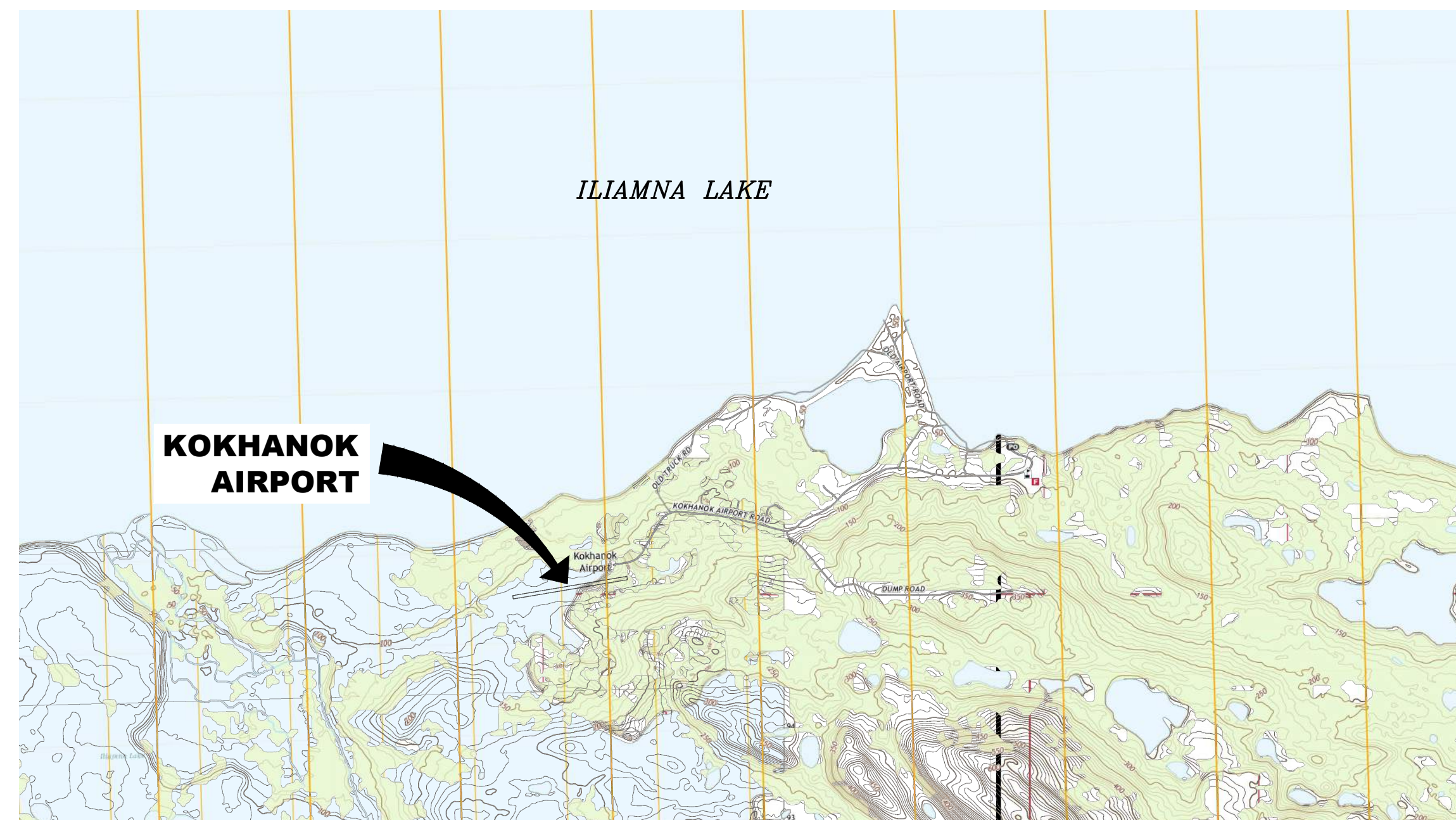
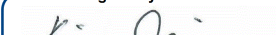
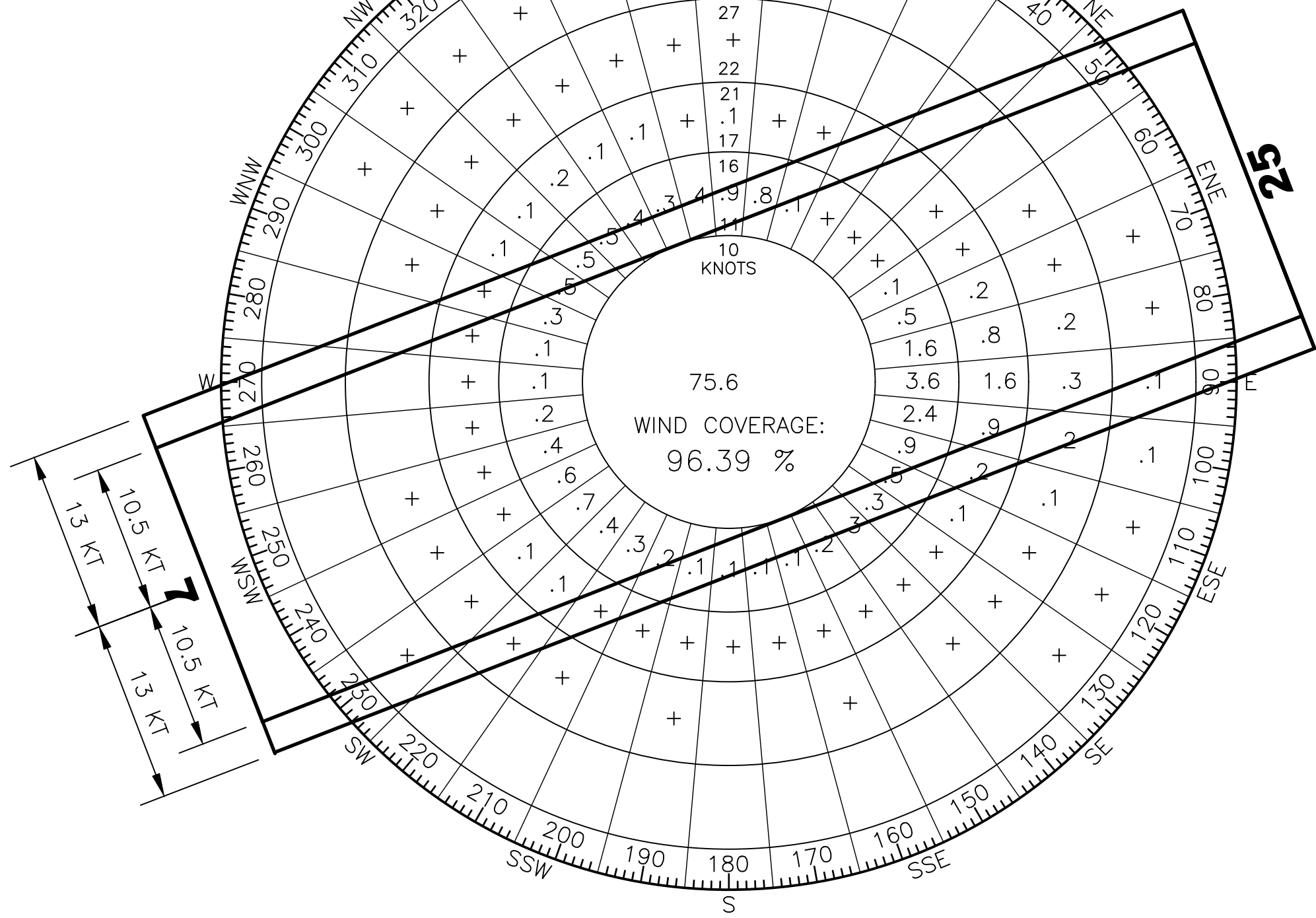


			APPROVED: (eSigned by)  KIRK MILLER, P.E. DATE: 6/20/2025 RECOMMENDED: Signed by:  DAVID EPSTEIN, P.E. DATE: 6/18/2025	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES SOUTHCOST REGION	
			AIRPORT LAYOUT PLAN CONDITIONAL APPROVAL SUBJECT TO ALP APPROVAL LETTER DATED 06/24/2025 FAA AIRSPACE REVIEW NUMBER: 2025-AAL-488-NRA	KOKHANOK AIRPORT KOKHANOK, ALASKA AIRPORT LAYOUT PLAN COVER	DATE: 6/18/2025 SHEET: 1 OF 17
BY	DATE	REVISION	FAA, AIRPORTS DIVISION ALASKAN REGION,		



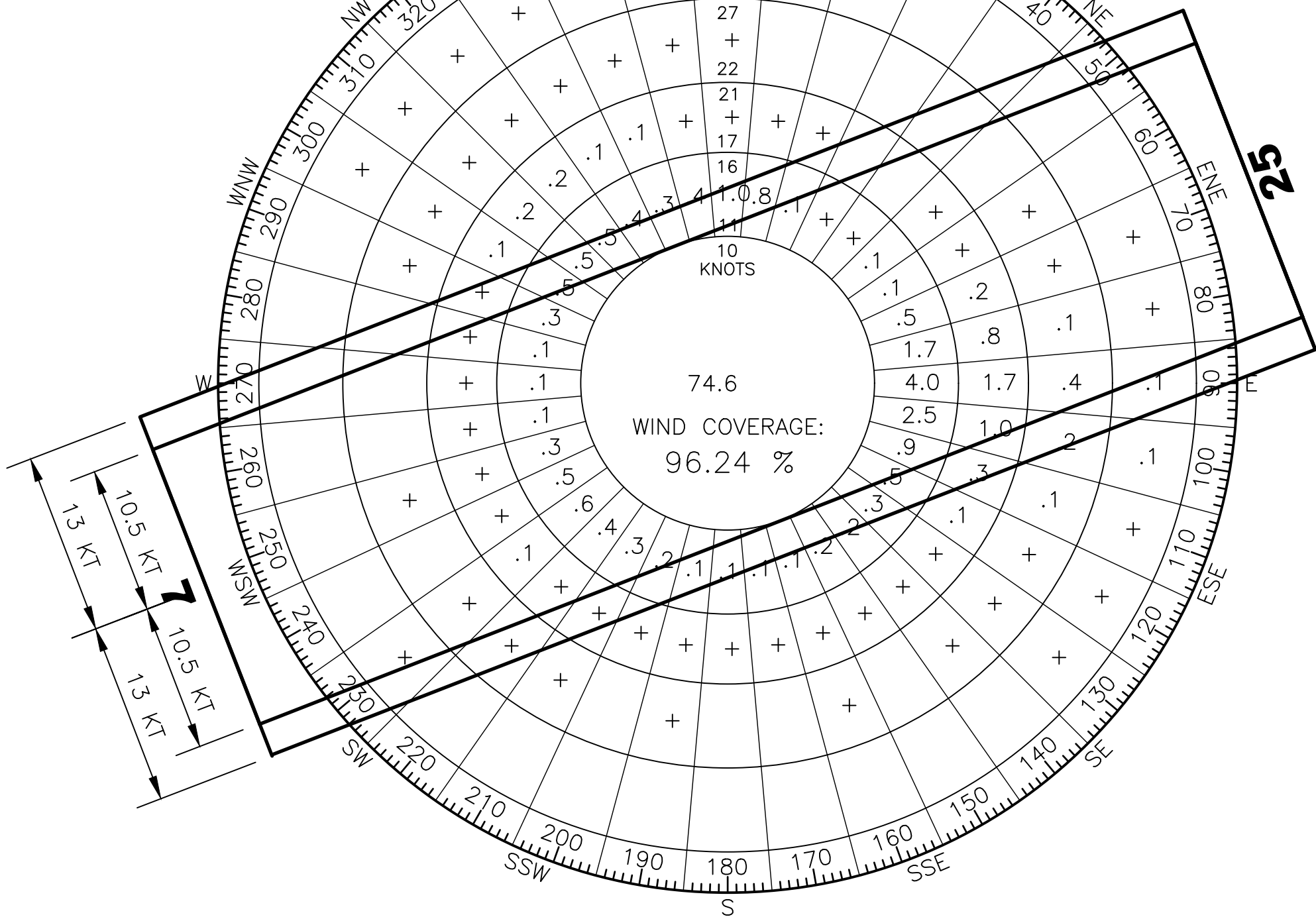
WIND DATA

NOTE: WIND SPEED IS INDICATED IN KNOTS.

ALL WEATHER WIND DATA			
RUNWAY	10.5 kt	13 kt	
RW 07/25	92.84%	96.39%	

SOURCE: 703400 ILLIAMNA AIRPORT ANNUAL

PERIOD: 2014 – 2023



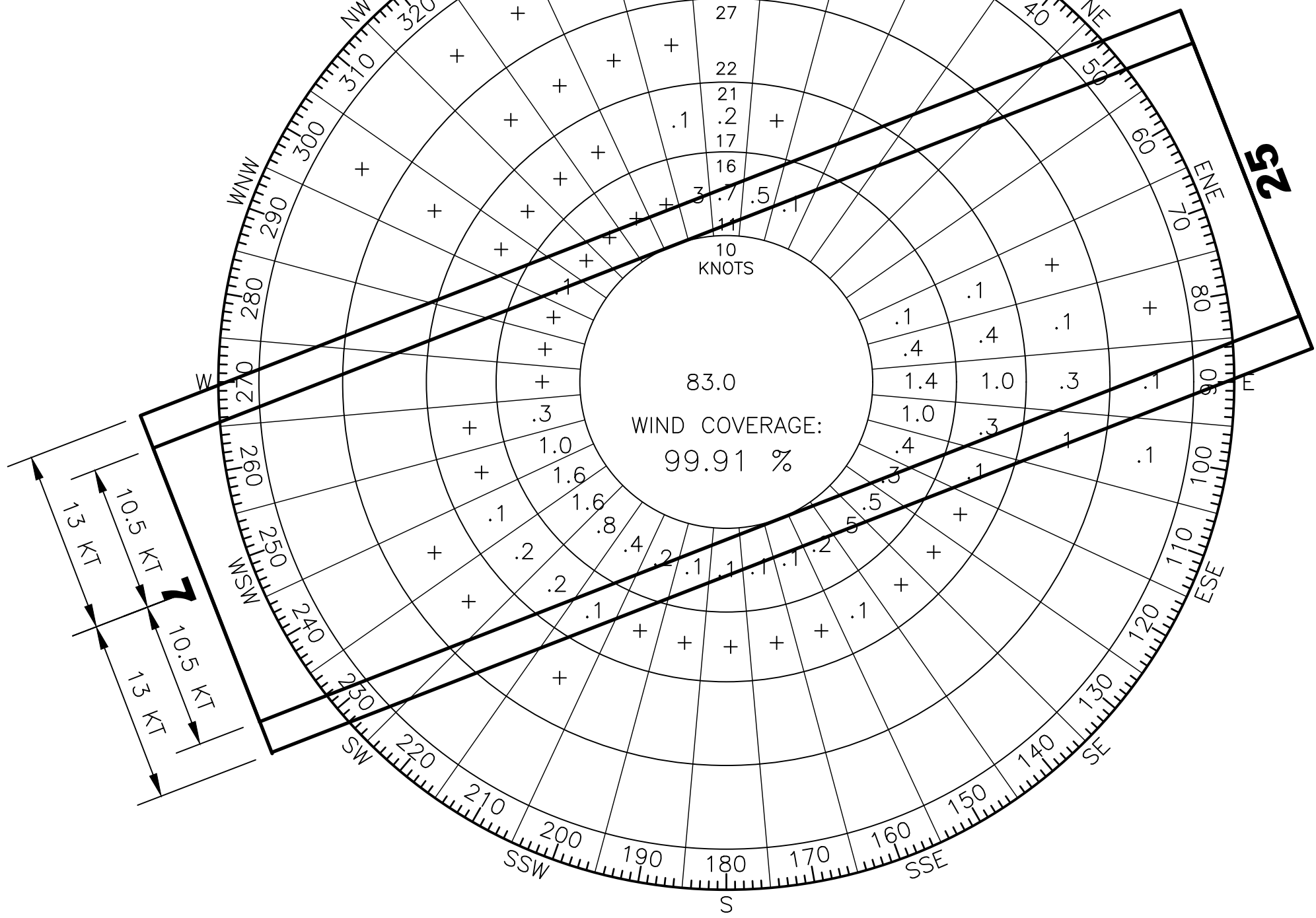
WIND DATA

NOTE: WIND SPEED IS INDICATED IN KNOTS.

