U.S. Department
of Transportation

**Federal Aviation
Administration**

Alaskan Region

222 W. 7th Avenue #14
Anchorage, Alaska
99513-7587

May 27, 2014

Patricia deLaBruere
Airport Manager
Juneau International Airport
1873 Shell Simmons Drive, Suite 200
Juneau, AK 99801

Dear Ms. deLaBruere:

Juneau International Airport
Juneau, Alaska
As-Built Airport Layout Plan
2009-AAL-64-NRA

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

The FAA has only limited means to prevent the construction of structures near an airport. The airport sponsor has the primary responsibility to protect the airport environs through such means as local zoning ordinances, property acquisition, avigation easements, letters of agreement or other means.

This ALP approval is conditioned on acknowledgement that any development on airport property requiring Federal environmental approval must receive such written approval from FAA prior to commencement of the subject development. This ALP approval is also conditioned on acceptance of the plan under local land use laws. We encourage appropriate agencies to adopt land use and height restrictive zoning based on the plan.

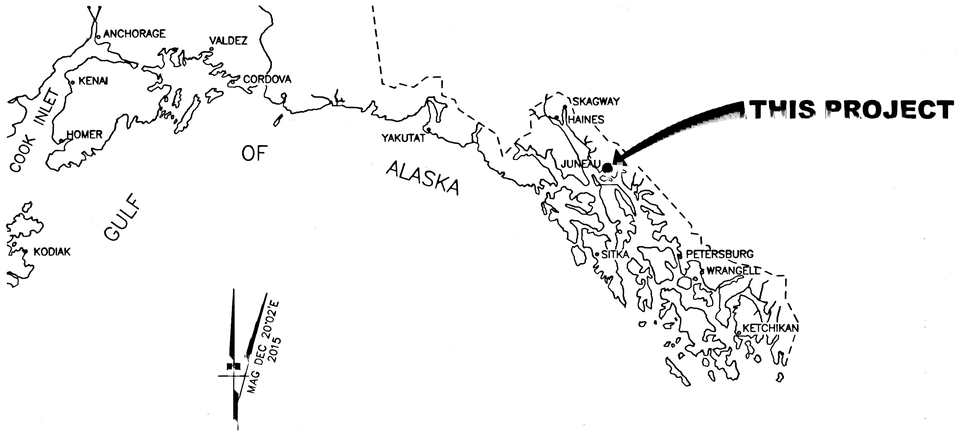
Approval of the plan does not indicate that the United States will participate in the cost of any development proposed. AIP funding requires evidence of eligibility and justification at the time a funding request is ripe for consideration. When construction of any proposed structure or development indicated on the plan is undertaken, such construction requires normal 45-day advance notification to FAA for review in accordance with applicable Federal Aviation Regulations (i.e., Parts 77, 157, 152, etc.). More notice is generally beneficial to ensure that all statutory, regulatory, technical and operational issues can be addressed in a timely manner.

Please attach this letter to the enclosed ALP and retain it in your files for future use.

Sincerely,

G. Eric Helms, Lead Engineer
Airports Division

Enclosure: Juneau International Airport ALP



LOCATION MAP

LEGEND

ITEM	EXISTING	ULTIMATE
AIRPORT REFERENCE POINT (A.R.P.)		
ANTENNA		
BLUFF		
BUILDINGS		
BUILDING RESTRICTION LINE		
FENCE	—X—X—X—	—X—X—X—
PAPI		
PROPERTY LINE		
REIL		
ROADWAYS		
ROTATING BEACON		
SHORELINE		
SURVEY MONUMENT		
THRESHOLD MARKERS/LIGHTS		
TOPOGRAPHIC CONTOURS	100	100
TREE (LARGE SINGLE)		
TREELINE		
VASI		
WIND CONE		
WIND CONE AND SEGMENTED CIRCLE		

AIRPORT DATA TABLE

ITEM	EXISTING	ULTIMATE
ICAO IDENTIFIER	PAJN	PAJN
NATIONAL AIRPORT IDENTIFIER	JNU	JNU
FAA SITE NUMBER	50385.*A	50385.*A
AIRPORT ELEVATION NAVD88	25.3'	25.3'
AIRPORT REFERENCE CODE	C–III	C–III
MEAN MAX. TEMPERATURE, HOTTEST MONTH	65°F, JULY	65°F, JULY
AIRPORT AND TERMINAL NAVIGATION AIDS	BEACON, NDB, LDA, LDIN, RVR	BEACON, NDB, LDA, LDIN, RVR, ADS–B
TAXIWAY LIGHTING/MARKING	MITL	MITL
OBSTRUCTION SURVEY SOURCE & TYPE	NONE	NONE
MAGNETIC DECLINATION, YEAR, RATE OF CHANGE	20°02'E / 2015	–0°19'(W) / YEAR

RUNWAY 8/26 DATA TABLE

ITEM	EXISTING	NEAR TERM	ULTIMATE
RUNWAY TYPE UTILITY OR OTHER THAN UTILITY	OTHER THAN UTILITY	OTHER THAN UTILITY	OTHER THAN UTILITY
FAR PART 77 APPROACH CATEGORY (V, NPI, P)	NPI	NPI	NPI
APPROACH SURFACES	34:1/50:1	34:1/50:1	34:1/50:1
VISIBILITY MINIMUM	≥1 SM	≥1 SM	≥1 SM
RUNWAY SURFACE	ASPHALT	ASPHALT	ASPHALT
PAVEMENT STRENGTH S,2S,D,2D,2D/2D2 x1000lbs	75, 175, 200, 340, 500	75, 175, 200, 340, 500	75, 175, 200, 340, 500
AIRCRAFT APPROACH CATEGORY	C	C	C
AIRPLANE DESIGN GROUP	III	III	III
TRUE BEARING	N75°8'44.50"W	N75°8'44.50"W	N75°8'44.50"W
EFFECTIVE GRADE	0.02%	0.02%	0.02%
TOUCHDOWN ELEVATION NAVD88 (ESTIMATED)	25.0' / 23.4'	25.0' / 23.4'	25.0' / 23.4'
RUNWAY DIMENSIONS	8857' x 150'	8857' x 150'	8857' x 150'
RUNWAY SAFETY AREA (RSA) DIMENSIONS	10057' x 500'	10057' x 500'	10057' x 500'
LENGTH BEYOND R/W END	600' / 600'	600' / 600'	600' / 600'
RUNWAY PROTECTION ZONE (RPZ) DIM. – RW 8	1700' x 500' x 1010'	1700' x 500' x 1010'	1700' x 500' x 1010'
RUNWAY PROTECTION ZONE (RPZ) DIM. – RW 26	1700' x 500' x 1010'	1700' x 500' x 1010'	1700' x 500' x 1010'
RUNWAY OBJECT FREE AREA (ROFA) DIMENSIONS	10057 x 730'	10057 x 730'	10057 x 730'
LENGTH BEYOND R/W END OR STOPWAY	600' / 600'	600' / 600'	600' / 600'
RUNWAY OBSTACLE FREE ZONE (ROFZ) DIMENSIONS	9257' x 400'	9257' x 400'	9257' x 400'
RUNWAY LIGHTING	HIRL	HIRL	HIRL
RUNWAY MARKING TYPE	NONPRECISION	NONPRECISION	NONPRECISION
RUNWAY VISUAL APPROACH AIDS – RW 8	MALSF, LDN, VASI, REILS	MALSF, LDN, VASI, REILS	MALSF, LDN, VASI, REILS
RUNWAY VISUAL APPROACH AIDS – RW 26	MALS, PAPI, REILS	MALS, PAPI, REILS	MALS, PAPI, REILS

GEOGRAPHIC COORDINATES TABLE

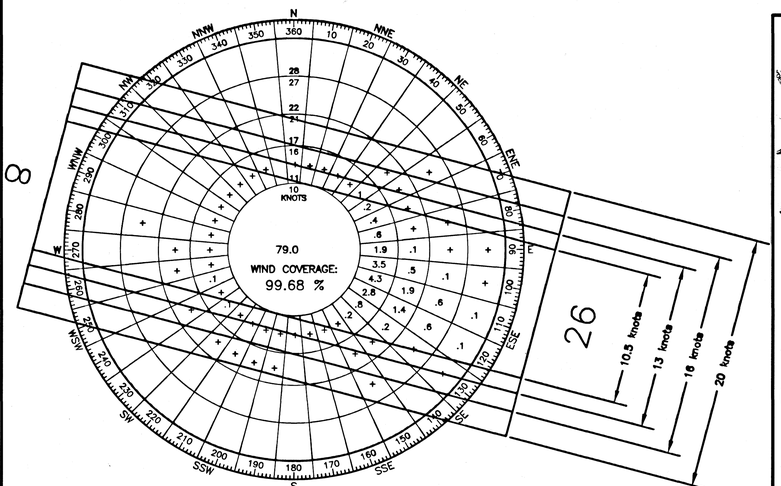
ITEM	EXISTING LATITUDE	EXISTING LONGITUDE	ULTIMATE LATITUDE	ULTIMATE LONGITUDE
ARP	58°21'16.97"N	134°34'42.88"W	58°21'16.97"N	134°34'42.88"W
THRESHOLD RW 8	58°21'28.25"N	134°35'49.09"W	58°21'28.25"N	134°35'49.09"W
THRESHOLD RW 26	58°21'05.88"N	134°33'08.63"W	58°21'05.88"N	134°33'08.63"W
THRESHOLD RW 8W	58°21'22.82"N	134°35'52.23"W	58°21'22.82"N	134°35'52.23"W
THRESHOLD RW 26W	58°21'10.71"N	134°34'25.26"W	58°21'10.71"N	134°34'25.26"W

