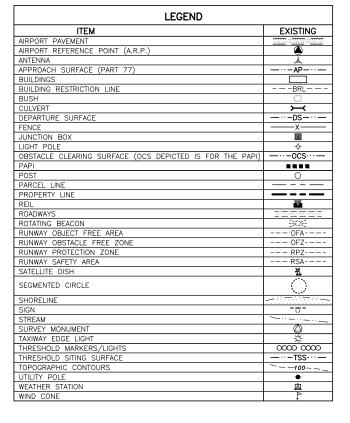


VICINITY MAP

T 92 S, R 176 W, SEC. 35 & 36 SEWARD MERIDIAN U.S.G.S. COLD BAY (A-1), ALASKA, 1983

## KING COVE AIRPORT AIRPORT LAYOUT PLAN

KING COVE, ALASKA



REVISION

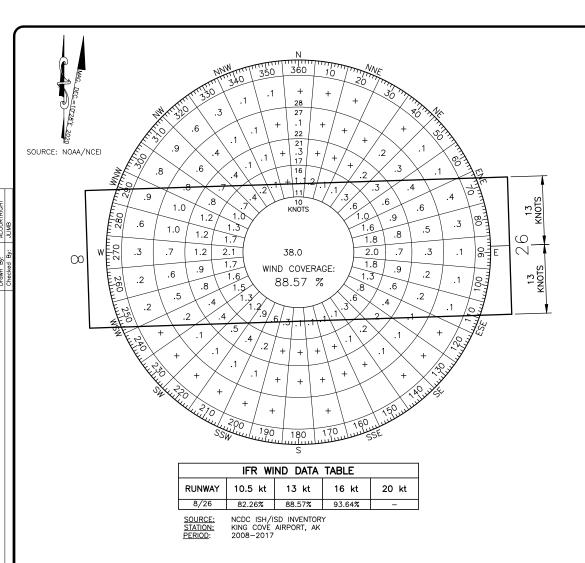
SHT #	TITLE
1	COVER & SHEET INDEX
2	AIRPORT DATA
3	EXISTING LAYOUT PLAN
4	TERMINAL PLAN
5	EXISTING RW 8 INNER APPROACH SURFACE
6	EXISTING RW 26 INNER APPROACH SURFACE
7	EXISTING DEPARTURE SURFACES
8	AIRPORT AIRSPACE (FAR PART 77)
9	LAND USE MAP
10	AIRPORT PROPERTY MAP

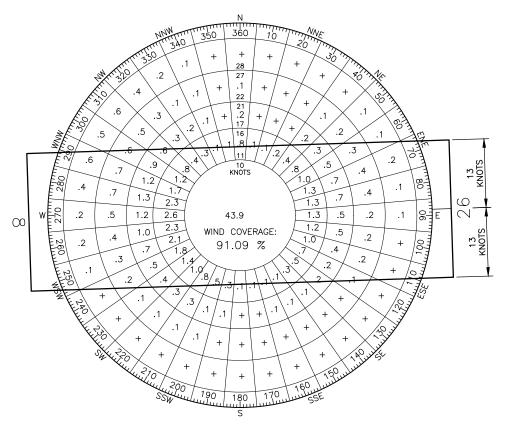
AIRPORT LAYOUT PLAN
COVER & SHEET INDEX

DRAWING INDEX

APPROVED:  Kirk Miller  KIRK MILLER, P.E.  RECOMMENDED:  Aris God	PRECONSTRUCTION ENGINEER DATE: 12-9-2021	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES SOUTHCOAST REGION	
CHRIS GOINS, P.E.  AIRPORT LAYOUT PLAN CONDI ALP APPROVAL LETTER DATED	TIONAL APPROVAL SUBJECT TO	KING COVE AIRPORT	DATE: 7/22/202
FAA AIRSPACE REVIEW NIIMBE		KING COVE, ALASKA	OUEET.

FAA, AIRPORTS DIVISION ALASKAN REGION, AAL-615





AL	L WEATH	R WIND	DATA TAB	LE
RUNWAY	10.5 kt	13 kt	16 kt	20 kt
8/26	85.57%	91.09%	95.26%	_

URCE: NCDC ISH/ISD INVENTORY ATION: KING COVE AIRPORT, AK RIOD: 2008–2017

GEOGRAPHIC COORDINATES								
ITEM	EXISTING LATITUDE	EXISTING LONGITUDE	EXISTING ELEVATION	ULTIMATE LATITUDE	ULTIMATE LONGITUDE	ULTIMATE ELEVATON		
ARP	55° 06' 58.98" N	162° 15′ 59.53″ W	148.87	55° 06' 58.98" N	162° 15' 59.53" W	148.87		
RW 08 END	55° 06' 58.43" N	162° 16′ 29.61″ W	145.98	55° 06' 58.43" N	162° 16' 29.61" W	145.98		
RW 26 END	55° 06' 59.55" N	162 15 29.45 W	144.14	55° 06' 59.55" N	162* 15' 29.45" W	144.14		

	PACS & SACS									
PID	DESIGNATION	LATITUDE	LONGITUDE	ELLIPSOID HEIGHT	NORTHING	EASTING	ELEVATION	DESCRIPTION		
TBD	KVC A	55°07'01.82" N	162'16'15.63" W	208.42	408068.49	1583688.94	153.27	PACS		
TBD	KVC B	55°06'55.22" N	162*16'38.95" W	186.96	407404.44	1582330.59	131.84	SACS		
TBD	KVC C	55°07'02.16" N	162'15'49.25" W	208.82	408096.73	1585222.81	153.66	SACS		