VFR WIND DATA			
RUNWAY	10.5 kt	13 kt	
RW 07/25	92.47%	96.24%	

SOURCE: 703400 ILLIAMNA AIRPORT ANNUAL

PERIOD: 2014 – 2023



WIND DATA

NOTE: WIND SPEED IS INDICATED IN KNOTS.

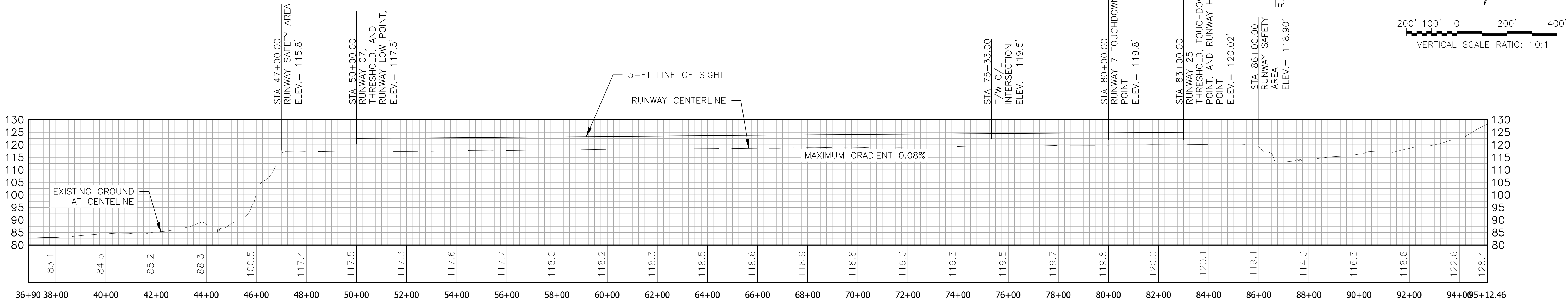
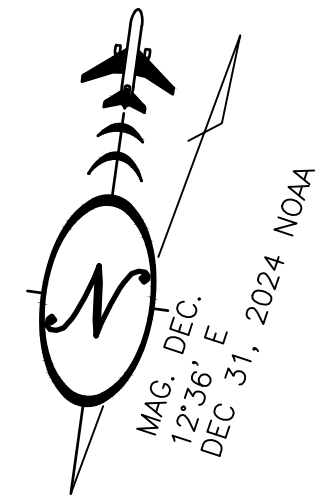
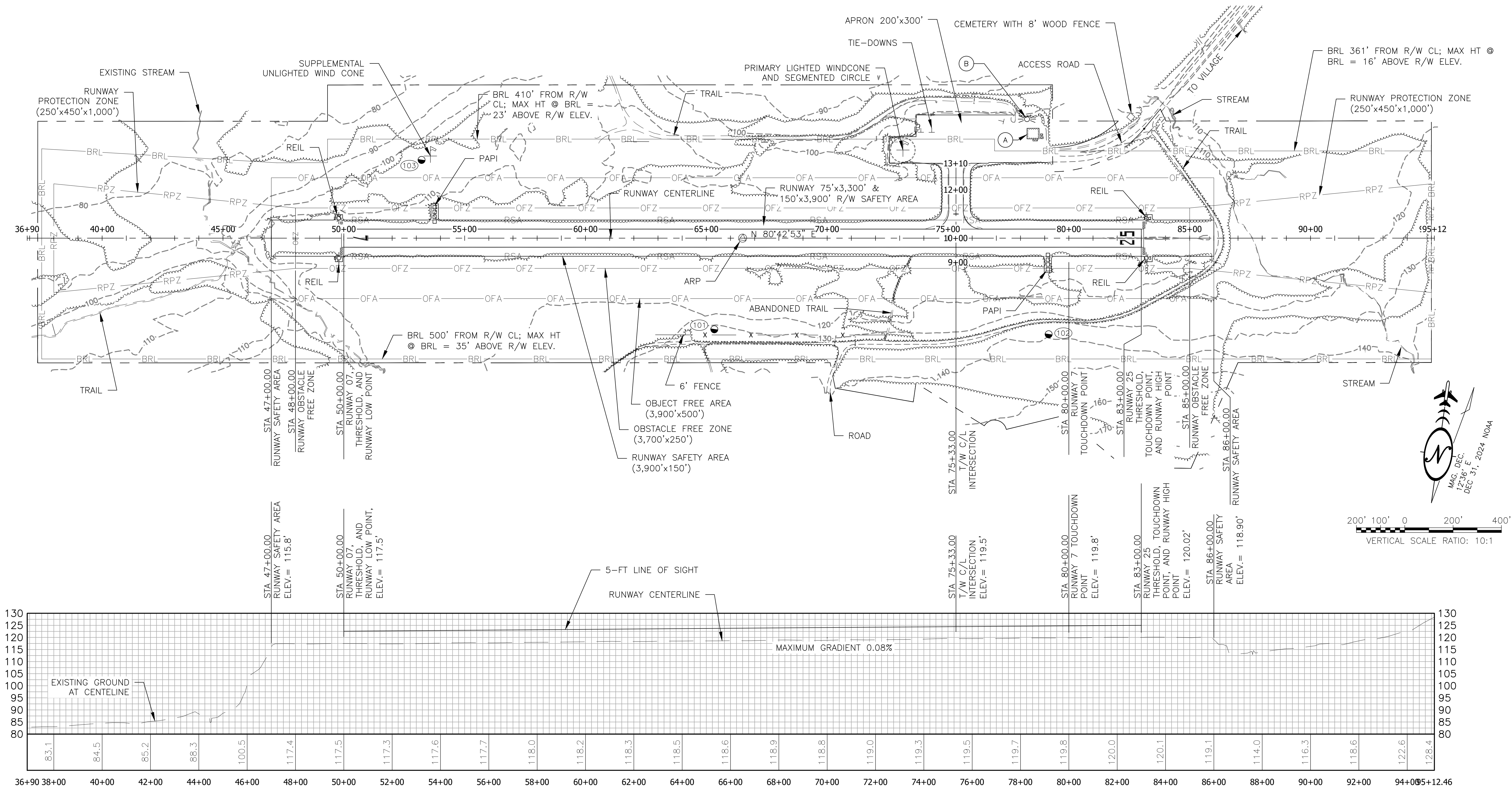
IFR WIND DATA			
RUNWAY	10.5 kt	13 kt	
RW 07/25	95.37%	97.91%	

SOURCE: 703400 ILLIAMNA AIRPORT ANNUAL

PERIOD: 2014 – 2023

[illegible]

Designed By: MPM, PCD
Drawn By: KK
Checked By: MSW
Date Plotted: 6/18/2025, 10:13 AM
Layout Name: Existing Layout
File Name: H:\a\as\22-034_Kokhanok Airport Resurficing & Fencing (001-SC)\05 - ALP\CAD\DRAWINGS\ALP-9K2-Existing Layout Planning

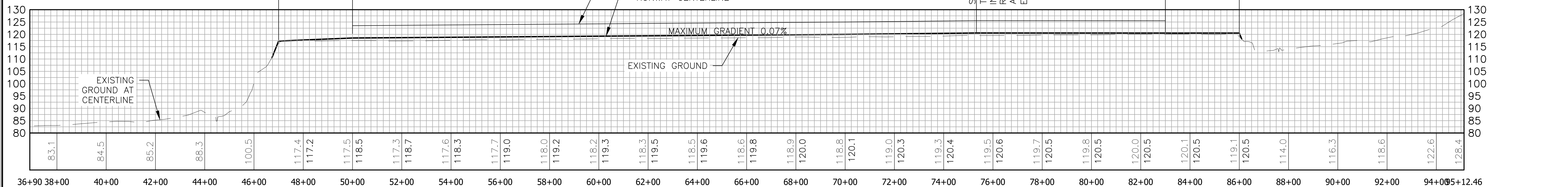


NOTES:

- SEE INNER APPROACH SHEETS FOR THRESHOLD SITING, AND APPROACH SURFACES.
- NO 5-FOOT LINE OF SIGHT OBSTRUCTIONS.
- NO OFA OR OFZ PENETRATIONS.
- TOPOGRAPHIC SURVEY WAS PERFORMED BY HDL ENGINEERING CONSULTANTS, LLC. (HDL), FROM AUGUST 07 THROUGH AUGUST 26, 2024.
- SEE SHEET 2 FOR AIRPORT CONTROL STATION AND TAXIWAY INFORMATION.

BUILDING DATA				
ID	DESCRIPTION	STATION AND OFFSET	TOP ELEVATION (NAVD88)	OBSTRUCTION MARKING
A	SNOW REMOVAL BUILDING	STA 78+26, 432.9 LT	138.4'	NONE
B	POLE MOUNTED ROTATING BEACON	STA 78+26, 492.8 LT	155.8'	NONE
C				
D				
E				

