

Alaskan Region Airports Division

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

Federal Aviation Administration

July 26, 2022

Tadd Isaacson, P.E. ADOT&PF Aviation Design 4111 Aviation Ave Anchorage, AK 99519-6900

Dear Mr. Isaacson:

Kwigillingok Airport Kwigillingok, Alaska As-Built Airport Layout Plan (June 2022) (Original ALP Airspace # 2014-AAL-123-NRA)

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

Please retain this letter in your files for future reference.

Sincerely,

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



LEGEND					
ITEM	EXISTING	ULTIMATE			
AIRPORT REFERENCE POINT (A.R.P.)					
ANTENNA		<u>ل</u>			
BLUFF					
BUILDINGS		Construction of the second			
BUILDING RESTRICTION LINE	BRL	BRL			
FENCE	- x x x	- x x x			
PAPI		0000			
PIPELINE					
PROPERTY LINE					
REIL	B 1	O4			
ROADWAYS					
ROTATING BEACON	>●<	≥0€			
SHORELINE					
SURVEY MONUMENT		O			
THRESHOLD MARKERS/LIGHTS	000 000	000 000			
TOPOGRAPHIC CONTOURS	100	100			
TRAIL	====	====			
TREE (LARGE SINGLE)	*	l 🛞			
TREELINE	·····	······			
VASI		00			
WIND CONE (LIGHTED / UNLIGHTED)	ļ ļ	4			
WIND CONE AND SEGMENTED CIRCLE	Ð	Ð			
WIND GENERATOR	\checkmark	Å			

AIRPORT DATA						
ITEM	EXISTING	NEAR-TERM	ULTIMATE			
ICAO IDENTIFIER	PAGG	PAGG	PAGG			
NATIONAL AIRPORT IDENTIFIER	GGV	GGV	GGV			
FAA SITE NUMBER	50438.61*A	50438.61*A	50438.61*A			
AIRPORT ELEVATION (NAVD88)	21.4'	20'	20'			
AIRPORT REFERENCE CODE	A-1	B-I	B-I			
CRITICAL AIRCRAFT	CESSNA 206/207	CESSNA 206/207	CESSNA 206/207			
MEAN MAXIMUM TEMPERATURE, HOTTEST MONTH	63°, JULY	63°, JULY	63°, JULY			
AIRPORT AND TERMINAL NAVAIDS	NONE	ROT. BEACON	ROT. BEACON			
		AWOS, LIGHTED WINDCONE	AWOS, LIGHTED WINDCONE			
TAXIWAY LIGHTING / MARKING	NONE	MITL / NA	MITL / NA			
TAXIWAY WIDTH	25'	35'	35'			
OBSTRUCTION SURVEY SOURCE AND TYPE	NONE	NVG	NVG			
MAGNETIC DECLINATION, YEAR, RATE OF CHANGE	12*22' E,	JAN 2013 - 0°13.4' ('	W) / YEAR			
NPIAS SERVICE LEVEL	CS	CS	CS			
STATE SERVICE ROLE	COMMUNITY OFFROAD	COMMUNITY OFFROAD	COMMUNITY OFFROAD			

RUNWAY 15/33 DATA						
ITEM	EXISTING	NEAR-TERM	ULTIMATE			
RUNWAY TYPE UTILITY OR OTHER THAN UTILITY	UTILITY	UTILITY	UTILITY			
FAA PART 77 APPROACH CATEGORY (V, NPI, P)	VIS / VIS	NPI / NPI	NPI / NPI			
APPROACH SURFACES	20:1/20:1	20:1/20:1	20:1/20:1			
VISIBILITY MINIMUM	VIS	1 SM	1 SM			
RUNWAY DEPARTURE SURFACE	N/A	N/A	N/A			
RUNWAY SURFACE	GRAVEL	GRAVEL	GRAVEL			
PAVEMENT STRENGTH SW, DW, DTW, DDTW x1000lbs	N/A	N/A	N/A			
RUNWAY REFERENCE CODE	A – I – VIS					
RUNWAY DESIGN CODE		B - I - 5000	B - I - 5000			
TRUE BEARING	N 15'30'19.98" W	N 15'19'04.97" W	N 15'19'04.97" W			
EFFECTIVE GRADE	-0.32%	0.00%	0.00%			
TOUCHDOWN ELEVATION (NAVD88)	21.4' / 21.4'	20.0' / 20.0'	20.0' / 20.0'			
RUNWAY DIMENSIONS	40' x 1835'	60' × 3300'	60' × 3300'			
RUNWAY SAFETY AREA (RSA) DIMENSIONS	60' x 2315'	120' × 3780'	120' x 3780'			
LENGTH BEYOND R/W END	240' / 240'	240' / 240'	240' / 240'			
RUNWAY PROTECTION ZONE (RPZ) DIMENSIONS	250' x 450' x 1000'	500' x 700' x 1000'	500' x 700' x 1000'			
RUNWAY OBJECT FREE AREA (ROFA) DIMENSIONS	250' x 2315'	400' × 3780'	400' × 3780'			
LENGTH BEYOND R/W END OR STOPWAY	240' / 240'	240' / 240'	240' / 240'			
RUNWAY OBSTACLE FREE ZONE (ROFZ) DIMENSIONS	250' x 2235'	400' × 3700'	400' × 3700'			
RUNWAY LIGHTING	NONE	MIRL	MIRL			
RUNWAY MARKING TYPE	N/A	N/A	N/A			
RUNWAY VISUAL APPROACH AIDS	NONE	NONE	PAPI, REIL			

IT	E	Ν
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EXISTING		
	NEAR-TERM	ULTIMATE
		UTILITY
		NPI / NPI
		20:1 / 20:1
		1 SM
		N/A
		GRAVEL
<u>A</u>	\$	N/A
, CY		B - I - 5000
		N 56'02'28.76" E
N N	∧×`	0.00%
A.	¥.	20.0'
4	~	60' x 3300'
		120' x 3780'
7	4	240' / 240'
		500' x 700' x 1000'
		400' x 3780'
		240' / 240'
		400' x 3700'
		MIRL
		N/A
		PAPI, REIL
	EXISTING EXISTING POLICE POLICE POLICE	