MODIFICATION OF STANDARDS									
ITEM	EXISTING	STANDARD	ULTIMATE	AIRSPACE #	APPROVAL DATE				
NONE									

NON-STANDARD CONDITIONS								
ITEM EXISTING STANDARD								
RUNWAY WIDTH	100'	75' (B-II)						
WIND COVERAGE (16 KNOTS)	95.26%	95%						
TAXIWAY WIDTH	50	35 (TDG 2)						

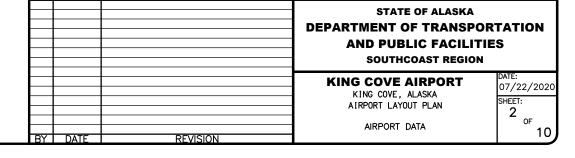
AIRPORT	DATA TABLE	
ITEM	EXISTING	ULTIMATE
ICAO IDENTIFIER	PAVC	SAME
NATIONAL AIRPORT IDENTIFIER	KVC	SAME
FAA SITE NUMBER	50414.1*A	SAME
AIRPORT ELEVATION NAVD88	148.9	SAME
AIRPORT REFERENCE CODE	B-II	SAME
CRITICAL AIRCRAFT	PA-31-350	SAME
MEAN MAX. TEMPERATURE, HOTTEST MONTH	55.9°F, AUGUST (COLD BAY, AK)	SAME
MAGNETIC DECLINATION, YEAR, RATE OF CHANGE	10°28' E, 0°14'	W/YEAR, 1/1/2020
AIRPORT AND TERMINAL NAVIGATION AIDS	AIRPORT BEACON, LIGHTED WIND CONE, SEGMENTED CIRCLE, AWOS, PAPI, REIL, GPS	SAME
NPIAS SERVICE LEVEL	GENERAL AVIATION	SAME
AASP CLASSIFICATION	COMMUNITY OFF-ROAD	SAME

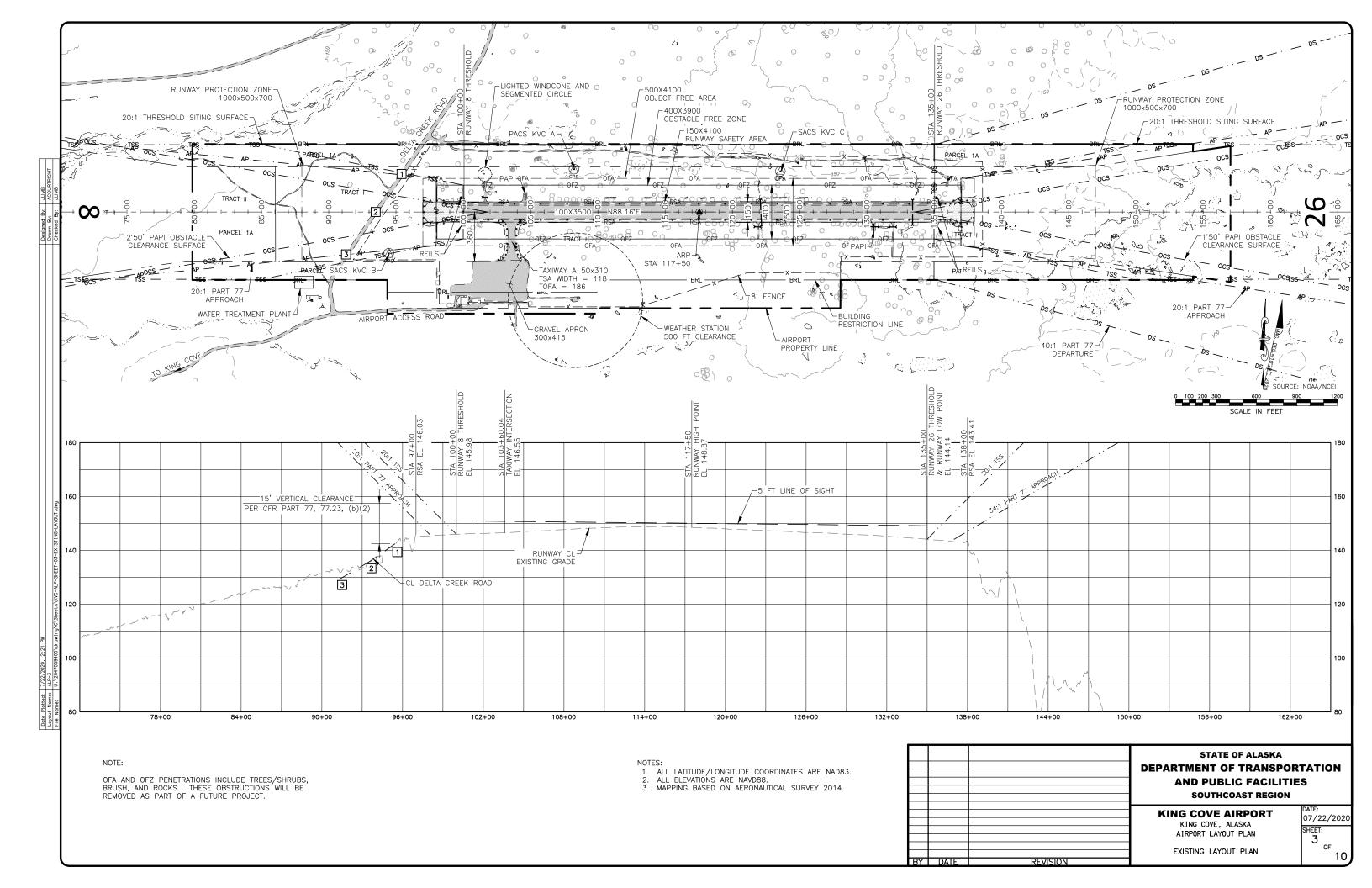
RUNWAY 08/26	DATA TABLE	
ITEM	EXISTING	ULTIMATE
RUNWAY TYPE (U OR OTU)	OTU	SAME
FAR PART 77 APPROACH CATEGORY (V, NPA, PA)	V / NPA	SAME
FAR PART 77 APPROACH SURFACE SLOPE	20:1 / 34:1	SAME
THRESHOLD SITING SURFACE (TYPE 3)	20:1 / 20:1	SAME
DEPARTURE SURFACE	Y / N/A	SAME
VISIBILITY MINIMUM	NLT 1 SM	SAME
RUNWAY DESIGN CODE	B-II-5000	SAME
APPROACH REFERENCE CODE (APRC)	B/III/5000	SAME
DEPARTURE REFERENCE CODE (DPRC)	B/III & D/II	SAME
RUNWAY SURFACE	GRAVEL	SAME
PAVEMENT STRENGTH (SW, DW, DTW x1000lbs)	N/A	SAME
PAVEMENT STRENGTH (PCN)	N/A	SAME
SURFACE TREATMENT	N/A	SAME
DESIGN GROUP OR AIRCRAFT IF > 60,000 lbs	N/A	SAME
MAXIMUM ELEVATION (NAVD88)	148.9	SAME
TOUCHDOWN ZONE ELEVATION NAVD88	148.9 / 148.9	SAME
EFFECTIVE GRADE	0.14%	SAME
MEAN GEODETIC BEARING	N 88.16° E	SAME
RUNWAY DIMENSIONS	100 x 3500	SAME
RUNWAY SAFETY AREA (RSA)	150 x 4100	SAME
RSA LENGTH BEYOND RUNWAY ENDS	300 / 300	SAME
RUNWAY PROTECTION ZONE (RPZ)	1000x500x700	SAME
RUNWAY OBJECT FREE AREA (ROFA)	500 x 4100	SAME
OFA LENGTH BEYOND RUNWAY ENDS	300 / 300	SAME
RUNWAY OBSTACLE FREE ZONE (ROFZ)	400 x 3900	SAME
PRECISION OBSTACLE FREE ZONE (POFZ)	N/A	SAME
RUNWAY LIGHTING	MIRL	SAME
RUNWAY MARKING TYPE	NONE	SAME
RUNWAY NAVIGATIONAL AIDS	PAPI, REIL, GPS	SAME
AERONAUTICAL SURVEY TYPE REQUIRED	NON-VERTICALLY GUIDED	SAME

