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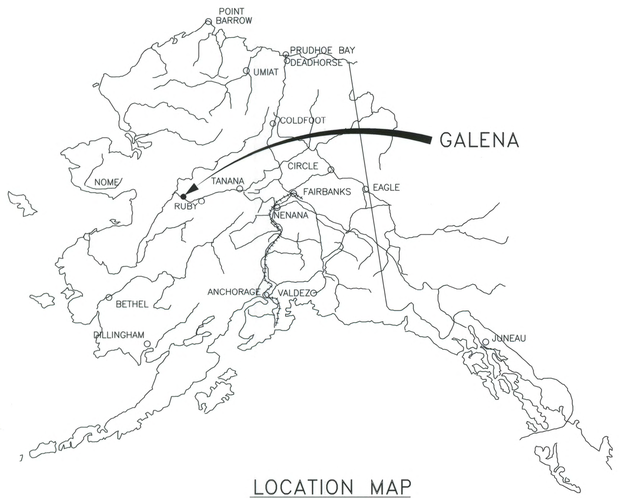
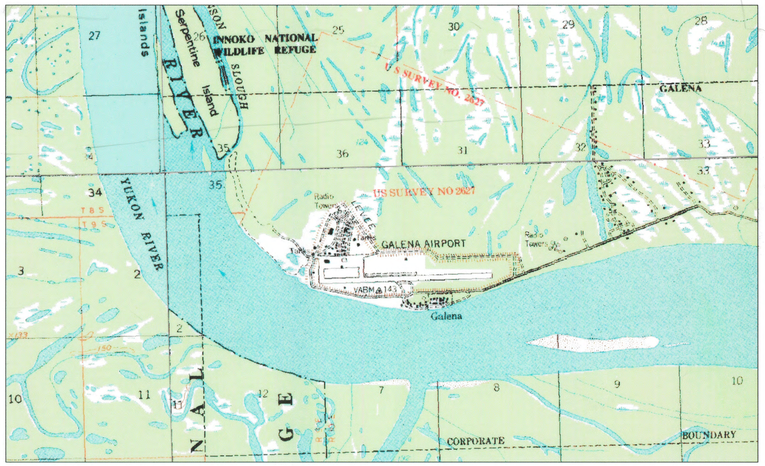


LOCATION MAP

EDWARD G. PITKA, SR AIRPORT

AIRPORT LAYOUT PLAN

GALENA, ALASKA



VICINITY MAP

T9S, R10E, SEC. 5 & 6; T9S, R9E, SEC. 1; T8S, R9E, SEC. 35 & 36; & T8S, R10E, SEC. 31 KATEEL RIVER MERIDIAN U.S.G.S. NULATO C-2, C-3, D-2, & D-3, ALASKA

LEGEND

ITEM	EXISTING	ULTIMATE
BUILDING RESTTRICTION LINE (B.R.L.)	BRL	SAME
RUNWAY SAFETY AREA (RSA)	RSA	RSA
RUNWAY OBSTACLE FREE ZONE (OFZ)	OFZ	OFZ
RUNWAY OBJECT FREE AREA (ROFA)	ROFA	ROFA
RUNWAY PROTECTION ZONE (RPZ)	RPZ	RPZ
AIRPORT REFERENCE POINT (ARP)		
THRESHOLD LIGHTS		SAME
SUPPLEMENTAL WIND CONE		SAME
WIND CONE & SEGMENTED CIRCLE		SAME
VASI		SAME
ROTATING BEACON		
AWOS		SAME
SURVEY MONUMENT		SAME
ROADWAYS		SAME
EXISTING BUILDING		SAME
FENCE	--X---X---X---X---X--	SAME

SHEET INDEX

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	AIRPORT DATA SHEET (1 OF 2)
3	AIRPORT DATA SHEET (2 OF 2)
4	EXISTING AIRPORT LAYOUT PLAN R/W 7-25
5	ULTIMATE AIRPORT LAYOUT PLAN R/W 7-25
6	EXISTING & ULTIMATE AIRPORT LAYOUT PLAN R/W 6-24
7	EXISTING INNER APPROACH SURFACE R/W 7-25
8	ULTIMATE INNER APPROACH SURFACE R/W 7-25
9	EXISTING INNER APPROACH SURFACE R/W 6-24
10	SURFACE OBSTRUCTIONS TABLE
11	AIRPORT AIRSPACE (FAR PART 77) PLAN
12	AIRPORT AIRSPACE (FAR PART 77) PROFILE
13	AIRPORT LAND USE
14	AIRPORT PROPERTY PLAN

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

APPROVED: Albert M. Beck DATE 7/11/16
ALBERT M.L. BECK, P.E. DESIGN GROUP CHIEF

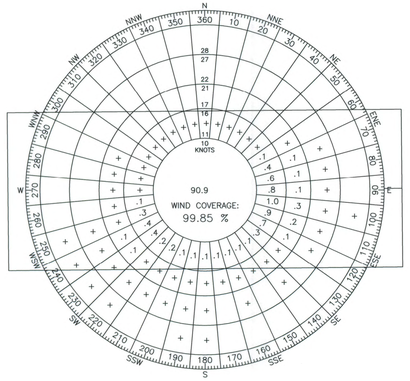
AIRPORT LAYOUT PLAN CONDITIONAL APPROVAL SUBJECT TO ALP APPROVAL LETTER DATED 7/27/16
FAA AIRSPACE REVIEW NUMBER: 2016-AAL-39-NRA

Pat Oui DATE 2/27/16
FAA, AIRPORTS DIVISION ALASKAN REGION, AAL-612

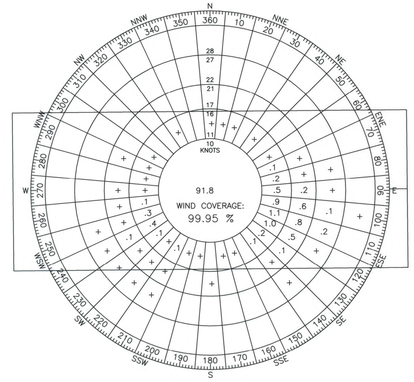
BY	DATE	REVISIONS

EDWARD G. PITKA, SR AIRPORT
GALENA, AK
COVER SHEET

SHEET 1 OF 14



ALL-WEATHER



INSTRUMENT METEOROLOGICAL CONDITION

WIND DATA

RUNWAY	7-25 (C-III)
CROSSWIND COMPONENT	16 KNOTS
WIND COVERAGE	99.85%

SOURCE: NATIONAL WEATHER SERVICE/MESOWEST
STATION NAME: GALENA AIRPORT
NETWORK ID: 702220
PERIOD: 2006-2015
SAMPLED IN MILES PER HOUR

NOTES:

1. THIS DRAWING SET IS A COMPILATION OF GROUND SURVEY AND AERIAL MAPPING DATA COLLECTED DURING THE 2013 SEASON IN SUPPORT OF FAA AERONAUTICAL SURVEY # 137010.
2. THE HORIZONTAL COORDINATE SYSTEM FOR THIS PROJECT IS NAD 83 (2011)(EPCH 2010) ALASKA STATE PLANE ZONE 6, US FEET. VERTICAL DATUM FOR THIS PROJECT IN NAVD 88 (GEOID 12A).
3. PACS AND SACS POSITIONS SHOWN IN HERE ARE BASED ON NATIONAL GEODETIC SURVEY (NGS) PUBLISHED POSITIONS.
4. RUNWAY STATIONING WAS ESTABLISHED BASED ON THE STATIONING OF 2013 PROPERTY PLAN.
5. RUNWAY 6-24 PROHIBITED FROM SIMULTANEOUS OPERATIONS WITH RUNWAY 7-25.

AIRPORT DATA

ITEM	RUNWAY 7-25	
	EXISTING	ULTIMATE
ICAO IDENTIFIER	PAGA	SAME
NATIONAL AIRPORT IDENTIFIER	GAL	SAME
FAA SITE NUMBER	50258.*A	SAME
AIRPORT REFERENCE CODE (ARC)	C-III	B-III
NPIAS SERVICE LEVEL (P, CS, R, GA)	P	SAME
AIRPORT ELEVATION (NAVD88)	152.2'	154.7'
MEAN MAX. TEMPERATURE, HOTTEST MONTH	67.9° F (JULY)	SAME
OBSTRUCTION SURVEY SOURCE & TYPE	PIR (TO BE ACQUIRED)	SAME
MAGNETIC DECLINATION, YEAR, RATE OF CHANGE	15°4'E, 2015, 0°23'W PER YEAR	N/A
AIRPORT AND TERMINAL NAVIGATION AIDS	ROTATING BEACON, VOR/DME, NDB	ROTATING BEACON, VOR/DME
MISCELLANEOUS FACILITIES	AWOS, LIGHTED WIND CONE, RUNWAY LIGHTING, TAXIWAY LIGHTING	SAME
AWOS CRITICAL AREA (DIA)	1000 FT	SAME
STATE EQUIVALENT ROLE	REGIONAL	SAME

RUNWAY DATA

ITEM	RUNWAY 7-25		RUNWAY 6-24	
	EXISTING	ULTIMATE	EXISTING	ULTIMATE
FAR PART 77 APPROACH CATEGORY (UTILITY, OTHER THAN UTILITY)	OTHER THAN UTILITY	OTHER THAN UTILITY	UTILITY	SAME
FAR PART 77 APPROACH TYPE (V, C, NPA, PA)	NPA	SAME	V	SAME
FAR PART 77 APPROACH SLOPE	34:1	34:1	20:1	SAME
RUNWAY DESIGN CODE (RDC)	C-III-4000	B-III-4000	A-I-VIS	SAME
APPROACH REFERENCE CODE (ARC)	C/III/4000	B/III/4000	A/I/VIS	SAME
DEPARTURE REFERENCE CODE (DRC)	C/III	B/III	N/A	SAME
CRITICAL AIRCRAFT	BOEING 727-200	DEHAVILLAND DASH-8	CESNA 178	SAME
FAR PART 77 APPROACH SLOPE	34:1	SAME	20:1	SAME
APPROACH TSS SLOPE	20:1	SAME	15:1	SAME
DEPARTURE SURFACE SLOPE	40:1	SAME	N/A	SAME
RUNWAY SURFACE MATERIAL TYPE	ASPHALT/CONCRETE	ASPHALT	GRAVEL	SAME
PAVEMENT STRENGTH (SW, DW, DTW x1000lbs)	120(S), 211(D), 341(DT)	120(S), 211(D), 341(DT)	N/A	SAME
PAVEMENT CLASSIFICATION NUMBER	62/F/C/X/T	N/A	N/A	SAME
TRUE MEAN BEARING	N 89°31'33" E	N 89°31'33" E	N 89°30'49" E	SAME
EFFECTIVE GRADE	0.07%	0.10%	0.04%	SAME
RUNWAY TOUCHDOWN ZONE ELEVATIONS (NAVD88)	149.3'/152.2'	152.1'/153.9'	N/A	SAME
RUNWAY DIMENSIONS	150'x7257'	100'x6000'	80'x2794'	SAME
DISPLACE THRESHOLD DIMENSIONS	150'x6657'	100'x4800'	N/A	SAME
RUNWAY SAFETY AREA (RSA) DIMENSIONS	500'x8200'	300'x7200'	120'x3274'	SAME
RSA LENGTH BEYOND R/W ENDS	100'/843'	600'	240'	SAME
APPROACH RUNWAY PROTECTION ZONE (RPZ) DIMENSIONS	1000'x1700'x1510'	1000'x1700'x1510'	250'x1000'x450'	SAME
DEPARTURE RUNWAY PROTECTION ZONE (RPZ) DIMENSIONS	500'1700'x1010'	500'x1000'x700'	250'X1000'X450'	SAME
RUNWAY OBJECT FREE AREA (ROFA) DIMENSIONS	800'x8457'	800'x7200'	250'x3274'	SAME
ROFA LENGTH BYOND R/W ENDS	600'	600'	240'	SAME
RUNWAY OBSTACLE FREE ZONE (ROFZ) DIMENSIONS	400'x7657'	400'x6400'	120'x3194'	SAME
RUNWAY LIGHTING TYPE	HIRL	MIRL	NONE	SAME
RUNWAY MARKING TYPE (P, NP, NONE)	NP	NP	NONE	SAME
RUNWAY VISUAL MINIMUMS (MILES)	≥ 3/4	SAME	VISUAL	SAME
TYPE OF AERONAUTICAL SURVEY REQUIRED	VGS	SAME	NVGS	SAME
RUNWAY VISUAL AND INSTRUMENT NAVAIDS	VOR/DME, VASI-12, REIL(7)	VOR/DME	NONE	SAME
TAXIWAY LIGHTING	MITL	MITL	NONE	SAME

