



U.S. Department
of Transportation
**Federal Aviation
Administration**

Alaskan Region Airports Division

222 W. 7th Avenue, #14
Anchorage, Alaska 99513-7587
Tel. (907) 271-5438 / Fax (907) 271-2851

February 14, 2022

Albert Beck P.E.
ADOT&PF Northern Region
2301 Peger Road
Fairbanks, AK 99709

Dear Mr. Beck:

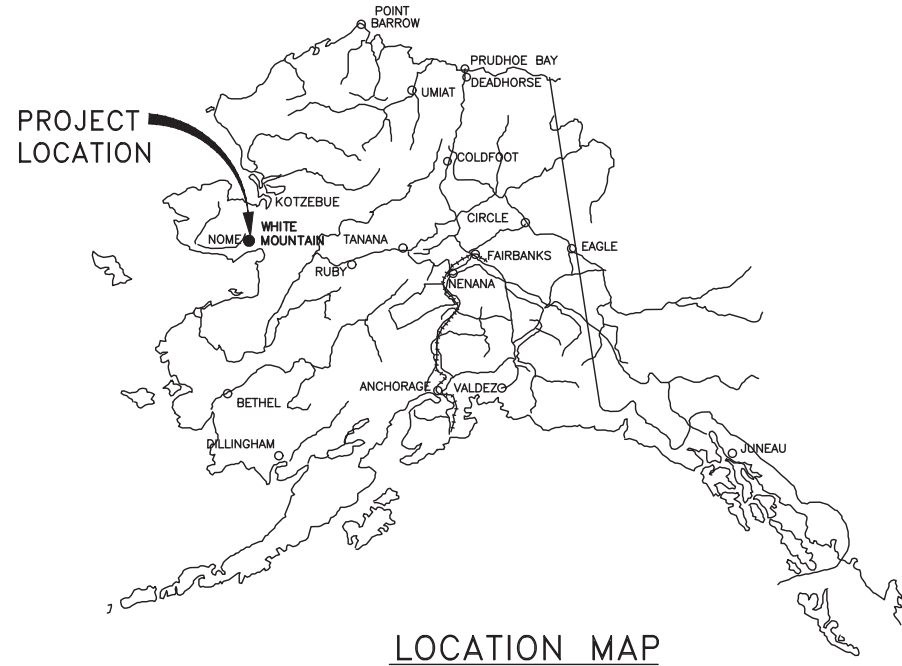
**White Mountain Airport
White Mountain, Alaska
As-Built Airport Layout Plan
(Original ALP Airspace –91-AAL-119-NRA)**

We have completed our review of the White Mountain Airport As-Built Airport Layout Plan (ALP) dated 10 February, 2022, and find it acceptable for documenting the existing conditions of the airport.

Please attach this letter to the enclosed As-Built ALP and retain it in your files for future reference.