RUNWAY 4/22 DATA						
ITEM	EXISTING	NEAR-TERM	ULTIMATE			
RUNWAY TYPE UTILITY OR OTHER THAN UTILITY			UTILITY			
FAR PART 77 APPROACH CATEGORY (V, NPI, P)			NPI / NPI			
APPROACH SURFACES			20:1 / 20:1			
VISIBILITY MINIMUM			1 SM			
RUNWAY DEPARTURE SURFACE		1	N/A			
RUNWAY SURFACE			GRAVEL			
PAVEMENT STRENGTH SW, DW, DTW, DDTW x1000lbs	- ABILY	<u>s</u>	N/A			
RUNWAY DESIGN CODE	.С ^х	.07	B - I - 5000			
TRUE BEARING		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	N 56'02'28.76" E			
EFFECTIVE GRADE	Å.	~~~	0.00%			
TOUCHDOWN ELEVATION (NAVD88)	A,	A,	20.0'			
RUNWAY DIMENSIONS	4	~	60' x 3300'			
RUNWAY SAFETY AREA (RSA) DIMENSIONS	<u></u>	<u></u>	120' x 3780'			
LENGTH BEYOND R/W END	~	7	240' / 240'			
RUNWAY PROTECTION ZONE (RPZ) DIMENSIONS			500' x 700' x 1000'			
RUNWAY OBJECT FREE AREA (ROFA) DIMENSIONS			400' x 3780'			
LENGTH BEYOND R/W END OR STOPWAY			240' / 240'			
RUNWAY OBSTACLE FREE ZONE (ROFZ) DIMENSIONS			400' x 3700'			
RUNWAY LIGHTING			MIRL			
RUNWAY MARKING TYPE			N/A			
RUNWAY VISUAL APPROACH AIDS			PAPI, REIL			

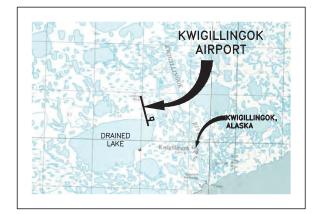
	LIGHTIN	0	
WAY	MARKIN	G TYPE	
WAY	VISUAL	APPROACH	AIDS

BY	06/2022 DATE ROVED.	AS-BUILT PER CFAPT00312 REVISION DATE.	HT# TITLE DATA EXISTING LAYOUT NEAR-TERM LAYOU ULTIMATE LAYOUT EXISTING INNER PO NEARTERM & ULT ULTIMATE INNER P AIRPORT AIRSPACE	DRTION OF THE APPROACH INNER PORTION OF THE AI ORTION OF THE APPROACH PLAN 14CFR PART 77 PROFILES (15-33) AND (SURFACE PPRCH SURF (15–33) SURFACE (4–22)
REC PRE	NETH M. MOR Ommended:	DATE:	DEPARTMEN AND F	ATE OF ALASKA T OF TRANSI PUBLIC FACILI ENTRAL REGION	PORTATION TIES
AL FA PA	P APPROVAL A AIRSPACE TRICK J ZETTL	IT PLAN CONDITIONAL APPROVAL SUBJECT TO LETTER DATED _ 10/6/2014 REVIEW NUMBER: 2014-AAL-123-NRA Digitally signed by PATRICKJ ER ZITLER ASSAULT AS-Built Accepted Date 2020/26/12/2702-08007 DATE:	KWIGILLI AIRPORT	GOK AIRPORT NGOK, ALASKA LAYOUT PLAN DATA	. DATE: 08/19/201- SHEET: 1 0F

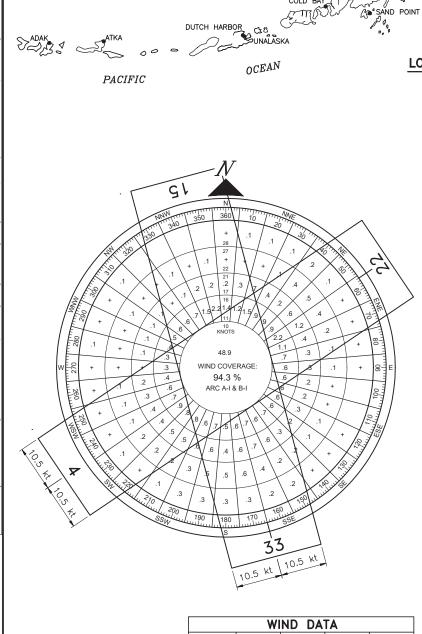
GEOGRAPHIC COORDINATES							
ITEM	EXISTING LATITUDE	EXISTING LONGITUDE	NEAR-TERM	NEAR-TERM LONGITUDE	ULTIMATE LATITUDE	ULTIMATE LONGITUDE	
ARP	59*52'32.48"	W163'10'05.11"	N59'52'29.45"	W163'10'03.56"	N59'52'17"	W163'10'07.16"	
THRESHOLD RW 15	N59'52'41.19"	W163'10'09.91"	N59*52'45.13"	W163'10'12.10"	N59*52'45.13"	W163 10'12.10"	
THRESHOLD RW 33	N59'52'23.77"	W163*10'00.32"	N59*52'13.78"	W163'09'55.02"	N59*52'13.78"	W163'09'55.02"	
THRESHOLD RW 4					N59*51'54.51"	W163 10'37.57"	
THRESHOLD RW 22					N59*52'12.66"	W163'09'43.96"	
	1				100 02 12:00	1 1100 00 10.00	

NON STANDARD CONDITIONS						
DESCRIPTION	STANDARD	EXISTING	ULTIMATE	AIRSPACE	APPROVAL DATE	
SEWAGE LAGOON SEPARATION	5000'	3562'	1207'	2000-AAL-206-0E	7-10-2001	
WATER RESERVOIR SEPARATION	5000'	2218'	1794'	2000-AAL-206-OE	7-10-2001	
FUTURE LANDFILL SEPARATION	5000'	>5000	3845'			