TAXIWAY DATA TABLE

	EXISTING					ULTIMATE				
T/W	WIDTH	LENGTH	TSA WIDTH	TOFA	ADG/TDG	WIDTH	LENGTH	TSA WIDTH	TOFA	ADG/TDG
A	151'		171'	259'	IV/4	REMOVED				
B	100'	555'	118'	186'	III/3	50'	625'	118'	186'	III/3
C	25'	110'	49'	89'	I/1	25'	550'	49'	89'	I/1
D	120'	551'	171'	259'	IV/4	50'	550'	118'	186'	III/3
E	138'	326'	171'	259'	IV/4	50'	603'	118'	186'	III/3
F	50'	3406'	118'	162'	III/3	50'	4539'	118'	162'	III/3
TAXILANE	50'	1719'	118'	162'	III/3	50'	1795'	118'	162'	III/3

MODIFICATION TO STANDARD

DESCRIPTION	STANDARD	EXISTING	ULTIMATE	AIRSPACE NO.	APPROVAL DATE
NONE REQUIRED					

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

APPROVED: Albert M. Beck
ALBERT M.L. BECK, P.E. — DESIGN GROUP CHIEF — DATE 7/11/16

BY	DATE	NO.	REVISIONS	FAA

BY	DATE	NO.	REVISIONS	FAA

EDWARD G. PITKA, SR AIRPORT
GALENA, AK
AIRPORT DATA SHEET (1 OF 2)

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NON-STANDARD CONDITIONS

ITEM	STANDARD (C-III)	STANDARD (B-III)	EXISTING (C-III)	ULTIMATE (B-III)
R/W 7 RSA LENGTH BEYOND DEPARTURE END	1000'	600'	100'	600'
R/W 25 RSA LENGTH BEYOND DEPARTURE END	1000'	600'	843'	600'
R/W 6-24 AND 7-25 SEPARATION	700'	SAME	213'	SAME
R/W 6-24 LIGHTING	LIRL	LIRL	CONES	SAME

TAXIWAY AND CENTERLINE SEPARATION

ITEM	EXISTING	ULTIMATE
R/W 7-25 CENTERLINE TO R/W 6-24 CENTERLINE	213'	SAME
R/W 7-25 CENTERLINE PARALLEL TAXIWAY CENTERLINE	550'	SAME
R/W 6-24 CENTERLINE PARALLEL TAXIWAY CENTERLINE	343'	SAME

DECLARED DISTANCES

RUNWAY	TORA		TODA		ASDA		LDA	
	EXISTING	ULTIMATE	EXISTING	ULTIMATE	EXISTING	ULTIMATE	EXISTING	ULTIMATE
R/W 7	7257'	6000'	7257'	6000'	7257'	6000'	6657'	5600'
R/W 25	7257'	6000'	7257'	6000'	7257'	6000'	7257'	5200'

PACS & SACS (OR OTHER CONTROL)

DESIGNATION	LATITUDE	LONGITUDE	NORTHING	EASTING	ELEVATION	STATION	OFFSET	DESCRIPTION
GAL A	64°44'15.92" N	156°56'04.52" W	3925492.15'	1806907.49'	146.3'	139+87	637' LT	PACS
GAL B	64°44'16.53" N	156°54'52.05" W	3925607.78'	1810051.97'	148.2'	172+33	674' LT	SACS
GAL C	64°44'04.97" N	156°57'08.10" W	3924334.55'	1804166.29'	144.2'	112+17	451' RT	SACS

GEOGRAPHIC COORDINATES (NAD83) & ELEVATIONS (NAVD88)

ITEM	EXISTING LATITUDE	EXISTING LONGITUDE	EXISTING ELEVATION	ULTIMATE LATITUDE	ULTIMATE LONGITUDE	ULTIMATE ELEVATION
AIRPORT REFERENCE POINT (ARP)	64°44'10.67" N	156°56'12.68" W	N/A	64°44'10.71" N	156°55'59.51" W	N/A
THRESHOLD R/W 7	64°44'09.31" N	156°57'36.24" W	146.7'	64°44'09.42" N	156°57'08.59" W	147.5'
THRESHOLD R/W 25	64°44'09.91" N	156°54'49.09" W	152.2'	64°44'09.90" N	156°54'50.40" W	152.2'
THRESHOLD R/W 6	64°44'11.60" N	156°56'51.68" W	146.4'	SAME	SAME	SAME
THRESHOLD R/W 24	64°44'11.80" N	156°55'47.32" W	148.0'	SAME	SAME	SAME
DISPLACED THRESHOLD R/W 7	64°44'09.37" N	156°57'22.27" W	147.2'	64°44'09.45" N	156°56'59.38" W	147.9'
DISPLACED THRESHOLD R/W 25	N/A	N/A	N/A	64°44'09.84" N	156°55'08.82" W	151.4'

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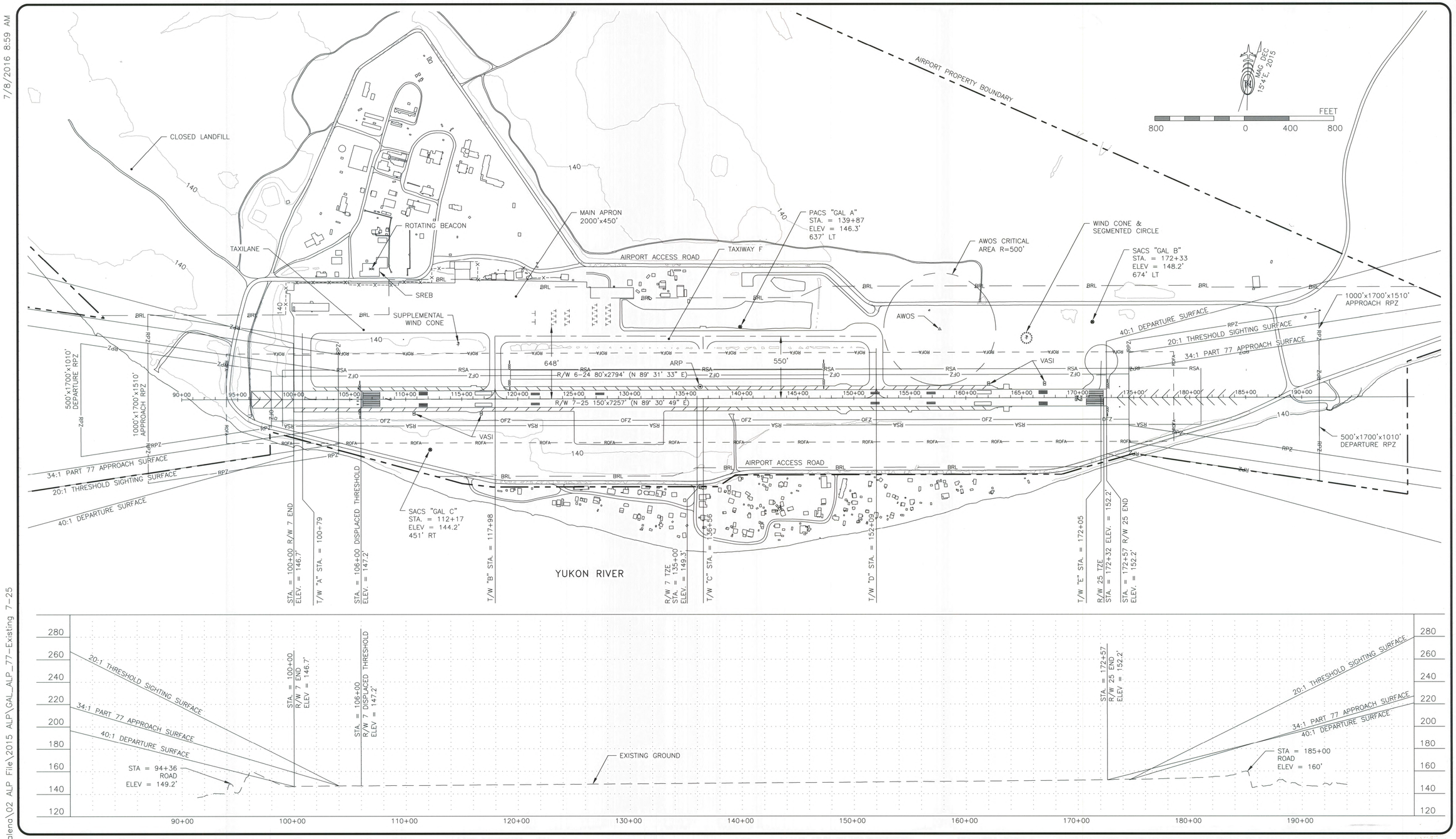

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STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
NORTHERN REGION–AVIATION

