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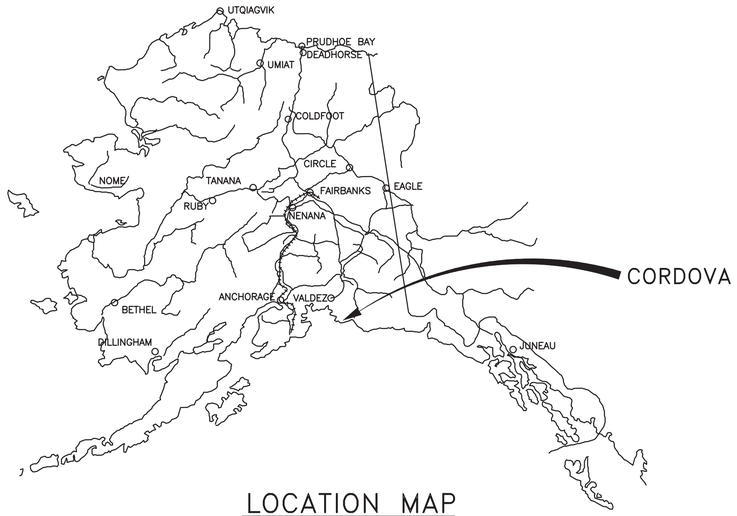
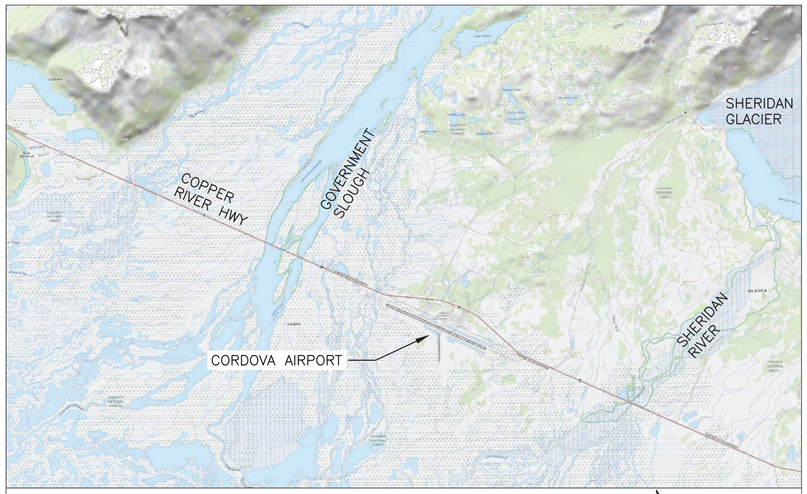


LOCATION MAP

MERLE K. "MUDHOLE" SMITH AIRPORT

AIRPORT LAYOUT PLAN

CORDOVA, ALASKA



MAGNETIC DECLINATION
16°42'E
NOVEMBER 2021

ANNUAL RATE OF CHANGE
0°14' W

VICINITY MAP

(1" = 1 MILE)
CORDOVA, ALASKA
USGS CORDOVA
(C-5), (C-4), (B-5),
& (B-4)

LEGEND

ITEM	EXISTING	ULTIMATE
AIRPORT REFERENCE POINT (ARP)		
ANTENNA		
APPROACH SURFACE		
ASPHALT PAVEMENT		
BUILDINGS		
BUILDING RESTRICTION LINE	BRL	BRL
DEPARTURE SURFACE		
FAA WEATHER STATION		
FENCE		
ODALS		
PROPERTY LINE		
ROADWAYS		
ROTATING BEACON		
RUNWAY LIGHTS		
RUNWAY OBJECT FREE AREA	OFA	OFA
RUNWAY OBSTACLE FREE ZONE	OFZ	OFZ
RUNWAY PROTECTION ZONE	RPZ	RPZ
RUNWAY SAFETY AREA	RSA	RSA
SEGMENTED CIRCLE WITH WINDCONE		
SNOW STORAGE		
SURVEY MONUMENT		
THRESHOLD MARKERS/LIGHTS		
THRESHOLD SITING SURFACE	TSS	TSS
TOPOGRAPHIC CONTOURS	100	100
TREE LINE		
UTILITY POLE		
VASI		
WATER BODY		
WIND CONE		

SHEET INDEX

SHEET NO.	DESCRIPTION
1	COVER
2	AIRPORT DATA SHEET
3	EXISTING AIRPORT LAYOUT PLAN
4	ULTIMATE AIRPORT LAYOUT PLAN
5	EXISTING RUNWAY PROFILES
6	ULTIMATE RUNWAY PROFILES
7	RW 9 INNER APPROACH PLAN & PROFILE
8	RW 27 INNER APPROACH PLAN & PROFILE
9	RW 16-34 INNER APPROACH PLAN & PROFILE
10	TERMINAL AREA PLAN
11	AIRPORT AIRSPACE PLAN
12	AIRPORT AIRSPACE PROFILES
13	AIRPORT AIRSPACE OBSTRUCTIONS
14	LAND USE PLAN
15	PROPERTY MAP

Cover Sheet-COVER

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

APPROVED: _____ DATE 9/13/2023
ALBERT M.L. BECK, P.E. PROJECT DELIVERY LEAD

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

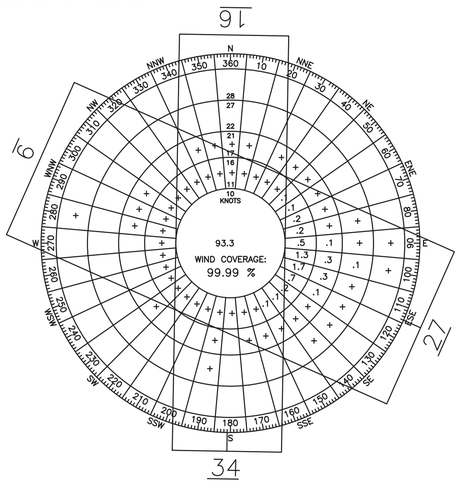
MERLE K. "MUDHOLE" SMITH AIRPORT
CORDOVA, ALASKA
COVER

SHEET 1 OF 15

9/8/2023 10:57 AM

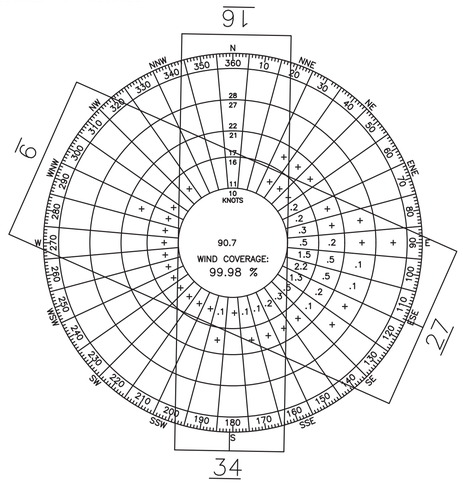
WIND COVERAGE

ALL WEATHER CONDITIONS
WIND DATA PERIOD: 2011 – 2020
SOURCE: NOAA RECORDS



WIND COVERAGE

IFR WEATHER CONDITIONS
WIND DATA PERIOD: 2011 – 2020
SOURCE: NOAA RECORDS



WIND DATA

RUNWAY	9–27	16–34
CROSSWIND COMPONENT	16	10.5
ALL WEATHER WIND COVERAGE	98.9%	93.3%
IFR WIND COVERAGE	98.3%	90.7%

DECLARED DISTANCES

	RUNWAY	TORA	TODA	ASDA	LDA
ULTIMATE	9–27	7500'	7500'	7500'	7500'
EXISTING	9–27	7500'	7500'	7500'	7500'

MODIFICATIONS TO STANDARDS

DESCRIPTION	STANDARD	EXISTING	ULTIMATE	AIRSPACE #	APPROVAL DATE
NONE					

NONSTANDARD CONDITIONS

ITEM	STANDARD	EXISTING	ULTIMATE
RW 9 RSA PRIOR TO RUNWAY THRESHOLD	600'	500'	500'
RW 9–27 LINE OF SIGHT	5' LOS	NONSTANDARD	5' LOS
RW 16–34 RUNWAY WIDTH	60'	30'	60'
OBJECT WITHIN RW 9–27 OFA	NONE	257' LT/E OF TW C	NONE

CDV AIRPORT CONTROL (PACS & SACS)

DESIGNATION	LATITUDE	LONGITUDE	NORTHING	EASTING	ELEVATION	DESCRIPTION
CDV E	N60°29'31.88978"	W145°28'07.11918"	2372175.68	1736233.41	52.18	PACS
CDV F	N60°29'21.21570"	W145°27'18.99962"	2371111.64	1738652.66	45.02	SACS
CDV G	N60°29'53.54834"	W145°29'44.62282"	2374336.27	1731332.64	46.10	SACS

NOTES

GEOGRAPHIC COORDINATES (NAD83) & ELEVATIONS (NAVD88)

ITEM	EXISTING LATITUDE	EXISTING LONGITUDE	EXISTING ELEVATION	ULTIMATE LATITUDE	ULTIMATE LONGITUDE	ULTIMATE ELEVATION
AIRPORT REFERENCE POINT	60°29'29.90"N	145°28'39.22"W	52.49	SAME	SAME	SAME
THRESHOLD RW 09	60°29'48.16"N	145°29'48.29"W	41.55	SAME	SAME	46.00
THRESHOLD RW 27	60°29'17.85"N	145°27'31.76"W	43.03	SAME	SAME	49.50
THRESHOLD RW 16	60°29'27.39"N	145°28'35.85"W	49.52	SAME	SAME	SAME
THRESHOLD RW 34	60°29'08.34"N	145°28'36.29"W	38.57	SAME	SAME	SAME