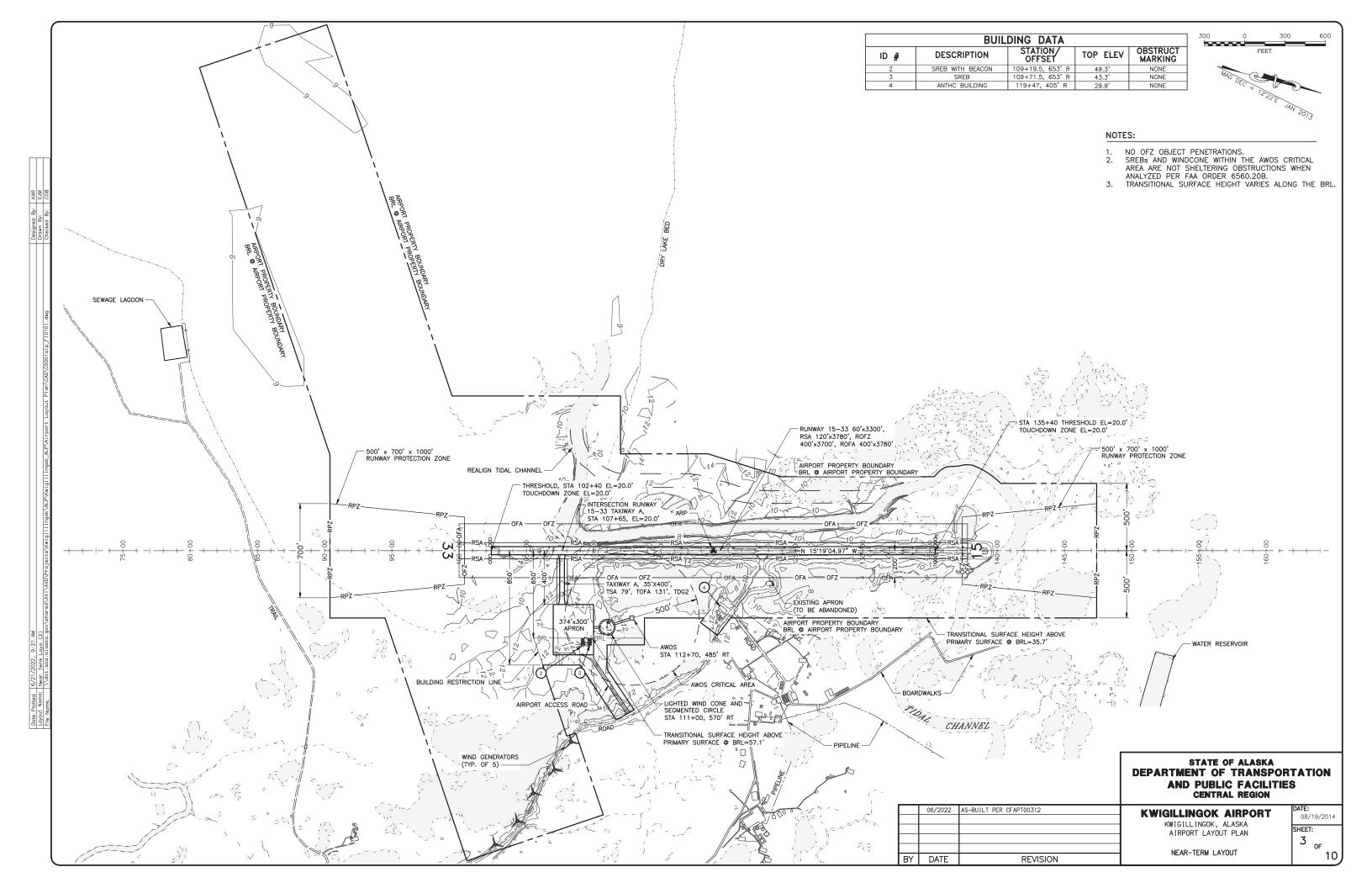
NOTES:
1. COORDINATES ARE NAD 8.3, ELEVATIONS ARE NAVD88
2. THERE ARE NO THRESHOLD SITING SURFACE PENETRATIONS PER AC 150/5300-13A, PARA 303.
3. THERE ARE NO MODIFICATIONS TO STANDARDS.