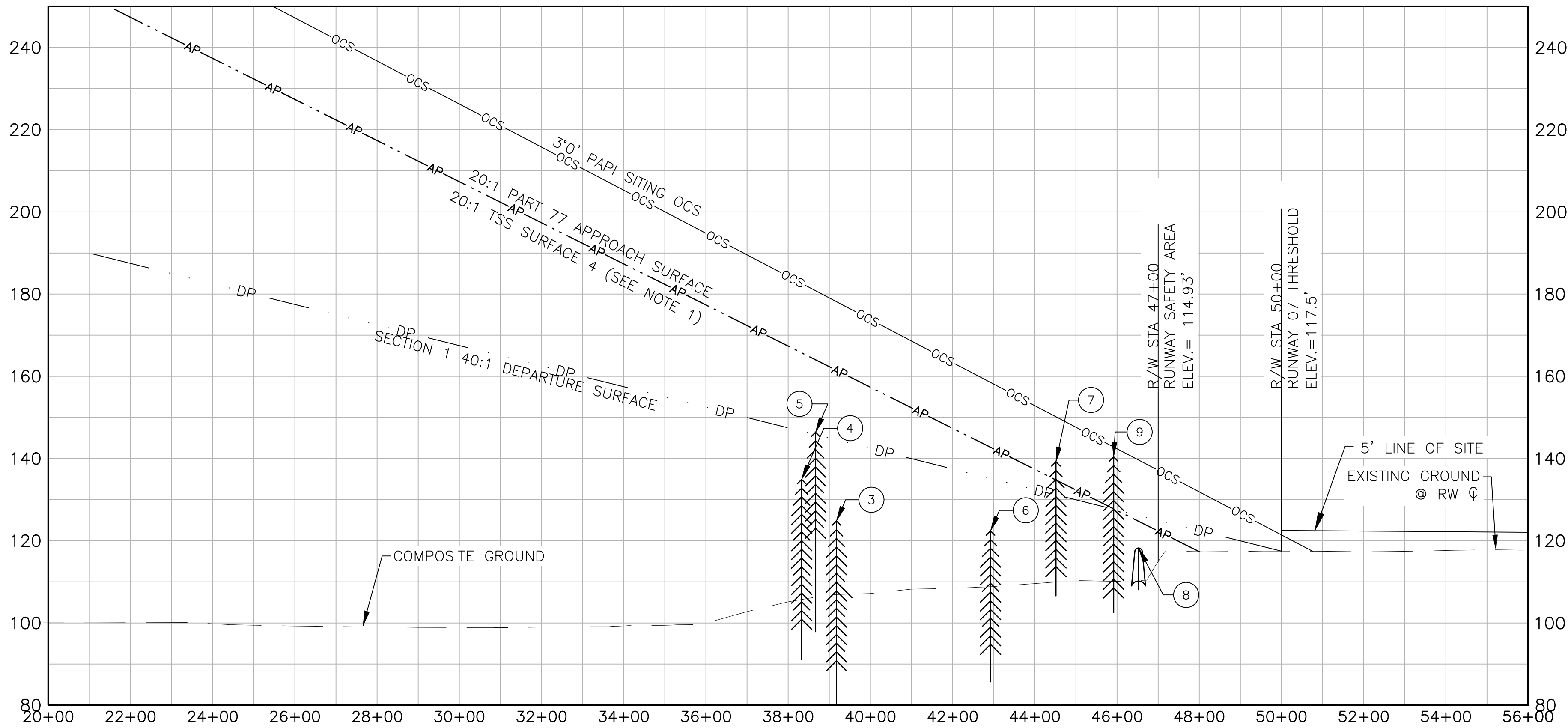
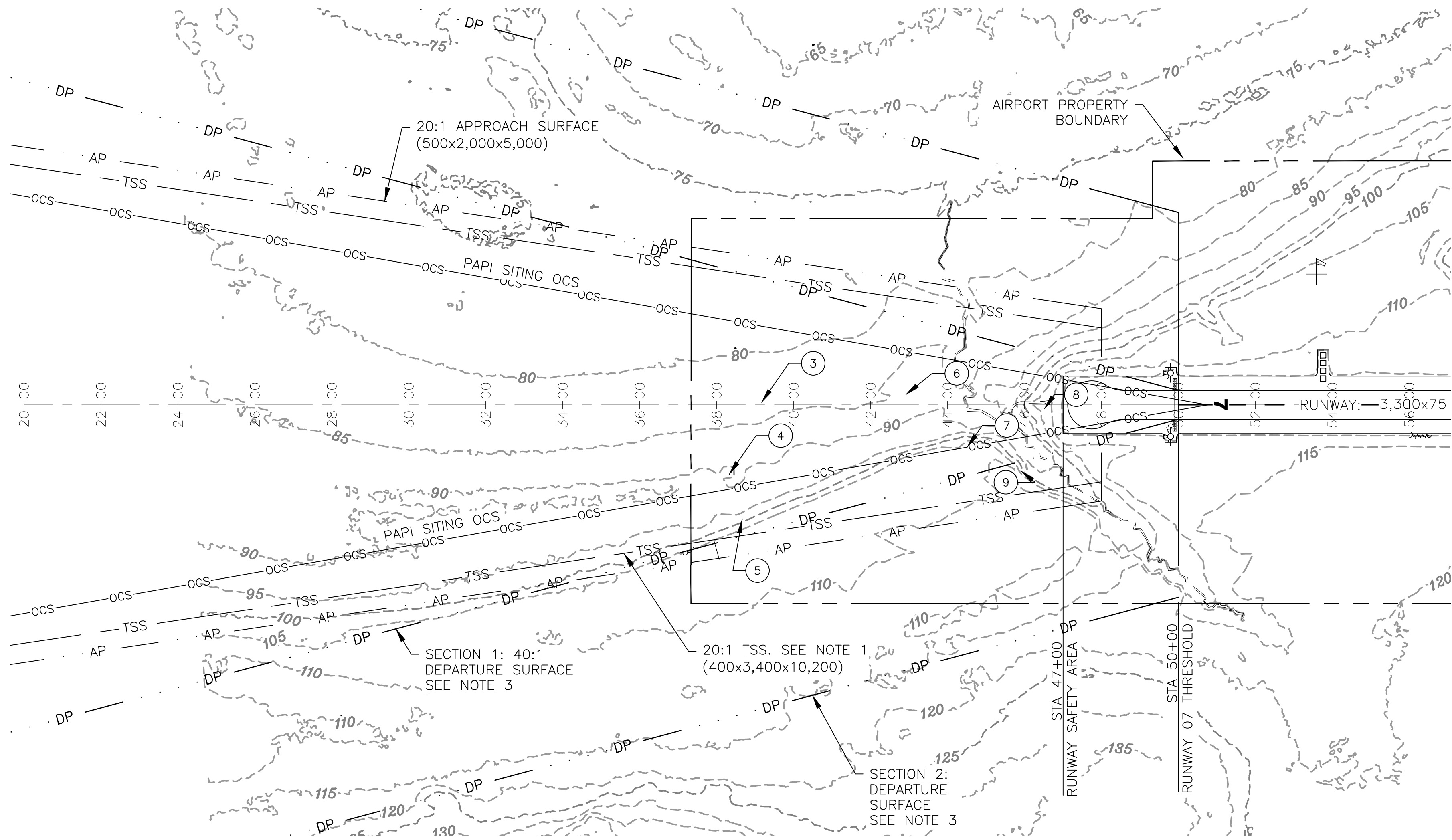
			STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES SOUTHCOST REGION	
			KOKHANOK AIRPORT KOKHANOK, ALASKA AIRPORT LAYOUT PLAN EXISTING LAYOUT	DATE: 6/18/2025
				SHEET: 4 OF 17
BY	DATE	REVISION		



1. SEE INNER APPROACH SHEETS FOR THRESHOLD SITING, AND APPROACH SURFACES.
2. NO 5-FOOT LINE OF SIGHT OBSTRUCTIONS.
3. NO OFA OR OFZ PENETRATIONS.
4. TOPOGRAPHIC SURVEY WAS PERFORMED BY HDL ENGINEERING CONSULTANTS, LLC. (HDL), FROM AUGUST 07 THROUGH AUGUST 26, 2024.
5. SEE SHEET 2 FOR AIRPORT CONTROL STATION AND TAXIWAY INFORMATION.

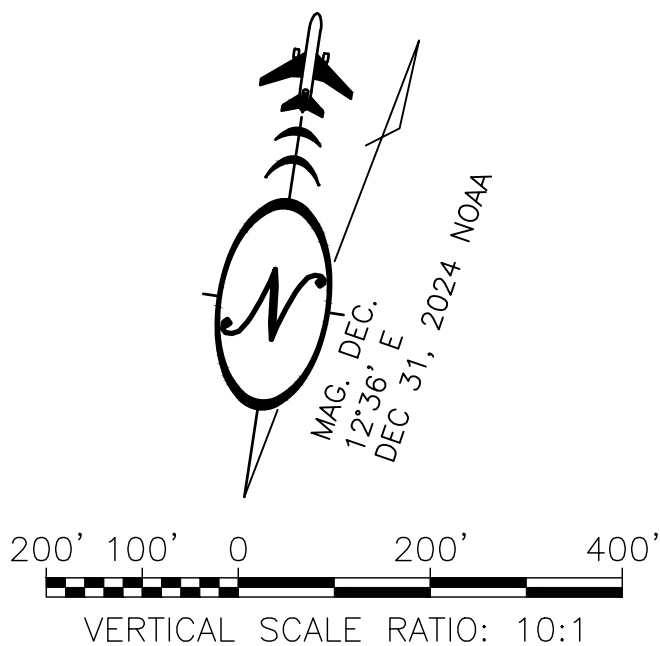
			STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES SOUTHCOST REGION
BY	DATE	REVISION	KOKHANOK AIRPORT KOKHANOK, ALASKA AIRPORT LAYOUT PLAN ULTIMATE LAYOUT DATE: 9/18/2025 SHEET: 5 OF 17

Designed By: MPM, PCD
Drawn By: KK
Checked By: MRS
Date Plotted: 6/18/2025, 10:15 AM
Layout Name: RWY 7 EXIST INL APPR
File Name: H:\Jobs\22-034_Kokhanok Airport Resurfacing & Fencing (001-SC)\05 - ALP\A00\DRAWINGS\ALP-9K2-Existing Inner Approaches.dwg



NOTES:

1. AC 150/5300-13B TABLE 3-3, SURFACE 4, 20:1 TSS APPLIES TO EXISTING APPROACHES.
2. REFER TO THE AIRPORT AIRSPACE DRAWING FOR OUTER APPROACH SURFACE PENETRATIONS.
3. DEPARTURE SURFACE DIMENSIONS ARE PER AC 150/5300-13B, TABLE 3-5, SURFACE 7.
4. SEE SHEET 7 FOR OBSTRUCTION TABLES.



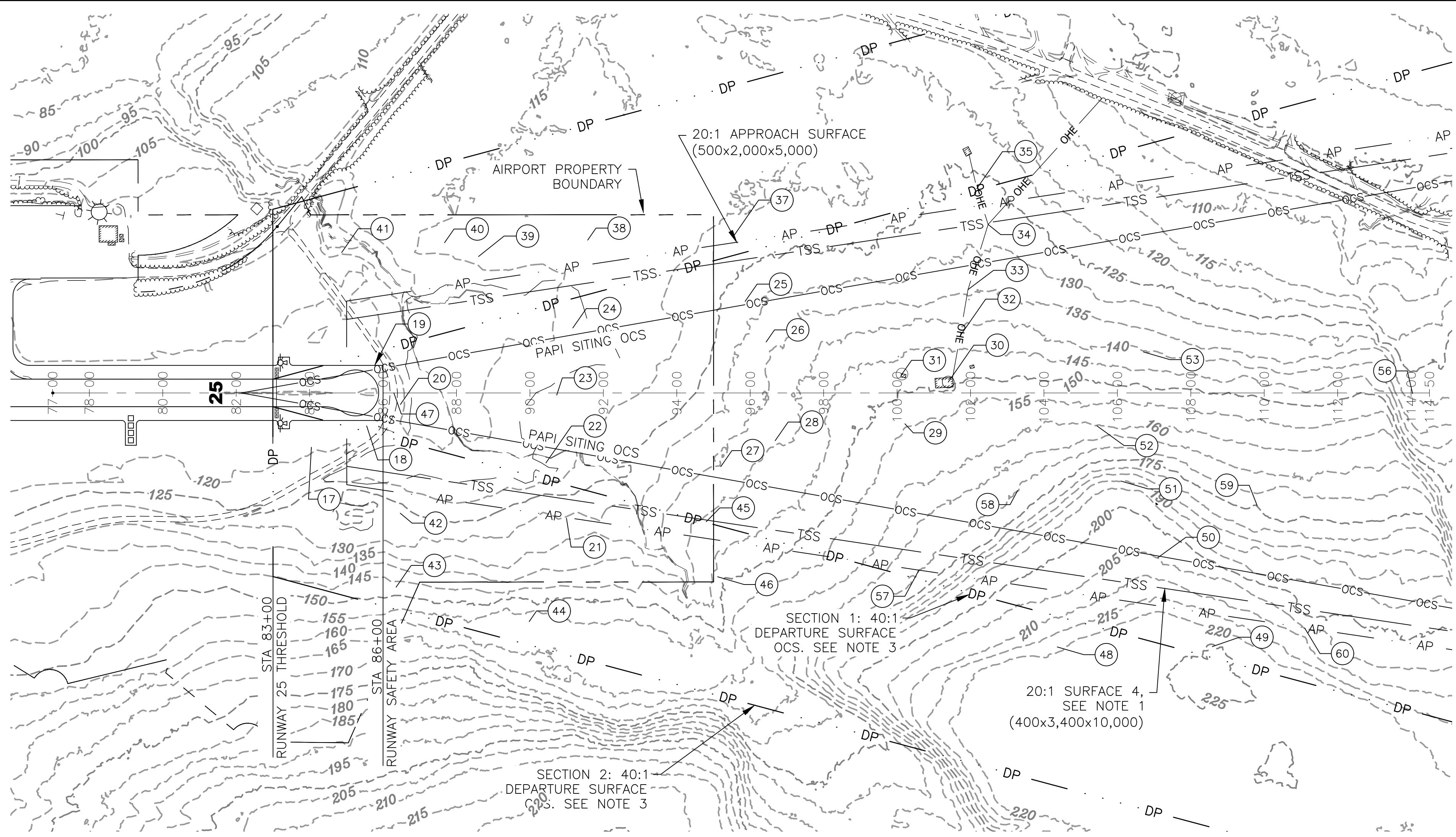
			STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES SOUTHCOST REGION	
			KOKHANOK AIRPORT KOKHANOK, ALASKA AIRPORT LAYOUT PLAN	DATE: 6/18/2025
				SHEET: 6 OF 17
BY	DATE	REVISION	EXISTING INNER APPROACH SURFACE RUNWAY 7	

EXISTING PART 77 INNER APPROACH AND SURFACE 4 OBSTRUCTION TABLE (INNER PORTION RUNWAY 7)										
ID	DESCRIPTION	STATION AND OFFSET	GROUND ELEVATION	OBJECT ELEVATION	SURFACE PENETRATED	SURFACE ELEVATION	AMOUNT PENETRATED	AIRSPACE CASE No.	DISPOSITION	STAGE TO CORRECT
5	TREE	38+66.52, 297.1' R	97.9	146.4	N/A	164.1	-17.7	N/A	REMOVE	NEAR TERM
7	TREE	44+51.32, 109.9' L	106.6	139.2	PART 77 & 4	134.9	4.3	N/A	REMOVE	NEAR TERM
8	TREE	46+52.31, 9.4' R	108.1	118.2	N/A	124.9	-6.7	N/A	REMOVE	NEAR TERM
9	TREE	45+91.65, 172.4' R	102.5	140.4	PART 77 & 4	127.9	12.5	N/A	REMOVE	NEAR TERM
EXISTING PAPI OCS OBSTRUCTION TABLE (INNER PORTION RUNWAY 7)										
ID	DESCRIPTION	STATION AND OFFSET	GROUND ELEVATION	OBJECT ELEVATION	SURFACE PENETRATED	SURFACE ELEVATION	AMOUNT PENETRATED	AIRSPACE CASE No.	DISPOSITION	STAGE TO CORRECT
7	TREE	44+51.32, 109.9' L	106.6	139.2	OCS	137.4	1.8	N/A	REMOVE	NEAR TERM
8	TREE	46+52.31, 9.4' R	108.1	118.2	N/A	131.0	-12.8	N/A	REMOVE	NEAR TERM

EXISTING DEPARTURE SURFACE OBSTRUCTION TABLE (INNER PORTION RUNWAY 7)										
ID	DESCRIPTION	STATION AND OFFSET	GROUND ELEVATION	OBJECT ELEVATION	SECTION	SURFACE ELEVATION	AMOUNT PENETRATED	AIRSPACE CASE No.	DISPOSITION	STAGE TO CORRECT
3	TREE	39+17.44, 7.2' L	83.7	124.8	N/A	144.5	-19.7	N/A	TO REMAIN	N/A
4	TREE	38+32.74, 180.7' R	91.1	134.9	N/A	146.7	-11.8	N/A	TO REMAIN	N/A
5	TREE	38+66.52, 297.1' R	97.9	146.4	1	145.8	0.6	N/A	REMOVE	NEAR TERM
6	TREE	42+92.34, 27.1' L	85.7	122.4	N/A	135.2	-12.8	N/A	TO REMAIN	N/A
7	TREE	44+51.32, 109.9' R	106.6	139.2	1	131.2	8.0	N/A	REMOVE	NEAR TERM
8	TREE	46+52.31, 9.4' R	108.1	118.2	N/A	126.2	-8.0	N/A	REMOVE	NEAR TERM
9	TREE	45+91.65, 172.4' R	102.5	140.4	2	135.9	4.5	N/A	REMOVE	NEAR TERM