APPROVED: ALBERT M.L. BECK, P.E. DATE 7/11/16
DESIGN GROUP CHIEF

BY	DATE	NO.	REVISIONS	FAA

BY	DATE	NO.	REVISIONS	FAA

EDWARD G. PITKA, SR AIRPORT
GALENA, AK
EXISTING AIRPORT LAYOUT PLAN
RUNWAY 7–25

SHEET 4 OF 14

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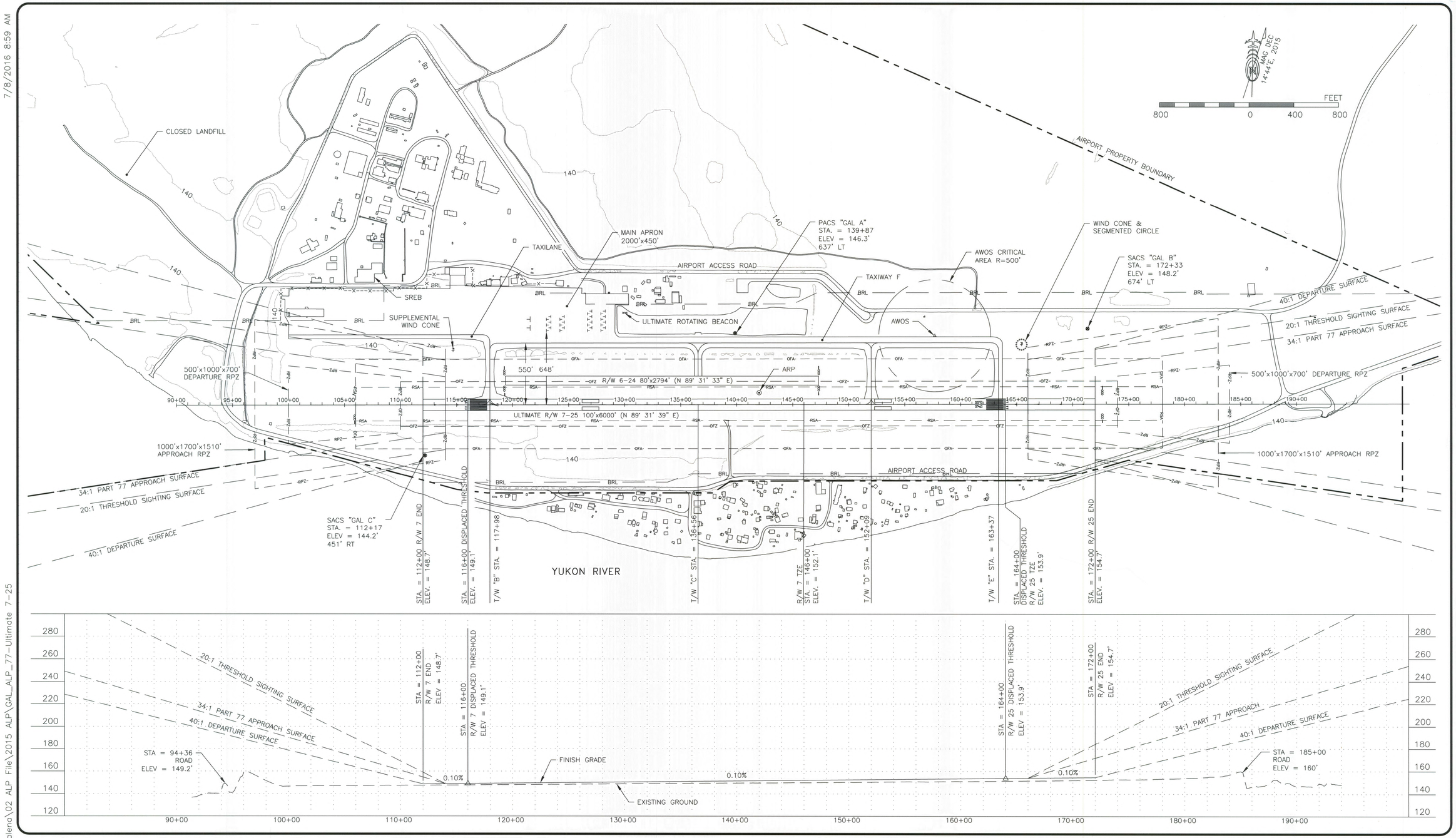

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STATE OF ALASKA
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NORTHERN REGION-AVIATION

APPROVED: DATE 7/6/16
ALBERT M.L. BECK, P.E. DESIGN GROUP CHIEF

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BY	DATE	NO.	REVISIONS	FAA

EDWARD G. PITKA, SR AIRPORT
GALENA, AK
ULTIMATE AIRPORT LAYOUT PLAN
RUNWAY 7-25

SHEET 5 OF 14

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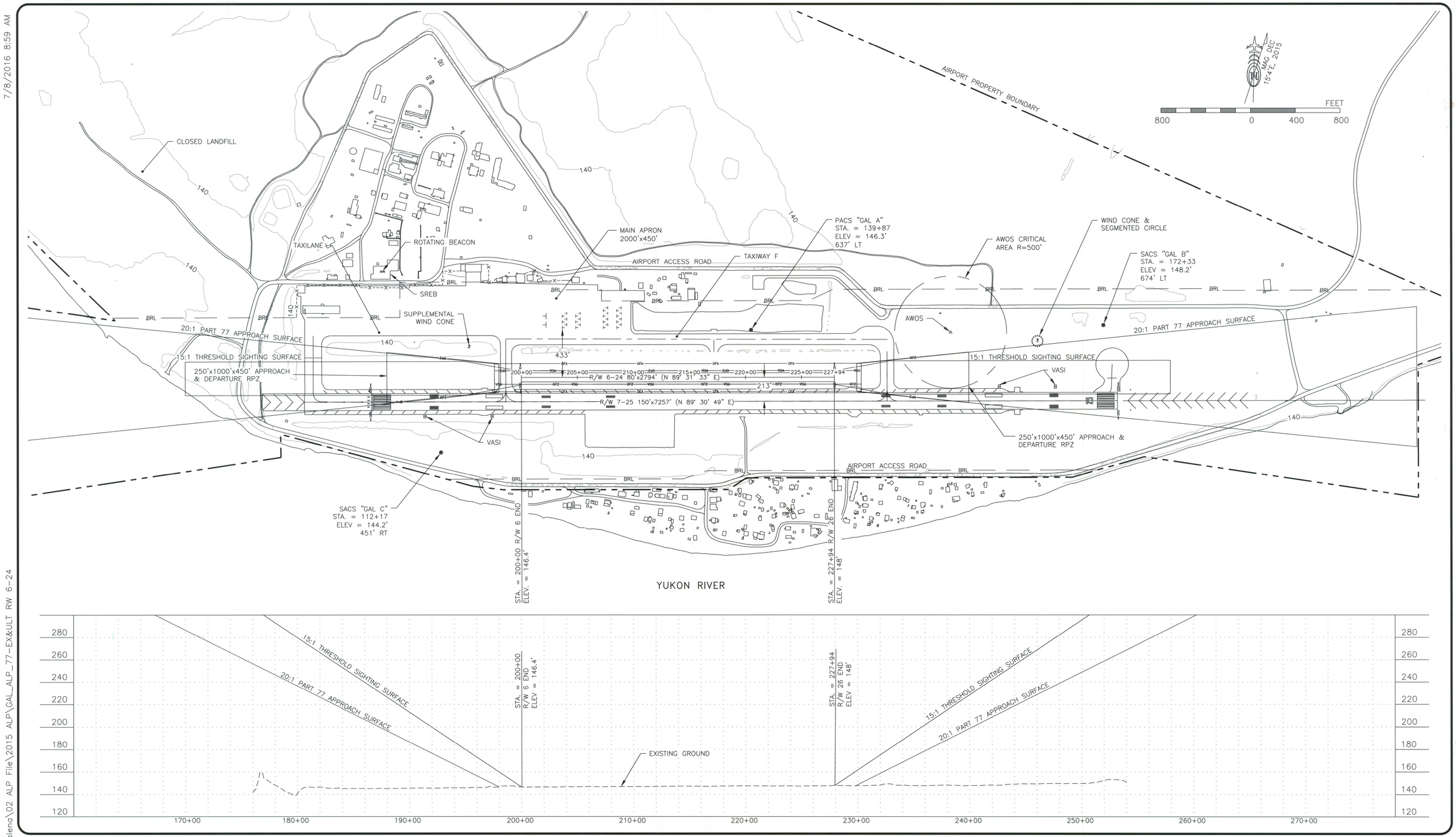

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STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
NORTHERN REGION-AVIATION

APPROVED: Albert M.L. Beck DATE 7/8/16
ALBERT M.L. BECK, P.E. DESIGN GROUP CHIEF

BY	DATE	NO.	REVISIONS	FAA

BY	DATE	NO.	REVISIONS	FAA

EDWARD G. PITKA, SR AIRPORT

GALENA, AK

EXISTING & ULTIMATE AIRPORT LAYOUT PLAN
RUNWAY 6-24

SHEET 6 OF 14

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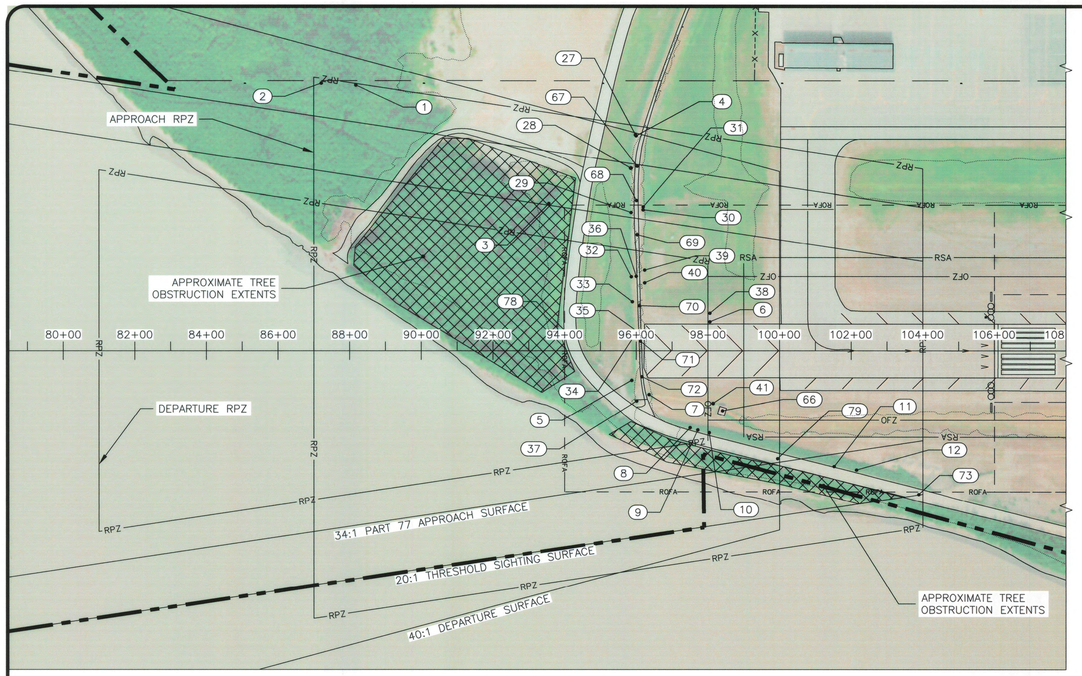
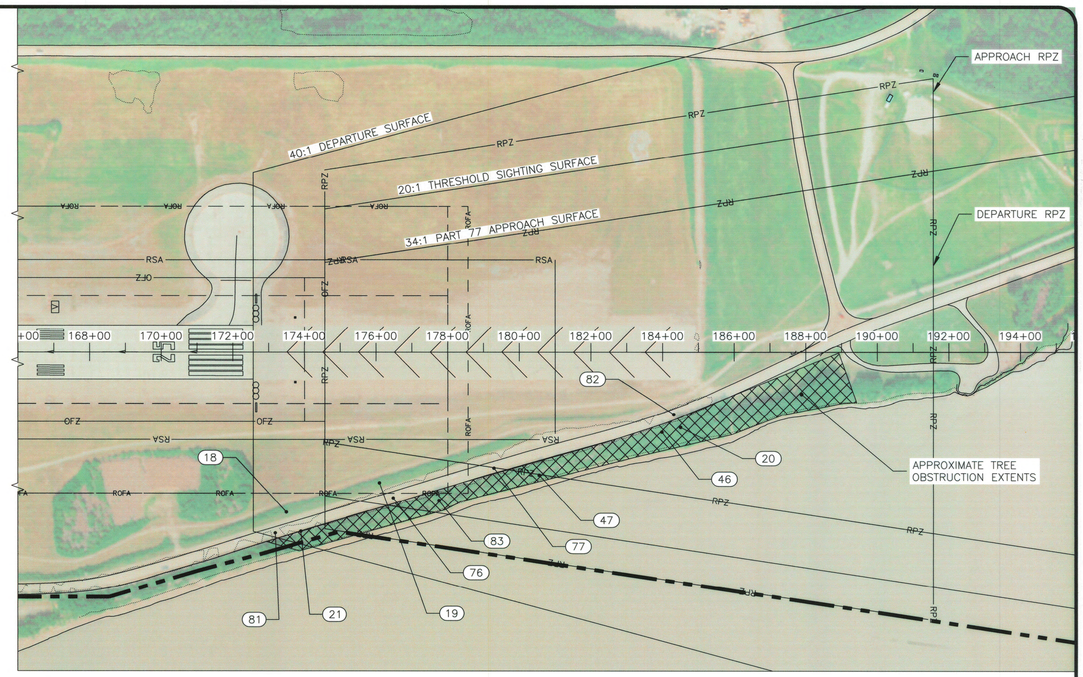