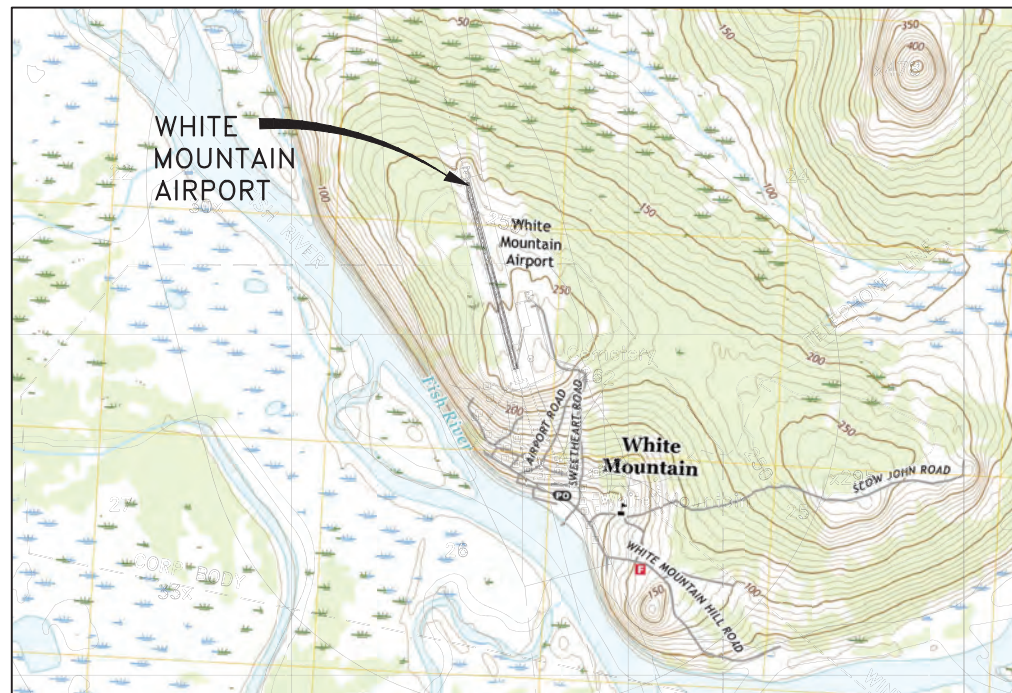
Sincerely,

Pat Zettler, P.E., Lead Civil Engineer
Airports Division



LOCATION MAP

WHITE MOUNTAIN AIRPORT (WMO) AIRPORT LAYOUT PLAN WHITE MOUNTAIN, ALASKA



VICINITY MAP



LEGEND		
ITEM	EXISTING	ULTIMATE
BUILDING RESTRICTION LINE (B.R.L.)	— BRL —	SAME
RUNWAY SAFETY AREA (RSA)	— RSA —	SAME
RUNWAY OBSTACLE FREE ZONE (OFZ)	— OFZ —	SAME
RUNWAY OBJECT FREE AREA (ROFA)	— ROFA —	SAME
RUNWAY PROTECTION ZONE (RPZ)	— RPZ —	SAME
TAXIWAY SAFETY AREA (TSA)	— TSA —	SAME
AIRPORT REFERENCE POINT (ARP)	⊙	SAME
THRESHOLD LIGHTS	•••••	SAME
RUNWAY LIGHTS	○	SAME
TAXIWAY LIGHTS	⊗	SAME
SUPPLEMENTAL WIND CONE	⊙	SAME
WIND CONE & SEGMENTED CIRCLE	⊙	SAME
ROTATING BEACON	⊗	SAME
ROADWAYS	— — — — —	SAME
TRAIL-DIRT ROADS	— — — — —	SAME
BUILDING	▭	▭
AIRPORT PROPERTY BOUNDARY	— — — — —	— — — — —
AVIGATION AND HAZARD EASEMENT	— — — — —	SAME
DEVELOPMENT	▭	SAME
FENCING	-x-x-x-x-x-x-x-	SAME
SHIORELINE-WATER	~ ~ ~ ~ ~	SAME
TREELINE	~ ~ ~ ~ ~	SAME
MONUMENTED PROPERTY CORNER	⊕	SAME
BLM MONUMENTED CORNER	⊗	SAME

SHEET INDEX		
SHEET NO.	REV. DATE	DESCRIPTION
1		TITLE SHEET
2	12/20/2021	AIRPORT DATA SHEET
3	12/20/2021	AIRPORT LAYOUT DRAWING
4	12/20/2021	AIRPORT AIRSPACE DRAWING
5	12/20/2021	INNER PORTION OF THE APPROACH SURFACE DRAWING
6	12/20/2021	LAND USE DRAWING
7	12/20/2021	AIRPORT PROPERTY MAP/EXHIBIT A

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STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
NORTHERN REGION-AVIATION
APPROVED: Albert Beck DATE 2/10/2022
AIRPORT MANAGER

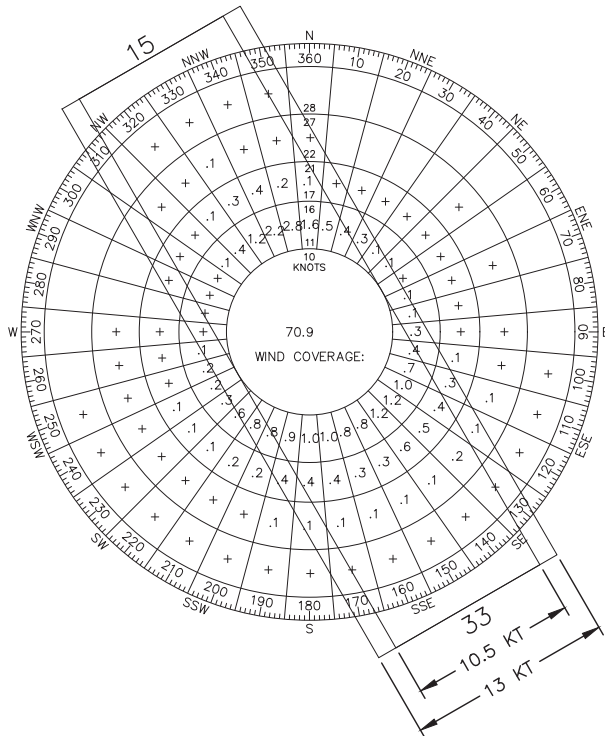
AIRPORT LAYOUT PLAN CONDITIONAL APPROVAL SUBJECT TO
ALP APPROVAL LETTER DATED 10/8/92
FAA AIRSPACE REVIEW NUMBER: 91-AAL-119-NRA
As-Built Accepted
DATE _____
FAA, AIRPORTS DIVISION ALASKAN REGION, AAL-

BY	DATE	REVISIONS

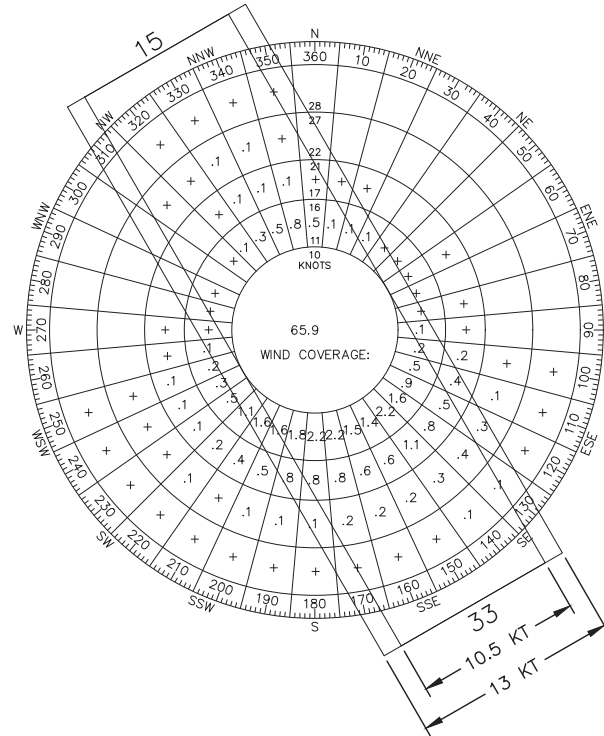
WHITE MOUNTAIN AIRPORT
WHITE MOUNTAIN, ALASKA
AIRPORT LAYOUT PLAN
TITLE SHEET

SHEET
1 OF
7

ALL WEATHER



IFR



RUNWAY 15/33 WIND COVERAGE

WIND DATA				
RUNWAY	CROSSWIND COVERAGE			
	ALL WEATHER		IFR	
	10.5 KNOTS	13 KNOTS	10.5 KNOTS	13 KNOTS
15/33	93.83%	97.02%	91.01%	95.49%