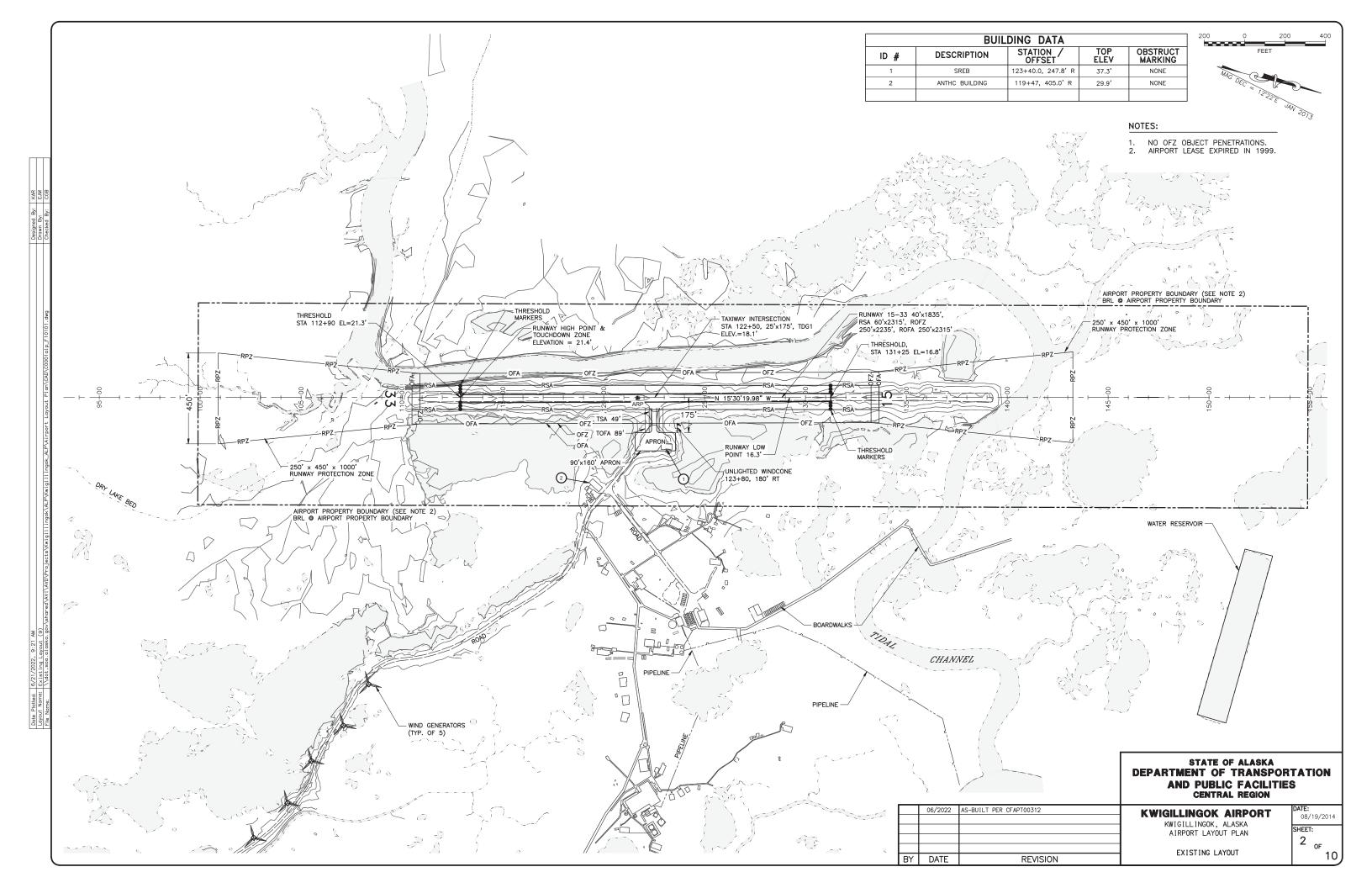


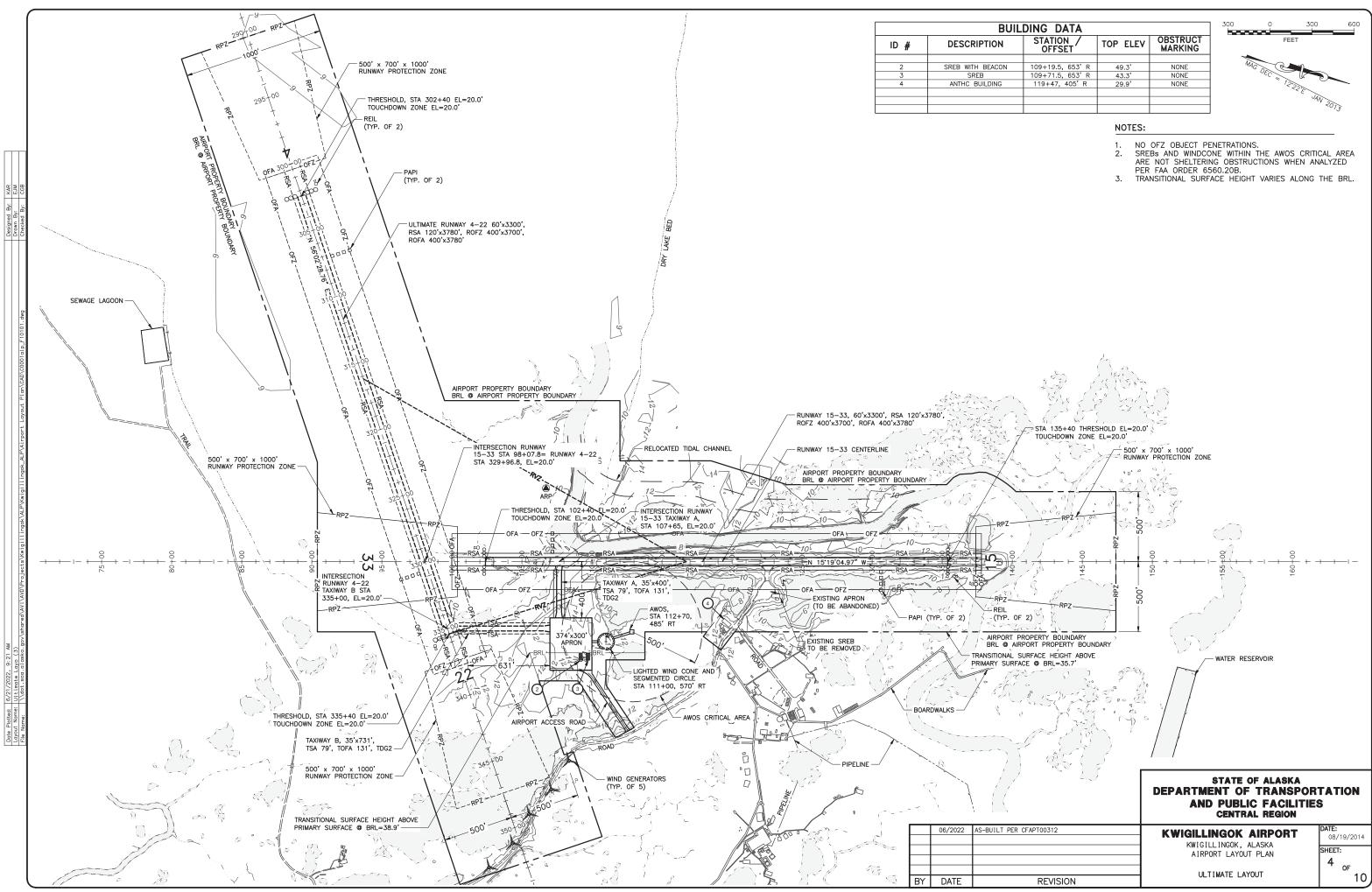
VICINITY MAP	
T 3 S, R 81 W, SEC 26,27,34,35 T 4 S, R 81 W, SEC 3 SEWARD, MERIDIAN U.S.G.S. KUSKOKWM BAY (D-4), ALASKA, 1954	
1 0 1	2
MILES	