RUNWAY 7 INNER APPROACH PLAN



RUNWAY 25 INNER APPROACH PLAN

MAG. DEC. 15°4'E, 2015

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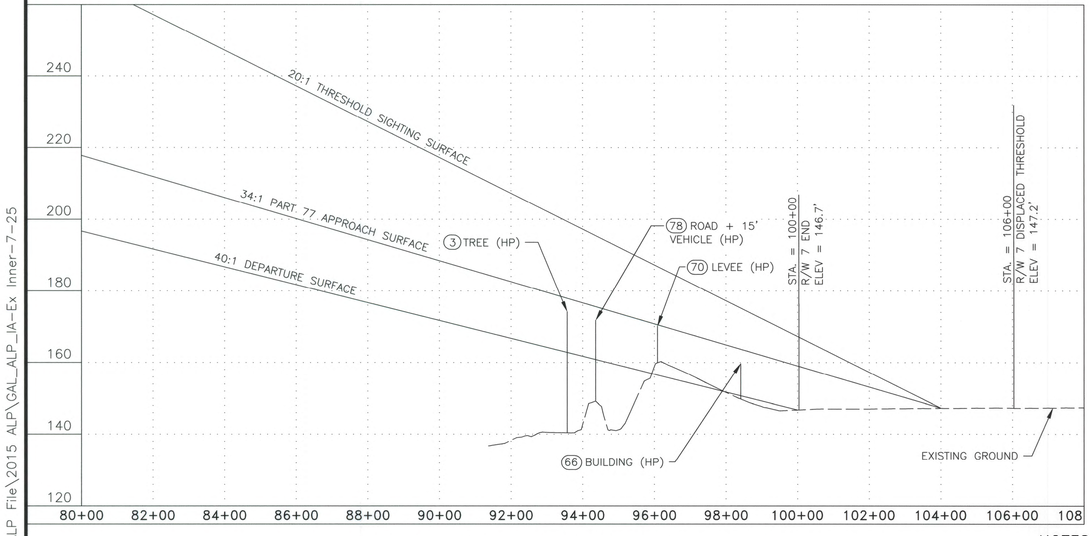
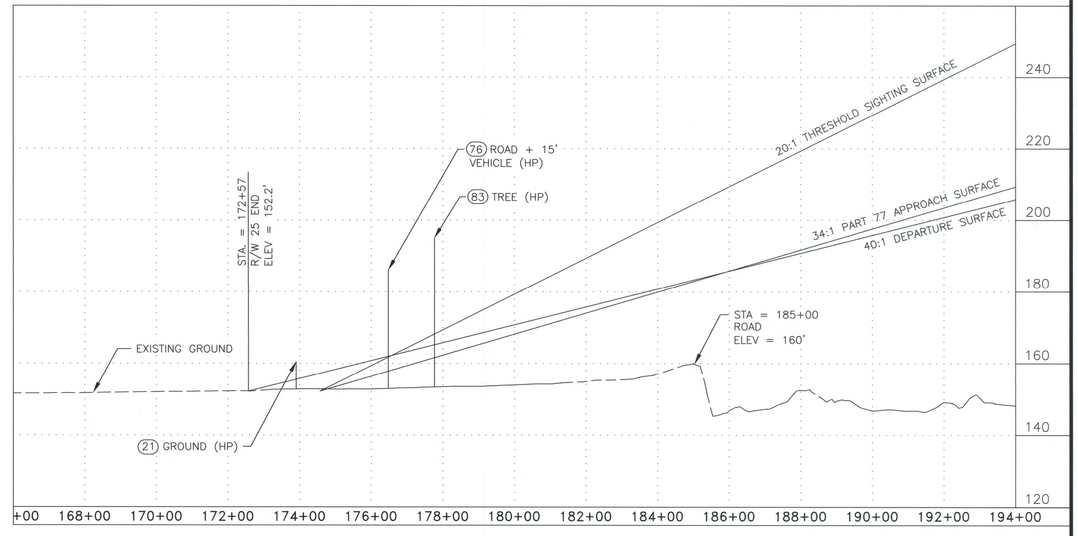


RUNWAY 7 INNER APPROACH PROFILE



RUNWAY 25 INNER APPROACH PROFILE

NOTES:
1. OBSTRUCTION SURVEY SOURCE: FAA AOC, STANTEC, 2012.
2. SEE SHEET 10 FOR SURFACE OBSTRUCTION DATA.

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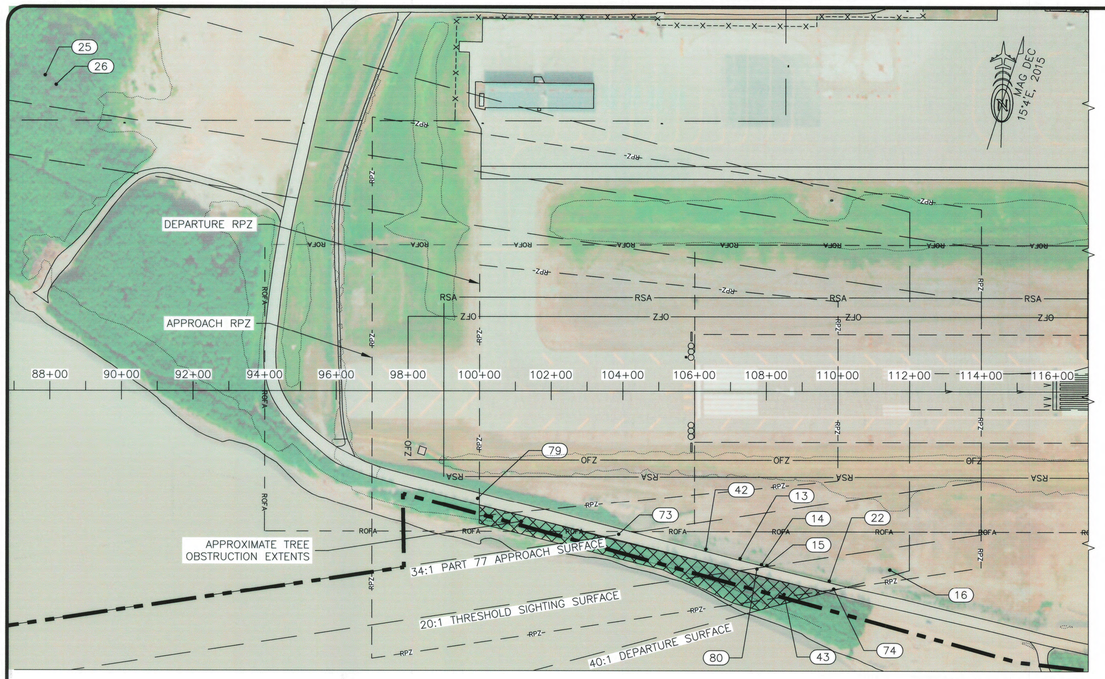
APPROVED: Albert M. Beck DATE 7/11/16
ALBERT M.L. BECK, P.E. DESIGN GROUP CHIEF