AIRPORT DATA

ITEM	EXISTING	ULTIMATE
ICAO IDENTIFIER	PACV	SAME
NATIONAL AIRPORT IDENTIFIER	CDV	SAME
FAA SITE NUMBER	50124.*A	SAME
AIRPORT REFERENCE CODE (ARC)	D–III	SAME
NPIAS SERVICE LEVEL (P, CS, R, GA)	P	SAME
AIRPORT ELEVATION (MSL)	53.0'	SAME
MEAN MAX. TEMPERATURE, HOTTEST MONTH	60°F	SAME
OBSTRUCTION SURVEY SOURCE & TYPE	LOUNSBURY & ASSOCIATES OCTOBER 2019/VERTICALLY GUIDED AIRSPACE ANALYSIS SURVEY	SAME
MAGNETIC DECLINATION, YEAR, RATE OF CHANGE	16°42'E, 2021, 14' W	SAME
AIRPORT AND TERMINAL NAVIGATION AIDS	RVR, GS, VHS/DF, NDB, LOC/DME, ROTATING BEACON	SAME

RUNWAY DATA

	RUNWAY 9–27		RUNWAY 16–34	
ITEM	EXISTING	ULTIMATE	EXISTING	ULTIMATE
FAR PART 77 APPROACH CATEGORY	OTHER THAN UTILITY–PIR	SAME	UTILITY – VISUAL	SAME
FAR PART 77 APPROACH TYPE (V, C, NPA, PA)	9=B(V), 27=PIR	SAME	A(V)	SAME
RUNWAY DESIGN CODE (RDC)	9=D–III–VIS 27=D–III–2400	SAME	A–I–VIS	SAME
RUNWAY REFERENCE CODE (RRC)	9=D–III–VIS 27=D–III–2400	SAME	A–I–VIS	SAME
CRITICAL AIRCRAFT	BOEING 737–800	SAME	DE HAVILLAND BEAVER	SAME
FAR PART 77 APPROACH SLOPE	9=20:1, 27=50:1	SAME	20:1	SAME
APPROACH TSS SLOPE	9=20:1, 27=34:1	SAME	20:1	SAME
DEPARTURE SURFACE SLOPE	40:1	SAME	N/A	SAME
RUNWAY SURFACE	ASPHALT	SAME	GRAVEL	SAME
PAVEMENT STRENGTH (SW, DW, DTW x1000lbs)	90, 153, 280	SAME	N/A	N/A
PAVEMENT CLASSIFICATION NUMBER	94/F/A/X/T	SAME	N/A	N/A
TRUE MEAN BEARING	N 65°46'17" W	SAME	S 00°39'02" W	SAME
EFFECTIVE GRADE	9=–0.02% 27=0.02%	9=–0.05%, 27=0.05%	16=–0.57% 34=0.57%	SAME
RUNWAY TOUCHDOWN ZONE ELEVATIONS (NAVD88)	9=49.50', 27=52.49'	SAME	49.52'	SAME
RUNWAY DIMENSIONS	150'x7500'	SAME	30x1934'	60'x1934'
RUNWAY SAFETY AREA (RSA) WIDTH	500'	SAME	120'	SAME
RSA LENGTH BEYOND RW ENDS	9=500', 27=1000'	SAME	240'	SAME
RUNWAY PROTECTION ZONE (RPZ) DIMENSIONS	9=1010'x1700'x500' 27=1750'x2500'x1000'	SAME	16=450'x1000'x250' 34=450'x1000'x250'	SAME
RUNWAY OBJECT FREE AREA (ROFA) WIDTH	800'	SAME	250'	SAME
ROFA LENGTH BEYOND RW ENDS	9=500', 27=1000'	SAME	240'	SAME
RUNWAY OBSTACLE FREE ZONE (ROFZ) WIDTH	400'	SAME	250'	SAME
ROFZ LENGTH BEYOND RW ENDS	200'	SAME	200'	SAME
PRECISION OBJECT FREE ZONE (POFZ) DIMENSIONS	200'X800'	SAME	NONE	SAME
RUNWAY LIGHTING TYPE	H.I.R.L.	SAME	NONE	SAME
RUNWAY MARKING TYPE (P, NP, NONE)	PIR	SAME	NONE	SAME
VISIBILITY MINIMUMS (MILES)	9=VISUAL 27=≥1/2	SAME	VISUAL	SAME
TYPE OF AERONAUTICAL SURVEY REQUIRED	VERTICALLY GUIDED	SAME	NON–VERTICALLY GUIDED	SAME
RUNWAY VISUAL APPROACH AIDS	9=ODALS, 27=MALSR	SAME	NONE	SAME
RUNWAY LANDING AIDS	VASI, GS, LOC, RVR	GS, LOC, RVR, PAPI	NONE	SAME

Data Sheet–AIRPORT DATA SHEET

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STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
NORTHERN REGION–AVIATION
APPROVED: _____ DATE 9/13/2023
ALBERT M.L. BECK, P.E. PROJECT DELIVERY LEAD

BY	DATE	REVISIONS	FAA

BY	DATE	REVISIONS	FAA

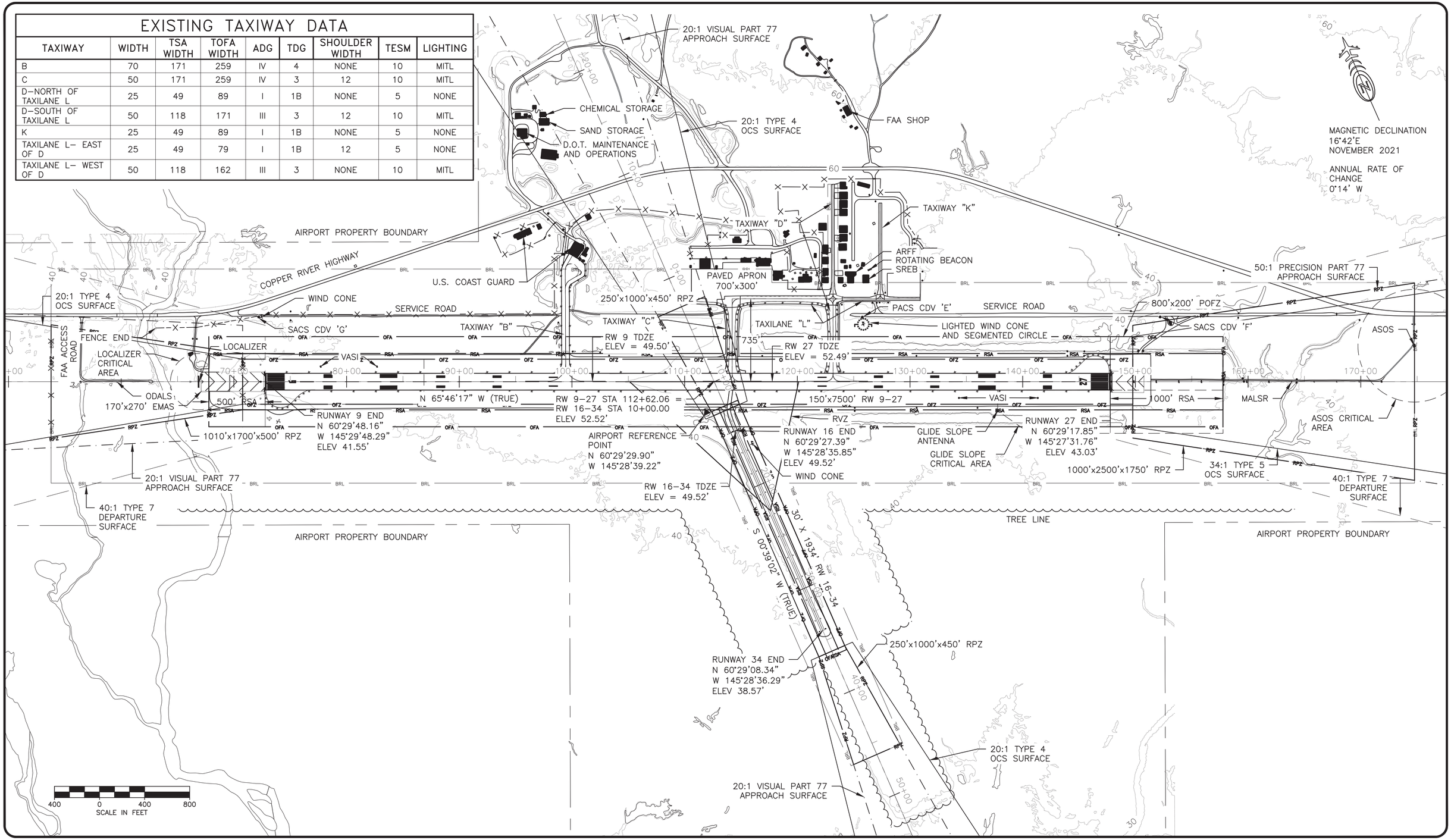
MERLE K. "MUDHOLE" SMITH AIRPORT
CORDOVA, ALASKA
AIRPORT DATA SHEET

SHEET 2 OF 15

7/14/2023 4:47 PM

EXISTING TAXIWAY DATA

TAXIWAY	WIDTH	TSA WIDTH	TOFA WIDTH	ADG	TDG	SHOULDER WIDTH	TESM	LIGHTING
B	70	171	259	IV	4	NONE	10	MITL
C	50	171	259	IV	3	12	10	MITL
D–NORTH OF TAXILANE L	25	49	89	I	1B	NONE	5	NONE
D–SOUTH OF TAXILANE L	50	118	171	III	3	12	10	MITL
K	25	49	89	I	1B	NONE	5	NONE
TAXILANE L– EAST OF D	25	49	79	I	1B	12	5	NONE
TAXILANE L– WEST OF D	50	118	162	III	3	NONE	10	MITL



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MERLE K. "MUDHOLE" SMITH AIRPORT
CORDOVA, ALASKA
EXISTING AIRPORT LAYOUT PLAN