RUNWAY 8W/26W DATA TABLE

ITEM	EXISTING	NEAR TERM	ULTIMATE
RUNWAY TYPE UTILITY OR OTHER THAN UTILITY	UTILITY	UTILITY	UTILITY
FAR PART 77 APPROACH CATEGORY (V, NPI, P)	V	V	V
APPROACH SURFACES	20:1	20:1	20:1
VISIBILITY MINIMUM	≥1 SM	≥1 SM	≥1 SM
RUNWAY SURFACE	WATER	WATER	WATER
PAVEMENT STRENGTH S,2S,D,2D,2D/2D2 x1000lbs	N/A	N/A	N/A
AIRCRAFT APPROACH CATEGORY	A	A	A
AIRPLANE DESIGN GROUP	II	II	II
TRUE BEARING	N75°8'44.50"W	N75°8'44.50"W	N75°8'44.50"W
EFFECTIVE GRADE	0%	0%	0%
TOUCHDOWN ELEVATION NAVD88 (ESTIMATED)	12'	12'	12'
RUNWAY DIMENSIONS	4800' x 400'	4800' x 400'	4800' x 400'
RUNWAY SAFETY AREA (RSA) DIMENSIONS	N/A	N/A	N/A
LENGTH BEYOND R/W END	N/A	N/A	N/A
RUNWAY PROTECTION ZONE (RPZ) DIMENSIONS	1000' x 250' x 450'	1000' x 250' x 450'	1000' x 250' x 450'
RUNWAY OBJECT FREE AREA (ROFA) DIMENSIONS	5200' x 400'	5200' x 400'	5200' x 400'
LENGTH BEYOND R/W END OR STOPWAY	N/A	N/A	N/A
RUNWAY OBSTACLE FREE ZONE (ROFZ) DIMENSIONS	5200' x 400'	5200' x 400'	5200' x 400'
RUNWAY LIGHTING	N/A	N/A	N/A
RUNWAY MARKING TYPE	N/A	N/A	N/A
RUNWAY VISUAL APPROACH AIDS	NONE	NONE	NONE

NOTES

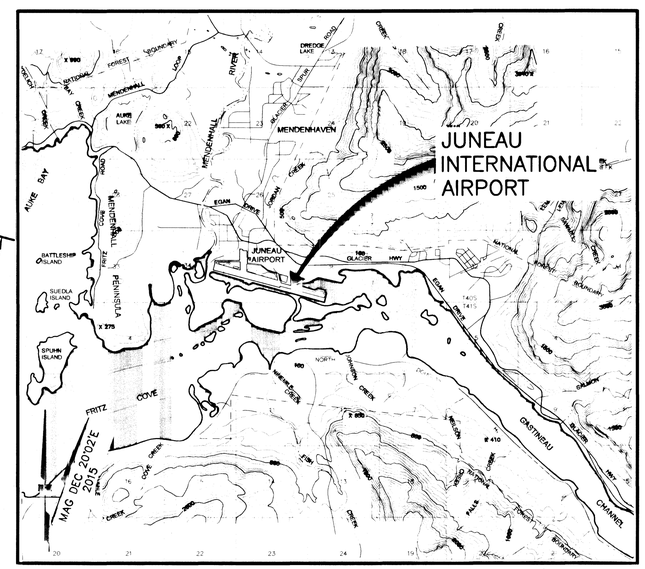
1. THE HORIZONTAL DATUM IS NAD83(CORS96) (EPOCH:2010.00)
2. THE VERTICAL DATUM IS NAVD 88 ORTHOMETRIC HEIGHTS. THE BASIS OF ELEVATIONS IS THE NATIONAL GEODETIC SURVEY (NGS) PRIMARY AIRPORT CONTROL STATION (PACS) "JNU C", PID AI4906, HAVING A NAVD 88 ORTHOMETRIC HEIGHT OF 21.526 FEET. THE NAVD 88 ORTHOMETRIC HEIGHT FOR THIS POINT WAS DETERMINED BY UTILIZING THE NGS PUBLISHED ELLIPSOID HEIGHT AND A HIGH–RESOLUTION GEOID MODEL (GEOID–09).
3. RW 8W–26W DESIGN STANDARDS ARE FOR SMALL AIRCRAFT ONLY.



WIND DATA TABLE

RUNWAY	10.5 kt	13 kt	16 kt	20 kt
8/26	96.68	99.92	99.99	100.00

SOURCE: NATIONAL CLIMATIC DATE·CENTER, ASHVILLE, NC
STATION: JNU, 70381
PERIOD: 1998–2008, 82558 OBSERVATIONS



VICINITY MAP

SEC. 34, 35, 36, T 40 S, R 66 E,
COPPER RIVER MERIDIAN
U.S.G.S. JUNEAU (B–2), ALASKA

SCALE IN STATUTE MILES
1 SM .5 SM 0 1 SM 2 SM

NON STANDARD CONDITIONS

DESCRIPTION	STANDARD	EXISTING	ULTIMATE
RUNWAY OBJECT FREE AREA WIDTH	800'	730'	730'
RUNWAY 8 SAFETY AREA LENGTH BEYOND RW END	1000'	600'	*1000'
RUNWAY 26 SAFETY AREA LENGTH BEYOND RW END	1000'	600'	*1000'

*600' BEYOND RUNWAY END, 1000' BEYOND ASDA

BY	DATE	REVISION
DOWL	2/20/14	ASBUILT UPDATE

APPROVED: DATE: 03/26/2014
PATRICIA DELABRUERE AIRPORT MANAGER

AIRPORT LAYOUT PLAN CONDITIONAL APPROVAL SUBJECT TO ALP APPROVAL LETTER DATED 5/27/2014
FAA AIRSPACE REVIEW NUMBER: 2009-AAL-64-ARA

DATE: 5/27/14
FAA, AIRPORTS DIVISION ALASKAN REGION, AAL-621

DRAWING INDEX

SHT #	TITLE
1	AIRPORT DATA SHEET
2	EXISTING AIRPORT LAYOUT PLAN
3	ULTIMATE AIRPORT LAYOUT PLAN
4	DECLARED DISTANCES
5	INNER PORTION OF THE APPROACH SURFACE – RW 8–26
6	INNER PORTION OF THE APPROACH SURFACE–RW 8W–26W
7	AIRPORT AIRSPACE, 14 CFR, PART 77
8	AIRPORT AIRSPACE, 14 CFR, PART 77
9	TERMINAL AREA PLAN
10	AIRPORT LAND USE
11	PROPERTY MAP

CITY AND BOROUGH OF JUNEAU
JUNEAU INTERNATIONAL AIRPORT
JUNEAU, ALASKA

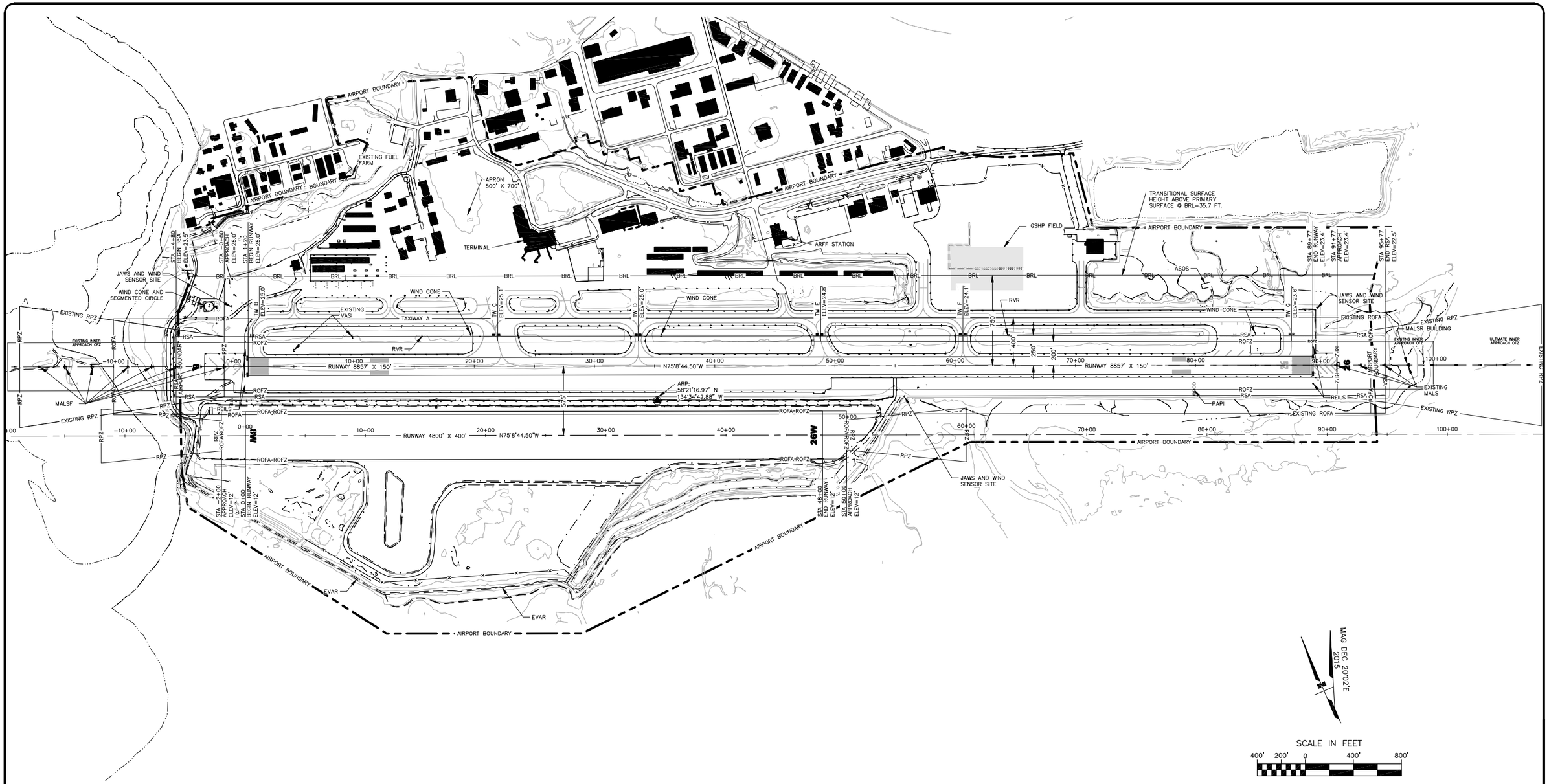
AIRPORT LAYOUT PLAN
AIRPORT DATA SHEET

DATE: 04/15/2010
SHEET: 1 OF 11

FILE No.: 232–89

Designed By: nilewalyn
Drawn By: nowonna
Checked By: bhanson

Date Plotted: 2/20/2014, 11:19 AM
Layout Name: ALP(1)
File Name: P:\Projects\060533\ALP\JNU-ALP.dwg



NOTES

THERE ARE NO ROFZ PENETRATIONS.