BY	DATE	NO.	REVISIONS	FAA

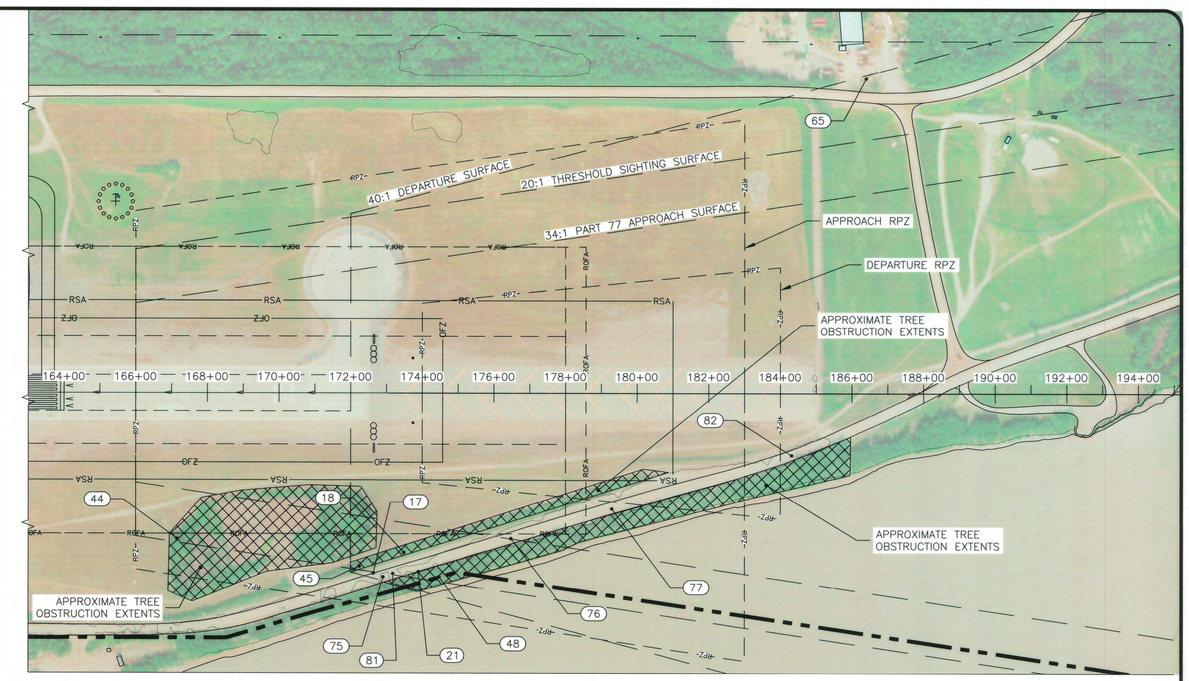
BY	DATE	NO.	REVISIONS	FAA

EDWARD G. PITKA, SR AIRPORT
GALENA, AK
EXISTING INNER APPROACH SURFACE
RUNWAY 7–25

SHEET 7 OF 14



RUNWAY 7 INNER APPROACH PLAN



RUNWAY 25 INNER APPROACH PLAN

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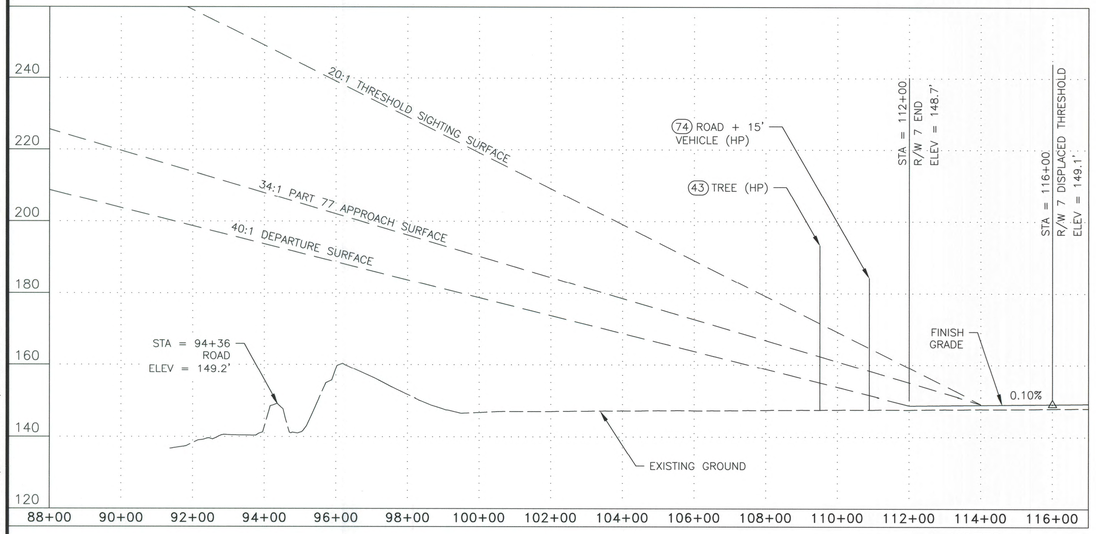
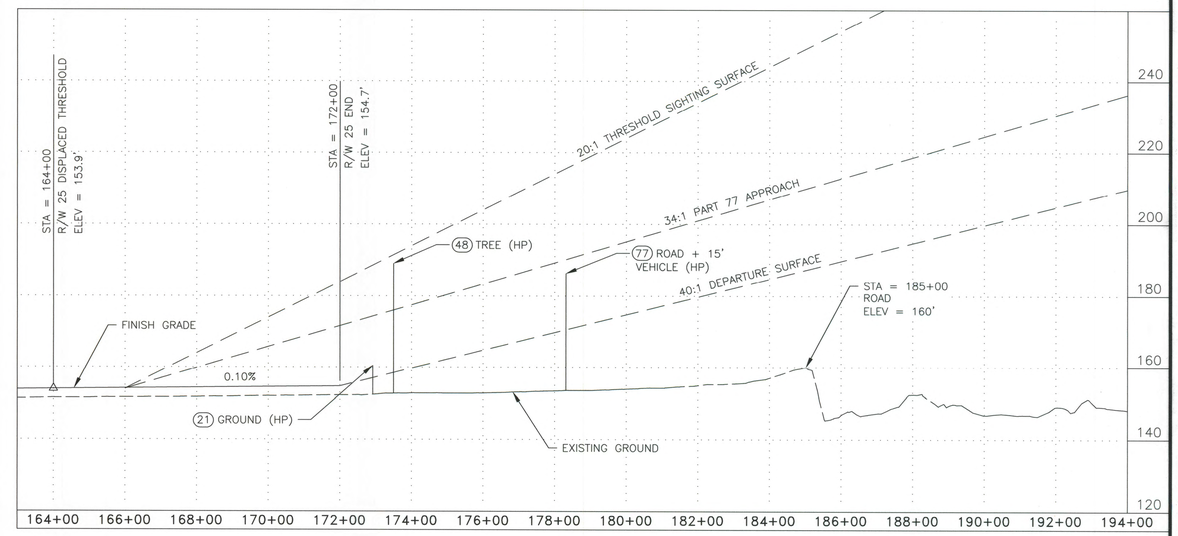


RUNWAY 7 INNER APPROACH PROFILE



RUNWAY 25 INNER APPROACH PROFILE

NOTES:
1. OBSTRUCTION SURVEY SOURCE: FAA AOC, STANTEC, 2012.
2. SEE SHEET 10 FOR SURFACE OBSTRUCTION DATA.

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STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
NORTHERN REGION–AVIATION
APPROVED: DATE 7/11/16
ALBERT M.L. BECK, P.E. DESIGN GROUP CHIEF

BY	DATE	NO.	REVISIONS	FAA

BY	DATE	NO.	REVISIONS	FAA

EDWARD G. PITKA, SR AIRPORT
GALENA, AK
ULTIMATE INNER APPROACH SURFACE
RUNWAY 7–25

SHEET 8 OF 14

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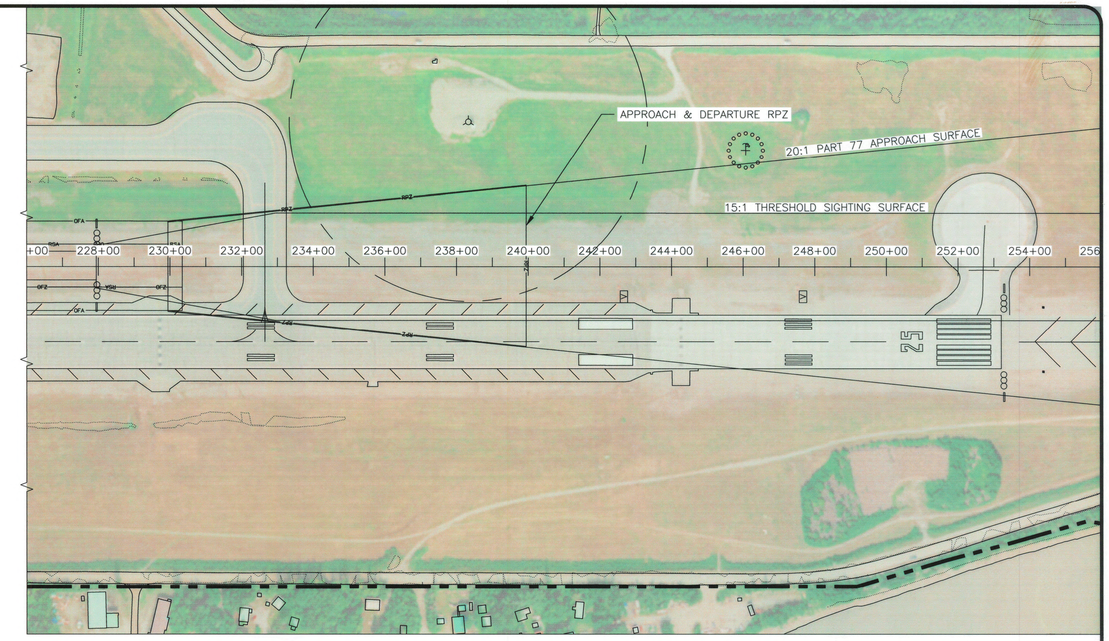
RUNWAY 6 INNER APPROACH PLAN



RUNWAY 24 INNER APPROACH PLAN

MAG DEC 15°E, 2015

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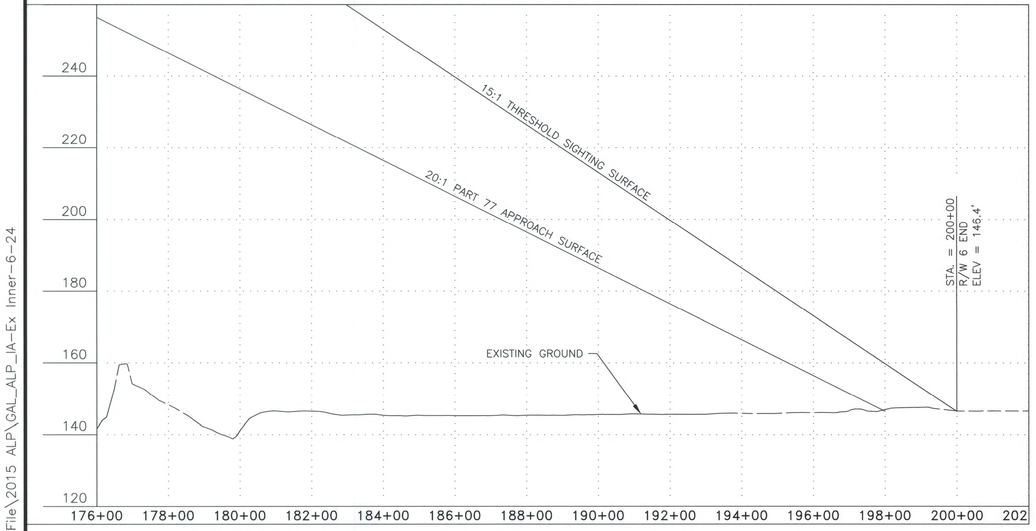
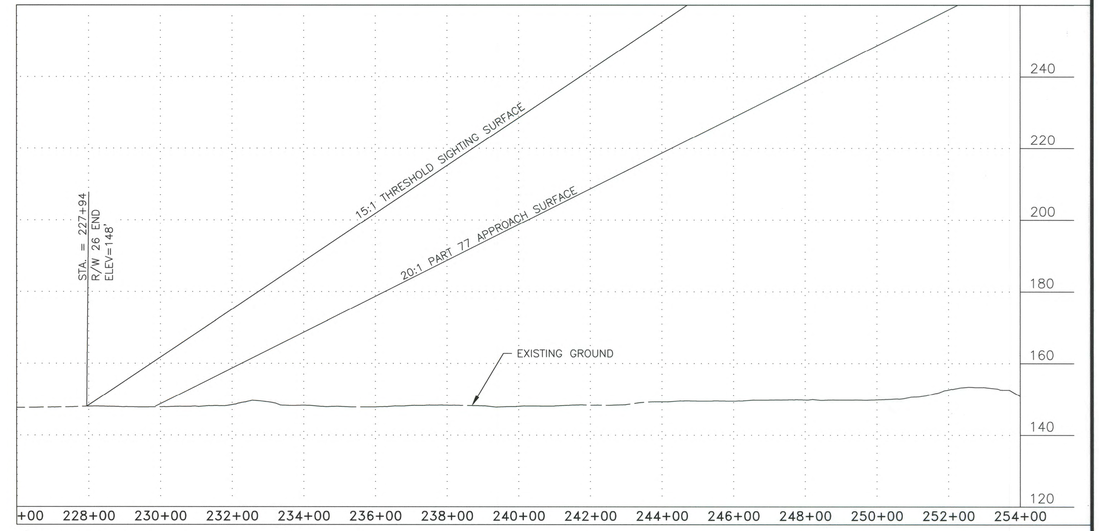


RUNWAY 6 INNER APPROACH PROFILE



RUNWAY 24 INNER APPROACH PROFILE

NOTES:
1. OBSTRUCTION SURVEY SOURCE: FAA AOC, STANTEC, 2012.
2. SEE SHEET 10 FOR SURFACE OBSTRUCTION DATA.