SOURCE: DATA FROM
<https://adip.faa.gov/agis/WindRose/#/generateWr/VF/PAWM>
 TIME: 2011 - 2020

DECLARED DISTANCES				
ITEM	EXISTING		ULTIMATE	
	RUNWAY 15	RUNWAY 33	RUNWAY 15	RUNWAY 33
TORA	3,000'	SAME	3,000'	SAME
TODA	3,000'	SAME	3,000'	SAME
ASDA	3,000'	SAME	3,000'	SAME
LDA	3,000'	SAME	3,000'	SAME

TAXIWAY DATA		
	EXISTING	ULTIMATE
T/W WIDTH	25'	SAME
T/W SAFETY AREA WIDTH	49'	SAME
T/W OBJECT FREE AREA WIDTH	89'	SAME

RUNWAY DATA		
	EXISTING	ULTIMATE
EFFECTIVE GRADIENT	1.50%	SAME
RUNWAY DESIGN CODE	B-I	SAME
APPROACH REFERENCE CODE	B-I-5000	SAME
INSTRUMENT RUNWAY	> 1 MILE	SAME
RUNWAY SURFACE TYPE	GRAVEL	SAME
PAVEMENT STRENGTH	N/A	SAME
APPROACH SURFACES	20:01	SAME
RPZ DIMENSIONS	250' x 450' x 5000'	SAME
RUNWAY LIGHTING	MIRL	SAME
RUNWAY MARKING	NONE	SAME
NAVIGATION AIDS	NONE	SAME
COMMUNICATION AIDS	CTAF 122.9 TIE-IN TO NOME	
R/W DIMENSIONS	3,000' X 60'	SAME
R/W SAFETY AREA	3,480' X 120'	SAME
OBSTACLE FREE ZONE	3,400' X 250'	SAME

AIRPORT DATA			
DESCRIPTION		EXISTING	ULTIMATE
AIRPORT REFERENCE CODE		B-I	SAME
MEAN MAX TEMP. OF HOTTEST MONTH		80°F, (JULY)	N/A
AIRPORT ELEVATION (MSL) (NAVD 88)		268.75'	268.69'
NAVAIDS		BEACON	SAME
AIRPORT REFERENCE POINT (ARP)	LATITUDE	64° 41' 21.06" N	SAME
	LONGITUDE	163° 24' 45.92" W	SAME
MISCELLANEOUS FACILITIES (AWOS, WIND CONES, ETC.)		BEACON, AWOS, WINDCONE, MIRL	SAME
DESIGN AIRCRAFT	MAKE AND MODEL	PIPER PA-31 NAVAJO	SAME
	WINGSPAN (FT)	40.7'	SAME
	UNDERCARRIAGE WIDTH (FT)	UNAVAILABLE	SAME
	APPROACH SPEED (KTS)	96	SAME
	MAX TAKEOFF WEIGHT (LBS)	7,000	SAME
MAGNETIC VARIATION (DEC. 2021) http://www.ngdc.noaa.gov/geomag/calculators/magcalc.shtml		9° 35' E	N/A
NPIAS SERVICE LEVEL		GA	SAME
STATE AIRPORT CLASSIFICATION		COMMUNITY	SAME

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STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
 NORTHERN REGION-AVIATION
 APPROVED: *Albert Beck* DATE **2/10/2022**
 AIRPORT MANAGER

AIRPORT LAYOUT PLAN CONDITIONAL APPROVAL SUBJECT TO
 ALP APPROVAL LETTER DATED ____/____/____
 FAA AIRSPACE REVIEW NUMBER: _____
 _____ DATE _____
 FAA, AIRPORTS DIVISION ALASKAN REGION, AAL- _____