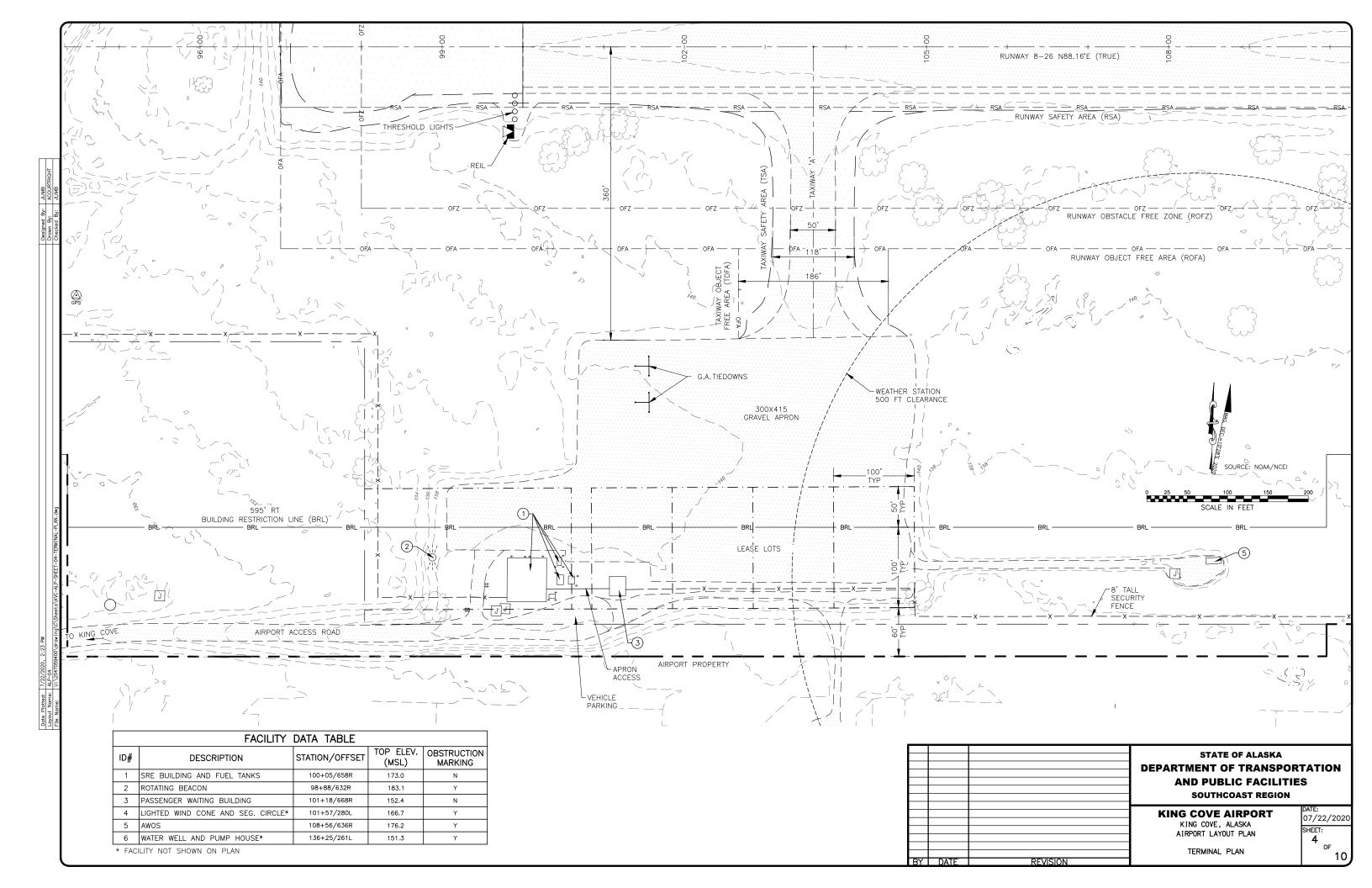
	TAXIWAY DATA TABLE																	
	EXISTING ULTIMATE																	
TW	TDG	ADG	LENGTH	WIDTH	SHLDR	TSA	TOFA	TESM	LIGHTS	TDG	ADG	LENGTH	WIDTH	SHLDR	TSA	TOFA	TESM	LIGHTS
А	3/4	Ш	310	50	25	118	186	10	MITL	3/4	≡	310	50	25	118	186	10	MITL