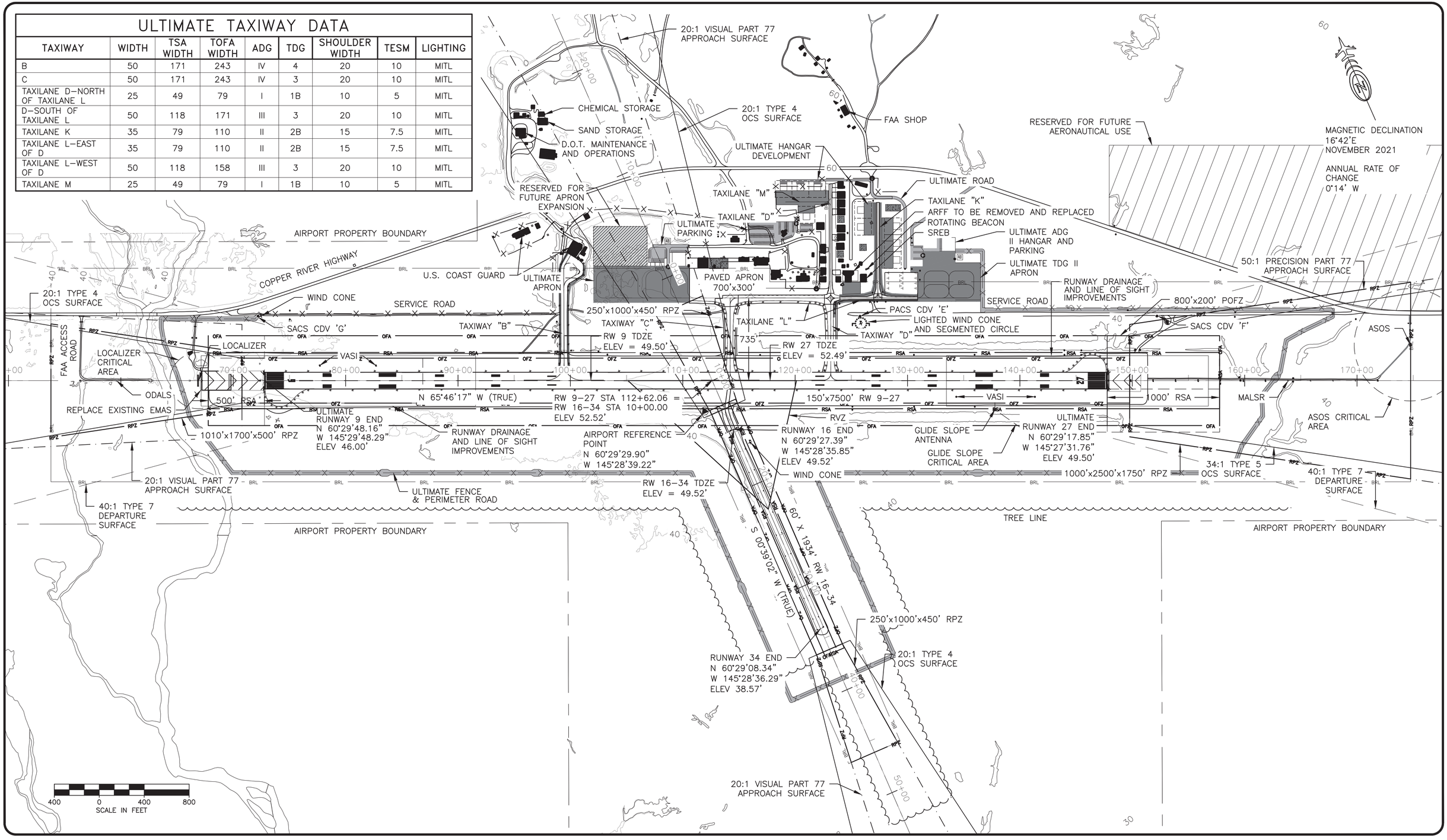
SHEET 3 OF 15

CDV_03 & 04 & 05 & 06_AIRPORT LAYOUT PLAN EX–ULT–EXISTING AIRPORT LAYOUT PLAN

7/14/2023 4:47 PM

ULTIMATE TAXIWAY DATA

TAXIWAY	WIDTH	TSA WIDTH	TOFA WIDTH	ADG	TDG	SHOULDER WIDTH	TESM	LIGHTING
B	50	171	243	IV	4	20	10	MITL
C	50	171	243	IV	3	20	10	MITL
TAXILANE D–NORTH OF TAXILANE L	25	49	79	I	1B	10	5	MITL
D–SOUTH OF TAXILANE L	50	118	171	III	3	20	10	MITL
TAXILANE K	35	79	110	II	2B	15	7.5	MITL
TAXILANE L–EAST OF D	35	79	110	II	2B	15	7.5	MITL
TAXILANE L–WEST OF D	50	118	158	III	3	20	10	MITL
TAXILANE M	25	49	79	I	1B	10	5	MITL



CDV_03 & 04 & 05 & 06_AIRPORT LAYOUT PLAN EX–ULT–ULTIMATE AIRPORT LAYOUT PLAN

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STATE OF ALASKA
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NORTHERN REGION–AVIATION
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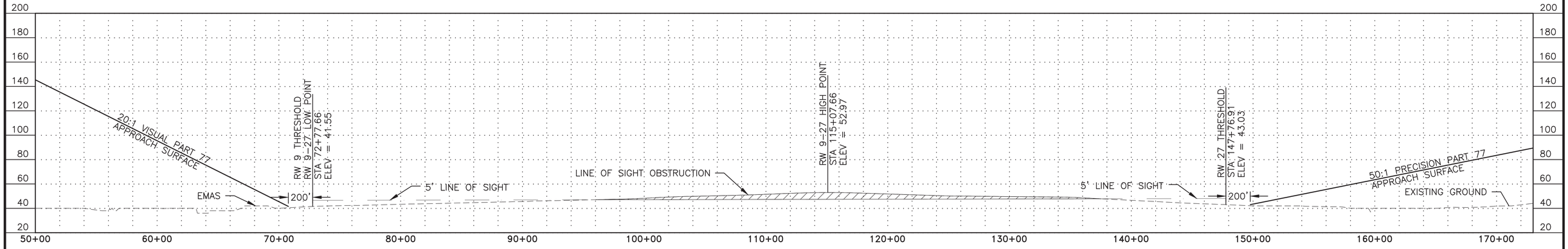
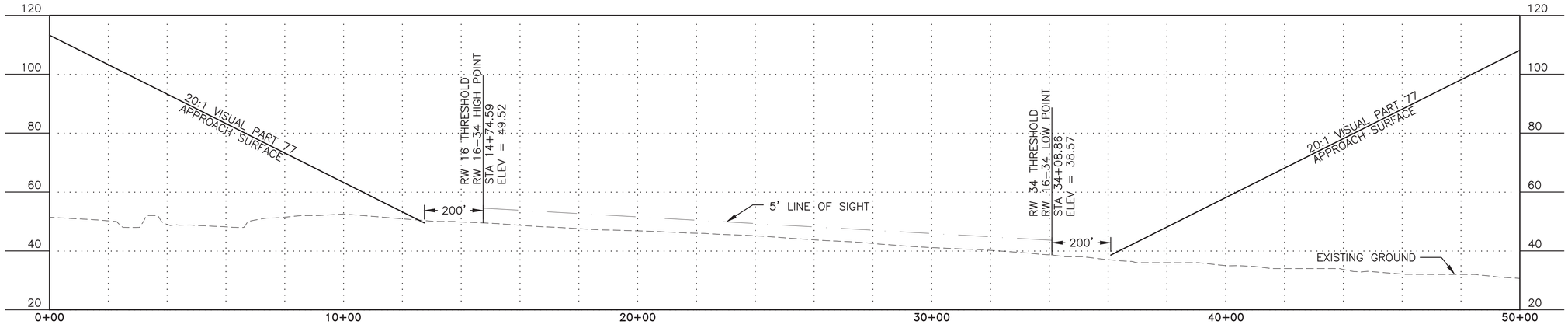
MERLE K. "MUDHOLE" SMITH AIRPORT
CORDOVA, ALASKA
ULTIMATE AIRPORT LAYOUT PLAN

SHEET 4 OF 15



RUNWAY 09-27 EXISTING PROFILE



RUNWAY 16-34 EXISTING PROFILE

CDV_03 & 04 & 05 & 06_AIRPORT LAYOUT PLAN EX-ULT-EXISTING RUNWAY PROFILES

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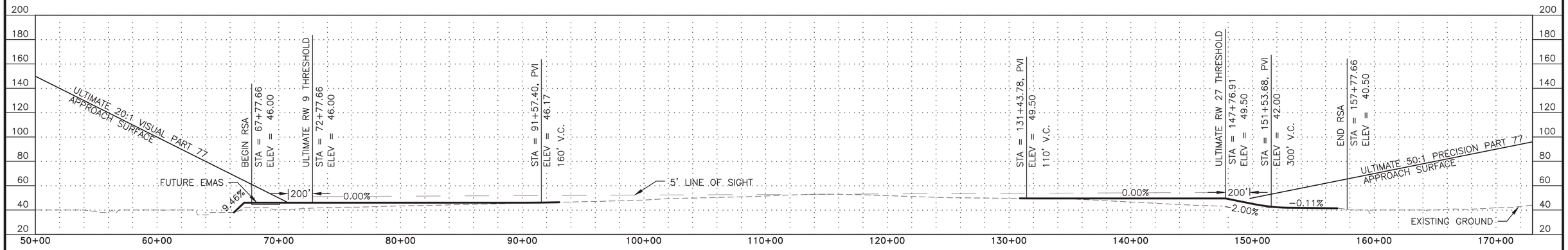
MERLE K. "MUDHOLE" SMITH AIRPORT
CORDOVA, ALASKA
EXISTING RUNWAY PROFILES