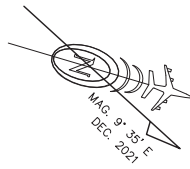
BY	DATE	REVISIONS

WHITE MOUNTAIN AIRPORT
 WHITE MOUNTAIN, ALASKA
 AIRPORT LAYOUT PLAN
 AIRPORT DATA SHEET

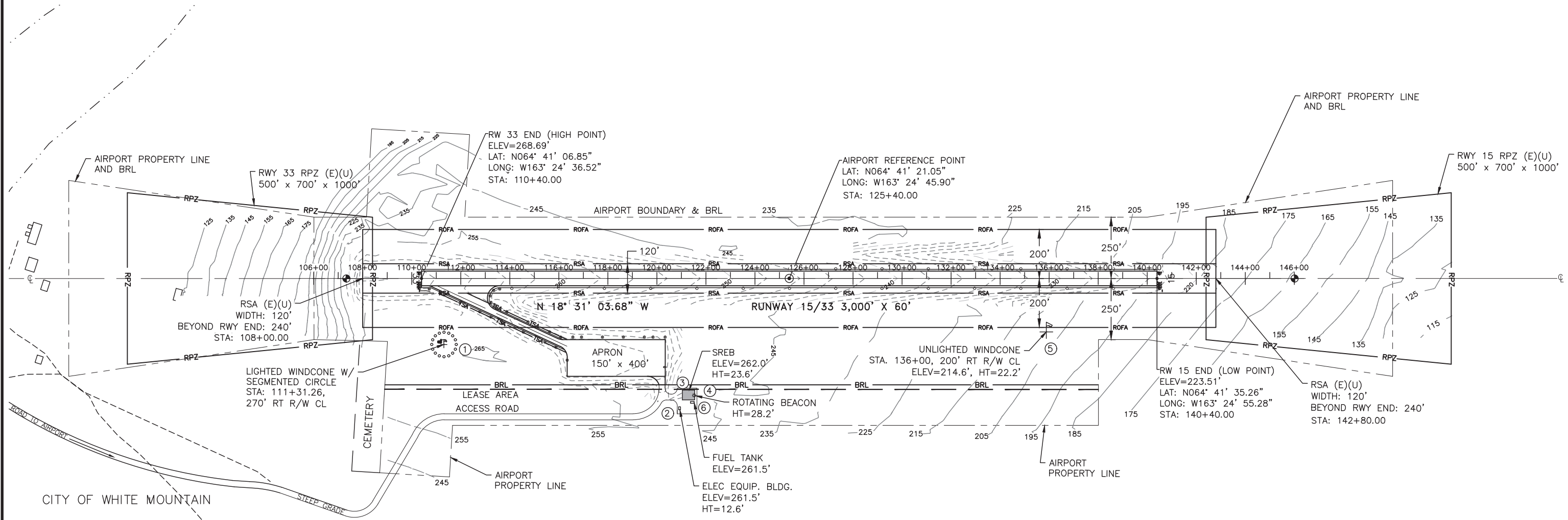
SHEET
 2 OF 7

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\\DEN-FS\DEN-projects\23\62617-01\65CAD\Aviation\ALP_Update\Whitemt1_LO_drawing-3 AIRPORT LAYOUT DRAWING



MAG. DECL.: 9° 35' E
 RATE OF CHANGE: 0° 20' W PER YEAR
 DATE: DEC 2021



LEGEND		
DESCRIPTION	EXISTING (E)	ULTIMATE (U)
AIRFIELD DEVELOPMENT		
AIRPORT PROPERTY LINE (APL)		SAME
RUNWAY PROTECTION ZONE (RPZ)		SAME
RUNWAY SAFETY AREA (RSA)		SAME
RUNWAY OBJECT FREE AREA (ROFA)		SAME
TAXIWAY SAFETY AREA		SAME
BUILDING RESTRICTION LINE (BRL)		SAME
BUILDING		
TRAIL-DIRT ROAD		SAME

LEGEND		
DESCRIPTION	EXISTING (E)	ULTIMATE (U)
WIND CONE		SAME
WIND CONE AND SEGMENTED CIRCLE		
ROADWAYS		SAME
R/W LIGHTS		SAME
T/W LIGHTS		SAME
AIRPORT REFERENCE POINT		SAME
ROTATING BEACON		SAME
MONUMENTED PROPERTY CORNER		SAME
BLM MONUMENTED CORNER		SAME
R/W THRESHOLD LIGHTS		SAME

BUILDING / FACILITY DATA TABLE		
ID#	DESCRIPTION (S)	TOP ELEVATION
①	EXISTING LIGHTED WINDCONE	282.9'
②	ELECTRICAL EQUIPMENT ENCLOSURE (EEE)	274.1'
③	SNOW REMOVAL EQUIPMENT BUILDING (SREB)	285.6'
④	ROTATING BEACON	289.9'
⑤	UNLIGHTED WINDCONE	236.8'
⑥	FUEL TANK	261.5'

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 FAA, AIRPORTS DIVISION ALASKAN REGION, AAL-

BY	DATE	REVISIONS

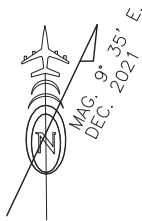
WHITE MOUNTAIN AIRPORT
 WHITE MOUNTAIN, ALASKA
 AIRPORT LAYOUT PLAN
 AIRPORT LAYOUT DRAWING