TAXIWAY DATA						
ITEM	WIDTH		TSA		OFA	
	EXISTING	STANDARD	EXISTING	STANDARD	EXISTING	STANDARD
T/W A	75'	50'	118'	118'	186'	186'
T/W B	102.5'	50'	118'	118'	186'	186'
T/W C	260'	50'	118'	118'	186'	186'
T/W D	50'	50'	118'	118'	186'	186'
T/W E	100'	50'	118'	118'	186'	186'
T/W F	75'	50'	118'	118'	186'	186'
T/W G	242'	50'	118'	118'	186'	186'

BY	DATE	REVISION
DOWL	12/06/13	ASBUILT UPDATE

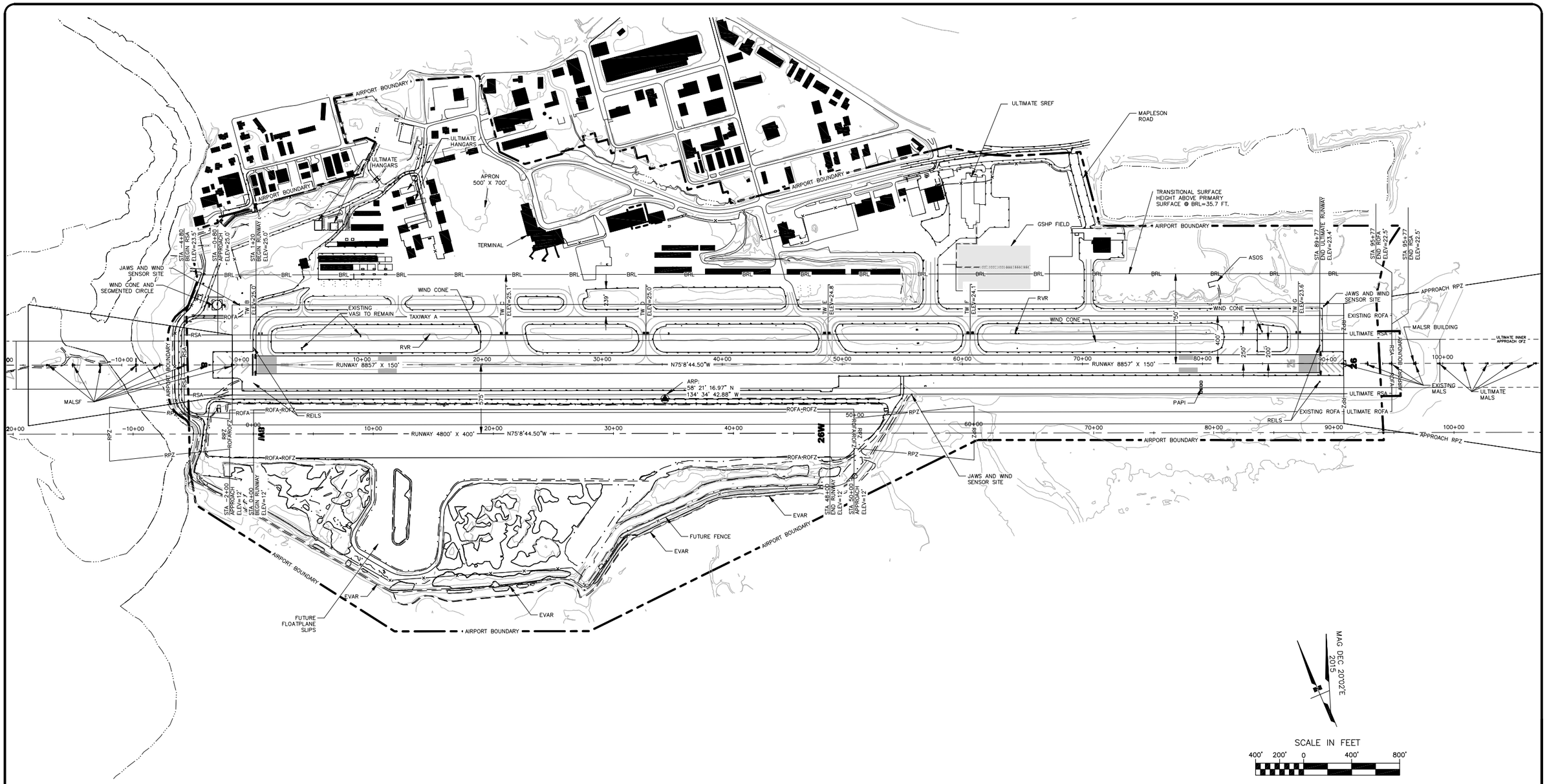
JUNEAU AIRPORT
JUNEAU, ALASKA
AIRPORT LAYOUT PLAN
EXISTING
AIRPORT LAYOUT PLAN

DATE: 04/15/2010

SHEET: 2 OF 11

Date Plotted:	12/06/2013, 11:00 AM
Layout Name:	ELAY(2)
File Name:	P:\Projects\D60633\ALP\JNU-ALP.dwg
Designed By:	nlewellyn
Drawn By:	cwitt
Checked By:	bhanson

FILE No.: 232-89



NOTES

1. THERE ARE NO ROFZ PENETRATIONS.

TAXIWAY DATA						
ITEM	WIDTH		TSA		OFA	
	EXISTING	STANDARD	EXISTING	STANDARD	EXISTING	STANDARD
T/W A	90'	50'	118'	118'	186'	186'
T/W B	102.5'	50'	118'	118'	186'	186'
T/W C	260'	50'	118'	118'	186'	186'
T/W D	50'	50'	118'	118'	186'	186'
T/W E	100'	50'	118'	118'	186'	186'
T/W F	75'	50'	118'	118'	186'	186'
T/W G	245'	50'	118'	118'	186'	186'

BY	DATE	REVISION
DOWL	12/06/13	ASBUILT UPDATE

JUNEAU AIRPORT
JUNEAU, ALASKA
AIRPORT LAYOUT PLAN
ULTIMATE
AIRPORT LAYOUT PLAN

DATE: 04/15/2010

SHEET: 3 OF 11

Date Plotted:	12/06/2013, 11:01 AM
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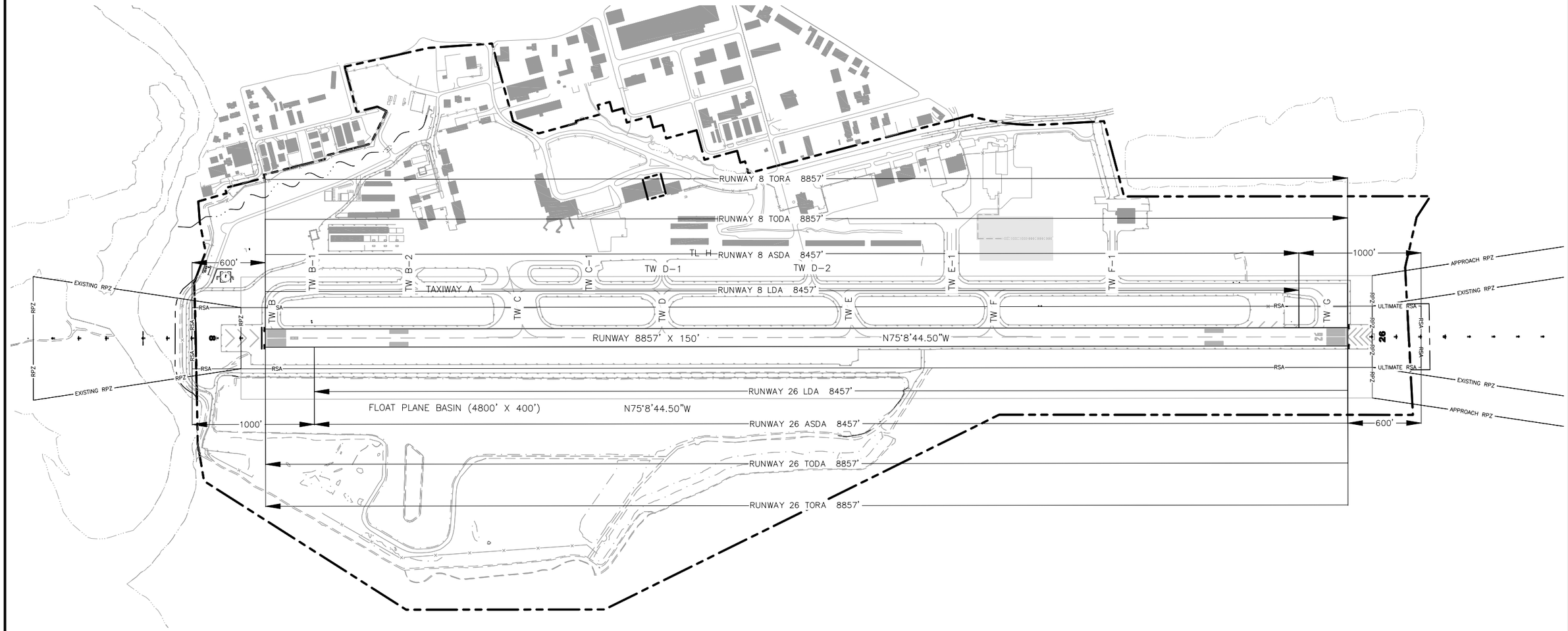
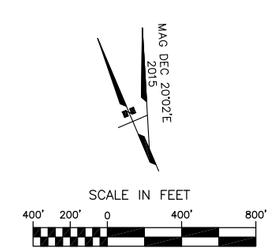
Designed By:	nlewellyn
Drawn By:	cwitt
Checked By:	bhanson

FILE No.: 232-89



EXISTING/ULTIMATE

DECLARED DISTANCES		
	RUNWAY 8/26	
ITEM	EXISTING	FUTURE
TAKEOFF RUN AVAILABLE (TORA)	8,857 / 8,857	8,857 / 8,857
TAKEOFF DISTANCE AVAILABLE (TODA)	8,857 / 8,857	8,857 / 8,857
ACCELERATE STOP DISTANCE AVAILABLE (ASDA)	8,457 / 8,457	8,457 / 8,457
LANDING DISTANCE AVAILABLE (LDA)	8,457 / 8,457	8,457 / 8,457