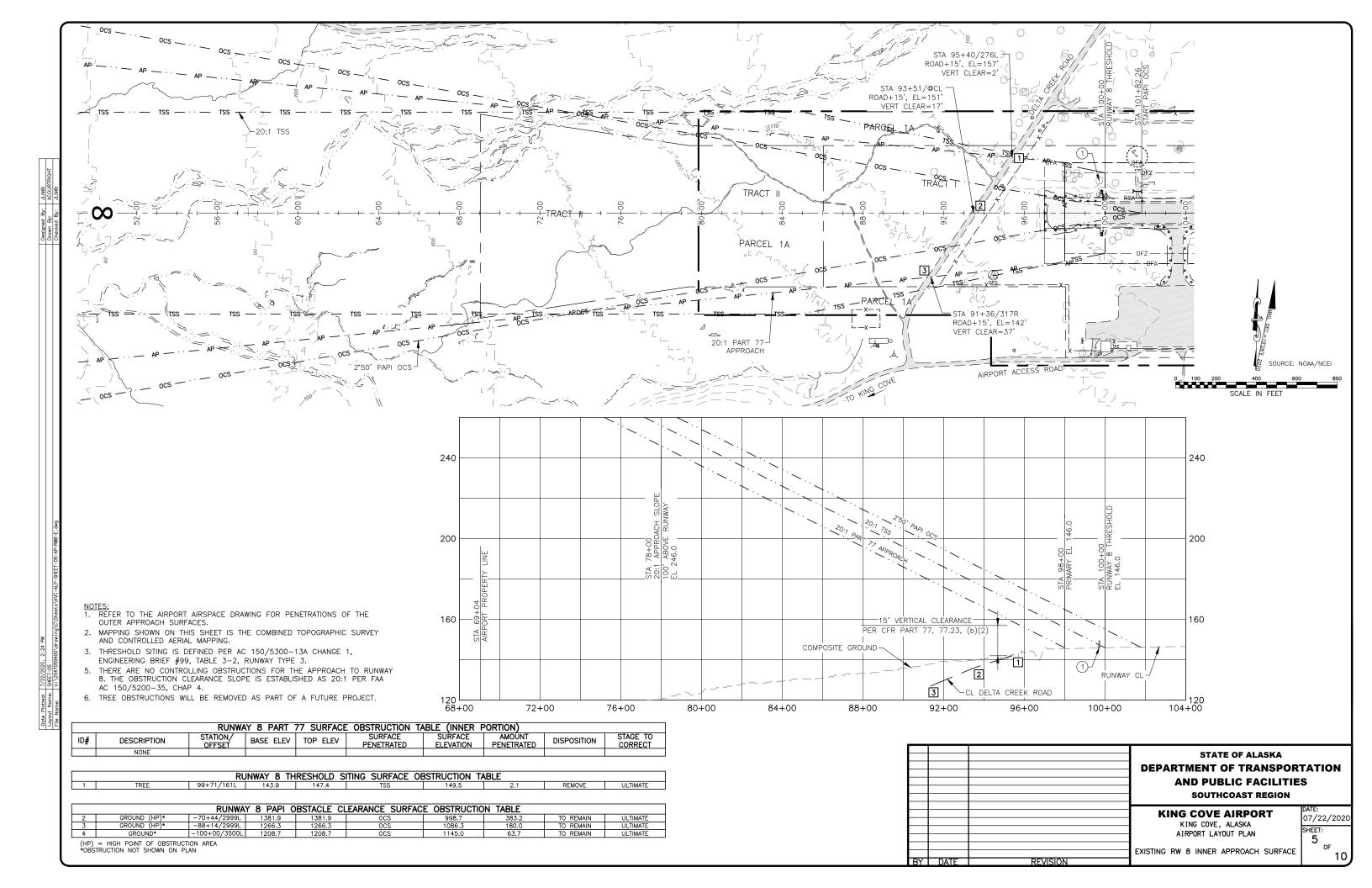
## NOTES

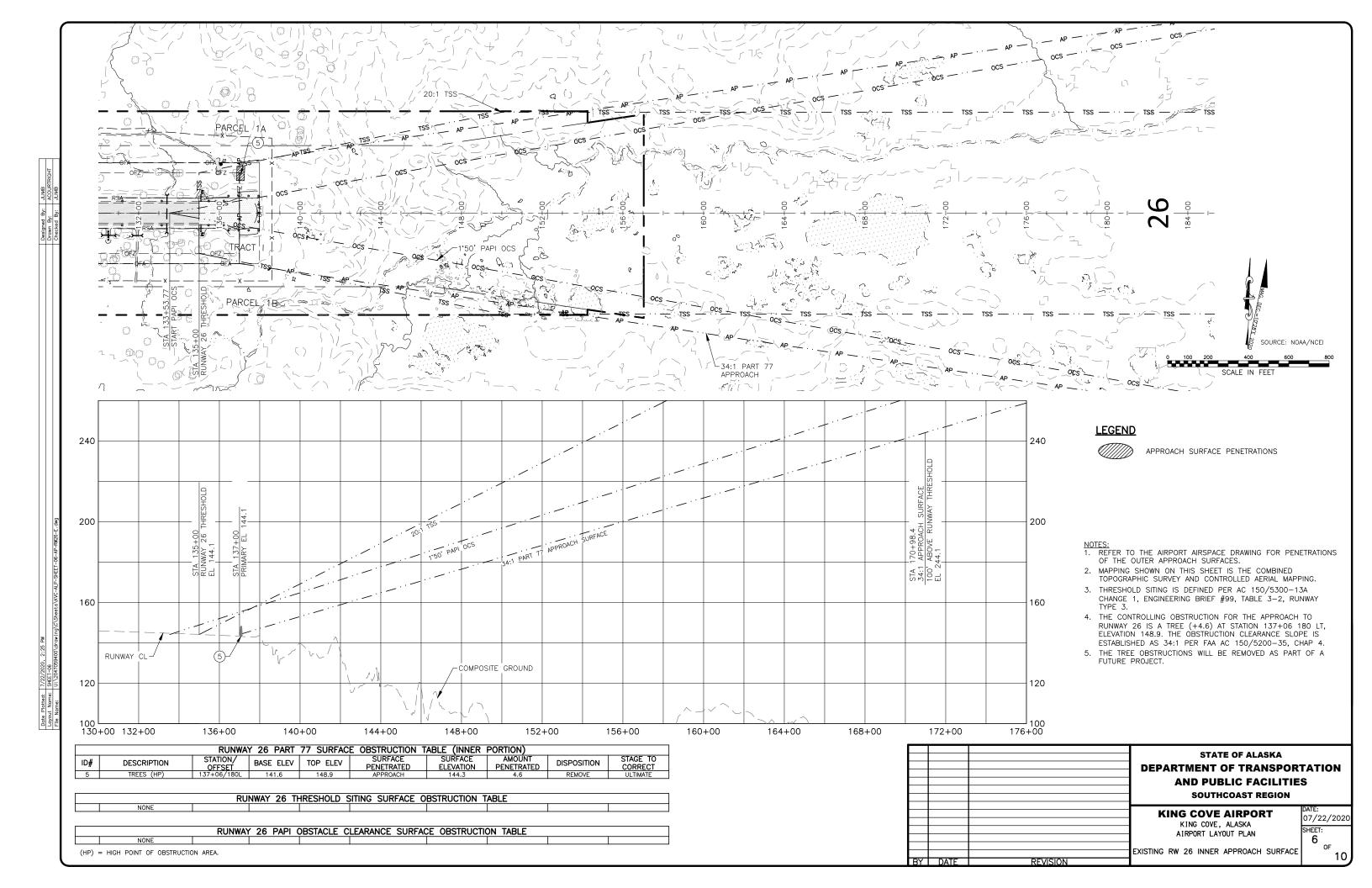
- THIS DRAWING IS A COMPILATION OF GROUND SURVEY AND AERIAL MAPPING DATA IN SUPPORT OF FAA AERONAUTICAL SURVEY #195180.
- 2. THE HORIZONTAL COORDINATE SYSTEM FOR THIS PROJECT IS NAD 83 (2011) (EPOCH 2010) ALASKA STATE PLANE ZONE 7, U.S. FEET. THE VERTICAL DATUM FOR THIS PROJECT IS NAVD 88 (GEOID 12B).
- 3. GROUND SURVEY WAS PERFORMED BY STANTEC DURING JUNE 13 THROUGH JUNE 24, 2017. AERIAL MAPPING WAS PERFORMED BY KODIAK MAPPING USING IMAGERY ACQUIRED ON SEPTEMBER 30, 2017.
- 4. PACS AND SACS POSITIONS SHOWN HEREIN ARE BASED ON NATIONAL GEODETIC SURVEY (NGS) ONLINE POSITIONAL USER SERVICE (OPUS) POSITIONING COMBINED WITH DIFFERENTIAL LEVELING. NGS PUBLISHED POSITIONS OF PACS AND SACS ARE NOT YET AVAILABLE AS OF (09/13/2018).
- 5. EXISTING RUNWAY NUMBERS ARE CURRENTLY 07 AND 25. MAGNETIC DECLINATION HAS CHANGED ENOUGH TO REQUIRE REDESIGNATION TO 08 AND 26.
- 6. B-II ALLOWABLE CROSSWIND COMPONENT DOES NOT PROVIDE REQUIRED 95% WIND COVERAGE. EXISTING RW WIDTH IS 100', WHICH EXCEEDS B-II STANDARDS AND MEETS THE REQUIRED WIND COVERAGE. ARC WILL REMAIN B-II DUE TO IMPRACTICABILITY OF CROSSWIND RUNWAY DEVELOPMENT.