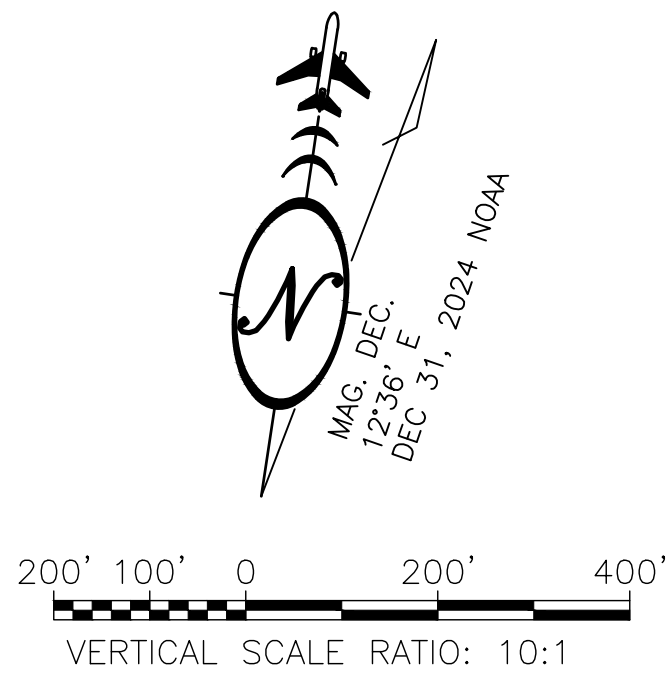
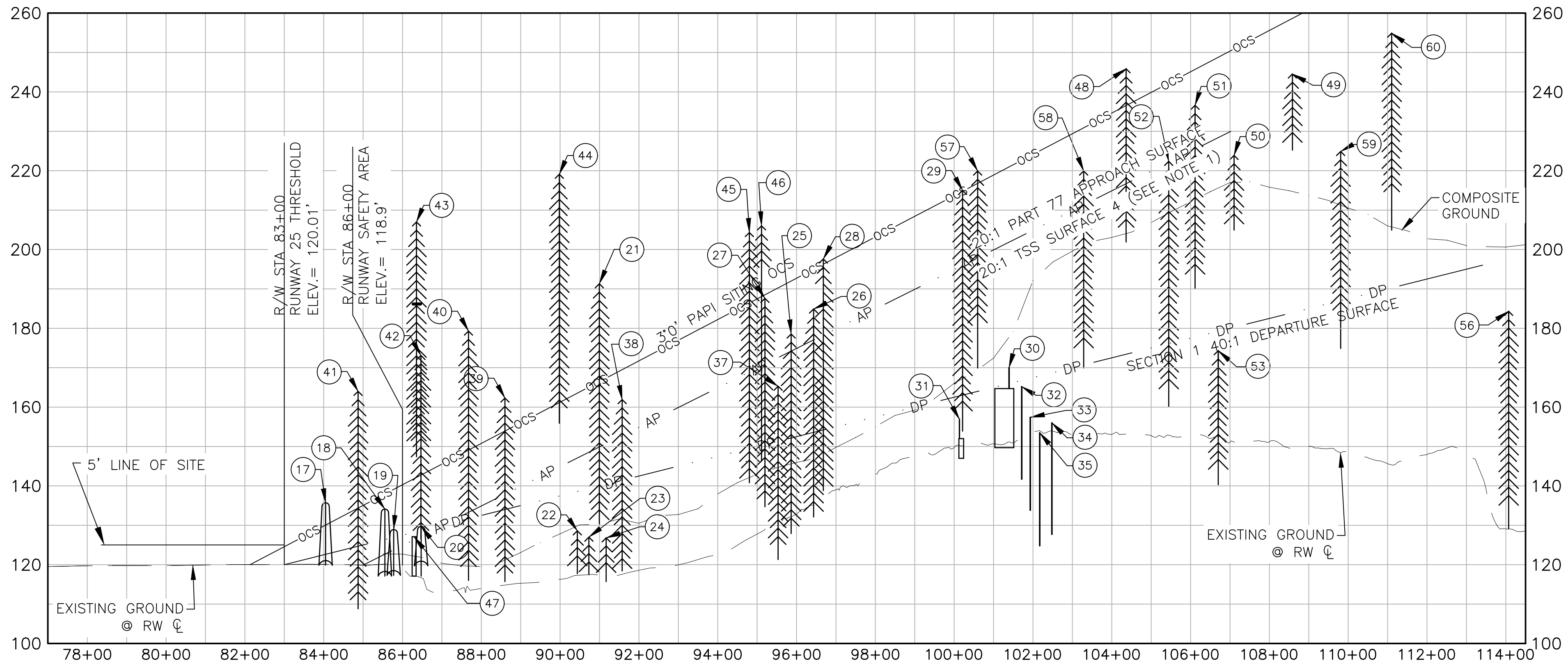
Designed By: MPM, PCD
Drawn By: KW
Checked By: MRS

Date Plotted: 6/18/2025, 10:15 AM
Layout Name: RWY 25 EXIST INN APPR
File Name: H:\as22-034_Kokhanok Airport Resurfacing & Fencing (001-SC)\05 - ALP\A00\DRAWINGS\ALP-9K2-Existing Inner Approaches.dwg



NOTES:

- AC 150/5300-13B TABLE 3-3, SURFACE 4, 20:1 TSS APPLIES TO EXISTING APPROACHES.
- REFER TO THE AIRPORT AIRSPACE DRAWING FOR OUTER APPROACH SURFACE PENETRATIONS.
- DEPARTURE SURFACE DIMENSIONS ARE PER AC 150/5300-13B, TABLE 3-5, SURFACE 7.
- SEE SHEET 9 AND 10 FOR OBSTRUCTION TABLES.



			STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES SOUTHCOST REGION	
			KOKHANOK AIRPORT KOKHANOK, ALASKA AIRPORT LAYOUT PLAN	DATE: 6/18/2025
			EXISTING INNER APPROACH SURFACE RUNWAY 25	SHEET: 8 OF 17
BY	DATE	REVISION		

EXISTING PART 77 INNER APPROACH AND SURFACE 4 OBSTRUCTION TABLE (INNER PORTION RUNWAY 25)										
ID	DESCRIPTION	STATION AND OFFSET	GROUND ELEVATION	OBJECT ELEVATION	SURFACE PENETRATED	SURFACE ELEVATION	AMOUNT PENETRATED	AIRSPACE CASE No.	DISPOSITION	STAGE TO CORRECT
17	BUSH	84+04.90, 147.9' R	119.9	135.7	PART 77 & 4	120.0	15.7	N/A	REMOVE	NEAR TERM
18	BUSH	85+88.34, 89.7' R	117.1	134.1	PART 77 & 4	122.8	11.3	N/A	REMOVE	NEAR TERM
19	BUSH	85+77.71, 75.8' L	117.3	128.9	PART 77 & 4	123.9	5.0	N/A	REMOVE	NEAR TERM
20	BUSH	86+47.34, 31.3' R	117.1	129.7	PART 77 & 4	127.4	2.3	N/A	REMOVE	NEAR TERM
21	TREE	90+99.46, 341.0' R	130.4	191.3	PART 77	150.0	41.3	N/A	REMOVE	NEAR TERM
22	TREE	90+43.67, 190.41' R	117.7	128.8	N/A	147.2	-18.4	N/A	TO REMAIN	N/A
25	TREE	95+86.24, 249.4' L	127.9	178.6	PART 77 & 4	174.3	4.3	N/A	REMOVE	ULTIMATE
26	TREE	96+43.27, 138.6' L	132.1	184.9	PART 77 & 4	177.2	7.7	N/A	REMOVE	ULTIMATE
27	TREE	95+19.77, 200.7' R	134.7	187.6	PART 77 & 4	171.0	16.6	N/A	REMOVE	ULTIMATE
28	TREE	96+67.93, 130.0' R	138.8	197.6	PART 77 & 4	178.4	19.2	N/A	REMOVE	ULTIMATE
29	TREE	100+21.30, 84.0' R	153.9	215.0	PART 77 & 4	196.1	18.9	N/A	REMOVE	ULTIMATE
45	TREE	98+80.23, 350.6' R	140.8	204.3	PART 77	169.0	35.3	N/A	REMOVE	NEAR TERM
47	PRIVATE ROAD	86+29.45, 0.0' C	117.1	127.1	PART 77 & 4	126.5	0.6	N/A	TO REMAIN	N/A
50	TREE	107+10.22, 448.5' R	204.9	223.9	N/A	230.5	-6.6	N/A	TO REMAIN	N/A
51	TREE	106+11.32, 240.3' R	190.0	236.6	PART 77 & 4	225.6	11.0	N/A	REMOVE	ULTIMATE
52	TREE	105+44.39, 89.7' R	160.2	222.4	PART 77 & 4	222.2	0.2	N/A	REMOVE	ULTIMATE
57	TREE	100+59.56, 482.5' R	169.9	228.4	PART 77	198.0	30.4	N/A	REMOVE	ULTIMATE
58	TREE	103+28.60, 265.4' R	169.8	222.4	PART 77 & 4	211.4	11.0	N/A	REMOVE	ULTIMATE
60	TREE	111+10.35, 640.5' R	204.9	256.0	PART 77	250.5	5.5	N/A	REMOVE	ULTIMATE

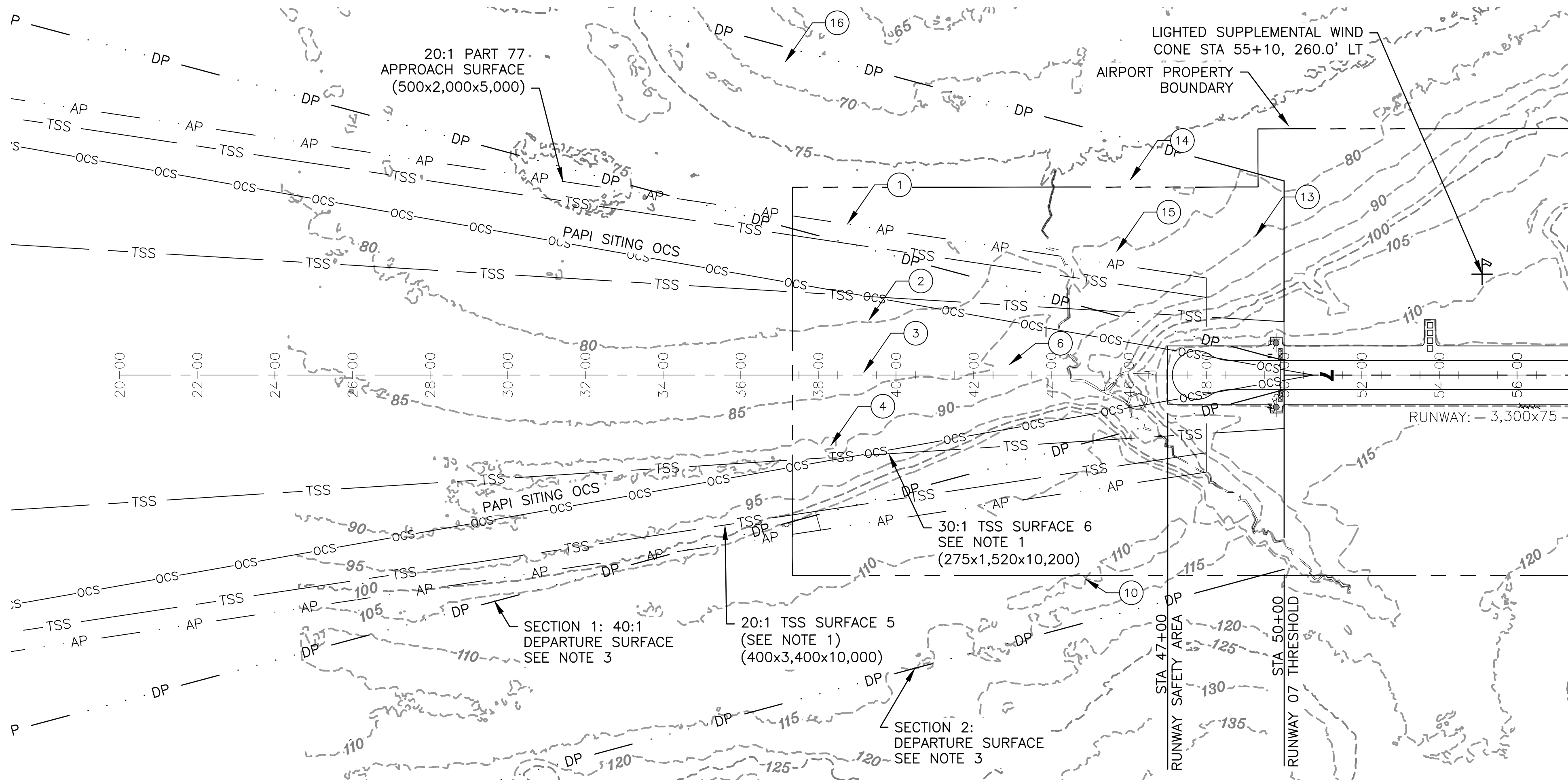
EXISTING PAPI OCS OBSTRUCTION TABLE (INNER PORTION RUNWAY 25)										
ID	DESCRIPTION	STATION AND OFFSET	GROUND ELEVATION	OBJECT ELEVATION	SURFACE PENETRATED	SURFACE ELEVATION	AMOUNT PENETRATED	AIRSPACE CASE No.	DISPOSITION	STAGE TO CORRECT
20	BUSH	86+47.34, 31.3' R	117.1	129.7	N/A	133.9	-4.2	N/A	REMOVE	NEAR TERM
26	TREE	96+43.27, 138.6' L	132.1	184.9	OCS	165.8	19.1	N/A	REMOVE	ULTIMATE
27	TREE	95+19.77, 200.7' R	134.7	187.6	OCS	161.8	25.8	N/A	REMOVE	ULTIMATE
28	TREE	96+67.93, 130.0' R	138.8	197.6	OCS	166.6	31.0	N/A	REMOVE	ULTIMATE
29	TREE	100+21.30, 84.0' R	153.9	215.0	OCS	177.9	37.1	N/A	REMOVE	ULTIMATE
30	STOVE PIPE	101+39.00, 25.5' L	149.7	170.0	N/A	181.6	-11.6	N/A	TO REMAIN	N/A
32	UTILITY POLE	101+71.52, 155.1' L	141.7	165.2	N/A	182.7	-17.5	N/A	TO REMAIN	N/A
47	PRIVATE ROAD	86+29.45, 0.0' C	117.1	127.1	N/A	133.3	-6.2	N/A	TO REMAIN	N/A
51	TREE	106+11.32, 240.3' R	190.0	236.6	OCS	196.8	39.8	N/A	REMOVE	ULTIMATE
52	TREE	105+44.39, 89.7' R	160.2	222.4	OCS	194.6	27.8	N/A	REMOVE	ULTIMATE
58	TREE	103+28.60, 265.4' R	169.8	222.4	OCS	187.7	34.7	N/A	REMOVE	ULTIMATE
59	TREE	109+80.70, 306.9' R	174.9	215.3	OCS	208.6	6.7	N/A	TO REMAIN	N/A