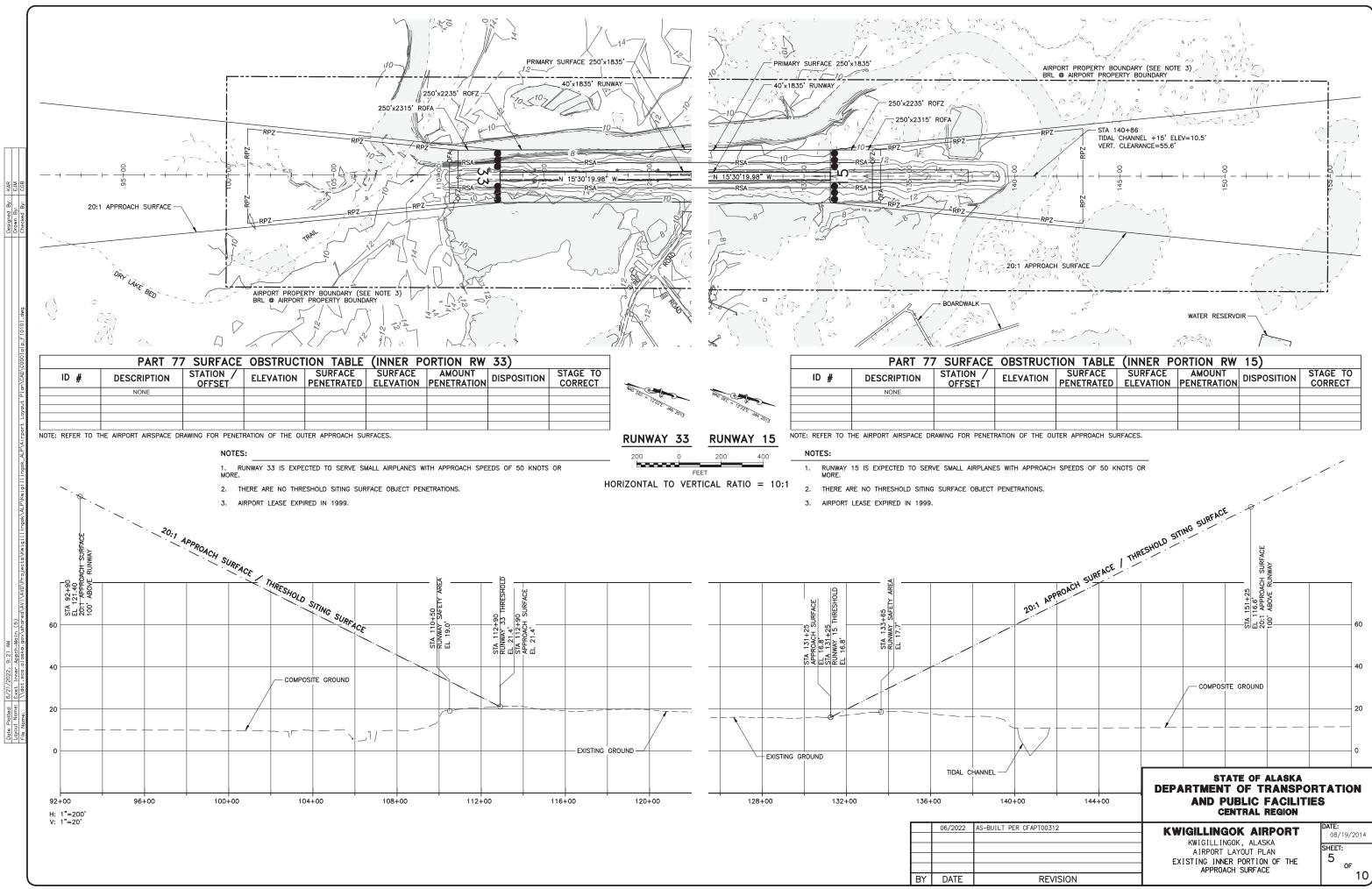


		WIND DATA				
		RUNWAY	10.5 kt	13 kt	16 kt	20 kt
DATA SOURCE:	ALASKA ENERGY AUTHORITY KONGIGANAK, ALASKA	15/33	75.30%	-	-	-
KUNGIGANAK, ALASKA	4/22	75.59%	-	-	-	
PERIOD:	OCTOBER 21, 2004	COMBINED	94.30%	-	-	-
<u></u>	OCTOBER 18, 2005					

