80	N/A	27/934
III	3.794	FRANCIS	FEE SIMPLE	DEED	10/15/03	N/A	2004-000616-0
IV	25.599	NICK	FEE SIMPLE	DEED	7/9/96	N/A	73/206
V	3.913	MARY WASSILLIE	FEE SIMPLE	WARR. DEED	1/3/13	3-02-0477-01	2013-000256-0
VI	2.631	MARY JOSEPH	FEE SIMPLE	WARR. DEED	1/3/13	3-02-0477-01	2013-000257-0
VII	7.693	PILOT STATION NATIVE CORP.	FEE SIMPLE	CORP. WARR. DEED	4/3/06	3-02-0477-01	2006-000683-0
		CALISTA CORP.	FEE SIMPLE	QC DEED	3/31/06	3-02-0477-01	2006-000684-0
VIII	9.715	THERESA JOE	FEE SIMPLE	WARR. DEED	1/3/13	3-02-0477-01	2013-000258-0
IX		DELETED 4/10/10					
X	7.763	PILOT STATION NATIVE CORP.	FEE SIMPLE	CORP. WARR. DEED	4/3/06	3-02-0477-01	2006-000683-0
		CALISTA CORP.	FEE SIMPLE	QC DEED	3/31/06	3-02-0477-01	2006-000684-0
XI	6.807	THECLA PAUL	FEE SIMPLE	WARR. DEED	8/10/12	3-02-0477-01	2012-001162-0
XII	13.562	PILOT STATION NATIVE CORP.	FEE SIMPLE	CORP. WARR. DEED	4/3/06	3-02-0477-01	2006-000683-0
		CALISTA CORP.	FEE SIMPLE	QC DEED	3/31/06	3-02-0477-01	2006-000684-0
XIII		DELETED 4/10/10					
XIV	325.344	PILOT STATION NATIVE CORP.	FEE SIMPLE	CORP. WARR. DEED	4/3/06	3-02-0477-01	2006-000683-0
		CALISTA CORP.	FEE SIMPLE	QC DEED	3/31/06	3-02-0477-01	2006-000684-0
XV	5.746	PILOT STATION NATIVE CORP.	FEE SIMPLE	CORP. WARR. DEED	7/15/11	3-02-0477-01	2011-000883-0
		CALISTA CORP.	FEE SIMPLE	QC DEED	8/30/11	3-02-0477-01	2011-000882-0



DESIGN REH  
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 CHECKED MJM

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES  
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BY	DATE	REVISIONS	FAA
MBI	APR 2020	AS-BUILT	

BY	DATE	REVISIONS	FAA

PILOT STATION AIRPORT  
 PILOT STATION, ALASKA  
 AIRPORT PROPERTY PLAN

SHEET  
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 10