EXISTING DEPARTURE SURFACE OBSTRUCTION TABLE (INNER PORTION RUNWAY 25)										
ID	DESCRIPTION	STATION AND OFFSET	GROUND ELEVATION	OBJECT ELEVATION	SECTION	SURFACE ELEVATION	AMOUNT PENETRATED	AIRSPACE CASE No.	DISPOSITION	STAGE TO CORRECT
17	BUSH	84+04.90, 147.9' R	119.9	135.7	N/A	149.8	-14.1	N/A	REMOVE	NEAR TERM
18	BUSH	85+55.34, 89.7' R	117.1	134.1	1	126.9	7.2	N/A	REMOVE	NEAR TERM
19	BUSH	85+77.71, 75.8' L	117.3	128.9	1	127.5	1.4	N/A	REMOVE	NEAR TERM
20	BUSH	86+47.34, 31.3' R	117.1	129.7	1	129.2	0.5	N/A	REMOVE	NEAR TERM
21	TREE	90+99.46, 341.0' R	130.4	191.3	2	169.5	21.8	N/A	REMOVE	NEAR TERM
22	TREE	90+43.67, 190.4' R	117.7	128.6	N/A	139.1	-10.5	N/A	TO REMAIN	N/A
23	TREE	90+73.03, 6.0' R	117.4	127.0	N/A	139.8	-12.8	N/A	TO REMAIN	N/A
24	TREE	91+16.83, 176.9' L	115.7	126.8	N/A	140.9	-14.1	N/A	TO REMAIN	N/A
25	TREE	95+86.24, 249.4' L	127.9	178.6	1	152.7	25.9	N/A	REMOVE	ULTIMATE
26	TREE	96+43.27, 138.6' L	132.1	184.9	1	154.1	30.8	N/A	REMOVE	ULTIMATE
27	TREE	95+19.77, 200.7' R	134.7	187.6	1	151.0	36.6	N/A	REMOVE	ULTIMATE
28	TREE	96+67.93, 130.0' R	138.8	197.6	1	154.7	42.9	N/A	REMOVE	ULTIMATE
29	TREE	100+21.30, 84.0' R	153.9	215.0	1	163.5	51.5	N/A	REMOVE	ULTIMATE
30	STOVE PIPE	101+39.30, 25.5' L	149.7	170.0	1	166.5	3.5	N/A	TO REMAIN	N/A
31	STOVE PIPE	100+13.40, 51.4' L	147.0	156.9	N/A	163.3	-6.4	N/A	TO REMAIN	N/A
32	UTILITY POLE	101+71.50, 155.1' L	141.7	165.2	N/A	167.3	-2.1	N/A	TO REMAIN	N/A
33	UTILITY POLE	101+93.20, 281.4' L	133.8	157.4	N/A	167.8	-10.4	N/A	TO REMAIN	N/A
34	UTILITY POLE	102+48.00, 458.8' L	127.7	156.0	N/A	169.2	-13.2	N/A	TO REMAIN	N/A
35	UTILITY POLE	102+17.20, 556.45' L	124.8	153.5	N/A	170.1	-16.6	N/A	TO REMAIN	N/A
37	TREE	95+53.19, 424.6' L	121.3	165.3	2	168.5	-3.2	N/A	REMOVE	ULTIMATE
38	TREE	91+57.40, 416.1' L	118.4	161.9	1	141.9	20.0	N/A	REMOVE	NEAR TERM
39	TREE	88+59.98, 371.5' L	115.7	162.3	1	134.5	27.8	N/A	REMOVE	NEAR TERM
40	TREE	87+67.48, 409.1' L	116.0	179.3	1	132.2	47.1	N/A	REMOVE	NEAR TERM
41	TREE	84+87.29, 382.3' L	108.8	164.0	1	125.2	38.8	N/A	REMOVE	ULTIMATE
42	TREE	86+46.88, 327.5' R	126.6	173.1	1	129.2	43.9	N/A	REMOVE	NEAR TERM
43	TREE	86+35.55, 528.9' R	147.4	207.3	1	128.9	78.4	N/A	REMOVE	NEAR TERM
44	TREE	89+97.97, 622.6' R	155.9	219.1	1	138.0	81.1	N/A	TO REMAIN	N/A
45	TREE	94+80.23, 350.6' R	140.8	204.3	1	150.0	54.3	N/A	REMOVE	NEAR TERM
46	TREE	95+11.16, 500.5' R	146.3	206.0	2	195.3	10.7	N/A	REMOVE	ULTIMATE
47	PRIVATE ROAD	86+29.45, 0.0' C	117.1	127.1	N/A	128.3	-1.2	N/A	TO REMAIN	N/A
48	TREE	104+36.28, 691.6' R	219.0	245.1	2	199.9	45.2	N/A	TO REMAIN	N/A
49	TREE	108+58.37, 690.8' R	225.2	245.6	1	184.0	61.6	N/A	TO REMAIN	N/A
50	TREE	107+10.22, 448.5' R	204.9	223.9	1	180.3	43.6	N/A	TO REMAIN	N/A
51	TREE	106+11.32, 240.3' R	190.0	236.6	1	178.3	58.3	N/A	REMOVE	ULTIMATE
52	TREE	105+44.39, 89.7' R	160.2	222.4	1	176.6	45.8	N/A	REMOVE	ULTIMATE
53	TREE	106+71.00, 111.7' L	140.3	174.3	N/A	179.8	-5.5	N/A	TO REMAIN	N/A
56	TREE	114+07.08, 1.6' L	129.1	184.3	N/A	198.2	-13.9	N/A	TO REMAIN	N/A
57	TREE	100+59.56, 482.5' R	169.9	228.4	1	164.5	63.9	N/A	TO REMAIN	N/A
58	TREE	103+28.60, 265.4' R	169.8	222.4	1	171.2	51.2	N/A	REMOVE	ULTIMATE
59	TREE	109+80.70, 306.9' R	174.9	215.3	1	187.5	27.8	N/A	TO REMAIN	N/A
60	TREE	111+10.35, 640.5' R	204.9	256.0	1	190.8	65.2	N/A	TO REMAIN	N/A

			STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES SOUTHCOAST REGION	DATE: 6/18/2025
			KOKHANOK AIRPORT KOKHANOK, ALASKA AIRPORT LAYOUT PLAN EXISTING INNER APPROACH OBSTRUCTION TABLES RUNWAY 25	SHEET: 10 OF 17
BY	DATE	REVISION		

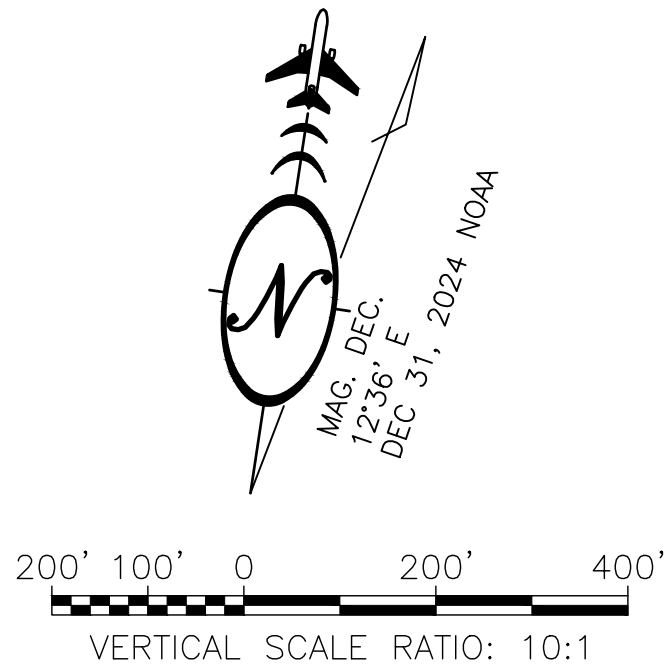
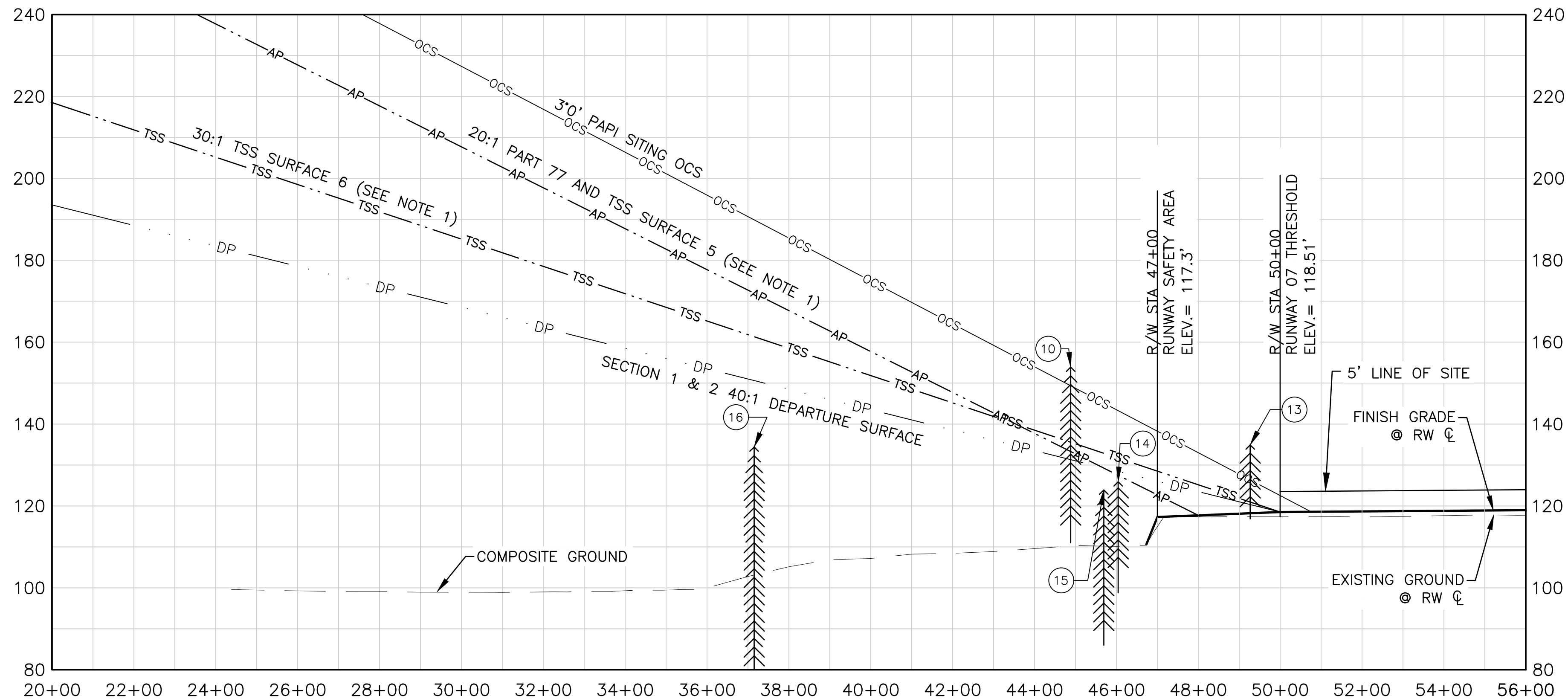
Designed By: MPM, PCD
Drawn By: KK
Checked By: MRS

Date Plotted: 6/18/2025, 10:16 AM
Layout Name: RWY & LT - INI - IAPR
File Name: H:\Jobs\22-034_Kokhanok Airport Resurfacing & Fencing (001-SC)\05 - ALP\A0\DRAWINGS\ALP-9K2-Ultimate Inner Approaches.dwg

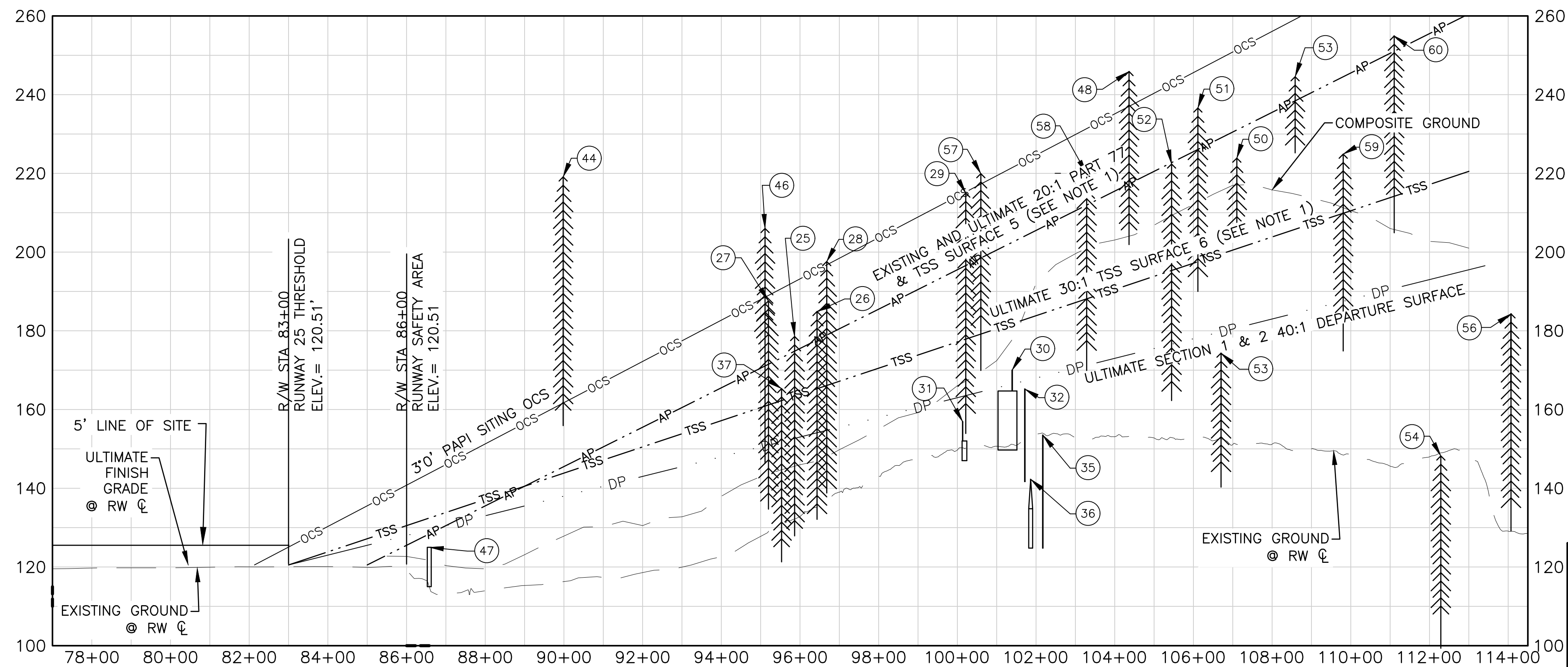


NOTES:

1. APPROACHES. AC 150/5300-13B TABLE 3-4, 20:1 SURFACE 5 AND 30:1 TSS SURFACE 6 APPLIES TO ULTIMATE TERPS VERTICAL GUIDANCE LPV APPROACH.
2. REFER TO THE AIRPORT AIRSPACE DRAWING FOR OUTER APPROACH SURFACE PENETRATIONS.
3. DEPARTURE SURFACE DIMENSIONS ARE PER AC 150/5300-13B, TABLE 3-5, SURFACE 7.
4. SEE SHEET 12 FOR OBSTRUCTION TABLES.



			STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES SOUTHCOST REGION	
			KOKHANOK AIRPORT KOKHANOK, ALASKA AIRPORT LAYOUT PLAN	DATE: 6/18/2025
				SHEET: 11 OF 17
BY	DATE	REVISION	ULTIMATE INNER APPROACH SURFACE RUNWAY 7	



-

0			STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES SOUTHCOST REGION
0			KOKHANOK AIRPORT KAKHANOK, ALASKA AIRPORT LAYOUT PLAN
			DATE: 6/18/2025 SHEET: 12 OF 17
BY	DATE	REVISION	ULTIMATE INNER APPROACH SURFACE RUNWAY 25

Designed By: MPM, PCD
Drawn By: KW
Checked By: MRS

Date Plotted: 6/18/2025, 10:17 AM
Layout Name: UL-125-25.tbl
File Name: H:\as\22-034_Kokhanok Airport Resurfacing & Fencing (001-SC)\05 - ALP\CAD\DRAWINGS\ALP-9K2-Ultimate Inner Approaches.dwg

ULTIMATE 20:1 PART 77 INNER APPROACH AND SURFACE 5 OBSTRUCTION TABLE (INNER PORTION RUNWAY 25)										
ID	DESCRIPTION	STATION AND OFFSET	GROUND ELEVATION	OBJECT ELEVATION	SURFACE PENETRATED	SURFACE ELEVATION	AMOUNT PENETRATED	AIRSPACE CASE No.	DISPOSITION	STAGE TO CORRECT
25	TREE	95+86.24, 249.4' L	127.9	178.6	PART 77	174.8	3.8	N/A	REMOVE	ULTIMATE
26	TREE	96+43.27, 138.6 L	132.1	184.9	PART 77	177.7	7.2	N/A	REMOVE	ULTIMATE
27	TREE	95+19.77, 200.7' R	134.7	187.6	PART 77	171.5	16.1	N/A	REMOVE	ULTIMATE
28	TREE	96+67.93, 130.0' R	138.8	197.6	PART 77	178.9	18.7	N/A	REMOVE	ULTIMATE
29	TREE	100+21.30, 84.0' R	153.9	215.0	PART 77	196.6	18.4	N/A	REMOVE	ULTIMATE
46	TREE	95+11.16, 500.5' R	146.3	206.0	PART 77	171.1	34.9	N/A	REMOVE	ULTIMATE
47	PRIVATE ROAD	86+57.70, 0.0' C	115.0	125.0	N/A	128.4	-3.4	N/A	TO REMAIN	N/A
50	TREE	107+10.22, 448.5' R	204.9	223.9	N/A	231.0	-7.1	N/A	TO REMAIN	N/A
51	TREE	106+11.32, 240.3' R	190.0	236.6	PART 77	226.1	10.5	N/A	REMOVE	ULTIMATE
52	TREE	105+44.39, 89.7' R	160.2	222.4	N/A	222.7	-0.3	N/A	REMOVE	ULTIMATE
57	TREE	100+59.56, 482.5' R	169.9	228.4	PART 77	198.5	29.9	N/A	REMOVE	ULTIMATE
58	TREE	103+28.60, 265.4' R	169.8	222.4	PART 77	211.9	10.5	N/A	REMOVE	ULTIMATE
60	TREE	111+10.35, 640.5' R	204.9	256.0	PART 77	251.0	5.0	N/A	REMOVE	ULTIMATE

UTLIMATE 30:1 SURFACE 6 OBSTRUCTION TABLE (INNER PORTION RUNWAY 25)										
ID	DESCRIPTION	STATION AND OFFSET	GROUND ELEVATION	OBJECT ELEVATION	SURFACE PENETRATED	SURFACE ELEVATION	AMOUNT PENETRATED	AIRSPACE CASE No.	DISPOSITION	STAGE TO CORRECT
26	TREE	96+43.27, 138.6' L	132.1	184.9	SURFACE 6	165.3	19.6	N/A	REMOVE	ULTIMATE
27	TREE	95+19.77, 200.7' R	134.7	187.6	SURFACE 6	161.2	26.4	N/A	REMOVE	ULTIMATE
28	TREE	96+67.93, 130.0' R	138.8	197.6	SURFACE 6	166.1	31.5	N/A	REMOVE	ULTIMATE
29	TREE	100+21.30, 84.0' R	153.9	215.0	SURFACE 6	177.9	37.1	N/A	REMOVE	ULTIMATE
30	STOVE PIPE	101+39.32, 25.5' L	149.7	170.0	N/A	181.8	-11.8	N/A	TO REMAIN	N/A
32	UTILITY POLE	101+71.52, 155.1' L	141.7	165.2	N/A	182.9	-17.7	N/A	TO REMAIN	N/A
47	PRIVATE ROAD	86+57.70, 0.0' C	115.0	125.0	N/A	132.4	-7.4	N/A	TO REMAIN	N/A
50	TREE	107+10.22, 448.5' R	204.9	223.9	SURFACE 6	200.9	23.0	N/A	REMOVE	ULTIMATE
51	TREE	106+11.32, 240.3' R	190.0	236.6	SURFACE 6	197.6	39.0	N/A	REMOVE	ULTIMATE
52	TREE	105+44.39, 89.7' R	160.2	222.4	SURFACE 6	195.3	27.1	N/A	REMOVE	ULTIMATE
58	TREE	103+28.60, 265.7' R	169.8	222.4	SURFACE 6	188.1	34.3	N/A	REMOVE	ULTIMATE
59	TREE	109+80.70, 306.9' R	174.9	215.3	SURFACE 6	209.9	5.4	N/A	REMOVE	ULTIMATE

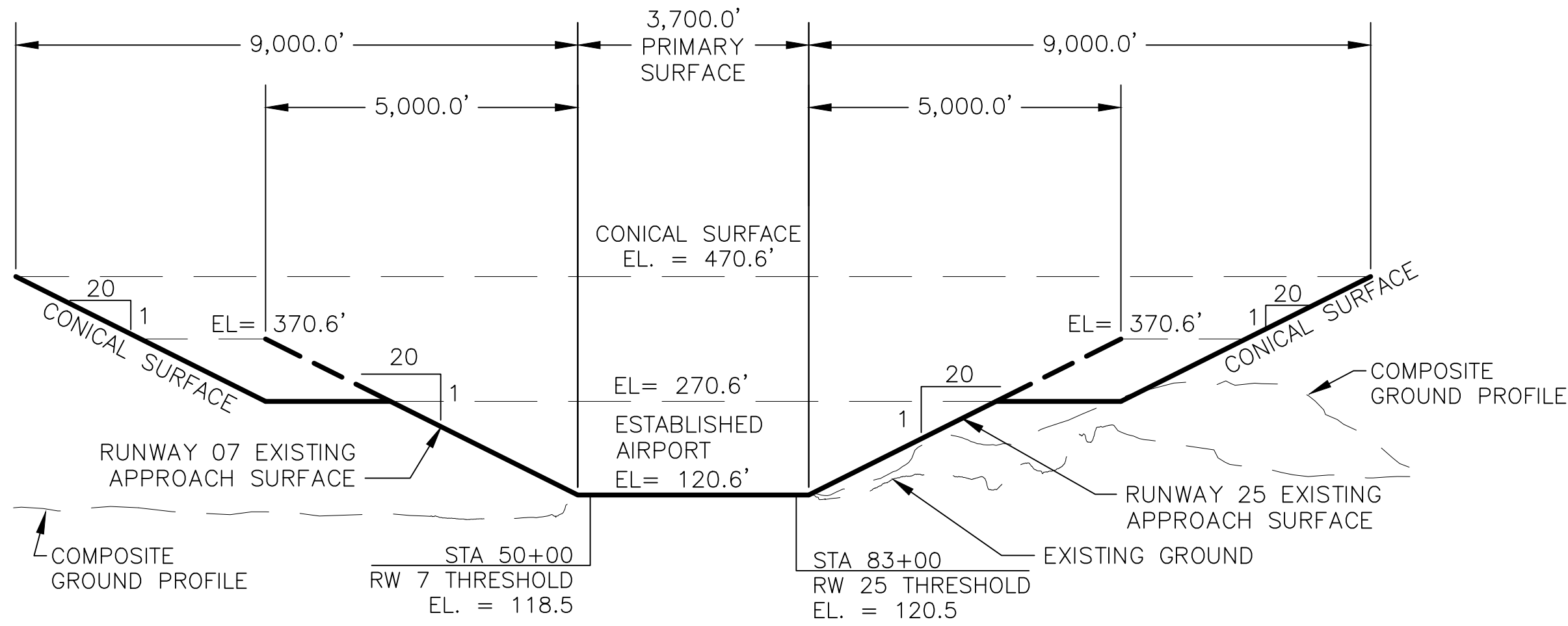
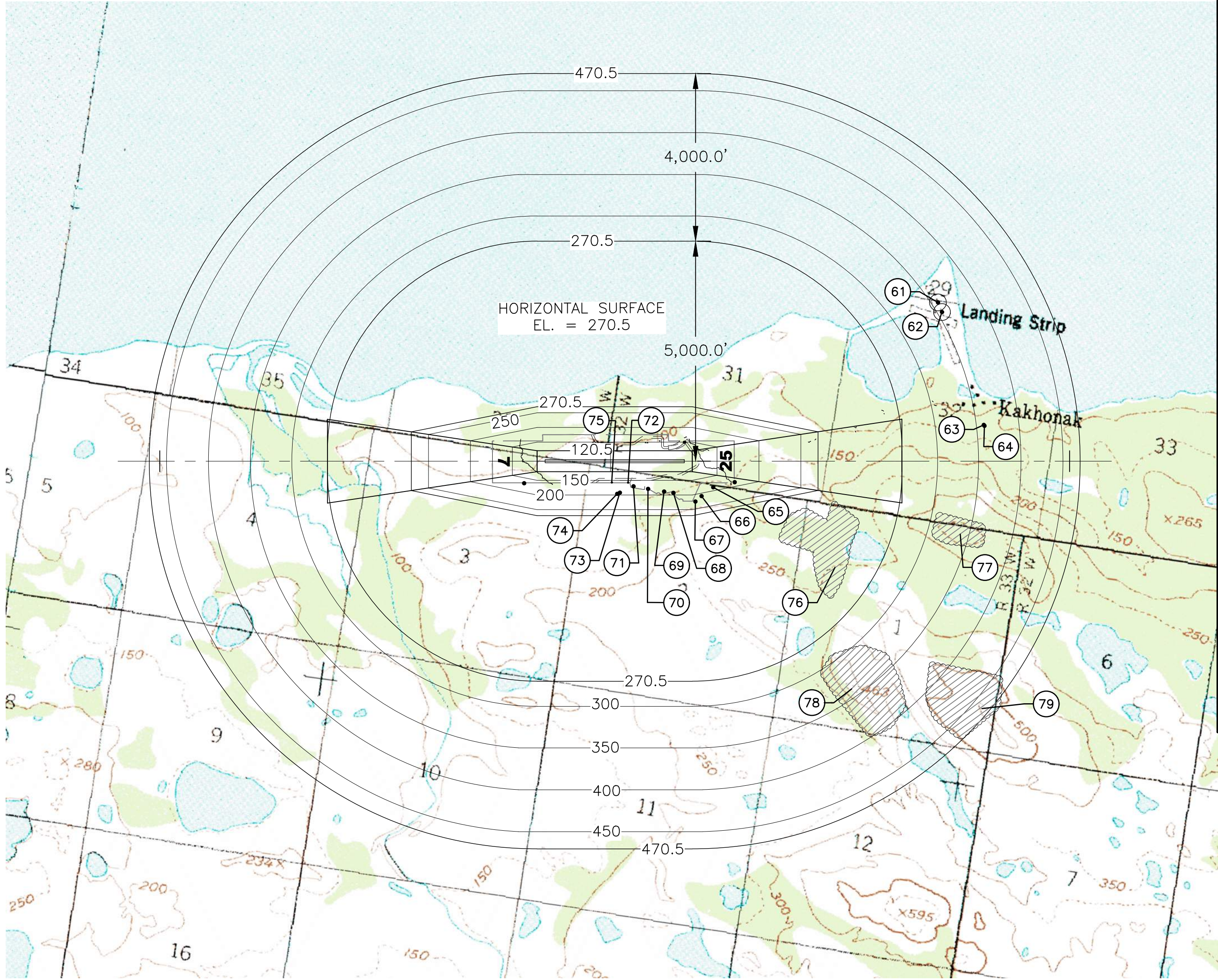
			STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES SOUTHCOAST REGION	DATE: 6/18/2025
				SHEET: 13 OF 17
BY	DATE	REVISION		
			KOKHANOK AIRPORT KOKHANOK, ALASKA AIRPORT LAYOUT PLAN ULTIMATE INNER APPROACH OBSTRUCTION TABLES RUNWAY 25	