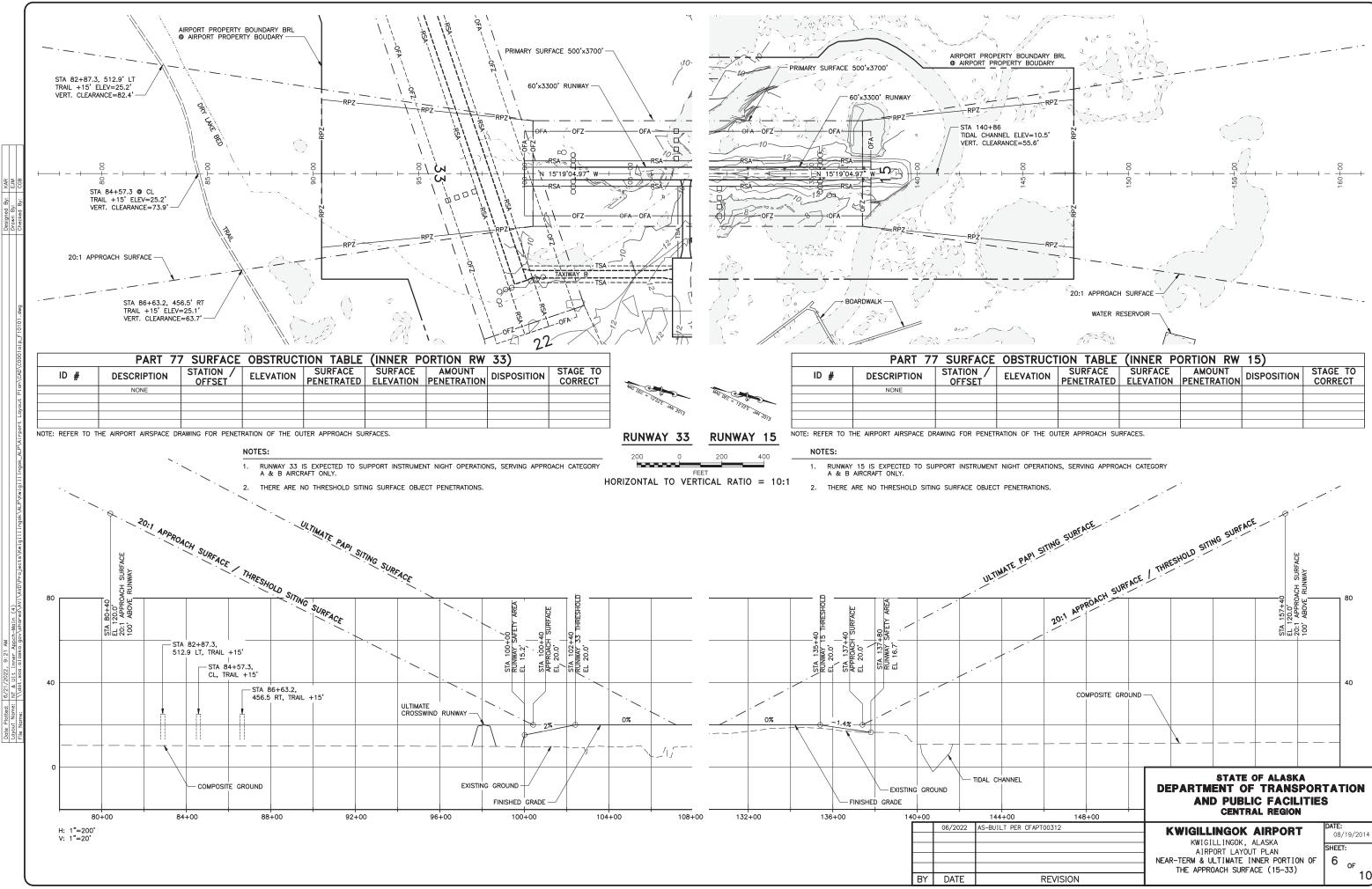






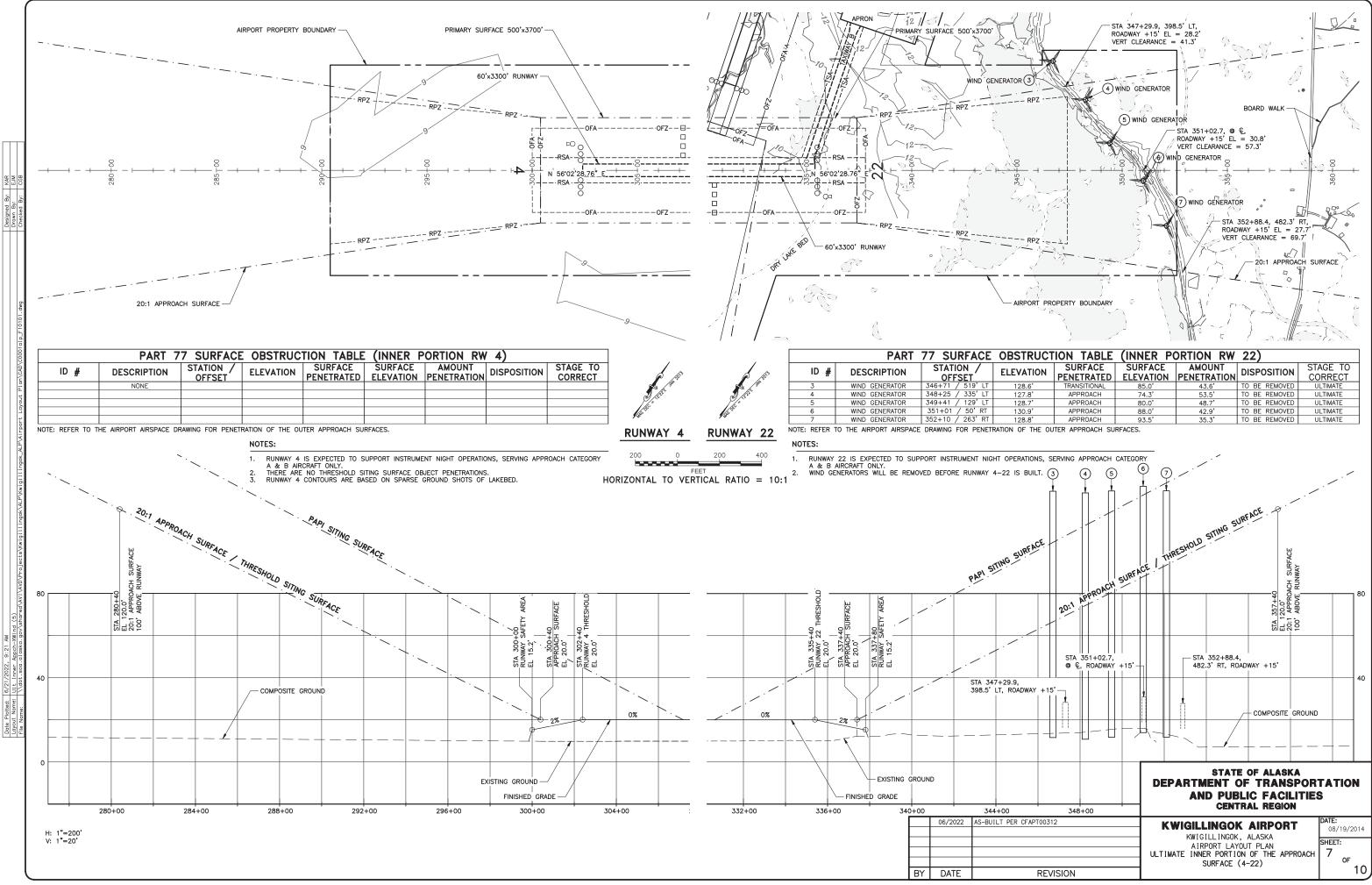


ATION	PENETRATED	ELEVATION	PENETRATION	DISPOSITION	CORRECT

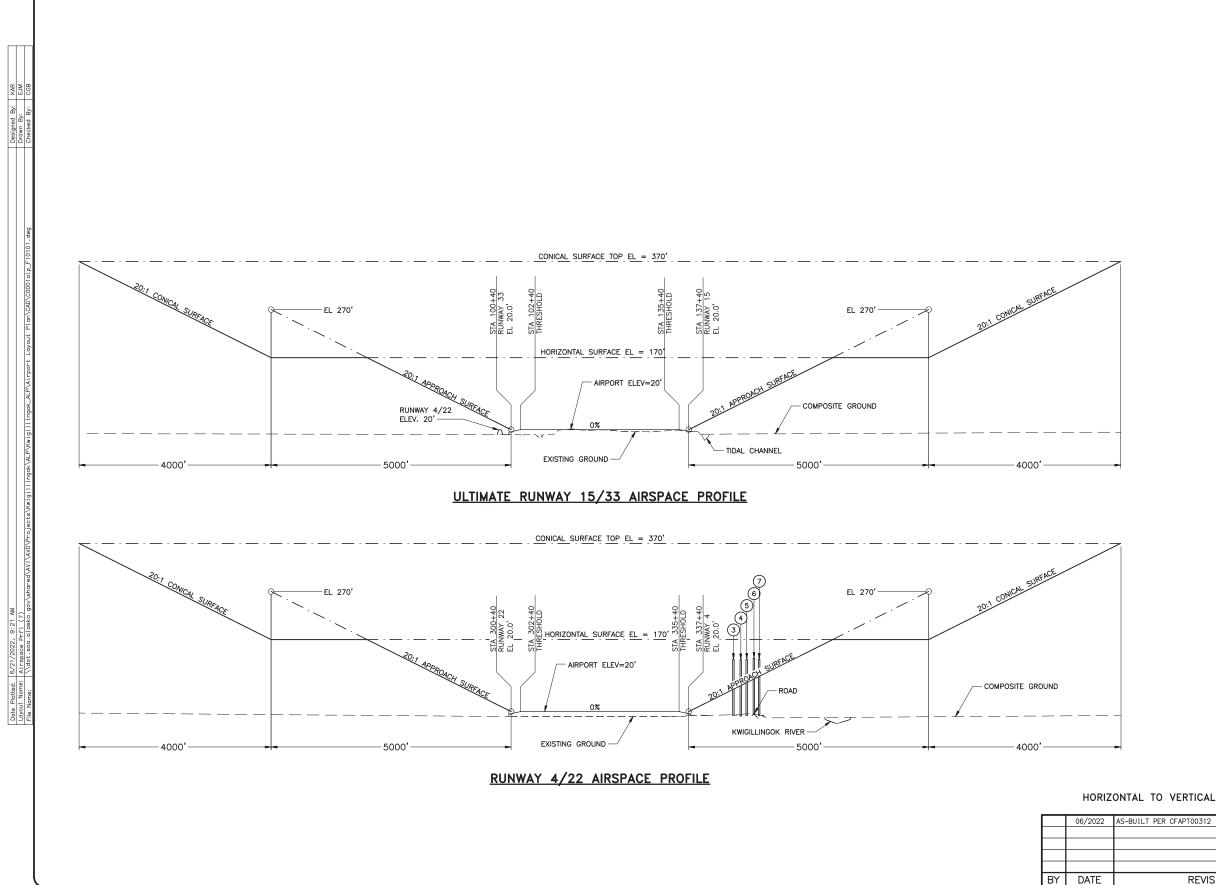


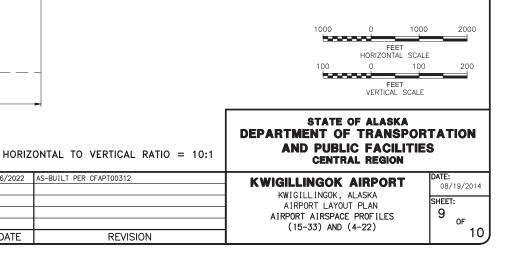
IRUCI	ION TABLE	(INNER PO	JELION RW	15)	
ATION	SURFACE PENETRATED	SURFACE ELEVATION	AMOUNT PENETRATION	DISPOSITION	STAGE TO CORRECT

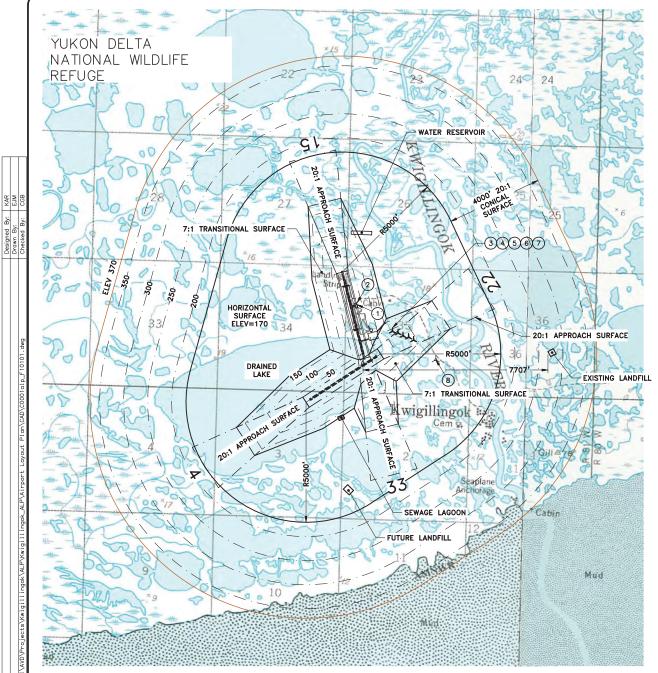
ATIONS.		/ .
PI STING SURFACE	THRESHOD STATE ONLY OF STATES	80
20:1 APPROAU	STA 157+4(EL 120.0 20:1 APPR0 100' ABOVE	
COMPOSITE GROUND		40
148+00	STATE OF ALASKA DEPARTMENT OF TRANSPOR AND PUBLIC FACILITIE CENTRAL REGION	