BY	DATE	REVISION
DOWL	12/06/13	ASBUILT UPDATE

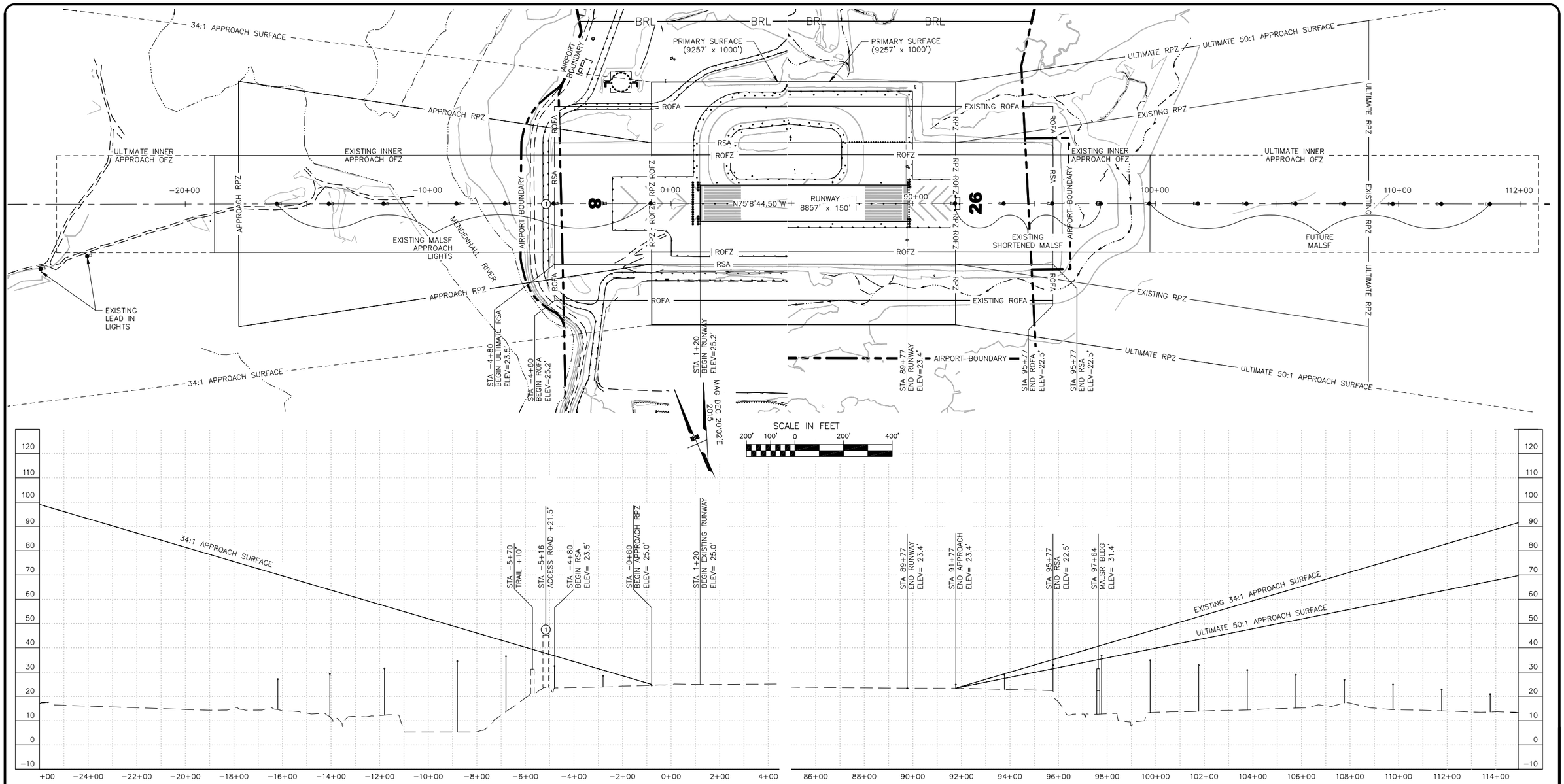
JUNEAU AIRPORT
JUNEAU, ALASKA
AIRPORT LAYOUT PLAN

DECLARED DISTANCES

DATE: 04/15/2010

SHEET: 4 OF 11

Designed By:	nilewellyn
Drawn By:	cwitt
Checked By:	bhanson
FILE No.: 232-89	
Date Plotted:	12/06/2013, 9:08 AM
Layout Name:	DECD(4)
File Name:	P:\Projects\D60633\ALP\JNU-ALP.dwg



RUNWAY 8

34:1 APPROACH SURFACE OBSTRUCTIONS TABLE (INNER PORTION RW 8)

ID #	DESCRIPTION	STATION/ OFFSET	ELEVATION	SURFACE PENETRATED	SURFACE ELEVATION	AMOUNT PENETRATION	DISPOSITION	STAGE TO CORRECT
1	ACCESS ROAD	-5+16/0	45.5' *	APPROACH	38'	7.5'	REMAIN	-

REFER TO THE AIRPORT AIRSPACE DRAWING FOR PENETRATIONS OF THE OUTER APPROACH SURFACES.

* TOTAL CLEARANCE HEIGHT IS BASED ON THE HEIGHT OF A TOWING TRAILER (2') AND THE TAIL HEIGHT OF A TWIN OTTER (19.5') (21.5' TOTAL).

NOTES

1. THE EXISTING OBSTRUCTION CLEARANCE SLOPE FOR RW 8 IS ESTABLISHED AS 8:1 PER FAA AC 150/5200-35, CHAP 4. THE ULTIMATE OBSTRUCTION CLEARANCE SLOPE FOR RW 8 IS ESTABLISHED AS 15:1 PER FAA AC 150/5200-35, CHAP 4.
2. THERE ARE NO OBJECT PENETRATIONS IN THE RUNWAY APPROACH END SITING SURFACE OF RUNWAY 8, AS DEFINED IN FAA AC 150/5300-13, TABLE A-2, ROWS 1 THRU 2.

RUNWAY 26

50:1 APPROACH SURFACE OBSTRUCTIONS TABLE (INNER PORTION RW 26)

ID #	DESCRIPTION	STATION/ OFFSET	ELEVATION	SURFACE PENETRATED	SURFACE ELEVATION	AMOUNT PENETRATION	DISPOSITION	STAGE TO CORRECT
	NONE							

REFER TO THE AIRPORT AIRSPACE DRAWING FOR PENETRATIONS OF THE OUTER APPROACH SURFACES.

NOTES

1. THE EXISTING AND ULTIMATE OBSTRUCTION CLEARANCE SLOPE FOR RW 26 IS ESTABLISHED AS 7:1 PER FAA AC 150/5200-35, CHAP 4.
2. THERE ARE NO OBJECT PENETRATIONS IN THE RUNWAY APPROACH END SITING SURFACE OF RUNWAY 26, AS DEFINED IN FAA AC 150/5300-13, TABLE A-2, ROWS 1 THRU 10.