SHEET 5 OF 15



RUNWAY 09–27 ULTIMATE PROFILE

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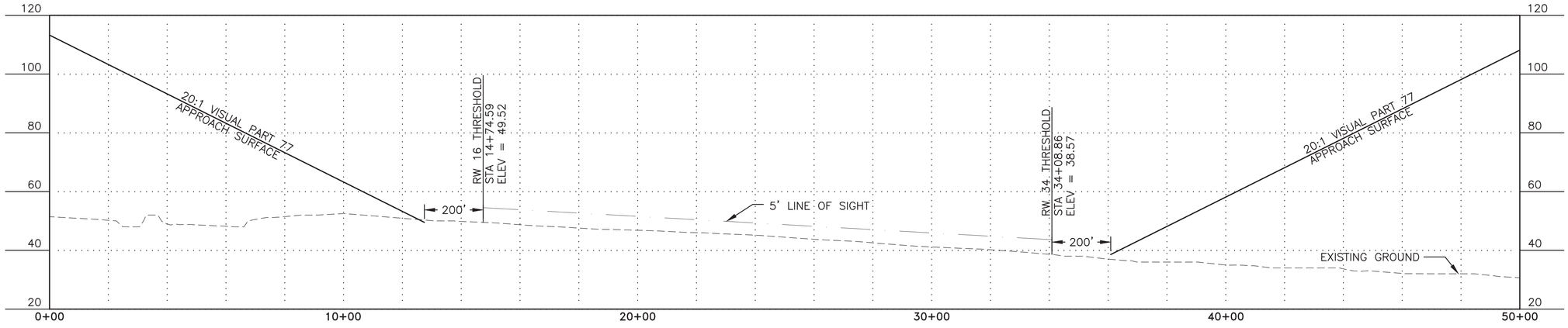
SCALE IN FEET



RUNWAY 16–34 ULTIMATE PROFILE

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SCALE IN FEET

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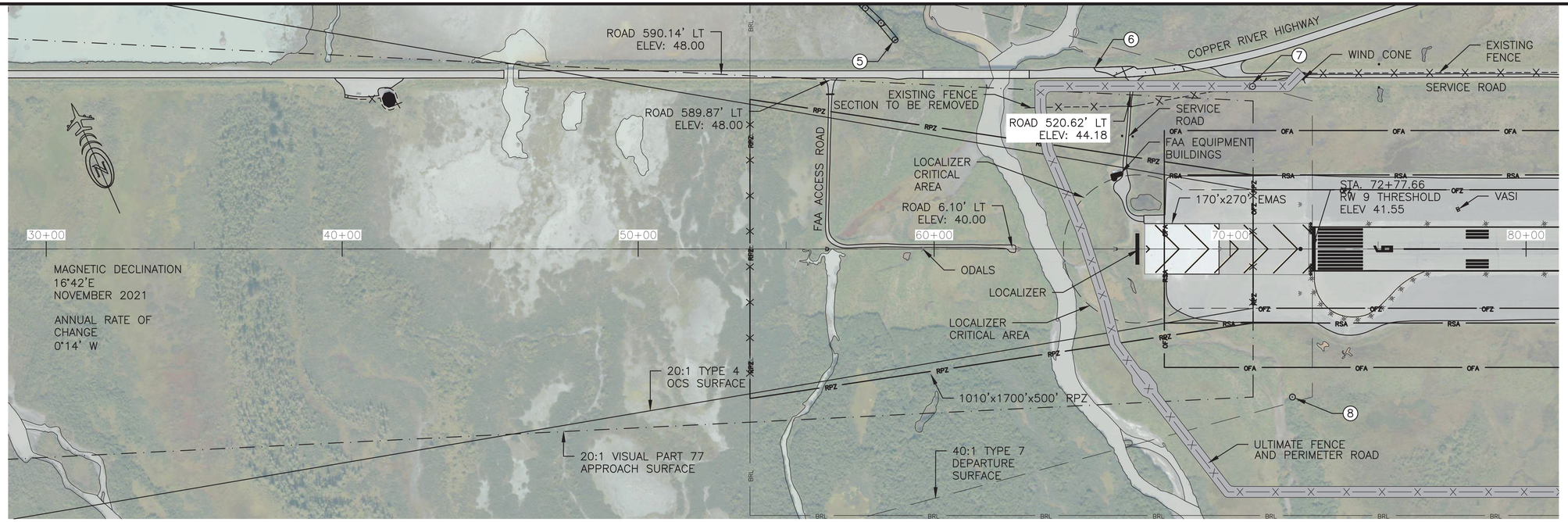
MERLE K. "MUDHOLE" SMITH AIRPORT
CORDOVA, ALASKA
ULTIMATE RUNWAY PROFILES

SHEET 6 OF 15

CDV_03 & 04 & 05 & 06_AIRPORT LAYOUT PLAN EX–ULT–ULTIMATE RUNWAY PROFILES



RUNWAY 9 INNER APPROACH PLAN

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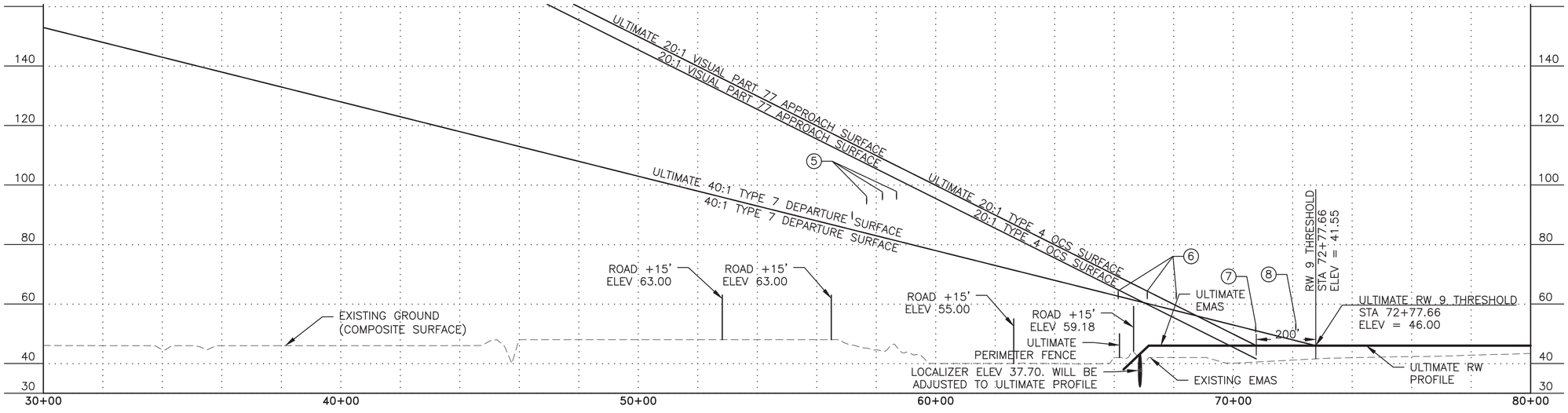
SCALE IN FEET



RUNWAY 9 INNER APPROACH PROFILE

NOTES:

1. SEE SHEET 13 FOR SURFACE OBSTRUCTION TABLE.

DESIGN REH
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DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
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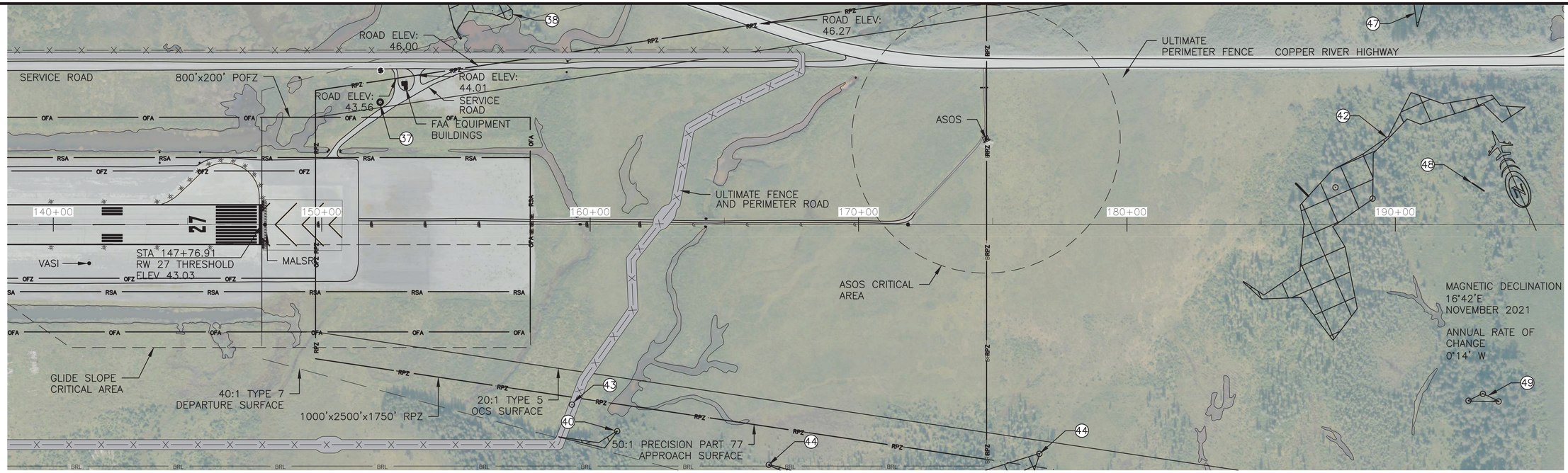
BY	DATE	NO.	REVISIONS	FAA