SHEET
 3 OF 7

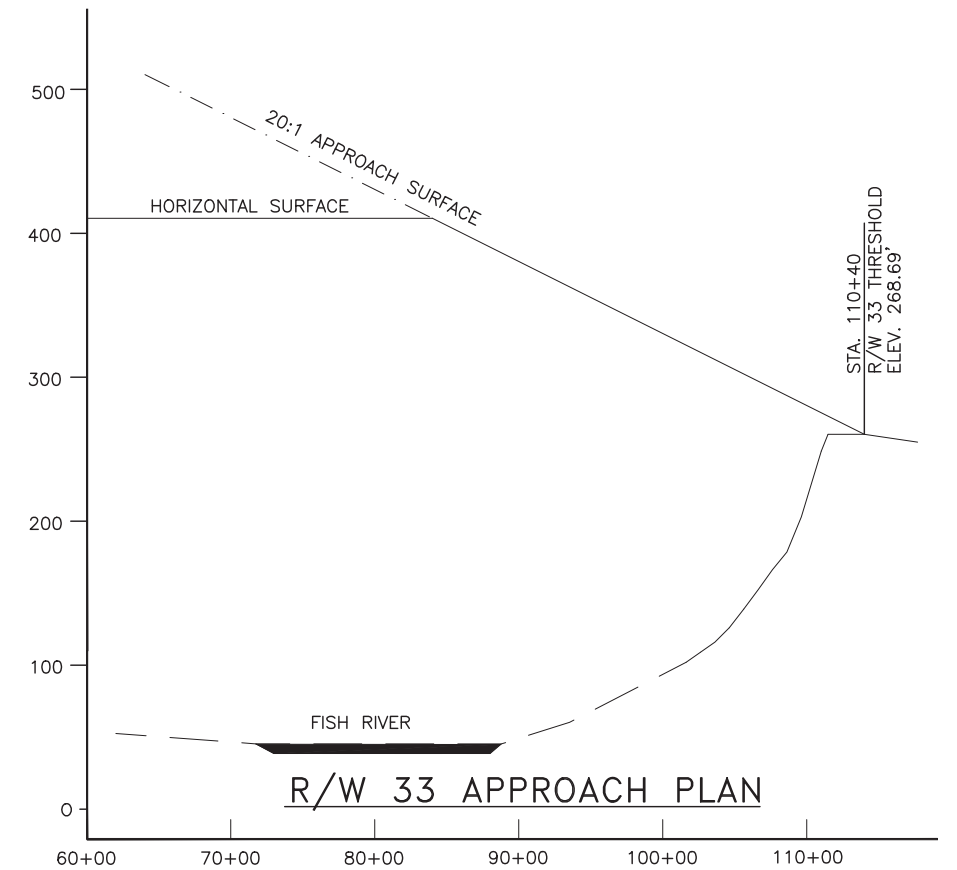
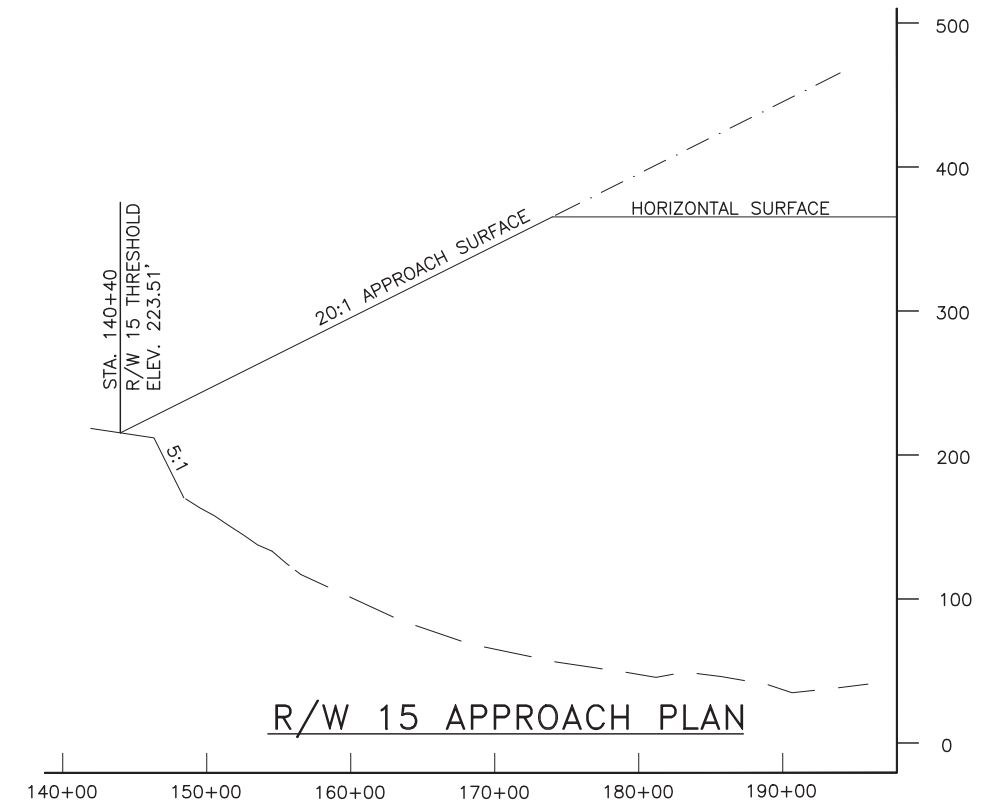


VICINITY MAP

SCALE: 1 INCH = 1 MILE
PROTRACTED: T.9S. & R.24S.
KATEEL RIVER MERIDIAN, FOLIO K-13
U.S.G.S. SOLOMON (C-3), ALASKA



MAG. DECL.: 9° 35' E
RATE OF CHANGE: 0° 20' W PER YEAR
DATE: DEC 2021



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DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
NORTHERN REGION-AVIATION

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AIRPORT MANAGER

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ALP APPROVAL LETTER DATED ____/____/____
FAA AIRSPACE REVIEW NUMBER: _____