BY	DATE	REVISION
DOWL	12/06/13	ASBUILT UPDATE

JUNEAU AIRPORT
JUNEAU, ALASKA
AIRPORT LAYOUT PLAN

INNER PORTION OF THE APPROACH SURFACE-RW 8-26

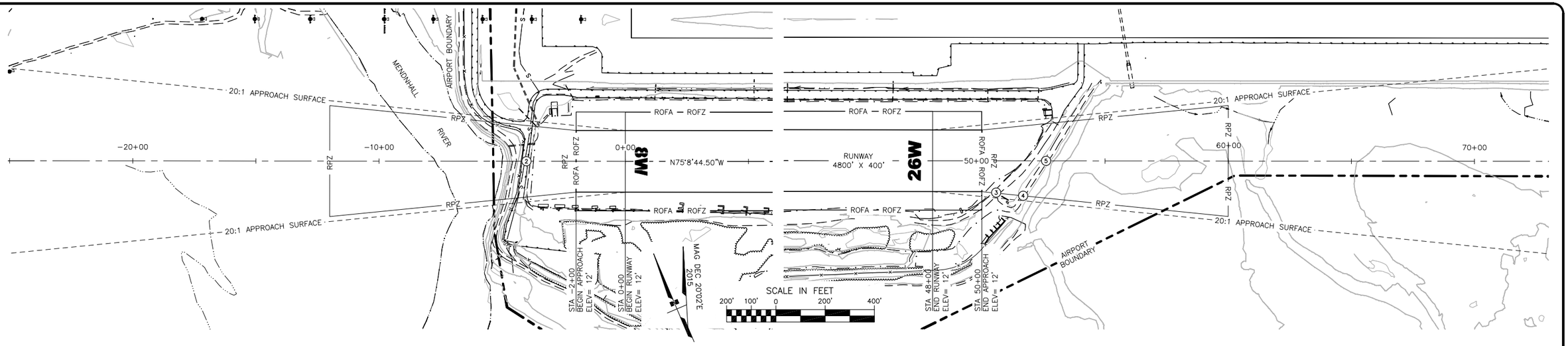
DATE: 04/15/2010

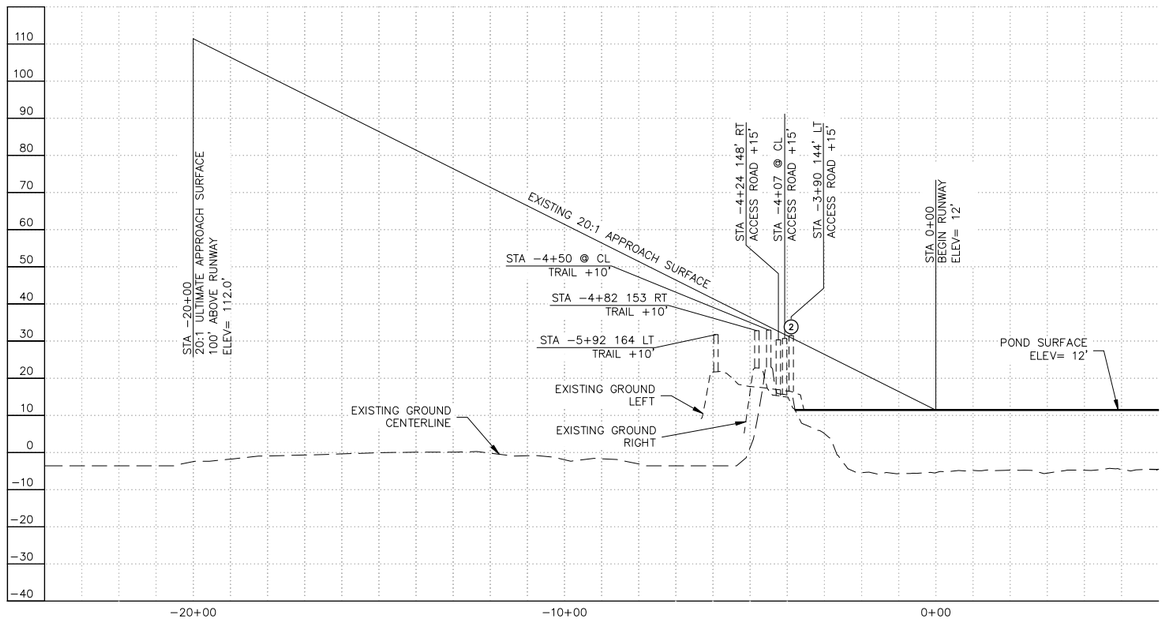
SHEET: 5 OF 11

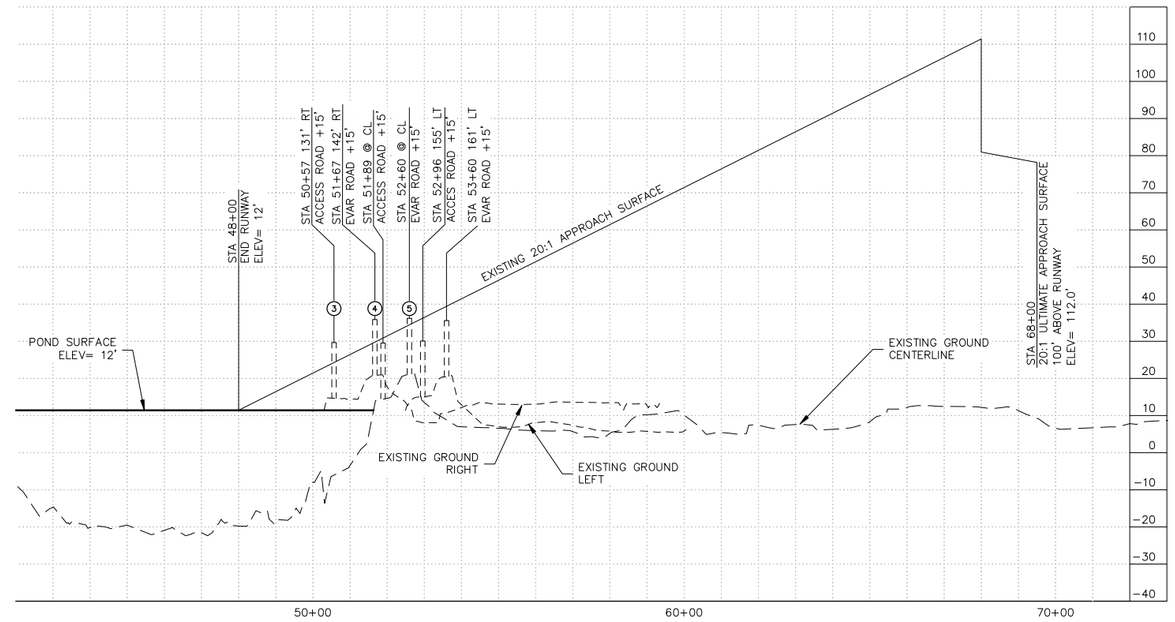
FILE No.: 232-89

Designed By: nlewellyn
Drawn By: cwitt
Checked By: bhanson

Date Plotted: 12/06/2013, 9:08 AM
Layout Name: APPR 8-26(5)
File Name: P:\Projects\D60633\ALP\JNU-ALP.dwg







SCALE IN FEET
200' 100' 0 200' 400'
HORIZONTAL TO VERTICAL RATIO 1:10

RUNWAY 8W

20:1 APPROACH SURFACE OBSTRUCTIONS TABLE (INNER PORTION RW 8W)

ID #	DESCRIPTION	STATION/ OFFSET	ELEVATION	SURFACE PENETRATED	SURFACE ELEVATION	AMOUNT PENETRATION	DISPOSITION	STAGE TO CORRECT
2	ROAD	−3+90/144 LT	32'	APPROACH	31'	1'	REMAIN	

REFER TO THE AIRPORT AIRSPACE DRAWING FOR PENETRATIONS OF THE OUTER APPROACH SURFACES.

NOTES

1. THE OBSTRUCTION CLEARANCE SLOPE FOR RW 8W IS ESTABLISHED AS 15:1 PER FAA AC 150/5200−35, CHAP 4.
2. RUNWAY 8W MEETS THE CONDITIONS OF FAA AC 150/5300−13, TABLE A−2 ROW 1 FOR APPROACH END SITING SURFACE.

RUNWAY 26W

20:1 APPROACH SURFACE OBSTRUCTIONS TABLE (INNER PORTION RW 26W)

ID #	DESCRIPTION	STATION/ OFFSET	ELEVATION	SURFACE PENETRATED	SURFACE ELEVATION	AMOUNT PENETRATION	DISPOSITION	STAGE TO CORRECT
3	ROAD	50+57/131 RT	30'	APPROACH	24'	6'	REMAIN	
4	EVAR ROAD	51+67/142 RT	36'	APPROACH	30'	6'	REMAIN	
5	EVAR ROAD	52+60/0	36'	APPROACH	34'	2'	REMAIN	

REFER TO THE AIRPORT AIRSPACE DRAWING FOR PENETRATIONS OF THE OUTER APPROACH SURFACES.

NOTES

1. THE OBSTRUCTION CLEARANCE SLOPE FOR RW 26W IS ESTABLISHED AS 10:1 PER FAA AC 150/5200−35, CHAP 4.
2. RUNWAY 26W DOES NOT MEET ANY OF THE CONDITIONS OF FAA AC 150/5300−13, TABLE A−2 FOR APPROACH END SITING SURFACE.

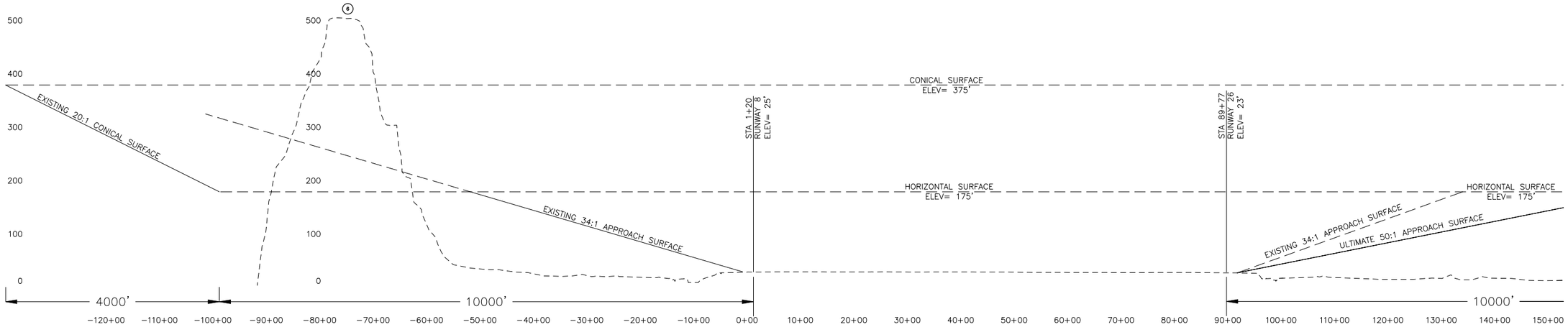
BY	DATE	REVISION
DOWL	12/06/13	ASBUILT UPDATE

JUNEAU AIRPORT
JUNEAU, ALASKA
AIRPORT LAYOUT PLAN

INNER PORTION OF THE
APPROACH SURFACE−RW 8W−26W

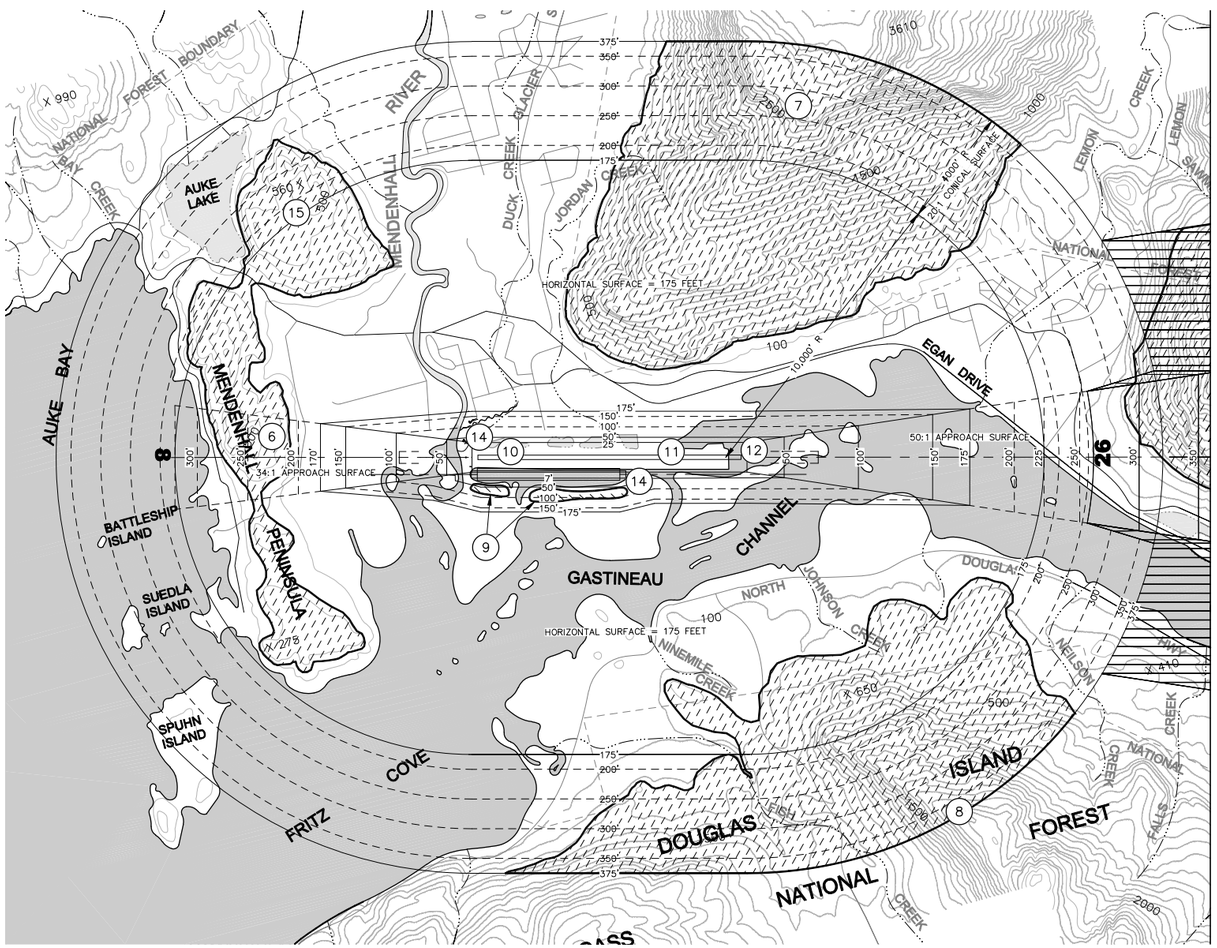
DATE: 04/15/2010
SHEET: 6 OF 11

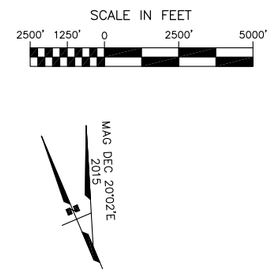
Designed By:	nlewellyn
Drawn By:	cwitt
Checked By:	bhanson
FILE No.: 232-89	
Date Plotted:	12/06/2013, 10:58 AM
Layout Name:	APPR 8W-26W(6)
File Name:	P:\Projects\060633\ALP\JNU-ALP.dwg