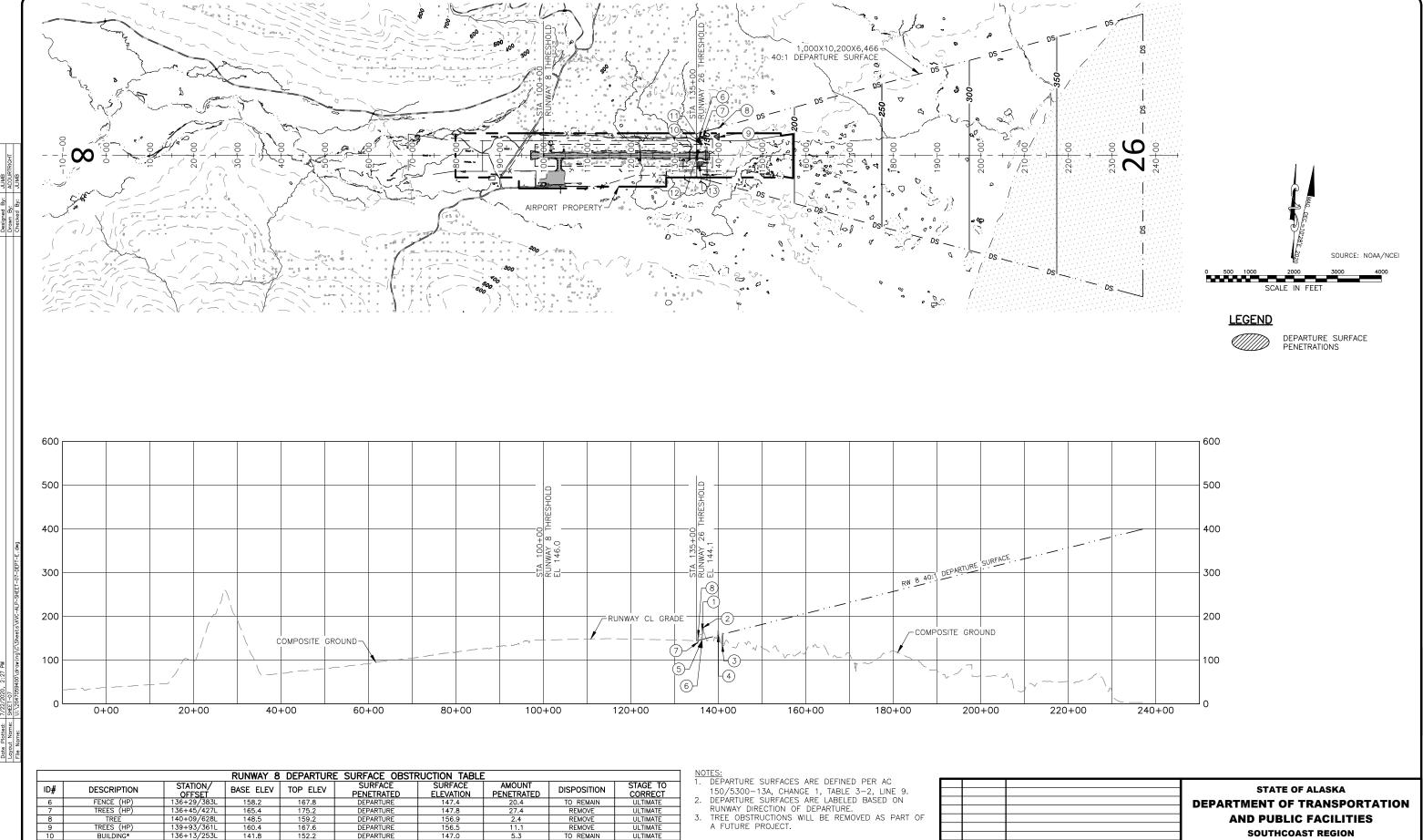












		OFFSEI			PENEIRAIED	ELEVATION	PENEIRAIED		CURRECT
6	FENCE (HP)	136+29/383L	158.2	167.8	DEPARTURE	147.4	20.4	TO REMAIN	ULTIMATE
7	TREES (HP)	136+45/427L	165.4	175.2	DEPARTURE	147.8	27.4	REMOVE	ULTIMATE
8	TREE	140+09/628L	148.5	159.2	DEPARTURE	156.9	2.4	REMOVE	ULTIMATE
9	TREES (HP)	139+93/361L	160.4	167.6	DEPARTURE	156.5	11.1	REMOVE	ULTIMATE
10	BUILDING*	136+13/253L	141.8	152.2	DEPARTURE	147.0	5.3	TO REMAIN	ULTIMATE
11	JUNCTION BOX	136+25/261L	141.8	148.7	DEPARTURE	147.3	1.5	TO REMAIN	ULTIMATE
12	TREES (HP)	135+28/109L	139.7	145.5	DEPARTURE	144.8	0.6	REMOVE	ULTIMATE
13	TREES (HP)	135+26/236R	140.6	152.9	DEPARTURE	144.8	8.1	REMOVE	ULTIMATE
		-	-	-					