CFAPT00312	KWIGILLINGOK AIRPORT KWIGILLINGOK, ALASKA AIRPORT LAYOUT PLAN NEAR-TERM & ULTIMATE INNER PORTION OF THE APPROACH SURFACE (15-33)	DATE: 08/19/2014 SHEET: 6 0F 10
REVISION		1 10



TRUCT	ION TABLE	(INNER PO	DRTION RW	22)	
ATION	SURFACE PENETRATED	SURFACE ELEVATION	AMOUNT PENETRATION	DISPOSITION	STAGE TO CORRECT
8.6'	TRANSITIONAL	85.0'	43.6'	TO BE REMOVED	ULTIMATE
7.8'	APPROACH	74.3'	53.5'	TO BE REMOVED	ULTIMATE
8.7'	APPROACH	80.0'	48.7'	TO BE REMOVED	ULTIMATE
0.9'	APPROACH	88.0'	42.9'	TO BE REMOVED	ULTIMATE
8.8'	APPROACH	93.5'	35.3'	TO BE REMOVED	ULTIMATE
		DEACES			





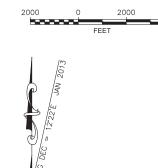


AIRPORT AIRSPACE PLAN

tted: lame:

Date

NOTE: SEE SHEET 9 FOR 15-33 AND 4-22 RUNWAY PROFILES.