RUNWAY 8–26 PROFILE

HORIZONTAL TO VERTICAL RATIO 1:10





PART 77 SURFACE OBSTRUCTIONS TABLE (OUTER PORTION RW 8/26)

ID #	DESCRIPTION	STATION/ OFFSET	ELEVATION	SURFACE PENETRATED	SURFACE ELEVATION	AMOUNT PENETRATION	DISPOSTION	STAGE TO CORRECT
6 *	TERRAIN	−77+74/448' LT	500'	APPROACH	255'	245'	WILL REMAIN	
7 *	TERRAIN	109+14/11830' LT	2900'	CONICAL	280'	2620'	WILL REMAIN	
8 *	TERRAIN	163+18/11928' RT	2100'	CONICAL	383'	1717'	WILL REMAIN	
9	TREES	0+00−50+00/865' RT	70'	TRANSITIONAL	55'	15'	WILL REMAIN	
10	RVR	15+67/252' LT	37'	PRIMARY	29'	8'	WILL REMAIN	
11	RVR	64+61/254' LT	28'	PRIMARY	23'	5'	WILL REMAIN	
12	JAWS	90+10/474' LT	48'	PRIMARY	23'	25'	WILL REMAIN	
13	JAWS	55+80/259' RT	50'	PRIMARY	24'	26'	WILL REMAIN	
14	JAWS	−0+22/499' LT	51'	PRIMARY	25'	26'	WILL REMAIN	
15 *	TERRAIN	−58+62/9180' LT	560'	CONICAL	212'	348'	WILL REMAIN	

* HIGHEST FEATURE IN A LARGE AREA OF TERRAIN PENETRATION. REFER TO HATCHED AREAS ON MAP.

NOTES

1. AIRPORT ELEVATION IS 25'.
2. ALL CONTOURS ARE IN FEET. BASEMAP DATA IS FROM USGS QUAD.
3. PRIMARY SURFACE WIDTH IS 1000'.
4. PART 77 SURFACES BASED ON ULTIMATE AIRPORT LAYOUT.
5. REFER TO INNER PORTION OF THE APPROACH SURFACE DRAWING FOR CLOSE–IN OBSTRUCTIONS.
6. APPROACH SURFACE FOR RW 8 IS 34:1 BEGINNING AT 200 FEET BEYOND THE RUNWAY END.
7. APPROACH SURFACE FOR RW 26 IS 50:1 BEGINNING AT 200 FEET BEYOND THE RUNWAY END.

BY	DATE	REVISION
DOWL	12/06/13	ASBUILT UPDATE

JUNEAU AIRPORT
JUNEAU, ALASKA
AIRPORT LAYOUT PLAN

AIRPORT AIRSPACE
14 CFR, PART 77

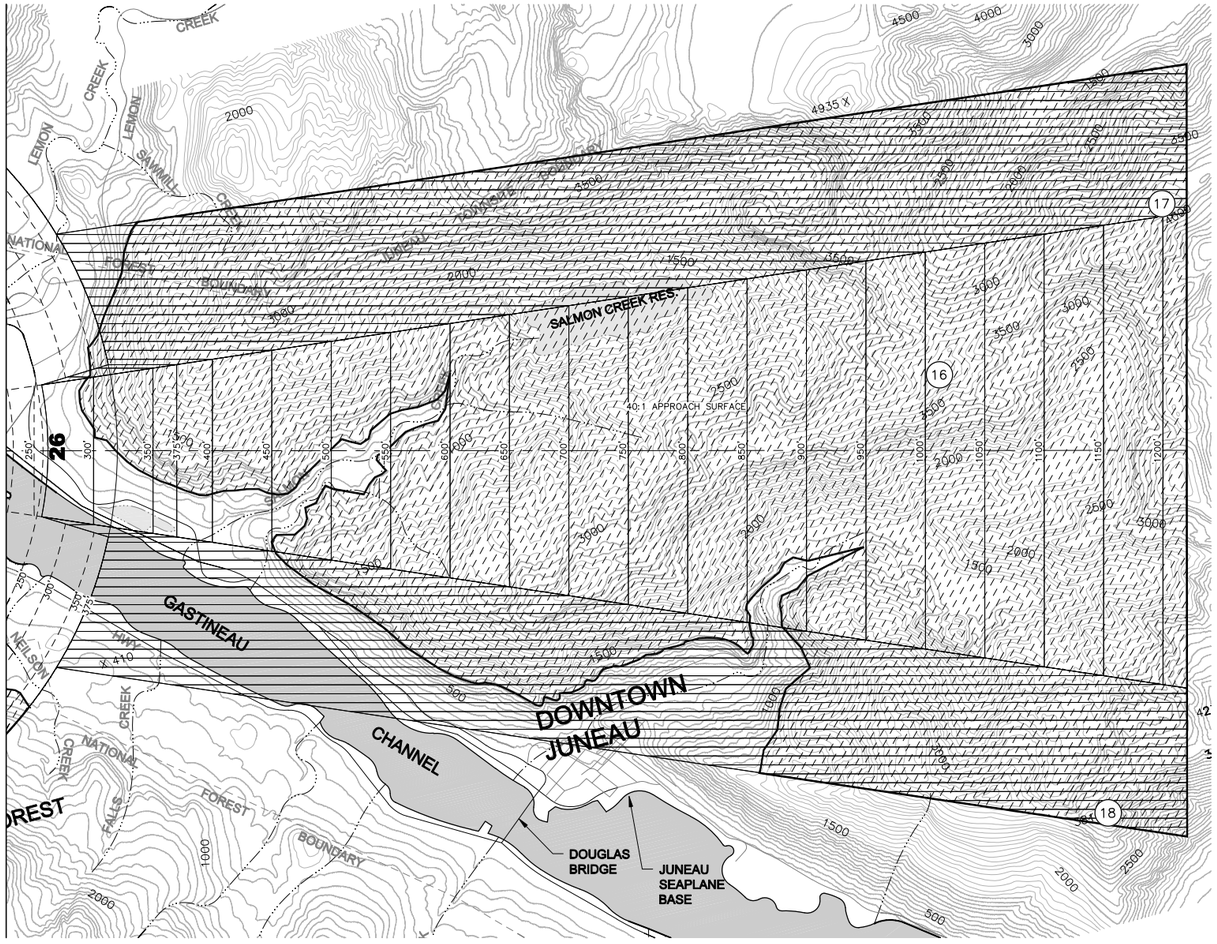
DATE: 04/15/2010

SHEET: 7 OF 11

FILE No.: 232-89

Designed By:	nlewellyn
Drawn By:	cwitt
Checked By:	bhanson

Date Plotted:	12/06/2013, 9:12 AM
Layout Name:	PART 77(2)
File Name:	P:\Projects\D60633\ALP\JNU-ALP.dwg



PART 77 SURFACE OBSTRUCTIONS TABLE (OUTER PORTION RW 8/26)								
ID #	DESCRIPTION	STATION/ OFFSET	ELEVATION	SURFACE PENETRATED	SURFACE ELEVATION	AMOUNT PENETRATION	DISPOSTION	STAGE TO CORRECT
16 *	TERRAIN	508+53/2545' LT	4000'	APPROACH	1015'	2895'	WILL REMAIN	
17 *	TERRAIN	583+43/8302' LT	3800'	TRANSITIONAL	1955'	1845'	WILL REMAIN	
18 *	TERRAIN	565+27/12202' RT	4400'	TRANSITIONAL	1255'	3145'	WILL REMAIN	

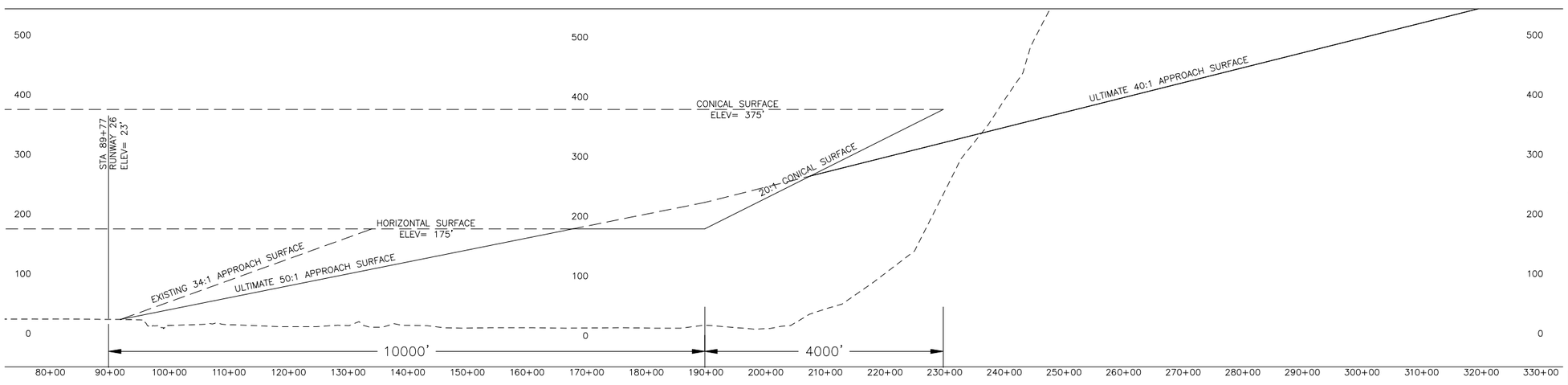
* HIGHEST FEATURE IN A LARGE AREA OF TERRAIN PENETRATION. REFER TO HATCHED AREAS ON MAP.

SCALE IN FEET
2500' 1250' 0 2500' 5000'

MAG DEC 20°02'E 2015

NOTES

1. AIRPORT ELEVATION IS 25'.
2. ALL CONTOURS ARE IN FEET. BASEMAP DATA IS FROM USGS QUAD.
3. PRIMARY SURFACE WIDTH IS 1000'.
4. PART 77 SURFACES BASED ON ULTIMATE AIRPORT LAYOUT.
5. REFER TO INNER PORTION OF THE APPROACH SURFACE DRAWING FOR CLOSE-IN OBSTRUCTIONS.
6. APPROACH SURFACE FOR RW 8 IS 34:1 BEGINNING AT 200 FEET BEYOND THE RUNWAY END.
7. APPROACH SURFACE FOR RW 26 IS 50:1 BEGINNING AT 200 FEET BEYOND THE RUNWAY END.