DATE _____
FAA, AIRPORTS DIVISION ALASKAN REGION, AAL- _____

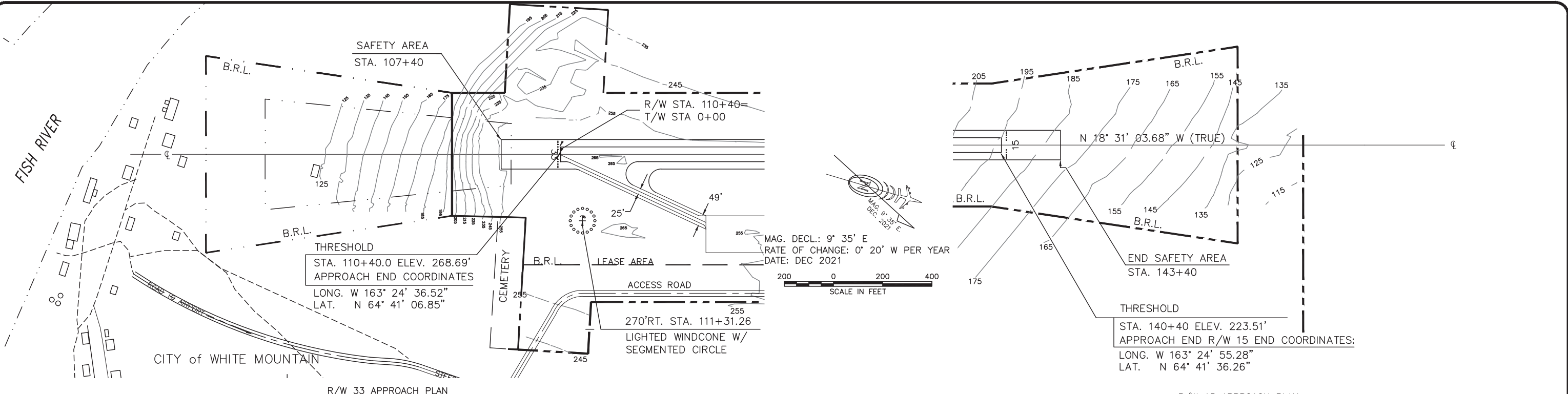
BY	DATE	REVISIONS

WHITE MOUNTAIN AIRPORT
WHITE MOUNTAIN, ALASKA
AIRPORT LAYOUT PLAN
AIRPORT AIRSPACE DRAWING

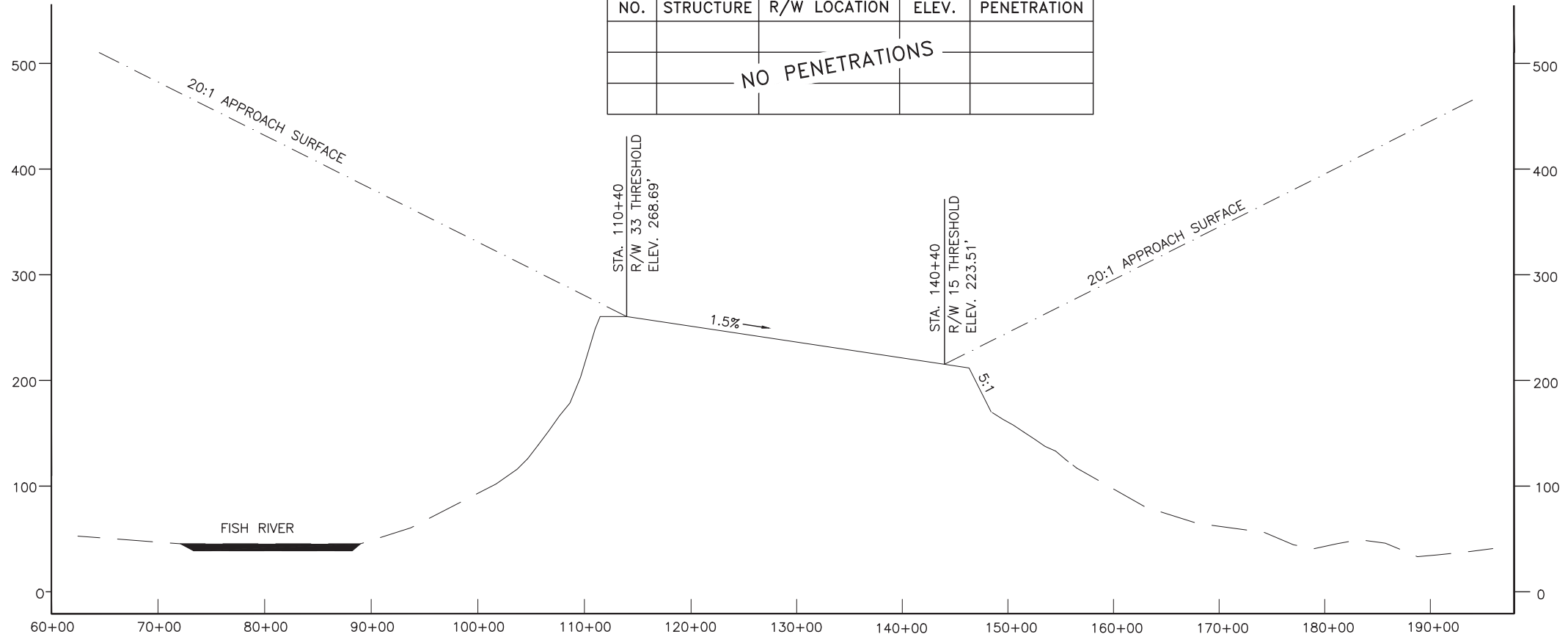
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\\DEN-FS\DEN-projects\23\62617-01\65CAD\Aviation\ALP_Update\Whitemt1_LO drawing-5 INNER PORTION OF THE APPROACH SURFACE DRAWING