(HP) = HIGH POINT OF OBSTRUCTION AREA \*OBSTRUCTION LIGHT

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	REVISION	DATE	BY	

**AND PUBLIC FACILITIES** SOUTHCOAST REGION

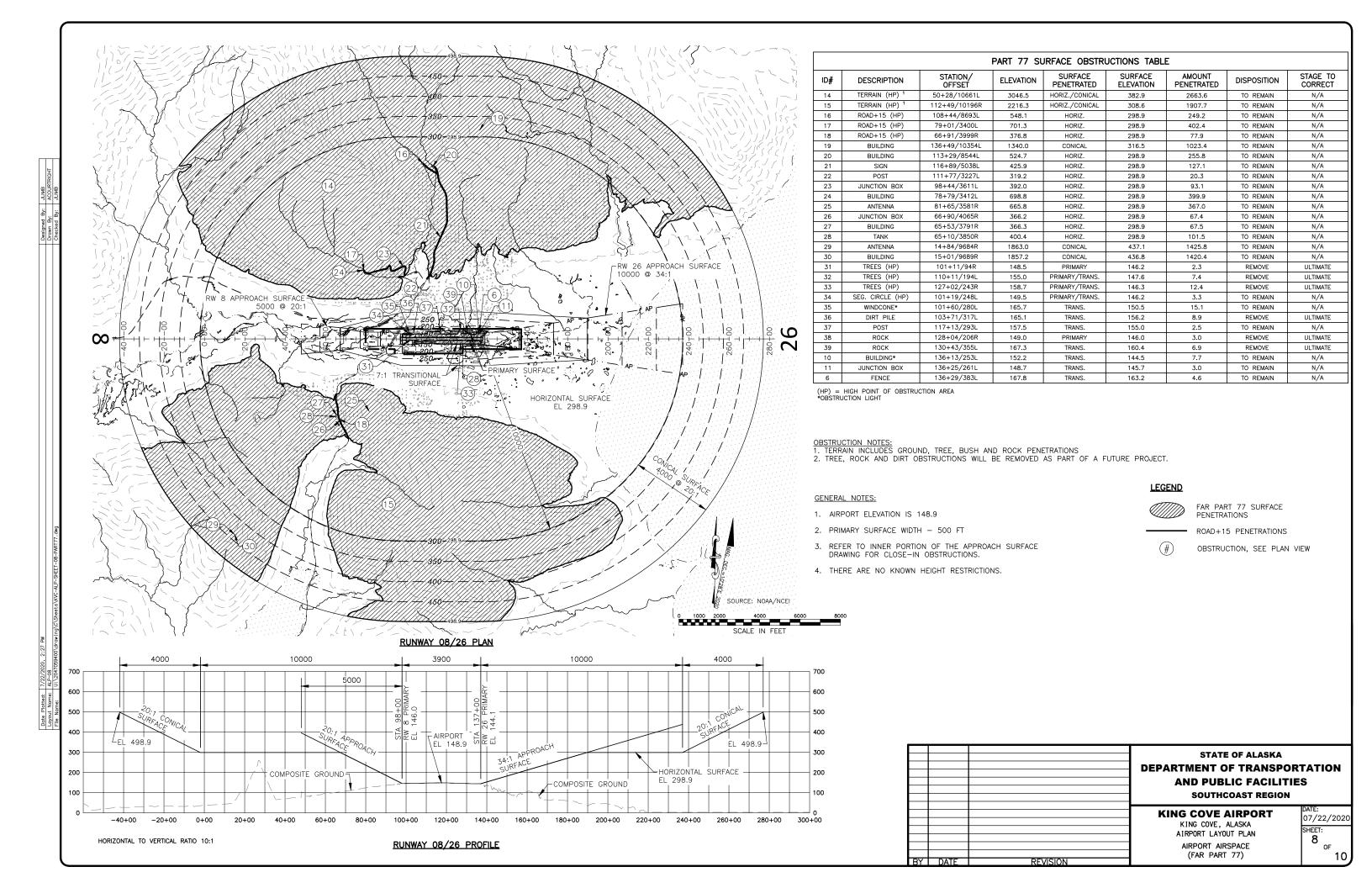
## KING COVE AIRPORT

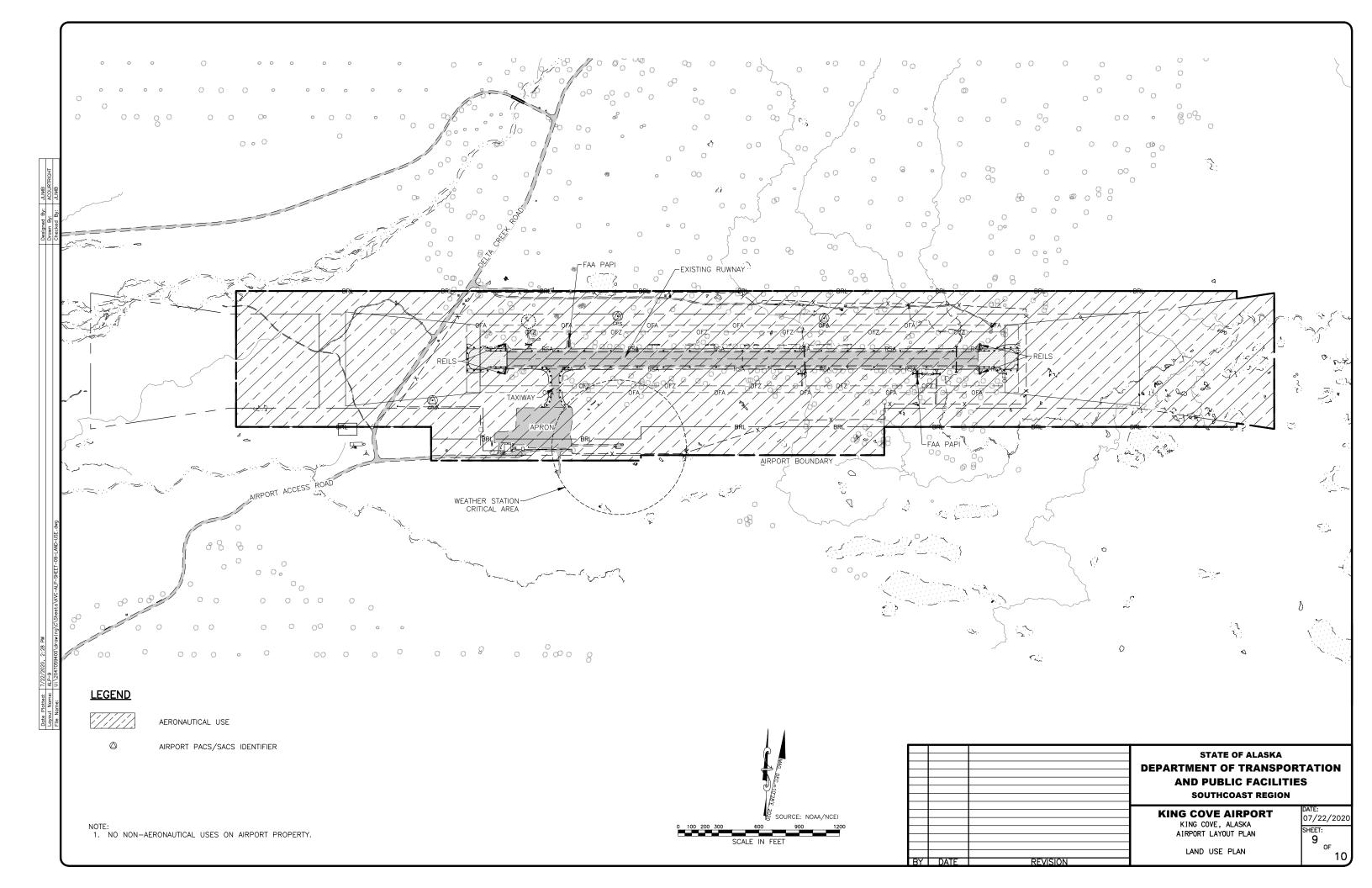
KING COVE, ALASKA AIRPORT LAYOUT PLAN

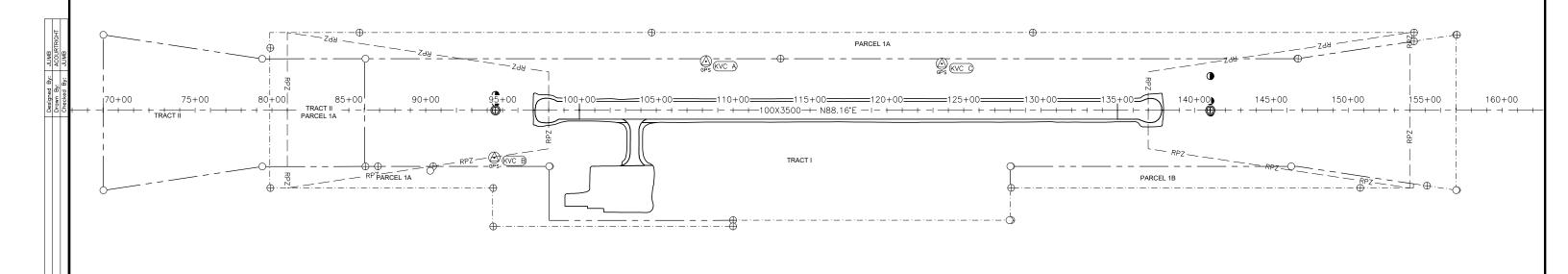
SHEET:

EXISTING DEPARTURE SURFACES

07/22/2020



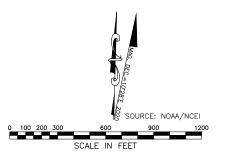




LEGEND - EXTERIOR AIRPORT PROPERTY BOUNDARY RUNWAY PROTECTION ZONE (APPROACH/DEPARTURE) - PARCEL LINE AIRPORT PACS/SACS IDENTIFIER PRIMARY MONUMENT SECONDARY MONUMENT  $\oplus$ PRIMARY CENTERLINE MONUMENT

SECONDARY CENTERLINE MONUMENT

PROPERTY STATUS										
PARCEL NO.	INTEREST TO BE ACQUIRED	GRANTOR	GRANTEE	LARGER PARCEL AREA	NET TAKE	REMAIN	RECORDED DOCUMET NO	ACQUIRED UNDER AIP NO		
TR I	FEE/SURFACE	KING COVE CORP.	STATE OF ALASKA, DOT/PF	LARGE	141.864 AC	- LARGE -	BK. 21, PG. 0448			