RUNWAY PROFILE

1000' 500' 0 1000' 2000'
HORIZONTAL TO VERTICAL RATIO 1:10

BY	DATE	REVISION
DOWL	12/06/13	ASBUILT UPDATE

JUNEAU AIRPORT
JUNEAU, ALASKA
AIRPORT LAYOUT PLAN

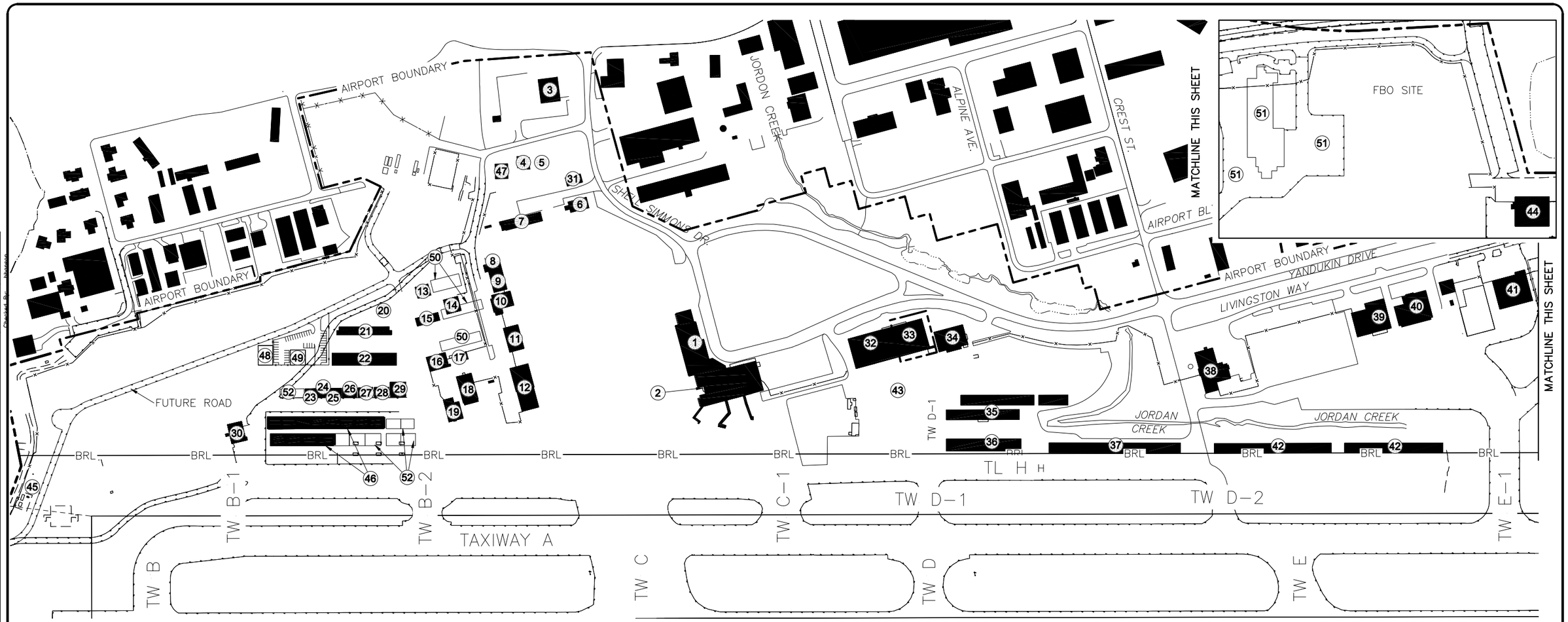
AIRPORT AIRSPACE
14 CFR, PART 77

DATE: 04/15/2010
SHEET: 8 OF 11

Date Plotted: 12/06/2013, 9:13 AM
Layout Name: PART 77_2(8)
File Name: P:\Projects\D60633\ALP\JNU-ALP.dwg

Designed By: nlewellyn
Drawn By: cwitt
Checked By: bhanson

FILE No.: 232-89



BUILDING DATA TABLE

BLDG. NO.	STRUCTURE NAME	TOP ELEV.	OBSTRUCTION MARKING		REMARKS
			EXISTING	ULTIMATE	
1	TERMINAL BUILDING	51	–	–	
2	FAA CONTROL TOWER	95	Y	Y	
3	AFSS / SACOM	34	–	–	
4	J/D TELEPHONE	29	–	–	
5	LEASED TO HERTZ	37	–	–	
6	AERO SERVICES (SUBLESSEE: FEDEX) R&L LEASING	39	–	–	
7	SNOW REMOVAL EQUIPMENT BUILDING	38	–	–	
8	LAB FLYING	47	–	–	
9	LAB FLYING	47	–	–	
10	HEIMBIGNER	40	–	–	
11	ALASKA AIRLINES	34	–	–	
12	ALASKA AIRLINES	41	–	–	
13	PRIVATE HANGAR	38	–	–	
14	FISH AND WILDLIFE	46	–	–	TO BE REMOVED
15	3 PRIVATE T–HANGARS	33	–	–	
16	DUANE PACKER SUBLEASE TO UNITED PARCEL SERVICE	49	–	–	
17	R & L LEASING	43	–	–	
18	AERO SERVICES	48	–	–	
19	AERO SERVICES	35	–	–	
20	PRIVATE HANGAR	39	–	–	
21	T–HANGAR (7 UNITS)	30	–	–	
22	T–HANGAR (12 UNITS)	34	–	–	
23	PRIVATE HANGAR	39	–	–	
24	PRIVATE HANGAR	36	–	–	
25	PRIVATE HANGAR	36	–	–	
26	PRIVATE HANGAR	42	–	–	
27	PRIVATE HANGAR	39	–	–	
28	PRIVATE HANGAR	39	–	–	
29	PRIVATE HANGAR	41	–	–	
30	CIVIL AIR PATROL	36	–	–	TO BE REMOVED
31	DELTA WESTERN	35	–	–	

BUILDING DATA TABLE

BLDG. NO.	STRUCTURE NAME	TOP ELEV.	OBSTRUCTION MARKING		REMARKS
			EXISTING	ULTIMATE	
32	SAND STORAGE	53	–	–	TO BE REMOVED/RELOCATED
33	LOKEN AVIATION (PRIVATE PROPERTY)	53	–	–	ON PROPERTY INHOLDING
34	WARD AIR (RED LEASING)	52	–	–	
35	BLOCK 'L' EXECUTIVE HANGARS (TRUMAN MIDDLETON–5 UNITS)	40	–	–	
36	BLOCK 'M' T–HANGARS (14 UNITS)	35	–	–	
37	BLOCK 'N' EXECUTIVE HANGARS (9 UNITS)	38	–	–	
38	AIRCRAFT RESCUE AND FIRE FIGHTING BUILDING	56	–	–	
39	SILVER BAY LOGGING	48	–	–	
40	ALASKA NATIONAL GUARD	51	–	–	
41	WINGS OF ALASKA	53	–	–	
42	BLOCK 'O' EXECUTIVE HANGARS (14 UNITS)	41	–	–	
43	COASTAL FUEL	26	–	–	TO BE REMOVED/RELOCATED
44	TEMSCO HELICOPTERS	48	–	–	
45	F.A.A. SHELTER		–	–	
46	BLOCK I HANGARS		–	–	
47	R&L LEASING		–	–	
48	FUTURE C.A.P. HANGAR		–	–	
49	FUTURE FISH AND WILDLIFE HANGAR		–	–	
50	FUTURE HANGARS		–	–	
51	FUTURE SRE FACILITY		–	–	
52	FUTURE HANGARS		–	–	

MAG DEC 20°02'E 2015

200' 100' 0 200' 400'

SCALE IN FEET

BY	DATE	REVISION
DOWL	12/06/13	ASBUILT UPDATE

JUNEAU AIRPORT
JUNEAU, ALASKA
AIRPORT LAYOUT PLAN

TERMINAL AREA PLAN

DATE: 04/15/2010

SHEET: 9 OF 11

Date Plotted: 12/06/2013, 9:14 AM
Layout Name: TERMINAL(9)
File Name: P:\Projects\D60633\ALP\JNU-ALP.dwg

Designed By: BRH
Drawn By: cwilt
Checked By: bhansen

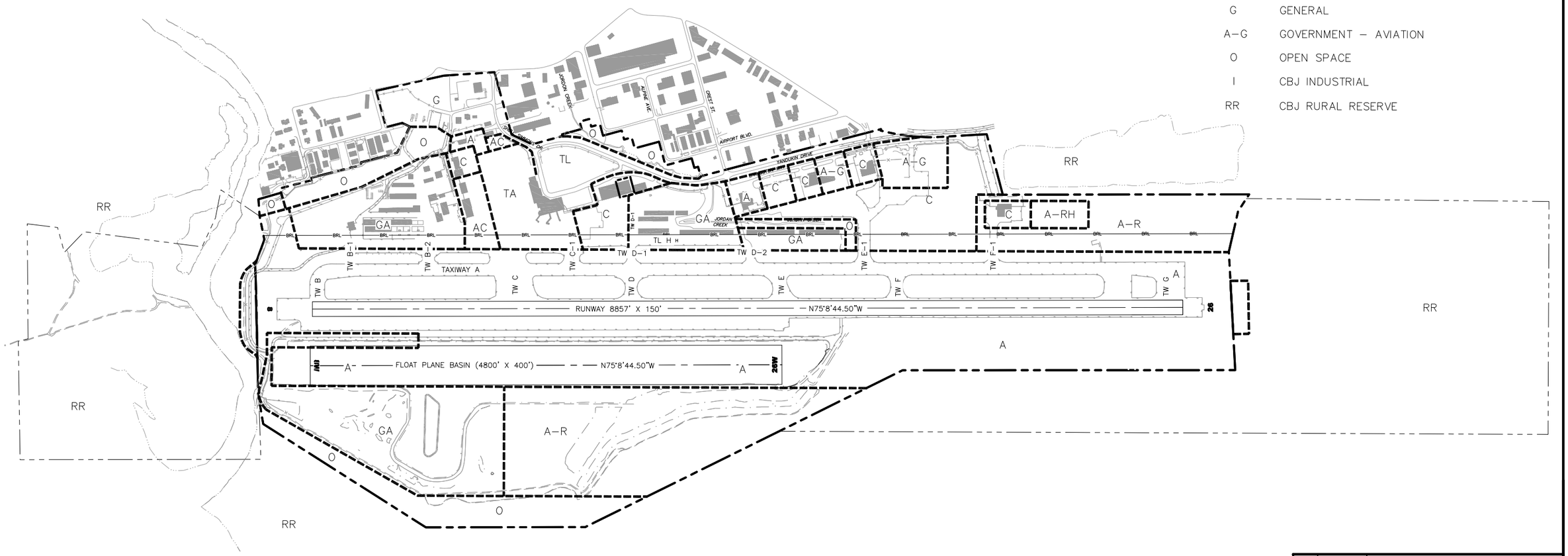
DOWL FILE No.: 232-89

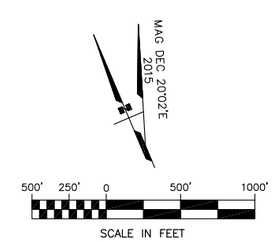
LEGEND

- EXISTING PAVEMENT
- EXISTING PROPERTY LINE
- EXISTING TRACT LINE
- LAND USE BOUNDARY
- BRL — BUILDING RESTRICTION LINE

ON–AIRPORT LAND USE

A	AVIATION
TA	TERMINAL AREA (AIRSIDE)
TL	TERMINAL AREA (LANDSIDE)
C	COMMERCIAL (AVIATION)
GA	GENERAL AVIATION
AC	AIR CARGO
A–R	AIRPORT RESERVE
A–RH	AIRPORT RESERVE – HELICOPTER
G	GENERAL
A–G	GOVERNMENT – AVIATION
O	OPEN SPACE
I	CBJ INDUSTRIAL
RR	CBJ RURAL RESERVE