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

APPROVED: DATE 7/11/16
ALBERT M.L. BECK, P.E. DESIGN GROUP CHIEF

BY	DATE	NO.	REVISIONS	FAA

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EDWARD G. PITKA, SR AIRPORT
GALENA, AK
EXISTING INNER APPROACH SURFACE
RUNWAY 6–24

SHEET 9 OF 14

EXISTING SURFACE OBSTRUCTION TABLE

POINT NUMBER	DESCRIPTION	STATION	OFFSET	ELEVATION (FT)	SURFACE ELEVATION (FT)	SURFACE PENETRATED	SURFACE PENETRATION(FT)	DISPOSITION
1	TREE	88+17.79	−769.03	206.85	176.24	DEPARTURE	30.61	SHIFT THRESHOLD
2	TREE	87+21.11	−773.13	203.58	178.64	DEPARTURE	24.94	SHIFT THRESHOLD
3	TREE	93+56.39	−446.84	174.14	162.77	DEPARTURE	11.37	SHIFT THRESHOLD
4	TREE	96+00.44	−621.03	161.75	156.67	DEPARTURE	5.08	SHIFT THRESHOLD
5	TREE	95+87.57	186.05	166.96	156.99	DEPARTURE	9.97	SHIFT THRESHOLD
6	BUSH	98+05.56	−173.29	153.07	151.54	DEPARTURE	1.53	SHIFT THRESHOLD
7	TREE	96+35.53	206	166.10	155.79	DEPARTURE	10.31	SHIFT THRESHOLD
8	TREE	97+50.39	269.08	163.74	152.92	DEPARTURE	10.82	SHIFT THRESHOLD
9	TREE	97+71.81	273.44	162.60	152.38	DEPARTURE	10.22	SHIFT THRESHOLD
10	TREE	98+03.83	280.21	163.64	151.58	DEPARTURE	12.06	SHIFT THRESHOLD
11	TREE	101+52.44	360.38	161.98	159.59	THRESHOLD SITING SURFACE	2.39	SHIFT THRESHOLD
12	TREE	102+14.89	369.62	163.15	156.46	THRESHOLD SITING SURFACE	6.69	SHIFT THRESHOLD
18	TREE	153+49.16	474.52	164.47	154.47	DEPARTURE	10.00	REMOVE
19	TREE	156+09.14	399.18	164.75	159.77	THRESHOLD SITING SURFACE	4.98	SHIFT THRESHOLD
20	TREE	164+50.26	278.21	184.43	181.38	PART 77 APPROACH SURFACE	3.05	SHIFT THRESHOLD
21	GROUND	153+89.45	523.77	160.42	155.47	DEPARTURE	4.95	REMOVE
27	TREE	95+98.39	−623.8	162.40	156.72	DEPARTURE	5.68	SHIFT THRESHOLD
28	TREE	95+85.27	−535.68	165.05	157.05	DEPARTURE	8.00	SHIFT THRESHOLD
29	TREE	95+86.03	−419.88	164.08	157.03	DEPARTURE	7.05	SHIFT THRESHOLD
30	TREE	96+19.39	−426.59	163.59	156.20	DEPARTURE	7.39	SHIFT THRESHOLD
31	TREE	96+19.75	−434.45	164.20	156.19	DEPARTURE	8.01	SHIFT THRESHOLD
32	TREE	95+86.48	−262.32	161.88	157.02	DEPARTURE	4.86	SHIFT THRESHOLD
33	TREE	95+89.35	−212.81	162.61	156.95	DEPARTURE	5.66	SHIFT THRESHOLD
34	TREE	95+92.26	−168.7	164.44	156.87	DEPARTURE	7.57	SHIFT THRESHOLD
35	BUSH	96+02.42	−170.52	161.40	156.62	DEPARTURE	4.78	SHIFT THRESHOLD
36	BUSH	96+00.23	−160.96	160.96	156.67	DEPARTURE	4.29	SHIFT THRESHOLD
37	TREE	95+99.80	217.66	166.88	156.65	DEPARTURE	10.23	SHIFT THRESHOLD
38	BUSH	98+05.68	−185.98	153.31	151.54	DEPARTURE	1.77	SHIFT THRESHOLD
39	TREE	96+23.75	−277.76	162.74	156.09	DEPARTURE	6.65	SHIFT THRESHOLD
40	TREE	96+23.73	−249.94	162.82	156.09	DEPARTURE	6.73	SHIFT THRESHOLD
41	TREE	98+14.65	215.63	158.31	151.31	DEPARTURE	7.00	SHIFT THRESHOLD
46	TREE	183+97.93	286.74	182.02	179.84	PART 77 APPROACH SURFACE	2.18	SHIFT THRESHOLD
47	TREE	180+55.27	383.63	173.94	172.12	DEPARTURE	1.82	SHIFT THRESHOLD
66	BUILDING	98+40.98	230.71	159.69	150.66	DEPARTURE	9.03	SHIFT THRESHOLD
67	LEVEE	96+03.01	−542.47	171.43	156.60	DEPARTURE	14.83	SHIFT THRESHOLD
68	LEVEE	96+00.86	−453.41	171.43	156.66	DEPARTURE	14.77	SHIFT THRESHOLD
69	LEVEE	96+02.78	−366.95	170.66	156.61	DEPARTURE	14.05	SHIFT THRESHOLD
70	LEVEE	96+08.51	−211.84	170.12	156.47	DEPARTURE	13.65	SHIFT THRESHOLD
71	LEVEE	96+11.62	−172.29	170.16	156.39	DEPARTURE	13.77	SHIFT THRESHOLD
72	LEVEE	96+15.86	185.29	170.70	156.28	DEPARTURE	14.42	SHIFT THRESHOLD
73	ROAD + 15' VEHICLE	103+88.76	440.08	183.28	147.77	THRESHOLD SITING SURFACE	35.51	TO REMAIN
76	ROAD + 15' VEHICLE	176+47.75	446.47	186.09	161.70	THRESHOLD SITING SURFACE	24.39	TO REMAIN
77	ROAD + 15' VEHICLE	179+29.07	372.31	186.30	175.77	THRESHOLD SITING SURFACE	10.53	TO REMAIN
78	ROAD + 15' VEHICLE	94+17.96	175.57	171.13	161.23	DEPARTURE	9.90	TO REMAIN
79	ROAD + 15' VEHICLE	99+94.89	351.43	182.98	167.47	THRESHOLD SITING SURFACE	15.51	TO REMAIN
81	ROAD + 15' VEHICLE	173+18.10	536.29	184.83	153.69	DEPARTURE	31.14	TO REMAIN
82	ROAD + 15' VEHICLE	184+31.40	253.86	185.85	180.82	PART 77 APPROACH SURFACE	5.03	TO REMAIN
83	TREE	177+75.56	456.71	195.02	168.09	THRESHOLD SITING SURFACE	26.93	REMOVE

ULTIMATE SURFACE OBSTRUCTION TABLE

POINT NUMBER	DESCRIPTION	STATION	OFFSET	ELEVATION(FT)	SURFACE ELEVATION(FT)	SURFACE PENETRATED	SURFACE PENETRATION(FT)	DISPOSITION
13	TREE	107+27.58	495.9	165.20	160.51	DEPARTURE	4.69	REMOVE
14	TREE	107+87.33	511.75	165.49	159.02	DEPARTURE	6.47	REMOVE
15	TREE	108+02.31	514.19	164.90	158.64	DEPARTURE	6.26	REMOVE
16	TREE	111+45.41	521.38	153.88	150.06	DEPARTURE	3.82	REMOVE
17	GROUND	152+63.70	526.97	159.63	156.29	DEPARTURE	3.34	REMOVE
18	TREE	153+49.16	474.52	164.47	158.43	DEPARTURE	6.04	REMOVE
21	GROUND	153+89.45	523.77	160.42	159.44	DEPARTURE	0.98	REMOVE
22	TREE	109+76.51	553.99	163.52	154.29	DEPARTURE	9.23	REMOVE
23	BUSH	116+04.16	213.97	149.61	149.10	PART 77 PRIMARY SURFACE	0.51	REMOVE
24	BUSH	163+75.13	207.18	153.90	149.58	PART 77 PRIMARY SURFACE	4.32	REMOVE
25	TREE	87+86.32	−903.71	212.40	209.04	DEPARTURE	3.36	REMOVE
26	TREE	88+17.05	−878.53	213.78	208.27	DEPARTURE	5.51	REMOVE
42	TREE	106+31.94	471.69	165.20	162.90	DEPARTURE	2.30	REMOVE
43	TREE	108+50.45	599.49	193.38	157.44	DEPARTURE	35.94	REMOVE
44	TREE	167+15.04	441.21	170.89	159.65	THRESHOLD SITING SURFACE	11.24	REMOVE
45	TREE	172+24.21	510.44	164.24	155.31	DEPARTURE	8.93	REMOVE
48	TREE	174+46.49	546.12	189.00	160.88	DEPARTURE	28.12	REMOVE
49	BUSH	130+03.74	−187.97	149.28	149.24	PART 77 PRIMARY SURFACE	0.04	REMOVE
50	BUSH	131+46.95	−186.01	149.28	149.25	PART 77 PRIMARY SURFACE	0.03	REMOVE
51	BUSH	132+22.63	−186.01	149.38	149.26	PART 77 PRIMARY SURFACE	0.12	REMOVE
52	BUSH	133+91.98	−186.36	149.78	149.28	PART 77 PRIMARY SURFACE	0.50	REMOVE
53	BUSH	136+06.24	−187.02	149.78	149.30	PART 77 PRIMARY SURFACE	0.48	REMOVE
54	BUSH	137+70.07	−187.12	149.78	149.32	PART 77 PRIMARY SURFACE	0.46	REMOVE
55	BUSH	139+05.25	−186.26	149.98	149.33	PART 77 PRIMARY SURFACE	0.65	REMOVE
56	BUSH	140+48.99	−186.89	150.28	149.34	PART 77 PRIMARY SURFACE	0.94	REMOVE
57	BUSH	141+51.02	−186.83	150.28	149.36	PART 77 PRIMARY SURFACE	0.92	REMOVE
58	BUSH	142+43.08	−187.38	150.58	149.36	PART 77 PRIMARY SURFACE	1.22	REMOVE
59	BUSH	143+73.02	−187.08	150.78	149.38	PART 77 PRIMARY SURFACE	1.40	REMOVE
60	BUSH	145+47.02	−187.43	150.38	149.39	PART 77 PRIMARY SURFACE	0.99	REMOVE
61	BUSH	147+29.92	−189.27	149.98	149.41	PART 77 PRIMARY SURFACE	0.57	REMOVE
62	BUSH	147+32.86	−190.15	149.88	149.41	PART 77 PRIMARY SURFACE	0.47	REMOVE
63	BUSH	147+69.88	−188.61	150.38	149.42	PART 77 PRIMARY SURFACE	0.96	REMOVE
64	BUSH	148+92.25	−197.49	150.78	149.43	PART 77 PRIMARY SURFACE	1.35	REMOVE
65	CATENARY	186+39.03	−898.04	194.67	190.68	DEPARTURE	3.99	TO REMAIN
73	ROAD + 15' VEHICLE	103+88.76	440.08	183.28	168.98	DEPARTURE	14.30	TO REMAIN
74	ROAD + 15' VEHICLE	109+88.60	581.62	184.38	153.98	DEPARTURE	30.40	TO REMAIN
75	ROAD + 15' VEHICLE	172+89.93	512.83	184.84	156.97	DEPARTURE	27.87	TO REMAIN
76	ROAD + 15' VEHICLE	176+47.75	446.47	186.09	184.72	PART 77 APPROACH SURFACE	1.37	TO REMAIN
77	ROAD + 15' VEHICLE	179+29.07	372.31	186.30	172.93	DEPARTURE	13.37	TO REMAIN
79	ROAD + 15' VEHICLE	99+94.89	351.43	182.98	178.83	DEPARTURE	4.15	TO REMAIN
80	ROAD + 15' VEHICLE	107+74.54	529.39	183.99	159.34	DEPARTURE	24.65	TO REMAIN
81	ROAD + 15' VEHICLE	173+18.10	536.29	184.83	157.65	DEPARTURE	27.18	TO REMAIN
82	ROAD + 15' VEHICLE	184+31.40	253.86	185.85	**185.48**	DEPARTURE	0.37	TO REMAIN
83	TREE	177+75.56	456.71	195.02	188.48	PART 77 APPROACH SURFACE	6.54	REMOVE

NOTE:
1. OBSTRUCTION SURVEY SOURCE: FAA AOC, STANTEC, 2012.