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		PART	77 SURFA	CE OBSTRU	CTION TAB	LE		
ID #	DESCRIPTION	STATION / OFFSET ①	ELEVATION	SURFACE PENETRATED	SURFACE ELEVATION	AMOUNT PENETRATION	DISPOSITION	STAGE TO CORRECT
1	SREB	123+40 / 248' RT	37.3'	PRIMARY	20.0'	17.3'	TO BE REMOVED	NEAR-TERM
2	POWER POLE	123+47 / 281'RT	43.4'	TRANSITIONAL	24.4'	19.0'	TO BE REMOVED	NEAR-TERM
3	WIND GENERATOR	108+35 / 1421' RT	128.6'	TRANSITIONAL	85.0'	43.6'	TO BE REMOVED 2	
4	WIND GENERATOR	107+10 / 1625' RT	127.8'	APPROACH	74.3'	53.5'	TO BE REMOVED 2	
5	WIND GENERATOR	105+51 / 1801' RT	128.7'	APPROACH	80.0'	48.7'	TO BE REMOVED 2	
6	WIND GENERATOR	104+33 / 2009' RT	130.9'	APPROACH	88.0'	42.9'	TO BE REMOVED 2	
7	WIND GENERATOR	102+66 / 2182' RT	128.8'	APPROACH	93.5'	35.3'	TO BE REMOVED 2	
8	COMMUNICATION TOWER	92+71 / 2874' RT	257.9'	HORIZONTAL	170.0'	88.0'	TO REMAIN	

() STATIONING IS BASED OFF OF RUNWAY 15-33.

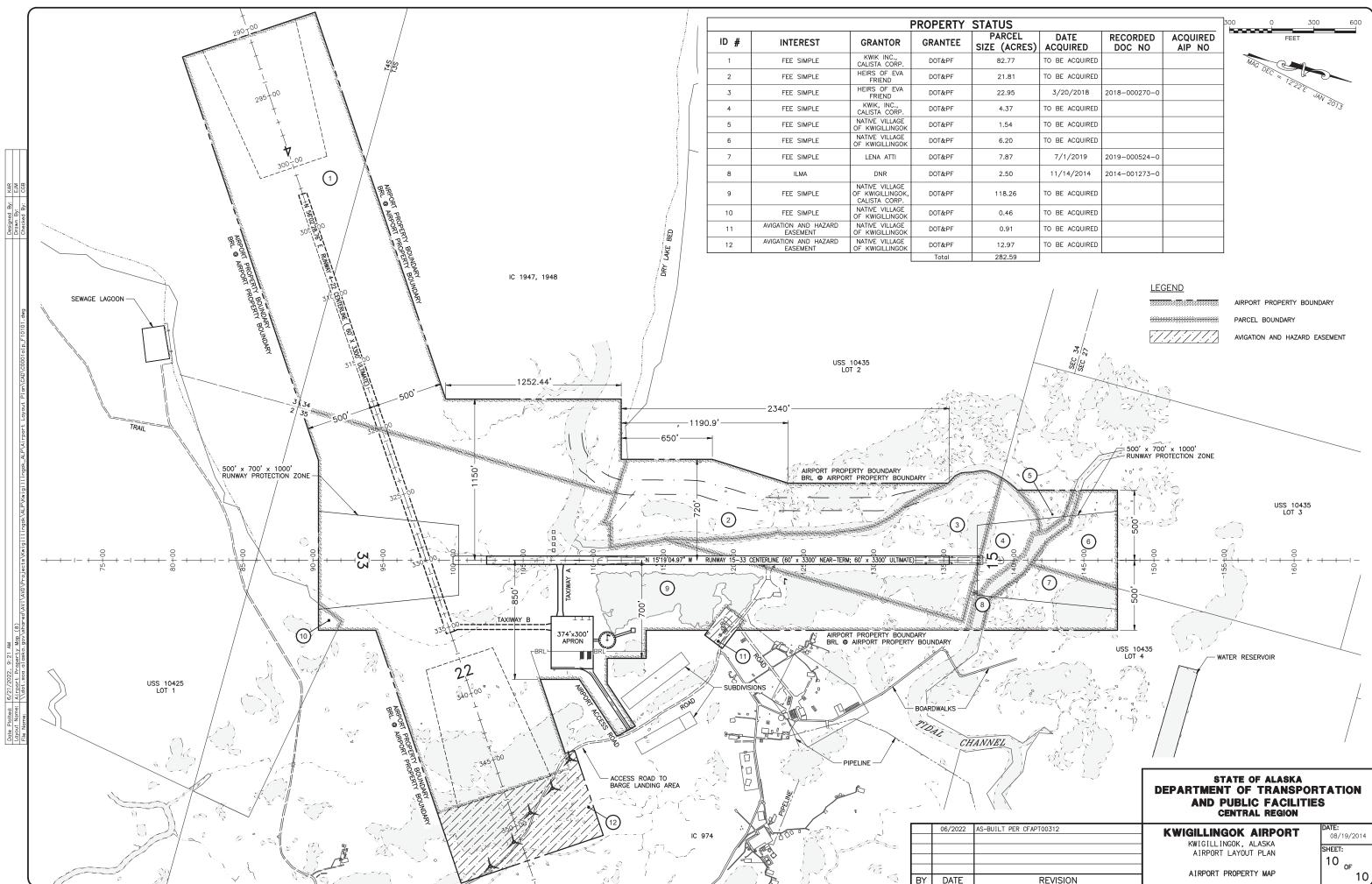
 $\textcircled{\sc 0}$ The wind generators will be removed before runway 4–22 is built.

	06/2022	AS-BUILT PER CFA
BY	DATE	

NOTES:

- 1. AIRPORT ELEVATION IS 20.0'.
- APPROACH SURFACES ARE 20:1 BEGINNING 200' FROM THE THRESHOLDS.
- BASE MAP DATA FROM USGS QUAD KUSKOKWIM BAY (D-4), 1954.
- REFER TO THE INNER PORTION OF THE APPROACH SURFACE DRAWINGS FOR CLOSE—IN OBSTRUCTIONS.
- 5. PRIMARY SURFACE WIDTH IS 500' FOR EACH RUNWAY
- 6. THERE ARE NO KNOWN HEIGHT RESTRICTIONS.
- 7. NO OBSTRUCTION SURVEY HAS BEEN PERFORMED.

		DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES		
FAPT00312	KWIGILLINGOK AIRPORT	DATE: 08/19/2014		
	KWIGILLINGOK, ALASKA AIRPORT LAYOUT PLAN	SHEET: 8 _{OF}		
REVISION	AIRPORT AIRSPACE PLAN 14CFR PART 77	10		



- RES)	DATE ACQUIRED	RECORDED DOC NO	ACQUIRED AIP NO
	TO BE ACQUIRED		
	TO BE ACQUIRED		
	3/20/2018	2018-000270-0	
	TO BE ACQUIRED		
	TO BE ACQUIRED		
	TO BE ACQUIRED		
	7/1/2019	2019-000524-0	
	11/14/2014	2014-001273-0	
	TO BE ACQUIRED		
			•