	EASEMENT & RESTRICTIVE COVENANTS/SUBSURFACE	THE ALEUT CORP.	STATE OF ALASKA, DOT/PF		(142.289 AC)		BK. 25, PG. 0894			
TR II	PERMIT A & H EASEMENT and ROW	KING COCE CORP.	STATE OF ALASKA, DOT/PF	LARGE	30.99 AC	LARGE -	BK. 21, PG. 0439			
	EASEMENT & RESTRICTIVE COVENANTS/SUBSURFACE	THE ALEUT CORP.	STATE OF ALASKA, DOT/PF		(±30.77 AC)		BK. 25, PG. 0894			
TR II, PCL A	FEE	KING COVE CORP.	STATE OF ALASKA, DOT/PF	LARGE	104± AC	LARGE	BK. 18, PG. 0926			
PARCEL IA & PARCEL IB	FEE/SURFACE	KING COVE CORP.	STATE OF ALASKA, DOT/PF	LARGE	54.50 AC	LARGE	2008-000531	3-02-0419-02		
	FEE/SUBSURFACE	THE ALEUT CORP.	STATE OF ALASKA, DOT/PF		(54.490 AC±)		2008-000532			



			STATE OF ALASKA  DEPARTMENT OF TRANSPORTATION  AND PUBLIC FACILITIES  SOUTHCOAST REGION			
			KING COVE AIRPORT  KING COVE, ALASKA AIRPORT LAYOUT PLAN  AIRPORT PROPERTY MAP	DATE: 07/22/2020 SHEET: 10 0F		
7 1	DATE	REVISION		10		