F.A.R. PART 77 PENETRATIONS				
NO.	STRUCTURE	R/W LOCATION	ELEV.	PENETRATION
NO PENETRATIONS				



RUNWAY 15-33 APPROACH PROFILES

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AIRPORT LAYOUT PLAN CONDITIONAL APPROVAL SUBJECT TO ALP APPROVAL LETTER DATED ___/___/___
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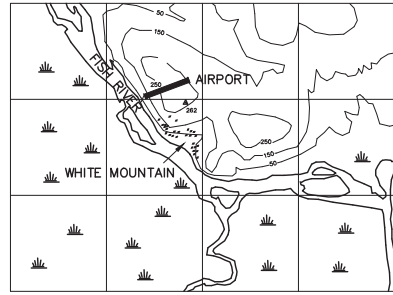
DATE _____
FAA, AIRPORTS DIVISION ALASKAN REGION, AAL- _____

BY	DATE	REVISIONS

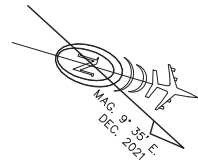
WHITE MOUNTAIN AIRPORT
WHITE MOUNTAIN, ALASKA
AIRPORT LAYOUT PLAN
INNER PORTION OF THE
APPROACH SURFACE DRAWING

SHEET
5 OF 7

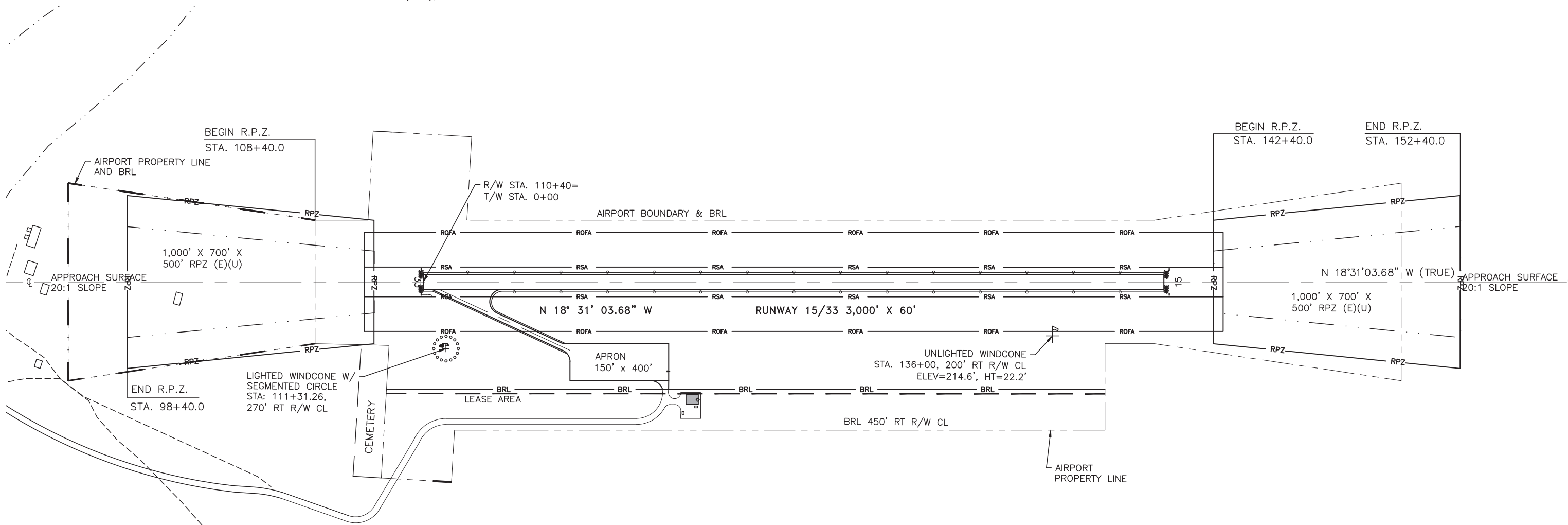
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VICINITY MAP
PROTRACTED: T.9S. & R.24S.
KATEEL RIVER MERIDIAN, FOLIO K-13
U.S.G.S. SOLOMON (C-3), ALASKA



MAG. DECL.: 9° 35' E
RATE OF CHANGE: 0° 20' W PER YEAR
DATE: DEC 2021



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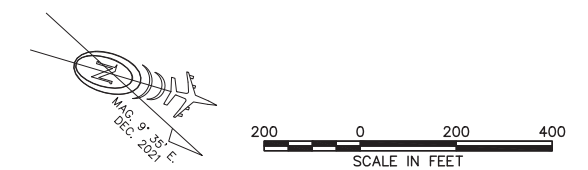
STATE OF ALASKA
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NORTHERN REGION-AVIATION
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FAA, AIRPORTS DIVISION ALASKAN REGION, AAL- _____