UTLIMATE PAPI OCS OBSTRUCTION TABLE (INNER PORTION RUNWAY 25)										
ID	DESCRIPTION	STATION AND OFFSET	GROUND ELEVATION	OBJECT ELEVATION	SURFACE PENETRATED	SURFACE ELEVATION	AMOUNT PENETRATED	AIRSPACE CASE No.	DISPOSITION	STAGE TO CORRECT
30	STOVE PIPE	101+39.00, 25.5' L	149.7	170.0	N/A	182.1	-12.1	N/A	TO REMAIN	N/A
32	UTILITY POLE	101+71.52, 155.1' L	141.7	165.2	N/A	183.2	-18.0	N/A	TO REMAIN	N/A
47	PRIVATE ROAD	86+57.70, 0.0' C	115.0	125.0	N/A	143.8	-18.8	N/A	TO REMAIN	N/A
50	TREE	107+10.22, 448.5' R	204.9	223.9	OCS	200.4	23.5	N/A	REMOVE	ULTIMATE
51	TREE	106+11.32, 240.3' R	190.0	236.6	OCS	197.2	39.4	N/A	REMOVE	ULTIMATE
52	TREE	105+44.39, 89.7' R	160.2	222.4	OCS	195.1	27.3	N/A	REMOVE	ULTIMATE
58	TREE	103+28.60, 265.4' R	169.8	222.4	OCS	188.2	34.2	N/A	REMOVE	ULTIMATE
59	TREE	109+80.70, 306.9' R	174.9	215.3	OCS	209.1	6.2	N/A	REMOVE	ULTIMATE

ULTIMATE DEPARTURE SURFACE OBSTRUCTION TABLE (INNER PORTION RUNWAY 25)										
ID	DESCRIPTION	STATION AND OFFSET	GROUND ELEVATION	OBJECT ELEVATION	SECTION PENETRATED	SURFACE ELEVATION	AMOUNT PENETRATED	AIRSPACE CASE No.	DISPOSITION	STAGE TO CORRECT
25	TREE	95+86.24, 249.4' L	127.9	178.6	SECTION 1	152.7	25.9	N/A	REMOVE	ULTIMATE
26	TREE	96+43.27, 138.6' L	132.1	184.9	SECTION 1	154.7	30.2	N/A	REMOVE	ULTIMATE
27	TREE	95+19.77, 200.7' R	134.7	187.6	SECTION 1	151.0	36.6	N/A	REMOVE	ULTIMATE
28	TREE	96+67.93, 130.0' R	138.8	197.6	SECTION 1	154.7	42.9	N/A	REMOVE	ULTIMATE
29	TREE	100+21.30, 84.0' R	153.9	215.0	SECTION 1	163.5	51.5	N/A	REMOVE	ULTIMATE
30	STOVE PIPE	101+39.30, 25.5' L	149.7	170.0	SECTION 1	166.5	3.5	N/A	TO REMAIN	N/A
31	STOVE PIPE	100+13.4, 51.4' L	147.0	156.9	N/A	163.3	-6.4	N/A	TO REMAIN	N/A
32	UTILITY POLE	101+71.50, 155.1' L	141.7	165.2	N/A	167.3	-2.1	N/A	TO REMAIN	N/A
33	UTILITY POLE	101+93.20, 281.4' L	133.8	157.4	N/A	167.8	-10.4	N/A	TO REMAIN	N/A
34	UTILITY POLE	102+48.00, 458.8' L	127.7	156.0	N/A	169.6	-13.6	N/A	TO REMAIN	N/A
35	UTILITY POLE	102+17.20, 556.45' L	124.8	153.5	N/A	170.1	-16.6	N/A	TO REMAIN	N/A
37	TREE	95+53.19, 424.6' L	121.3	165.3	N/A	168.0	-2.7	N/A	TO REMAIN	N/A
46	TREE	95+11.16, 500.5' R	146.3	206.0	SECTION 2	195.8	10.2	N/A	REMOVE	ULTIMATE
47	PRIVATE ROAD	86+57+70, 0.0' C	115.0	125.0	N/A	129.5	-4.5	N/A	TO REMAIN	N/A
48	TREE	104+36.28, 691.6' R	219.0	245.1	SECTION 1	199.9	45.2	N/A	TO REMAIN	N/A
49	TREE	108+58.37, 690.84' R	225.2	245.6	SECTION 1	184.5	61.1	N/A	TO REMAIN	N/A
50	TREE	107+10.22, 448.5' R	204.9	223.9	SECTION 1	180.8	43.1	N/A	REMOVE	ULTIMATE
51	TREE	106+11.32, 691.6' R	190.0	236.6	SECTION 1	178.3	58.3	N/A	REMOVE	ULTIMATE
52	TREE	108+58.37, 690.8' R	160.2	222.4	SECTION 1	176.6	45.8	N/A	REMOVE	ULTIMATE
53	TREE	106+70.99, 111.7' L	140.3	174.3	N/A	179.8	-5.5	N/A	TO REMAIN	N/A
56	TREE	114+07.08, 1.6' L	129.1	184.3	N/A	198.2	-13.9	N/A	TO REMAIN	N/A
57	TREE	100+59.56, 482.5' R	169.9	228.4	SECTION 1	164.5	63.9	N/A	REMOVE	ULTIMATE
58	TREE	103+28.60, 265.4' R	169.8	222.4	SECTION 1	171.2	51.2	N/A	REMOVE	ULTIMATE
59	TREE	109+80.70, 306.9' R	174.9	215.3	SECTION 1	187.5	27.8	N/A	REMOVE	ULTIMATE
60	TREE	111+10.35, 640.5' R	204.9	256.0	SECTION 1	190.8	65.2	N/A	REMOVE	ULTIMATE

Designed By: MPM, PCD
Drawn By: KK
Checked By: MRS

Date Plotted: 6/18/2025, 10:17 AM
Layout Name: Part 77 Airspace
File Name: H:\as\22-034_Kokhanok Airport Resurfacing & Fencing (001-SC)\05 - ALP\CAD\DRAWINGS\ALP-9K2-10-Part 77 Airspace Drawing.dwg



RUNWAY 7-25 AIRSPACE PROFILE

PART 77 AIRSPACE OBSTRUCTION TABLE

ID	DESCRIPTION	STATION AND OFFSET	GROUND ELEVATION	OBJECT ELEVATION	SURFACE PENETRATED	SURFACE ELEVATION	AMOUNT PENETRATED	AIRSPACE CASE No.	DISPOSITION	STAGE TO CORRECT
61	WIND TOWER	143+59.18, 3789.5' LT	51.7	156.7	N/A	322.8	-166.1	N/A	TO REMAIN	N/A
62	WIND TOWER	144+54.70, 3559.1' LT	52.3	158.9	N/A	325.0	-166.1	N/A	TO REMAIN	N/A
63	ANTENNA	154+52.21, 865.3' LT	108.3	183.2	N/A	404.7	-221.5	N/A	TO REMAIN	N/A
64	ANTENNA	154+69.20, 844.6' LT	109.5	142.3	N/A	405.6	-263.3	N/A	TO REMAIN	N/A
65	TREE	89+97.97, 622.6' RT	155.9	219.1	7:1 TRANSITION	188.0	31.1	N/A	TO REMAIN	N/A
66	TREE	87+20.38, 833.1' RT	183.3	249.1	7:1 TRANSITION	210.1	39.0	N/A	TO REMAIN	N/A
67	TREE	85+74.26, 962.7' RT	190.2	247.9	7:1 TRANSITION	224.4	23.5	N/A	TO REMAIN	N/A
68	TREE	80+50.05, 755.8' RT	162.8	215.6	7:1 TRANSITION	192.8	22.8	N/A	TO REMAIN	N/A
69	TREE	78+26.99, 724.8' RT	151.7	206.8	7:1 TRANSITION	188.3	18.5	N/A	TO REMAIN	N/A
70	TREE	74+44.72, 660.2' RT	144.4	188.8	7:1 TRANSITION	179.1	9.7	N/A	TO REMAIN	N/A
71	TREE	70+97.11, 599.7' RT	139.7	186.4	7:1 TRANSITION	170.5	15.9	N/A	TO REMAIN	N/A
72	TREE	69+68.96, 510.5' RT	136.5	190.9	7:1 TRANSITION	157.7	33.2	N/A	REMOVE	NEAR TERM
73	STOVE PIPE	67+71.71, 751.3' RT	145.0	157.8	N/A	192.1	-34.3	N/A	TO REMAIN	N/A
74	ANTENNA	67+08.56, 779.4' RT	145.1	161.8	N/A	196.1	-34.3	N/A	TO REMAIN	N/A
75	TREE	65+79.72, 507.4' RT	139.2	186.5	7:1 TRANSITION	157.3	29.2	N/A	REMOVE	NEAR TERM
76	*TREE	119+04.92, 2535.7' RT	250.0	310.0	20:1 CONICAL	270.5	39.5	N/A	TO REMAIN	N/A
77	*TREE	148+92.59, 1741.2' RT	350.0	410.0	20:1 CONICAL	369.5	40.5	N/A	TO REMAIN	N/A
78	*TREE	123+03.13, 5431.0' RT	463.0	523.0	20:1 CONICAL	332.4	190.6	N/A	TO REMAIN	N/A
79	*TREE	154+09.51, 5902.9' RT	550.0	610.0	20:1 CONICAL	342.9	267.1	N/A	TO REMAIN	N/A

* TREE ELEVATION BASED ON USGS MAPPING PLUS ESTIMATED 60' TREE HEIGHT.

NOTES:

- SEE INNER APPROACH SHEETS FOR THRESHOLD SITING, APPROACH SURFACES, AND CLOSE IN OBSTRUCTIONS.
- THE INFORMATION SHOWN HEREON IS BASED ON A FIELD SURVEY COMPLETED BY HDL ENGINEERING CONSULTANTS, LLC., FROM AUGUST 04 THROUGH AUGUST 16, 2023, AND QUADS SKAGWAY (A2 NE), (A2 NW), (B2 SE), AND (B2 NW) ALASKA 2017.
- SEE SHEET 2 FOR AIRPORT CONTROL STATION INFORMATION.
- ELEVATIONS ARE IN FEET.
- AIRPORT ELEVATION IS 120.51' NAVD88.
- HORIZONTAL SURFACE IS 150' ABOVE PRIMARY SURFACE.
- COMPOSITE GROUND PROFILE BASED ON U.S.G.S. QUADS LISTED ABOVE CONTOURS OUTSIDE OF 2023 SURVEY LIMITS.
- RUNWAY 7/25 PRIMARY SURFACE IS 500' WIDE.
- NO SEWAGE FACILITIES WITHIN 5,000' OF THE AIRPORT; NO MONOFILL LANDFILLS WITHIN 5,000' OF THE AIRPORT.
- THE PART 77 AIRSPACE SHOWN INCLUDES RUNWAY 7/25.

OBSTRUCTION KEY

GROUP OF TREES PENETRATING PART 77 SURFACE

OBSTRUCTION LOCATION (HIGHEST TREE IN GROUP)

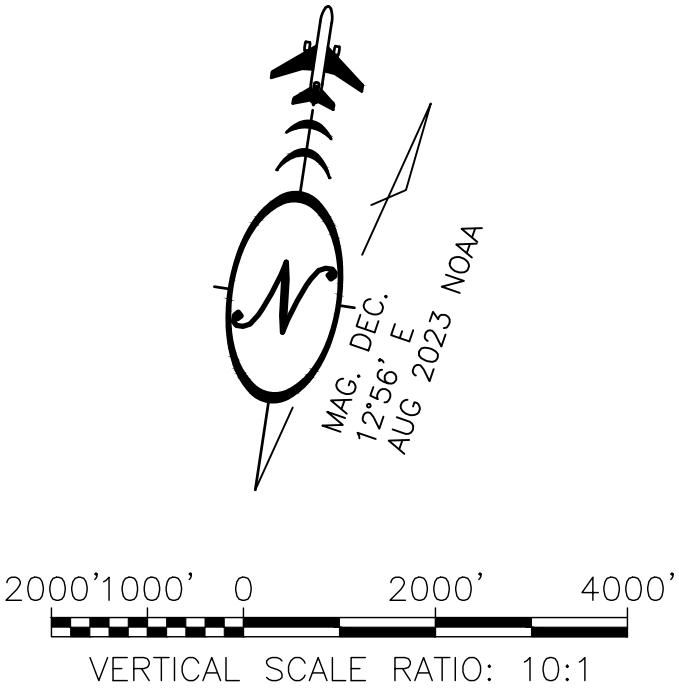
OBSTRUCTION NUMBER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SOUTHCOST REGION

KOKHANOK AIRPORT
KOKHANOK, ALASKA
AIRPORT LAYOUT PLAN
AIRPORT AIRSPACE (FAR PART 77)