DESIGN HPF
DRAWN HPF
CHECKED DAP

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
NORTHERN REGION–AVIATION
APPROVED: DATE 7/11/16
ALBERT M.L. BECK, P.E. DESIGN GROUP CHIEF

BY	DATE	NO.	REVISIONS	FAA

BY	DATE	NO.	REVISIONS	FAA

EDWARD G. PITKA, SR AIRPORT
GALENA, AK
SURFACE OBSTRUCTIONS TABLE

SHEET 10 OF 14

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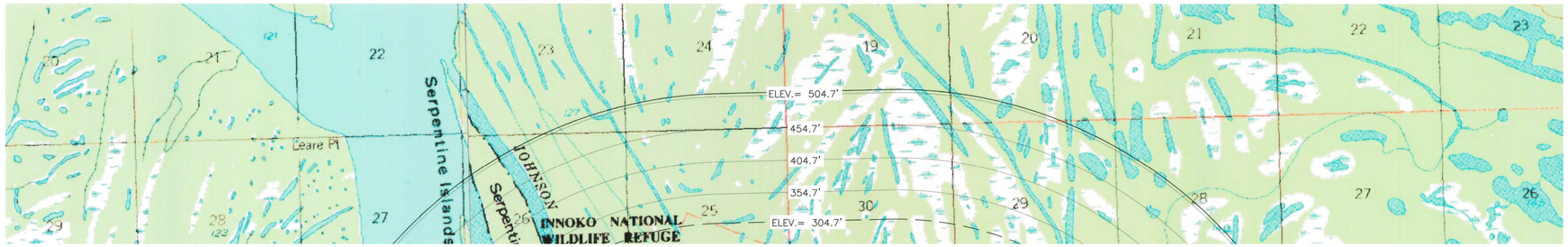

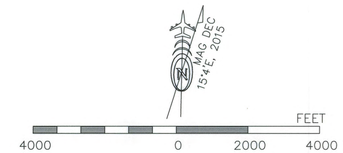

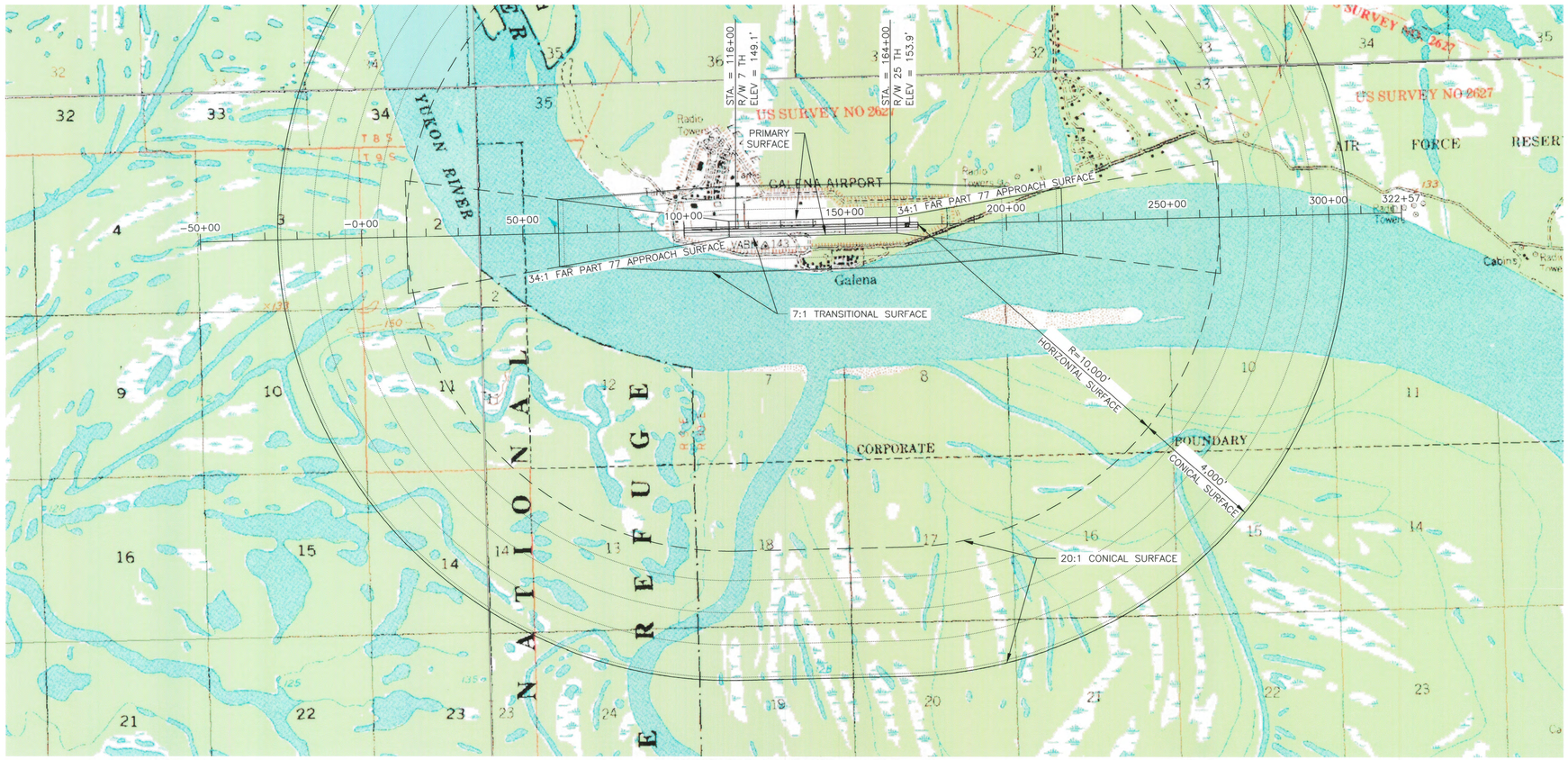

AIRSPACE PLAN

NOTES:

1. SEE SHEETS 7, 8, & 9 FOR INNER APPROACH OBSTRUCTIONS POINTS.
2. SEE SHEET 10 FOR SURFACE OBSTRUCTION DATA.

VICINITY MAP

T9S, R10E, SEC. 5 & 6; T9S, R9E, SEC. 1; T8S, R9E, SEC. 35 & 36; & T8S, R10E, SEC. 31 KATEEL RIVER MERIDIAN U.S.G.S. NULATO C-2, C-3, D-2, & D-3, ALASKA

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

APPROVED: ALBERT M.L. BECK, P.E. DESIGN GROUP CHIEF DATE 7/11/16

BY	DATE	NO.	REVISIONS	FAA

BY	DATE	NO.	REVISIONS	FAA

EDWARD G. PITKA, SR AIRPORT
GALENA, AK
AIRPORT AIRSPACE (FAR PART 77) PLAN

SHEET 11 OF 14

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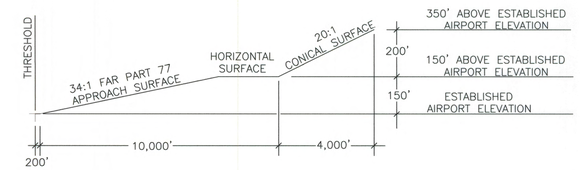
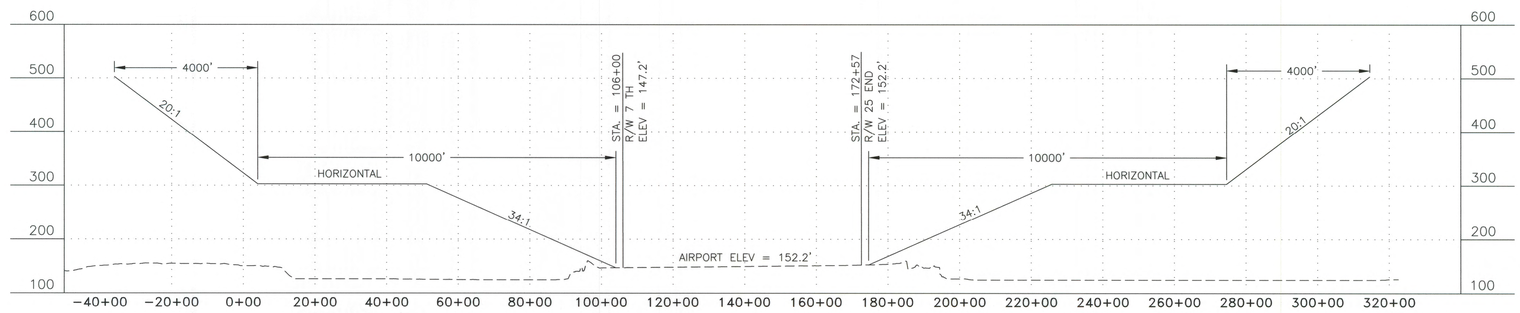
LEGEND

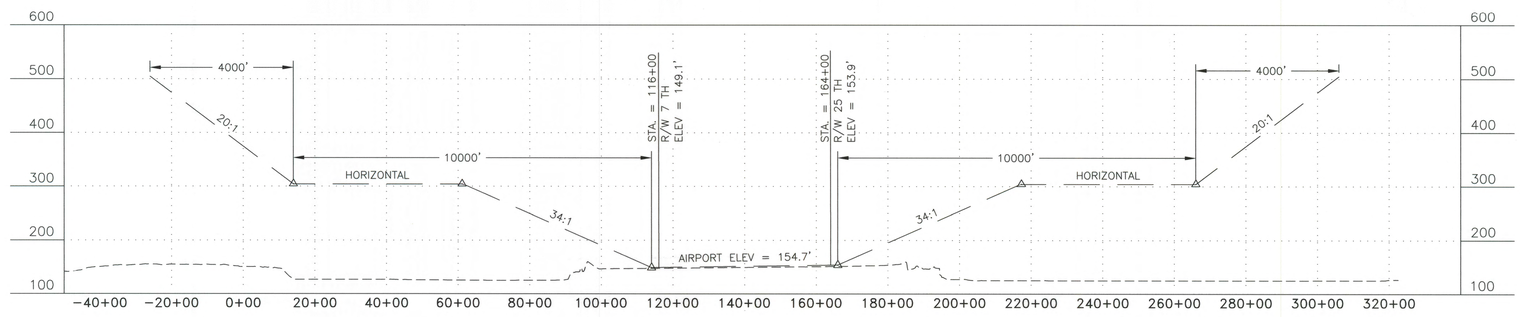
ELEV.= 504.7'	AIRSPACE ELEVATION (SURFACE DIVIDERS)
	AIRSPACE SURFACE DIVIDERS (NON CONTROLLING)
304.7'	AIRSPACE ELEVATION (50' INCREMENTS)
140	EXISTING GROUND ELEVATIONS
—	RUNWAY CENTERLINE (EXTENDED)



AIRSPACE SURFACE DEFINITIONS
NOT TO SCALE



EXISTING R/W 7-25
AIRSPACE PROFILE



ULTIMATE R/W 7-25
AIRSPACE PROFILE

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STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
NORTHERN REGION-AVIATION
APPROVED: ALBERT M.L. BECK, P.E. DATE 7/11/16
DESIGN GROUP CHIEF