MERLE K. "MUDHOLE" SMITH AIRPORT
CORDOVA, ALASKA
RW 9 INNER APPROACH PLAN & PROFILE

SHEET 7 OF 15



RUNWAY 27 INNER APPROACH PLAN

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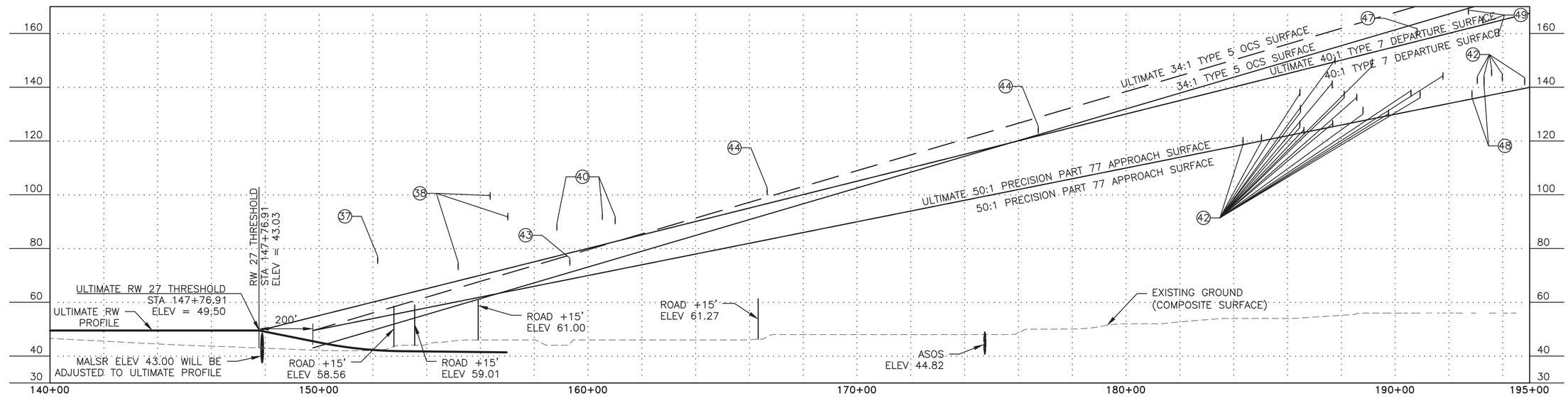
SCALE IN FEET



RUNWAY 27 INNER APPROACH PROFILE

NOTES:

1. SEE SHEET 13 FOR SURFACE OBSTRUCTION TABLE.

CDV_07 & 08 & 09_APPROACHES-RW 27 INNER APPROACH PLAN & PROFILE

DESIGN REH
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STATE OF ALASKA
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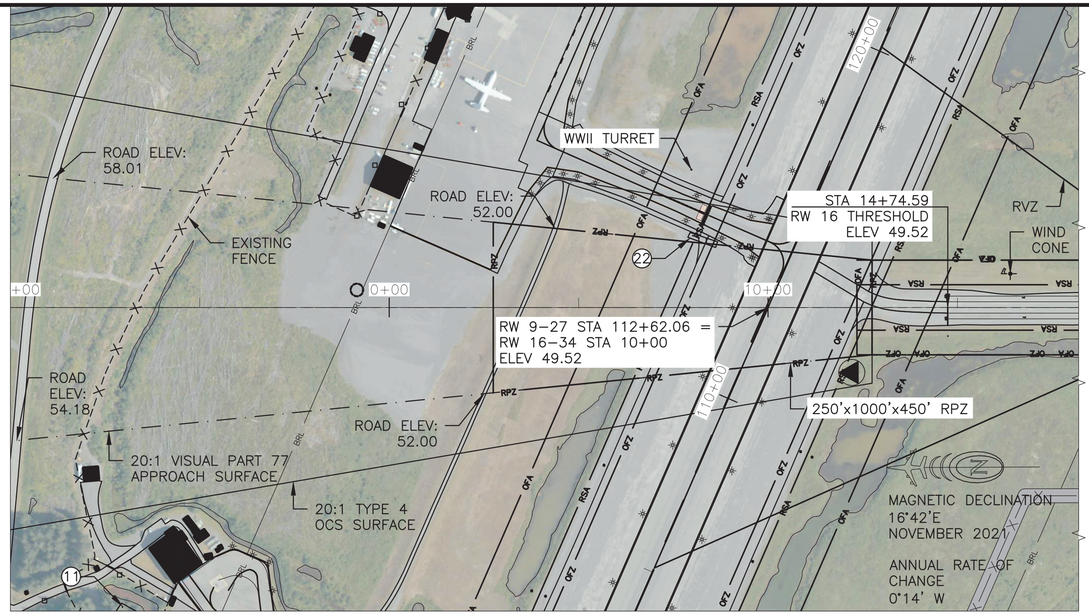
BY	DATE	NO.	REVISIONS	FAA

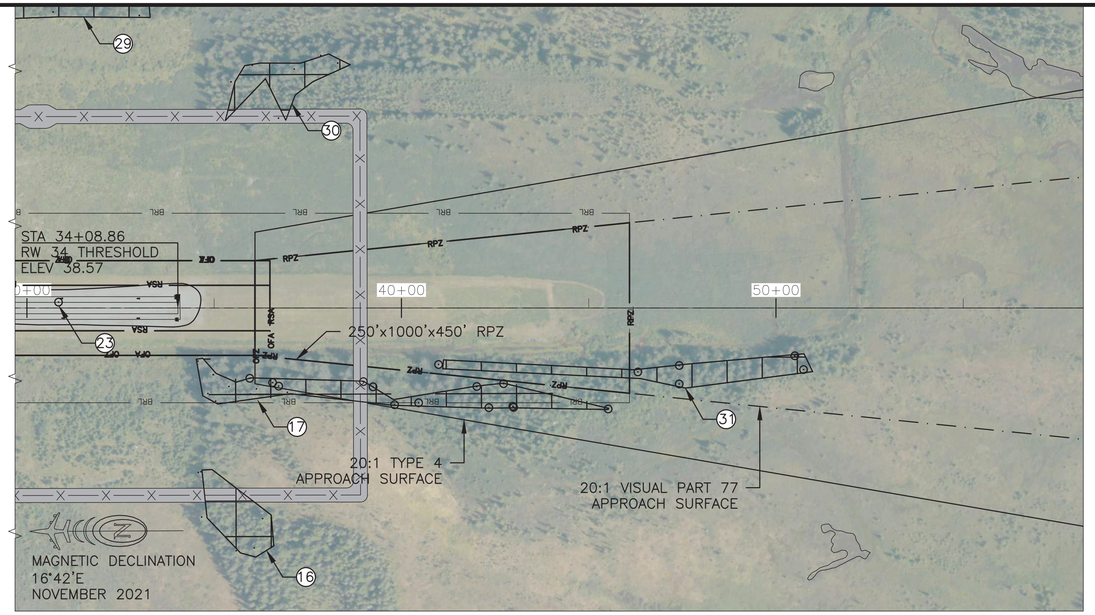
MERLE K. "MUDHOLE" SMITH AIRPORT
CORDOVA, ALASKA
RW 27 INNER APPROACH PLAN & PROFILE

SHEET 8 OF 15

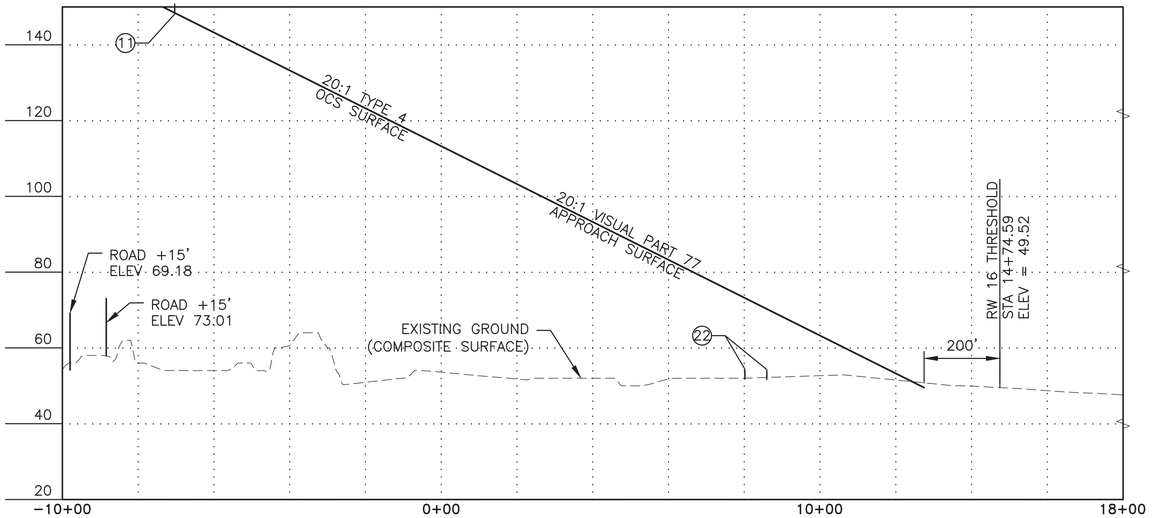
9/8/2023 2:46 PM



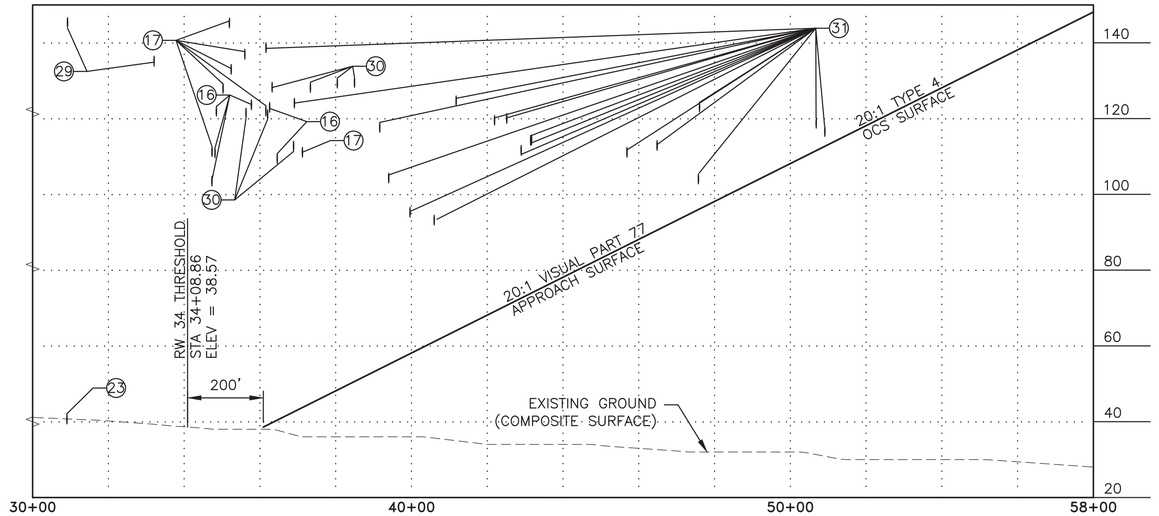
RUNWAY 16 APPROACH PLAN



RUNWAY 34 APPROACH PLAN



RUNWAY 16 APPROACH PROFILE



RUNWAY 34 APPROACH PROFILE

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SCALE IN FEET

NOTES:

1. SEE SHEET 13 FOR SURFACE OBSTRUCTION TABLE.

CDV_07 & 08 & 09_APPROACHES-16-34 Approach

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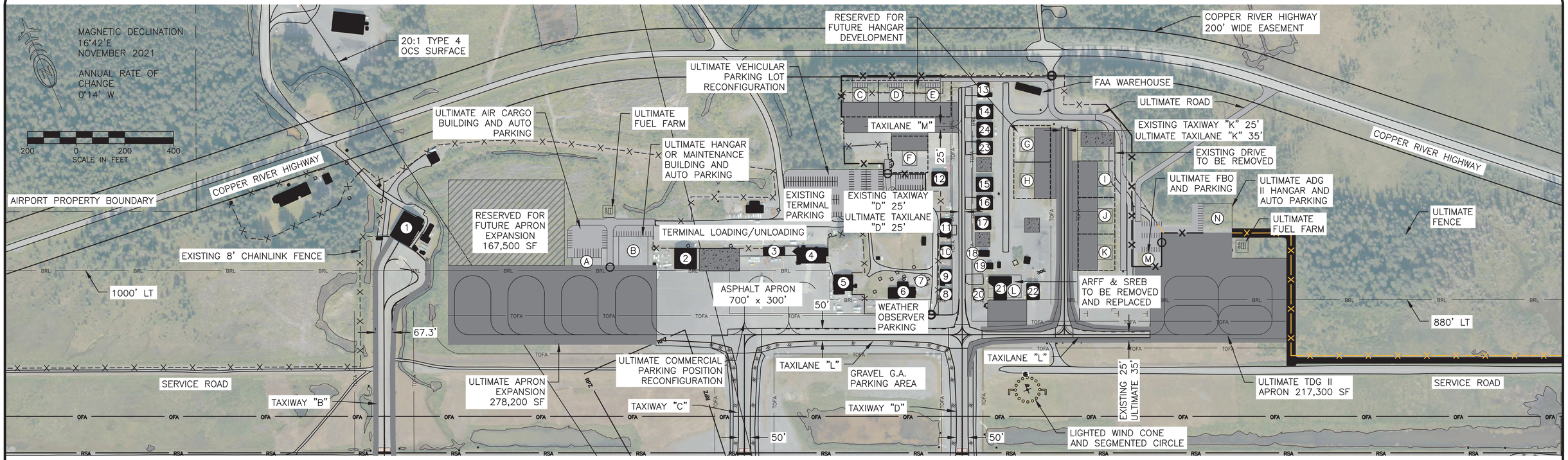
BY	DATE	NO.	REVISIONS	FAA

MERLE K. "MUDHOLE" SMITH AIRPORT
CORDOVA, ALASKA
RW 16–34 INNER APPROACH PLAN & PROFILE

SHEET 9 OF 15



EXISTING BUILDING DATA TABLE

#	STRUCTURE NAME	TOP ELEV.	OBSTRUCTION WARNING (Y/N)	REMARKS
1	U.S. COAST GUARD HANGAR	89.95	N	
2	ALASKA WILDERNESS OUTFITTING	88.07	N	
3	TSA	71.08	N	
4	ALASKA AIRLINES TERMINAL	75.12	N	
5	ALASKA AIRLINES BUILDING	80.29	N	
6	F.A.A./F.S.S.	75.37	N	
7	F.A.A./ANTENNA TOWERS	134.53	Y	ELEVATION FROM HIGHEST ANTENNA
8	HANGAR	71.95	N	
9	HANGAR	84.10	N	
10	HANGAR	80.38	N	
11	HANGAR	82.79	N	
12	HANGAR	79.28	N	
13	HANGAR	87.68	N	
14	HANGAR	89.09	N	
15	HANGAR	84.58	N	
16	HANGAR	84.55	N	
17	HANGAR	80.27	N	
18	FAA	76.78	N	
19	GENERATOR BUILDING	70.96	N	
20	HANGAR	71.71	N	
21	ARFF	83.47	N	TO BE REMOVED AND REPLACED
22	SREB	84.52	N	TO BE REMOVED AND REPLACED
23	HANGAR	83.59	N	
24	HANGAR		N	NO ELEVATION DATA

ULTIMATE BUILDING DATA TABLE

#	STRUCTURE NAME	TOP ELEV.	OBSTRUCTION WARNING (Y/N)	REMARKS
A	AIR CARGO TERMINAL			3,790 SF
B	MAINTENANCE BUILDING			14,400 SF
C	BOX HANGAR (ADG-1) 60 X 60			3,600 SF
D	BOX HANGAR (ADG-1) 60 X 60			3,600 SF
E	BOX HANGAR (ADG-1) 60 X 60			3,600 SF
F	BOX HANGAR (ADG-1) 60 X 60			3,600 SF
G	BOX HANGAR (ADG-1) 60 X 60			3,600 SF
H	BOX HANGAR (ADG-1) 60 X 60			3,600 SF
I	BOX HANGAR (ADG-1) 60 X 60			3,600 SF
J	BOX HANGAR (ADG-1) 60 X 60			3,600 SF
K	BOX HANGAR (ADG-1) 60 X 60			3,600 SF
L	SREB BUILDING	87.43	N	12,730 SF, TO BE REMOVED AND REPLACED
M	FBO			6,600 SF
N	BOX HANGAR (ADG-II) 120 X 120			14,400 SF

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STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
NORTHERN REGION-AVIATION
APPROVED: DATE 9/13/2023
ALBERT M.L. BECK, P.E. PROJECT DELIVERY LEAD

BY	DATE	NO.	REVISIONS	FAA

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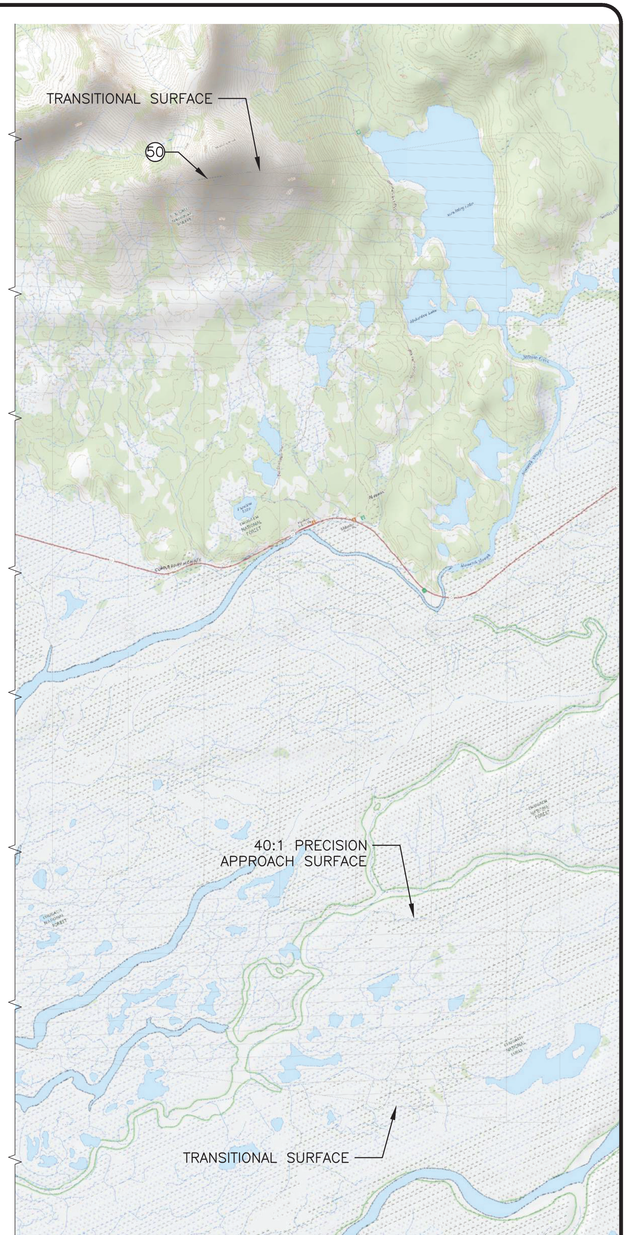
MERLE K. "MUDHOLE" SMITH AIRPORT
CORDOVA, ALASKA
TERMINAL AREA PLAN

SHEET 10 OF 15

CDV_10_TERMINAL AREA PLAN-TERMINAL AREA PLAN ULTIMATE



NOTES:

1. BRUSH SURROUNDING RUNWAYS 9–27 AND 18–36 PENETRATES THE PRIMARY SURFACE.
2. SEE SHEET 13 FOR OBSTRUCTION TABLE.

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STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
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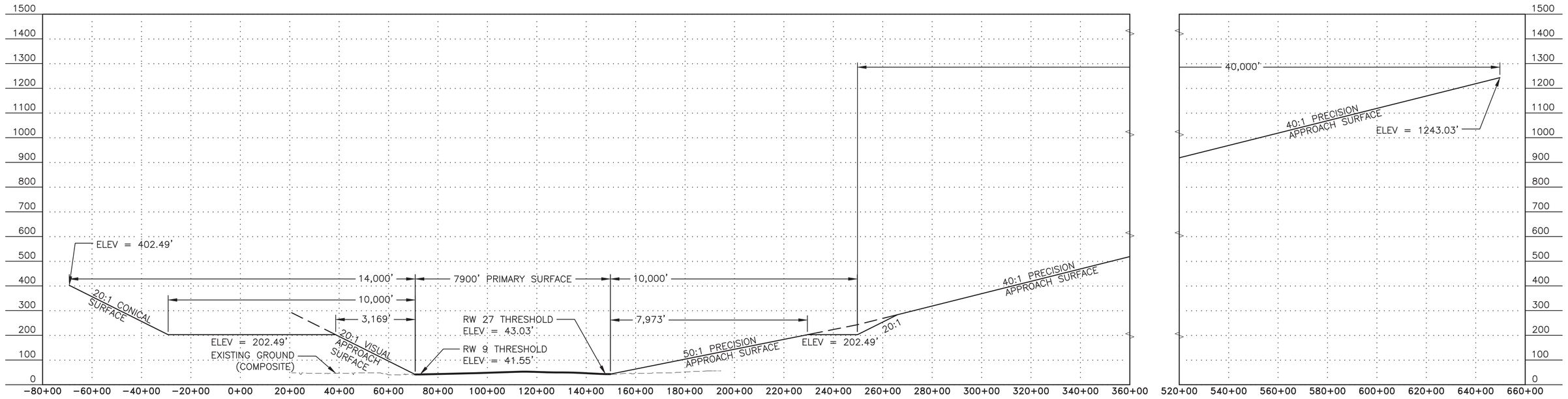
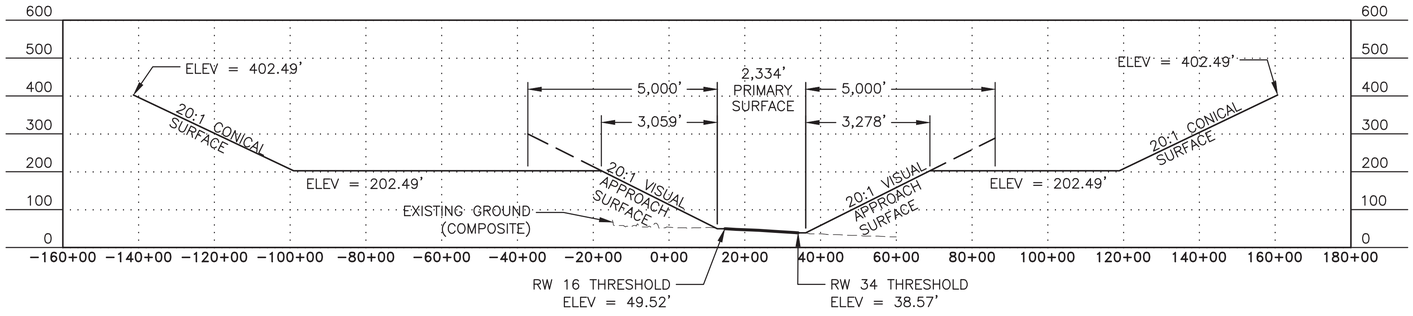
MERLE K. "MUDHOLE" SMITH AIRPORT
CORDOVA, ALASKA
AIRPORT AIRSPACE PLAN

SHEET 11 OF 15



RUNWAY 9–27 AIRSPACE PROFILE

2000 0 2000 4000
SCALE IN FEET



RUNWAY 16–34 AIRSPACE PROFILE

CDV_11 & 12 & 13_AIRPORT AIRSPACE DRAWINGS–AIRPORT AIRSPACE PROFILES

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MERLE K. "MUDHOLE" SMITH AIRPORT
CORDOVA, ALASKA
AIRPORT AIRSPACE PROFILES

SHEET 12 OF 15

FAR PART 77 SURFACE OBSTRUCTION TABLE

ID #	DESCRIPTION	STATION	OFFSET	ELEV	SURFACE PENETRATED	SURFACE ELEV	SURFACE PENETRATION	DISPOSITION
1	TREES	94+29	10,535 LT	272	CONICAL	229	43	REMOVE
2	TREES	111+75	10,107 LT	211	CONICAL	202	9	REMOVE
3	TREES	136+43	6,352 LT	347	CONICAL	212	135	REMOVE
4	TREES	201+96	8,682 LT	221	CONICAL	207	14	REMOVE
5	TREES	57+10	858 LT	96	DEPARTURE	81	15	REMOVE
6	ROAD	64+19	577 LT	64	DEPARTURE	57	7	REMAIN
7	TREE	70+76	549 LT	52	DEPARTURE	51	1	REMOVE
8	TREE	72+10	500 RT	52	DEPARTURE	46	6	REMOVE
9	TREES	75+64	981 LT	138	TRANSITIONAL	132	6	REMOVE
10	TREES	87+76	1,085 LT	154	TRANSITIONAL	125	29	REMOVE
11	TREES	92+77	1,023 LT	168	TRANSITIONAL	121	47	REMOVE
12	TREES	99+11	1726 LT	188	APPROACH	178	10	REMOVE
13	ANTENNA	118+67	917 LT	112	TRANSITIONAL	102	10	REMAIN
14	ANTENNA	120+79	976 LT	135	TRANSITIONAL	111	24	REMAIN
15	TREES	102+44	1,281 RT	159	TRANSITIONAL	154	5	REMOVE
16	TREES	116+98	2,615 RT	124	TRANSITIONAL	119	5	REMOVE
17	TREES	120+44	2,418 RT	145	TRANSITIONAL	50	95	REMOVE
18	ANTENNA	119+82	968 LT	123	TRANSITIONAL	109	14	REMAIN
19	TREES	118+17	1,131 LT	167	TRANSITIONAL	137	30	REMOVE
20	TREE	136+72	1194 LT	154	TRANSITIONAL	153	1	REMOVE
21	TREE	135+27	937 LT	108	TRANSITIONAL	105	3	REMOVE
22	TERRAIN	113+52	190 LT	53	PRIMARY	52	1	REMOVE
23	TERRAIN	121+13	910 RT	41	PRIMARY	40	1	REMOVE
24	TREES	119+73	1,140 LT	178	TRANSITIONAL	137	41	REMOVE
25	ANTENNA	121+18	1,022 LT	125	TRANSITIONAL	117	8	REMAIN
26	ANTENNA	121+73	952 LT	123	TRANSITIONAL	107	16	REMAIN
27	ROTATING BEACON	126+41	996 LT	180	TRANSITIONAL	113	67	REMAIN
28	TREES	145+10	1,230 LT	159	TRANSITIONAL	141	18	REMOVE
29	TREES	127+16	1,428 RT	159	TRANSITIONAL	147	12	REMOVE
30	TREES	127+93	2,268 RT	130	TRANSITIONAL	128	2	REMOVE
31	TREES	124+44	3,379 RT	125	APPROACH	69	56	REMOVE
32	TREE	167+38	3618 LT	203	HORIZONTAL	202	1	REMOVE
33	TREE	169+52	3,605 LT	204	HORIZONTAL	202	2	REMOVE
34	TREE	136+72	1,194 LT	146	TRANSITIONAL	142	4	REMOVE
35	TREES	138+08	1,004 LT	180	TRANSITIONAL	108	72	REMOVE
36	TREES	141+17	950 LT	186	TRANSITIONAL	124	62	REMOVE
37	ANTENNA	152+18	456 LT	76	APPROACH	48	28	REMOVE
38	TREES	153+92	1,016 LT	122	TRANSITIONAL	116	6	REMOVE
39	TREE	144+61	1,184 RT	152	TRANSITIONAL	141	11	REMOVE
40	TREES	161+00	770 RT	92	TRANSITIONAL	81	11	REMOVE
41	TREES	171+47	972 LT	108	TRANSITIONAL	107	1	REMOVE
42	TREES	183+94	178 RT	150	APPROACH	126	24	REMOVE
43	TREE	159+32	671 RT	75	DEPARTURE	72	3	REMOVE
44	TREES	166+65	895 RT	130	DEPARTURE	113	17	REMOVE
45	TREES	170+44	851 LT	138	DEPARTURE	127	11	REMOVE
46	TREES	192+85	154 LT	142	APPROACH	130	12	REMOVE
47	TREES	188+24	1,284 LT	179	DEPARTURE	154	25	REMOVE
48	TREES	193+31	125 LT	142	APPROACH	137	5	REMOVE
49	TREES	192+71	656 RT	168	APPROACH	135	33	REMOVE
50	TERRAIN	568+38	11,835 LT	1,775	TRANSITIONAL	1750	25	REMAIN

NOTES:

1. OBSTRUCTIONS LISTED IN THE AERONAUTICAL SURVEY REPORT DATED OCTOBER, 2019 FROM LOUNSBURY & ASSOCIATES WERE ANALYZED AND INCLUDED IN THESE TABLES.
2. WHERE CLUSTERS OF SIMILAR OBSTRUCTIONS WERE FOUND, REPRESENTATIVE POINTS ARE LISTED. THE ELEVATION OF THE HIGHEST OBJECT IN THE CLUSTER IS LISTED.