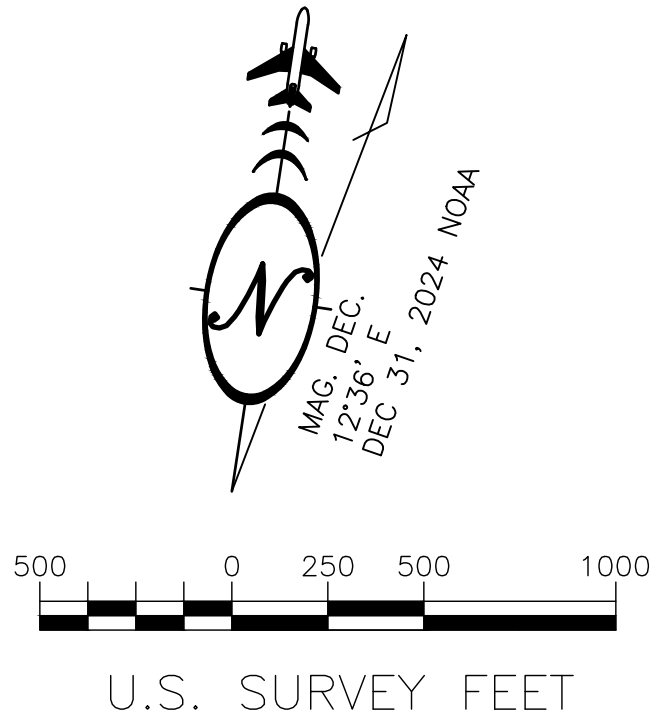
DATE:
6/18/2025
SHEET:
15 OF 17



Designed By: MPN, PCD
Drawn By: B. KK
Checked By: MRS

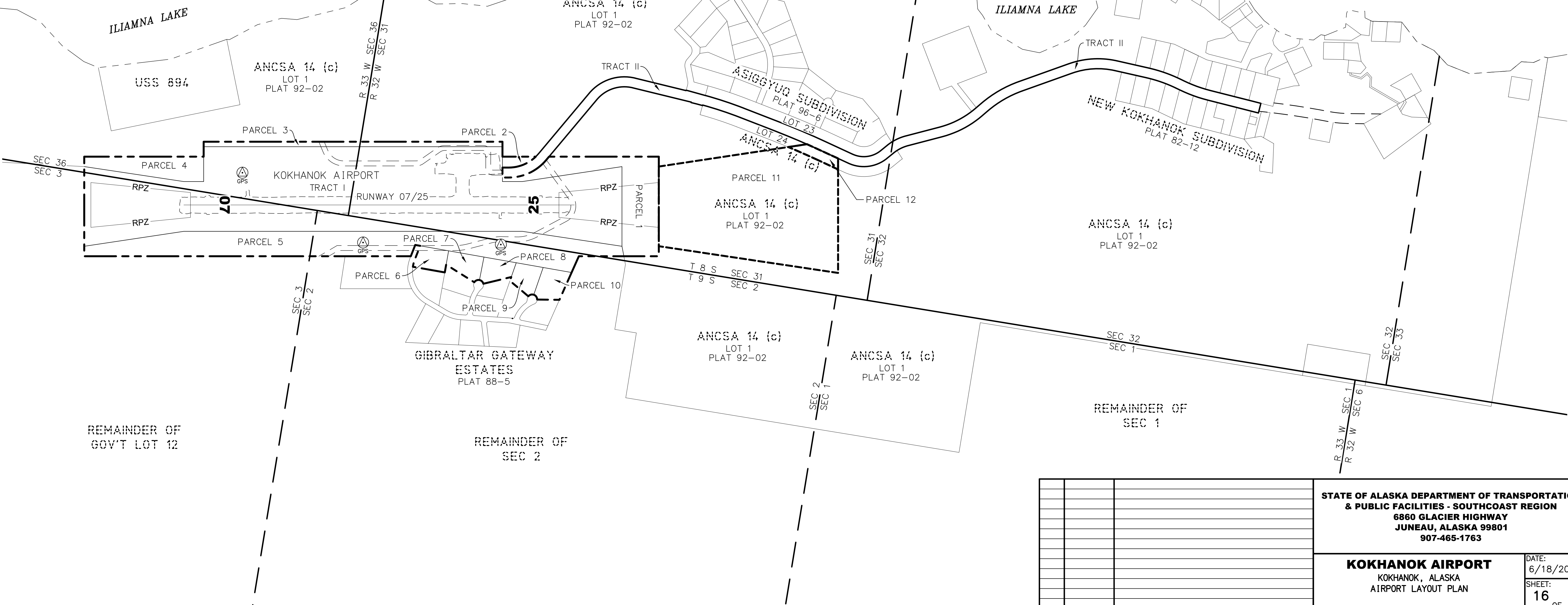
Date Plotted: 6/18/2025 10:17 AM
Layout Name: PROPERTY MAP
File Name: H:\Jobs\22-034 Kokhanok Airport Resurfacing & Fencing (001-SC)\05 - ALP\ALP drawings\Property Map\ALP-9K2-Property Map.dwg

PROPERTY STATUS							
TRACT/PARCEL	INTEREST	GRANTOR	GRANTEE	AREA (ACRES)	RECORDED DOCUMENT NO.	ACQUIRED UNDER	PURPOSE
TRACT I	30 YEAR LEASE – SURFACE ESTATE LEASE EXTENSION INITIATED 5/12/25	STATE OF ALASKA DCCED	STATE OF ALASKA, DOT&PF	92.965	2010–000524–0	AIP #3–02–0406–001–1984	AERONAUTICAL
	SUBSURFACE RESTRICTIVE COVENANTS	BRISTOL BAY NATIVE CORP.	STATE OF ALASKA, DOT&PF		BOOK 12, PAGE 62 1984–000456–0	AIP #3–02–0406–001–1984	AERONAUTICAL
TRACT II	GRANT OF RIGHT OF WAY – SURFACE ESTATE	STATE OF ALASKA DCCED	STATE OF ALASKA, DOT&PF	19.348	2010–000522–0	AIP #3–02–0406–001–1984	AIRPORT ACCESS ROAD
	SUBSURFACE RESTRICTIVE COVENANTS	BRISTOL BAY NATIVE CORP.	STATE OF ALASKA, DOT&PF		BOOK 12, PAGE 62 1984–000456–0	AIP #3–02–0406–001–1984	AIRPORT ACCESS ROAD
PARCEL 1	30 YEAR LEASE – SURFACE ESTATE LEASE EXTENSION INITIATED 5/12/25	STATE OF ALASKA DCCED	STATE OF ALASKA, DOT&PF	11.976	2010–000523–0	AIP #3–02–0406–002–2005	AERONAUTICAL
PARCEL 2	30 YEAR LEASE – SURFACE ESTATE LEASE EXTENSION INITIATED 5/12/25	STATE OF ALASKA DCCED	STATE OF ALASKA, DOT&PF	0.628	2010–000523–0	AIP #3–02–0406–002–2005	AERONAUTICAL
PARCEL 3	30 YEAR LEASE – SURFACE ESTATE LEASE EXTENSION INITIATED 5/12/25	STATE OF ALASKA DCCED	STATE OF ALASKA, DOT&PF	3.444	2010–000523–0	AIP #3–02–0406–002–2005	AERONAUTICAL
PARCEL 4	30 YEAR LEASE – SURFACE ESTATE LEASE EXTENSION INITIATED 5/12/25	STATE OF ALASKA DCCED	STATE OF ALASKA, DOT&PF	5.160	2010–000523–0	AIP #3–02–0406–002–2005	AERONAUTICAL
PARCEL 5	FEE – SURFACE ESTATE	ALASKA PENINSULA CORP.	STATE OF ALASKA, DOT&PF	28.562	2005–001219–0	AIP #3–02–0406–002–2005	AERONAUTICAL
	FEE – SUBSURFACE ESTATE	BRISTOL BAY NATIVE CORP.	STATE OF ALASKA, DOT&PF		2005–001221–0	AIP #3–02–0406–002–2005	AERONAUTICAL
PARCEL 6	FEE – SURFACE AND LIMITED SUBSURFACE ESTATE	ALASKA PENINSULA CORP.	STATE OF ALASKA, DOT&PF	1.568	2005–001220–0	AIP #3–02–0406–002–2005	AERONAUTICAL
PARCEL 7	FEE – SURFACE AND LIMITED SUBSURFACE ESTATE	ALASKA PENINSULA CORP.	STATE OF ALASKA, DOT&PF	1.720	2005–001220–0	AIP #3–02–0406–002–2005	AERONAUTICAL
PARCEL 8	FEE – SURFACE AND LIMITED SUBSURFACE ESTATE	ALASKA PENINSULA CORP.	STATE OF ALASKA, DOT&PF	1.540	2005–001220–0	AIP #3–02–0406–002–2005	AERONAUTICAL
PARCEL 9	FEE – SURFACE AND LIMITED SUBSURFACE ESTATE	ALASKA PENINSULA CORP.	STATE OF ALASKA, DOT&PF	1.624	2005–001220–0	AIP #3–02–0406–002–2005	AERONAUTICAL
PARCEL 10	FEE – SURFACE AND LIMITED SUBSURFACE ESTATE	ALASKA PENINSULA CORP.	STATE OF ALASKA, DOT&PF	1.948	2005–001220–0	AIP #3–02–0406–002–2005	AERONAUTICAL
PARCEL 11	AVIGATION EASEMENT	STATE OF ALASKA DCCED	STATE OF ALASKA, DOT&PF	43.3	TO BE ACQUIRED	TBD	AERONAUTICAL
PARCEL 12	LOT 24 NEW AVIGATION EASEMENT	STATE OF ALASKA DCCED	STATE OF ALASKA, DOT&PF	1.0	TO BE ACQUIRED	TBD	AERONAUTICAL



- LEGEND
- AIRPORT BOUNDARY
- ULTIMATE EASEMENT
- PARCEL/TRACT BOUNDARY
- ROW LINE
- SURVEYED SECTION LINE
- PROTRACTED SECTION LINE
- GPS

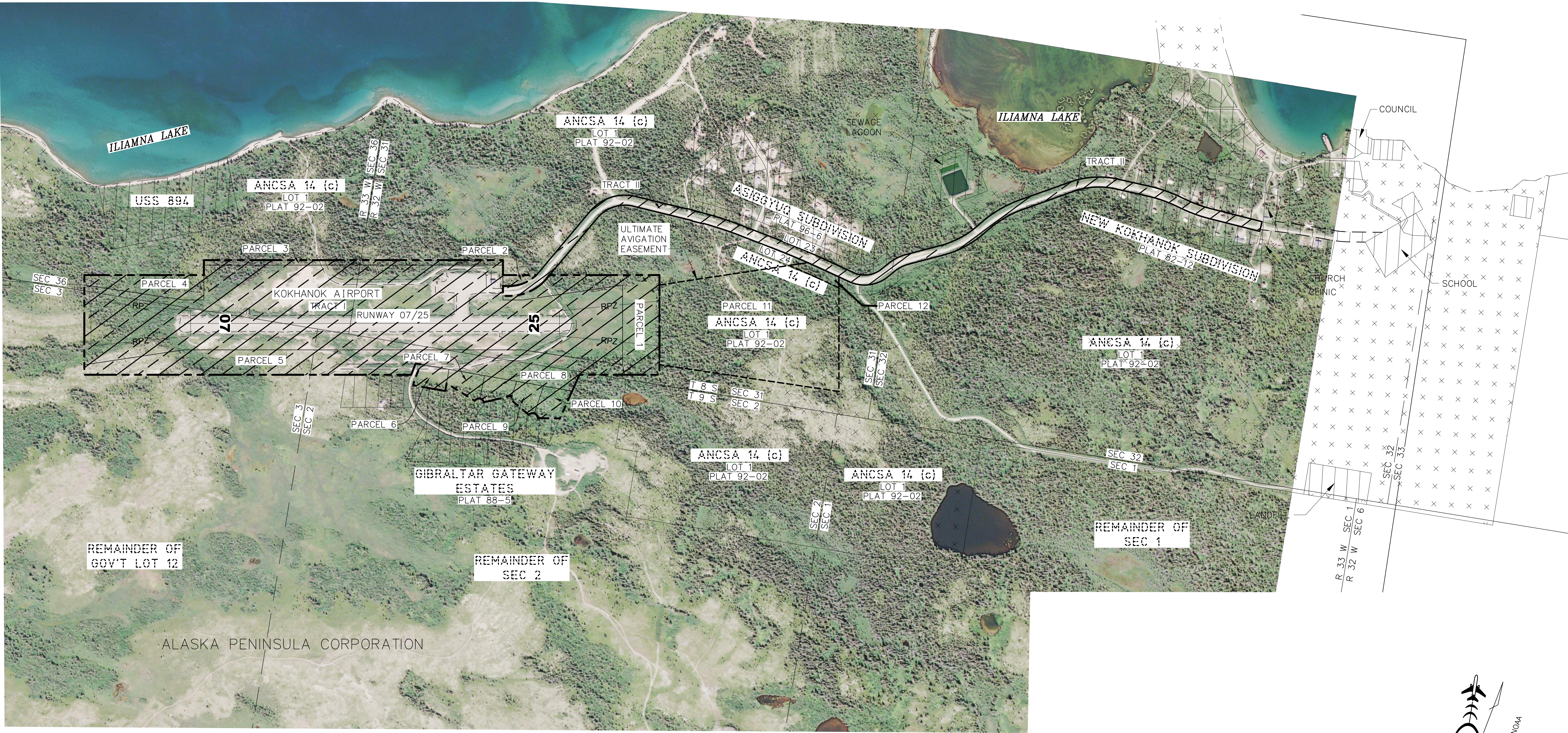
GPS CONTROL STATION



			STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES - SOUTHCOAST REGION 6860 GLACIER HIGHWAY JUNEAU, ALASKA 99801 907-465-1763	
			KOKHANOK AIRPORT KOKHANOK, ALASKA AIRPORT LAYOUT PLAN PROPERTY MAP	
			DATE: 6/18/2025 SHEET: 16 OF 17	
BY	DATE	REVISION		

Designed By: MPM, PCD
Drawn By: KK
Checked By: MRS

Date Plotted: 6/18/2025, 10:18 AM
Layout Name: LAND USE
File Name: H:\Jobs\22-034 Kokhanok Airport Resurfacing & Fencing (001-SC)\05 - ALP\ALP drawings\Property Map\ALP-9K2-LAND-USE-Map.dwg

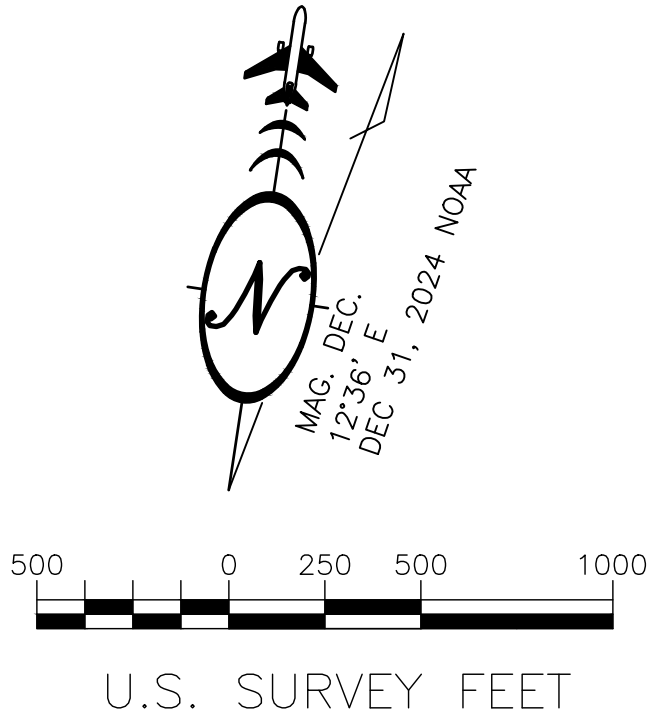


BASEMAP LEGEND

- PUBLIC AIRFIELD AND ACCESS
- RESIDENTIAL AND VILLAGE
- MUNICIPAL TRUST LAND
- NO DEFINED USE

BASEMAP LEGEND

- AIRPORT BOUNDARY
- PARCEL/TRACT BOUNDARY
- ROW LINE
- SURVEYED SECTION LINE
- PROTRACTED SECTION LINE



--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--