BY	DATE	NO.	REVISIONS	FAA

BY	DATE	NO.	REVISIONS	FAA

EDWARD G. PITKA, SR AIRPORT
GALENA, AK
AIRPORT AIRSPACE (FAR PART 77) PROFILE

SHEET 12 OF 14

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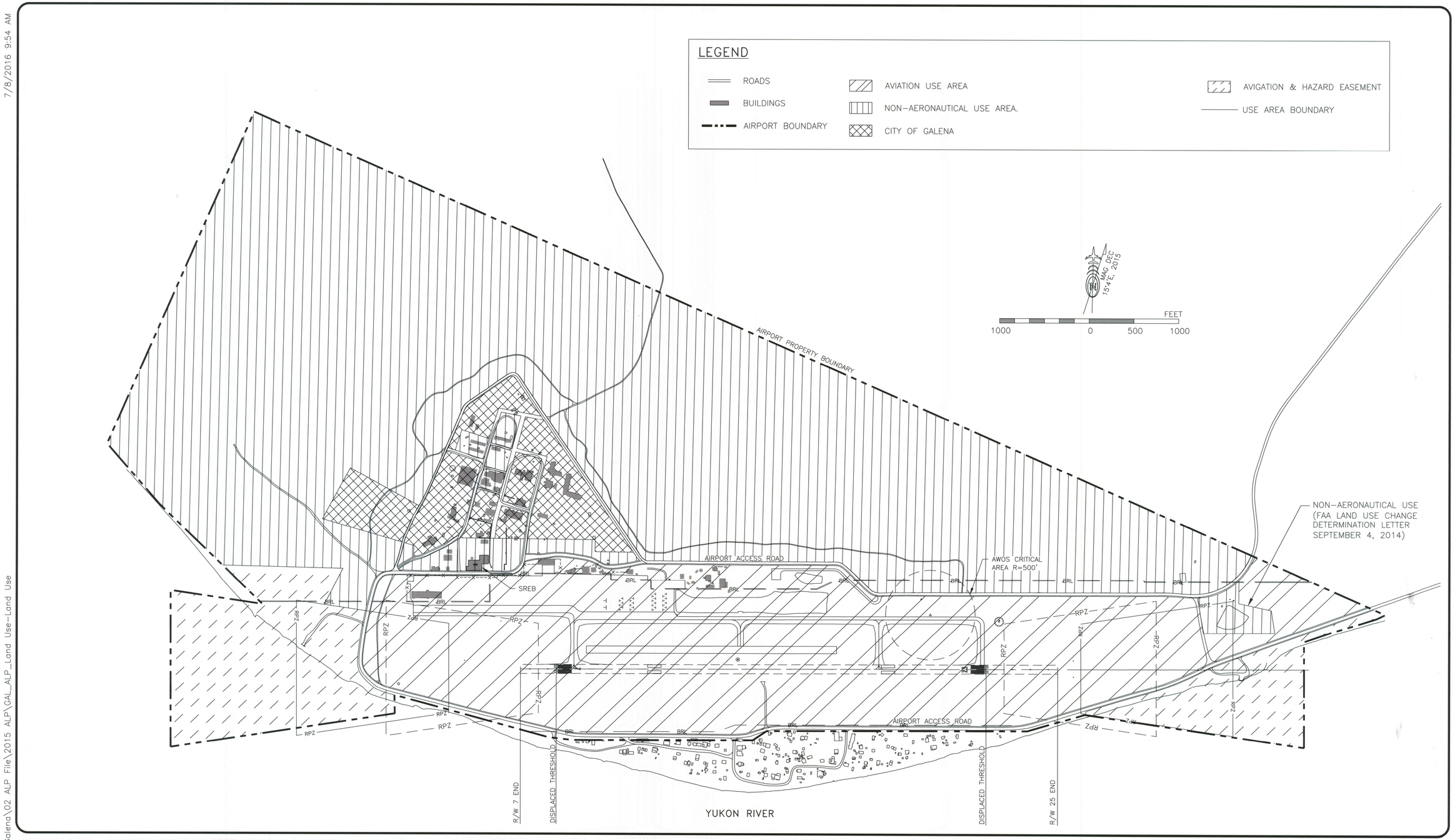

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DRAWN	HPF
CHECKED	DAP

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

APPROVED: DATE 7/11/16
ALBERT M.L. BECK, P.E. DESIGN GROUP CHIEF

BY	DATE	NO.	REVISIONS	FAA

BY	DATE	NO.	REVISIONS	FAA

EDWARD G. PITKA, SR AIRPORT
GALENA, AK
AIRPORT LAND USE

SHEET 13 OF 14

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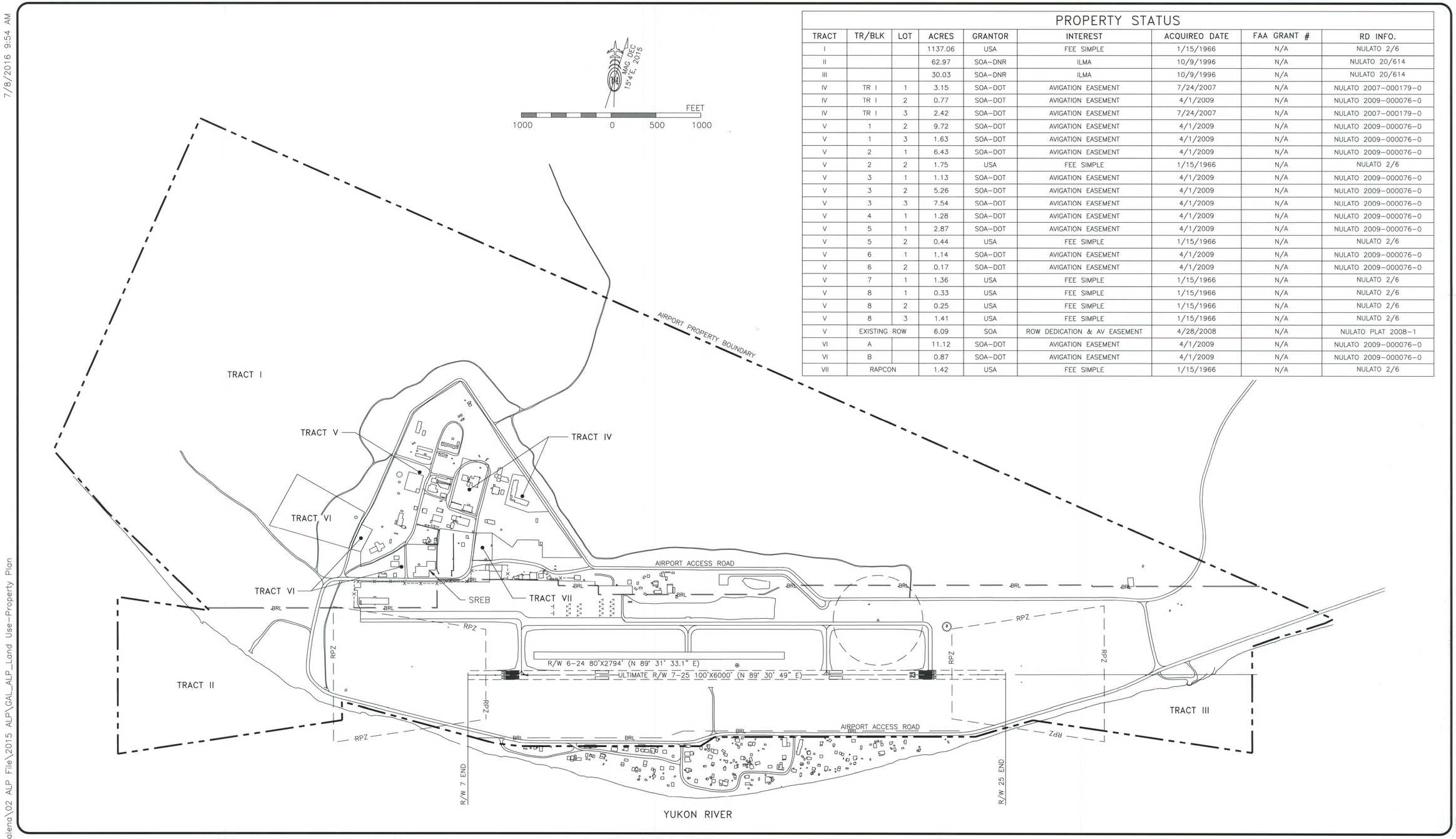

PROPERTY STATUS

TRACT	TR/BLK	LOT	ACRES	GRANTOR	INTEREST	ACQUIREO DATE	FAA GRANT #	RD INFO.
I			1137.06	USA	FEE SIMPLE	1/15/1966	N/A	NULATO 2/6
II			62.97	SOA-DNR	ILMA	10/9/1996	N/A	NULATO 20/614
III			30.03	SOA-DNR	ILMA	10/9/1996	N/A	NULATO 20/614
IV	TR I	1	3.15	SOA-DOT	AVIGATION EASEMENT	7/24/2007	N/A	NULATO 2007-000179-0
IV	TR I	2	0.77	SOA-DOT	AVIGATION EASEMENT	4/1/2009	N/A	NULATO 2009-000076-0
IV	TR I	3	2.42	SOA-DOT	AVIGATION EASEMENT	7/24/2007	N/A	NULATO 2007-000179-0
V	1	2	9.72	SOA-DOT	AVIGATION EASEMENT	4/1/2009	N/A	NULATO 2009-000076-0
V	1	3	1.63	SOA-DOT	AVIGATION EASEMENT	4/1/2009	N/A	NULATO 2009-000076-0
V	2	1	6.43	SOA-DOT	AVIGATION EASEMENT	4/1/2009	N/A	NULATO 2009-000076-0
V	2	2	1.75	USA	FEE SIMPLE	1/15/1966	N/A	NULATO 2/6
V	3	1	1.13	SOA-DOT	AVIGATION EASEMENT	4/1/2009	N/A	NULATO 2009-000076-0
V	3	2	5.26	SOA-DOT	AVIGATION EASEMENT	4/1/2009	N/A	NULATO 2009-000076-0
V	3	3	7.54	SOA-DOT	AVIGATION EASEMENT	4/1/2009	N/A	NULATO 2009-000076-0
V	4	1	1.28	SOA-DOT	AVIGATION EASEMENT	4/1/2009	N/A	NULATO 2009-000076-0
V	5	1	2.87	SOA-DOT	AVIGATION EASEMENT	4/1/2009	N/A	NULATO 2009-000076-0
V	5	2	0.44	USA	FEE SIMPLE	1/15/1966	N/A	NULATO 2/6
V	6	1	1.14	SOA-DOT	AVIGATION EASEMENT	4/1/2009	N/A	NULATO 2009-000076-0
V	6	2	0.17	SOA-DOT	AVIGATION EASEMENT	4/1/2009	N/A	NULATO 2009-000076-0
V	7	1	1.36	USA	FEE SIMPLE	1/15/1966	N/A	NULATO 2/6
V	8	1	0.33	USA	FEE SIMPLE	1/15/1966	N/A	NULATO 2/6
V	8	2	0.25	USA	FEE SIMPLE	1/15/1966	N/A	NULATO 2/6
V	8	3	1.41	USA	FEE SIMPLE	1/15/1966	N/A	NULATO 2/6
V	EXISTING ROW		6.09	SOA	ROW DEDICATION & AV EASEMENT	4/28/2008	N/A	NULATO PLAT 2008-1
VI	A		11.12	SOA-DOT	AVIGATION EASEMENT	4/1/2009	N/A	NULATO 2009-000076-0
VI	B		0.87	SOA-DOT	AVIGATION EASEMENT	4/1/2009	N/A	NULATO 2009-000076-0
VII	RAPCON		1.42	USA	FEE SIMPLE	1/15/1966	N/A	NULATO 2/6

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

APPROVED: Albert M.L. Beck
ALBERT M.L. BECK, P.E. DESIGN GROUP CHIEF
DATE 7/1/16

BY	DATE	NO.	REVISIONS	FAA

BY	DATE	NO.	REVISIONS	FAA

EDWARD G. PITKA, SR AIRPORT
GALENA, AK
AIRPORT PROPERTY PLAN

SHEET 14 OF 14