DESIGN REH
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STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
NORTHERN REGION-AVIATION
APPROVED: _____ DATE 9/13/2023
ALBERT M.L. BECK, P.E. PROJECT DELIVERY LEAD

BY	DATE	NO.	REVISIONS	FAA

BY	DATE	NO.	REVISIONS	FAA

MERLE K. "MUDHOLE" SMITH AIRPORT
CORDOVA, ALASKA
AIRPORT AIRSPACE OBSTRUCTIONS

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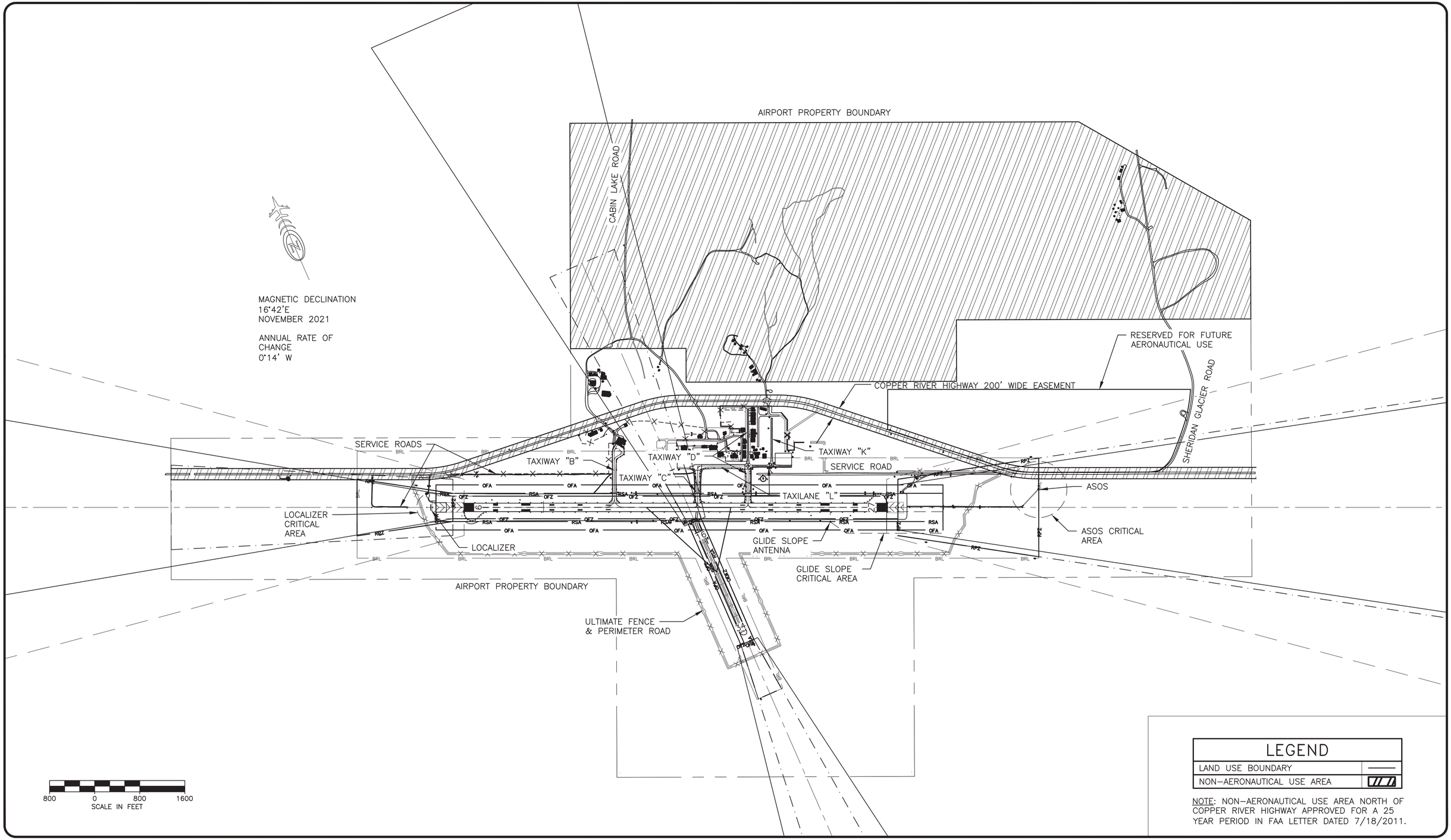

LEGEND	
LAND USE BOUNDARY	———
NON–AERONAUTICAL USE AREA	▨

NOTE: NON–AERONAUTICAL USE AREA NORTH OF COPPER RIVER HIGHWAY APPROVED FOR A 25 YEAR PERIOD IN FAA LETTER DATED 7/18/2011.

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STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
NORTHERN REGION–AVIATION
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ALBERT M.L. BECK, P.E. PROJECT DELIVERY LEAD

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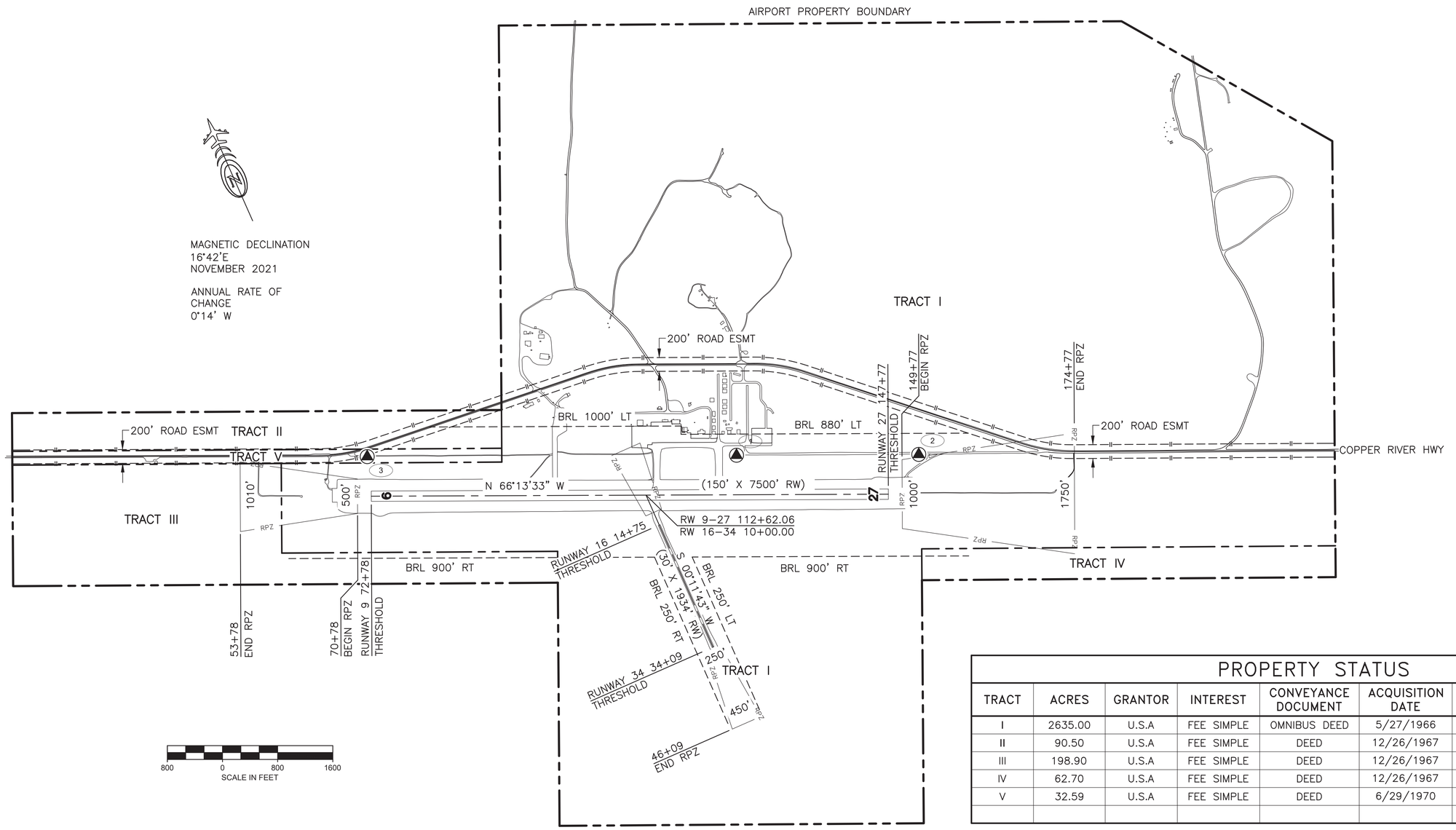
BY	DATE	NO.	REVISIONS	FAA

MERLE K. "MUDHOLE" SMITH AIRPORT
CORDOVA, ALASKA
LAND USE PLAN

SHEET 14 OF 15

CDV_14_LAND USE PLAN–LAND USE PLAN



PROPERTY STATUS

TRACT	ACRES	GRANTOR	INTEREST	CONVEYANCE DOCUMENT	ACQUISITION DATE	FAA GRANT NO.	RECORDING INFORMATION
I	2635.00	U.S.A	FEE SIMPLE	OMNIBUS DEED	5/27/1966	N/A	BK 29 PG 12
II	90.50	U.S.A	FEE SIMPLE	DEED	12/26/1967	N/A	BK 31 PG 51
III	198.90	U.S.A	FEE SIMPLE	DEED	12/26/1967	N/A	BK 31 PG 51
IV	62.70	U.S.A	FEE SIMPLE	DEED	12/26/1967	N/A	BK 31 PG 51
V	32.59	U.S.A	FEE SIMPLE	DEED	6/29/1970	N/A	BK 35 PG 14

PLANS DEVELOPED BY: LOUNSBURY & ASSOCIATES, 3230 'C' STREET, SUITE 201, ANCHORAGE, AK 99503 (907)272-5451 CERTIFICATE OF AUTHORIZATION NO. AECC391

CDV_15_PROPERTY MAP Edited-PROPERTY MAP

DESIGN

DRAWN MLH

CHECKED JMG

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

APPROVED: _____ DATE 9/13/2023
ALBERT M.L. BECK, P.E. PROJECT DELIVERY LEAD

BY	DATE	NO.	REVISIONS	FAA

BY	DATE	NO.	REVISIONS	FAA

MERLE K. "MUDHOLE" SMITH AIRPORT
CORDOVA, ALASKA
PROPERTY MAP

SHEET 15 OF 15