BY	DATE	REVISION
DOWL	12/06/13	ASBUILT UPDATE

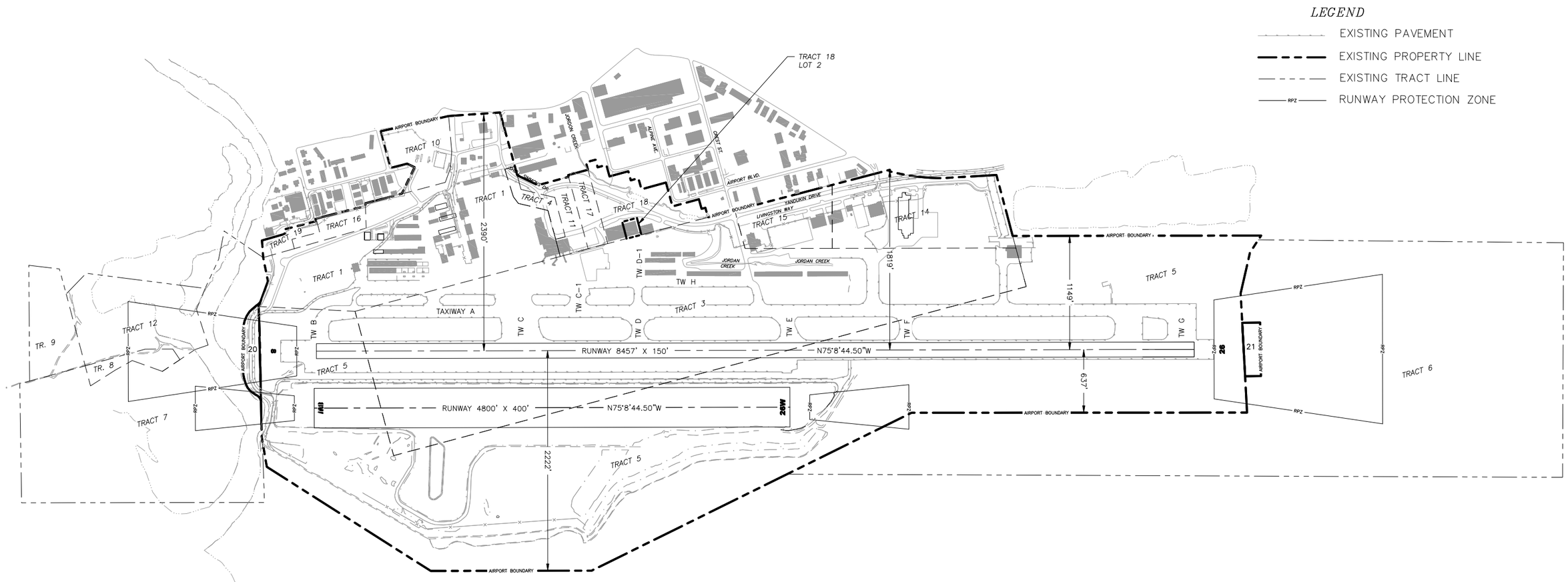
JUNEAU AIRPORT
JUNEAU, ALASKA
AIRPORT LAYOUT PLAN

AIRPORT LAND USE

DATE: 04/15/2010

SHEET: 10 OF 11

Designed By:	jjones
Drawn By:	cwilt
Checked By:	bhanson
DOWL FILE No.: 232-89	
Date Plotted:	12/06/2013, 9:14 AM
Layout Name:	LAND USE(10)
File Name:	P:\Projects\060633\ALP\JNU-ALP.dwg

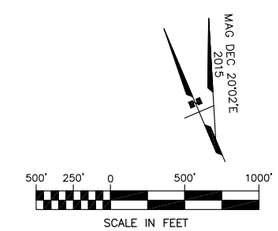


NOTES:

1. THE BOUNDARY DATA SHOWN ON THIS MAP WAS COMPILED FROM RECORD DATA. NO BOUNDARY SURVEY WAS PERFORMED IN THE FIELD. THIS MAP DOES NOT CONSTITUTE A BOUNDARY SURVEY. ALL ACREAGES SHOWN ARE COMPUTED, AND ARE APPROXIMATE BASED ON THE RECORD DATA.

PROPERTY STATUS

TRACT#	INTEREST	GRANTOR	GRANTEE	PARCEL SIZE	DATE ACQUIRED	RECORDED DOC NO.	ACQUIRED AIP NO.
1	QUIT CLAIM DEED	CIVIL AERONAUTICS ADMINISTRATION	CITY & BOROUGH OF JUNEAU	64.80 AC.±	10–28–1953		
2	QUIT CLAIM DEED	CIVIL AERONAUTICS ADMINISTRATION	CITY & BOROUGH OF JUNEAU	7.28 AC.±	10–28–1953		
3	QUIT CLAIM DEED	CIVIL AERONAUTICS ADMINISTRATION	CITY & BOROUGH OF JUNEAU	182.90 AC.±	10–28–1953		
4	QUIT CLAIM DEED	FEDERAL AVIATION ADMINISTRATION	CITY & BOROUGH OF JUNEAU	2.61 AC.±	04–26–1967		
5	PATENT	STATE OF ALASKA	CITY & BOROUGH OF JUNEAU	338.73 AC.±	11–30–1972		
6	AVIGATION EASEMENT	STATE OF ALASKA, DOL	CITY & BOROUGH OF JUNEAU	22.15 AC.±	11–31–1972		
7	AVIGATION EASEMENT	STATE OF ALASKA, DOL	CITY & BOROUGH OF JUNEAU	91.88 AC.±	11–31–1972		
8	WARRANTY DEED	WILDE, GIBSON AND MAIER	CITY & BOROUGH OF JUNEAU	2.94 AC.±	05–30–1967		
9	AVIGATION EASEMENT	FILE AND AASA	CITY & BOROUGH OF JUNEAU	10.07 AC.±	02–05–1965		
10	DEED	GLACIER INVESTMENT COMPANY	CITY & BOROUGH OF JUNEAU	1.17 AC.±	09–12–1961		
11	F.A.A. LEASE, TERMINATES 11–30–2014	FEDERAL AVIATION ADMINISTRATION	CITY & BOROUGH OF JUNEAU	5.70 AC.±			
12	AVIGATION EASEMENT	JOE AND BETTY SMITH	CITY & BOROUGH OF JUNEAU	22.01 AC.±	05–01–1973		
13	E.S.S.A INSTRUMENT SPACE AGREEMENT PERMIT	U.S. WEATHER BUREAU	CITY & BOROUGH OF JUNEAU	0.15 ±			
14	QUITCLAIM DEED	FRED S. AND E. LENORE HONSINGER, THEODORE J. AND SARA J. SMITH	CITY & BOROUGH OF JUNEAU	29.13 AC.±	12–24–1975		
15	QUITCLAIM DEED	FRED S. AND E. LENORE HONSINGER, THEODORE J. AND SARA J. SMITH	CITY & BOROUGH OF JUNEAU	11.08 AC.±	05–29–1976		
16	WARRANTY DEED	GLACIER INVESTMENT COMPANY	CITY & BOROUGH OF JUNEAU	3.28 AC.±	07–30–1976		
17	STATUTORY WARRANT DEED	VIVIAN ERWIN, LINDA M. BURLING, AND MARSHA BENNET	CITY & BOROUGH OF JUNEAU	2.51 AC.±	09–12–1979		
18	CONDEMNATION	FRANCIS A., JOSEPH M., SIDNEY J., THEORORE J., AND BETTY SMITH	CITY & BOROUGH OF JUNEAU	11.56 AC.±	05–28–1980		
18 LOT 1	DEED OF TRUST TO JAMES A. AND MARGARET H. MCCONAGHY	ALASKA N.W. PROPERTIES	CITY & BOROUGH OF JUNEAU	0.8 AC.±	02–01–1980		
18 LOT 2	NONE (INHOLDING) TO BE ACQUIRED	ALASKA AIRLINES	KENNETH H. LOKEN CHANNEL FLYING	0.8 AC.±	AUGUST 1978		
19	DEED	CLARK S. GROENING AND ROSEMARY GUTE	CITY & BOROUGH OF JUNEAU	2.0 AC.±	01–29–2001		
20	TO BE ACQUIRED	STATE OF ALASKA	CITY & BOROUGH OF JUNEAU	2.7 AC.±	–		
21	TO BE ACQUIRED	STATE OF ALASKA	CITY & BOROUGH OF JUNEAU	2.06 AC.±	–		



BY	DATE	REVISION
DOWL	12/06/13	ASBUILT UPDATE

JUNEAU AIRPORT
JUNEAU, ALASKA
AIRPORT LAYOUT PLAN

PROPERTY MAP

DATE: 04/15/2010

SHEET: 11 OF 11

DOWL FILE No.: 232-89

Designed By: jjones
Drawn By: cwilt
Checked By: bhanson

Date Plotted: 12/06/2013, 9:15 AM
Layout Name: PROP(11)
File Name: P:\Projects\D60633\ALP\JNU-ALP.dwg