BY	DATE	REVISIONS

WHITE MOUNTAIN AIRPORT
WHITE MOUNTAIN, ALASKA
AIRPORT LAYOUT PLAN
LAND USE DRAWING

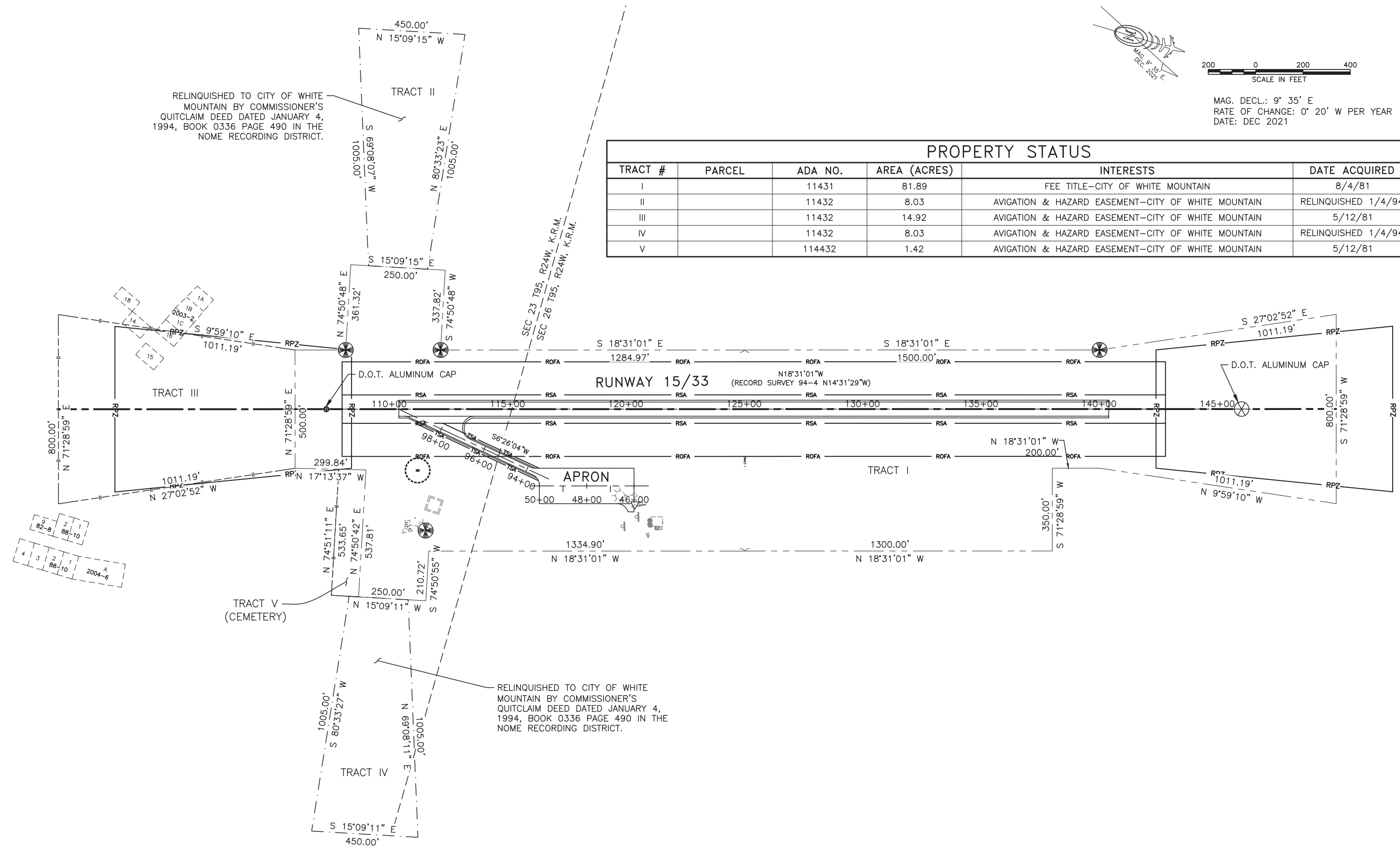
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6 OF 7



MAG. DECL.: 9° 35' E
 RATE OF CHANGE: 0° 20' W PER YEAR
 DATE: DEC 2021

RELINQUISHED TO CITY OF WHITE MOUNTAIN BY COMMISSIONER'S QUITCLAIM DEED DATED JANUARY 4, 1994, BOOK 0336 PAGE 490 IN THE NOME RECORDING DISTRICT.

PROPERTY STATUS					
TRACT #	PARCEL	ADA NO.	AREA (ACRES)	INTERESTS	DATE ACQUIRED
I		11431	81.89	FEE TITLE-CITY OF WHITE MOUNTAIN	8/4/81
II		11432	8.03	AVIGATION & HAZARD EASEMENT-CITY OF WHITE MOUNTAIN	RELINQUISHED 1/4/94
III		11432	14.92	AVIGATION & HAZARD EASEMENT-CITY OF WHITE MOUNTAIN	5/12/81
IV		11432	8.03	AVIGATION & HAZARD EASEMENT-CITY OF WHITE MOUNTAIN	RELINQUISHED 1/4/94
V		114432	1.42	AVIGATION & HAZARD EASEMENT-CITY OF WHITE MOUNTAIN	5/12/81



RELINQUISHED TO CITY OF WHITE MOUNTAIN BY COMMISSIONER'S QUITCLAIM DEED DATED JANUARY 4, 1994, BOOK 0336 PAGE 490 IN THE NOME RECORDING DISTRICT.

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STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
 NORTHERN REGION-AVIATION
 APPROVED: *Albert Beck* DATE 2/10/2022
 AIRPORT MANAGER

AIRPORT LAYOUT PLAN CONDITIONAL APPROVAL SUBJECT TO ALP APPROVAL LETTER DATED ____/____/____
 FAA AIRSPACE REVIEW NUMBER: _____
 _____ DATE _____
 FAA, AIRPORTS DIVISION ALASKAN REGION, AAL-

BY	DATE	REVISIONS

WHITE MOUNTAIN AIRPORT
 WHITE MOUNTAIN, ALASKA
 AIRPORT LAYOUT PLAN
 AIRPORT PROPERTY MAP-EXHIBIT A

SHEET
 7 OF 7