

AIRPORT BOARD
AGENDA
6:00 P.M., TUESDAY, DECEMBER 13, 2016
ALASKA ROOM

I. CALL TO ORDER

II. ROLL CALL

III. APPROVAL OF MINUTES: Regular Monthly Meeting of November 8, 2016

IV. APPROVAL OF AGENDA

V. PUBLIC COMMENTS

VI. UNFINISHED BUSINESS

A. **Special Presentation Airport Sustainability Master Plan AECOM and Airport Layout Plan (ALP) Approval** (Attachment #1 – higher resolution copy available at <http://www.juneau.org/airport/projects/AirportSustainability.php>). AECOM has prepared a Draft Airport Layout Plan (ALP) to be sent to the Federal Aviation Administration (FAA) for review. John Yarnish, Aviation Planning Manager with AECOM, will present an overview of the planning process to date and highlights of the draft ALP at the meeting. Staff is seeking concurrence from the Board to submit the Draft ALP to the for FAA review. Once the FAA has reviewed and approved the Draft ALP, the Master Plan document will be brought back to the Board for review and to forward to the Assembly for final approval.

Board Motion: “Approval of the draft Airport Layout Plan, as presented, and forward to the Federal Aviation Administration for review.”

B. **Special Presentation Airport History.** A special encore presentation for the Airport Board. The Airport was one of three presentations at the Juneau Douglas City Museum on November 3, 2016 with the theme: “*Capital City Landmarks: Stories from the Ground Up*”. The Board asked staff to present this again at the Board meeting.

VII. NEW BUSINESS

A. **Airport Manager’s Report:**

1. Christmas Lights Flights Fundraiser. The annual Christmas Lights Flight fundraiser will be taking place Friday, December 16 from 4:30 p.m. to 7:30 p.m. (weather permitting) at the north end of the terminal. This has been a great annual fundraiser for the Children’s Tumor Foundation and Lions Sight Project. These night helicopter tours are a well-attended event in the community. Airport tenants donate their time, equipment and fuel for this event and it is sponsored by Coastal Helicopters, Petro Marine and Mendenhall Flying Lions.

2. Airport Engineer Report (Attachment #2)

3. Airport Architect Report (Attachment #3)

VIII. CORRESPONDENCE:

IX. COMMITTEE REPORTS

A. **Finance Committee:**

B. **Operations Committee:**

X. ASSEMBLY LIAISON

XI. PUBLIC COMMENTS

XII. BOARD MEMBER COMMENTS

XIII. ANNOUNCEMENTS: Monday, December 12, 2016, 6:00 p.m.: Assembly Committee of the Whole Meeting (Assembly Chambers), the Airport (Board) will be presenting a brief department update followed by AECOMs update of the Airport Sustainability Master Plan

XIV. TIME AND PLACE OF NEXT MEETING:

A. Airport Board, 6:00 p.m., January 10, 2017, Alaska Room

XV. EXECUTIVE SESSION

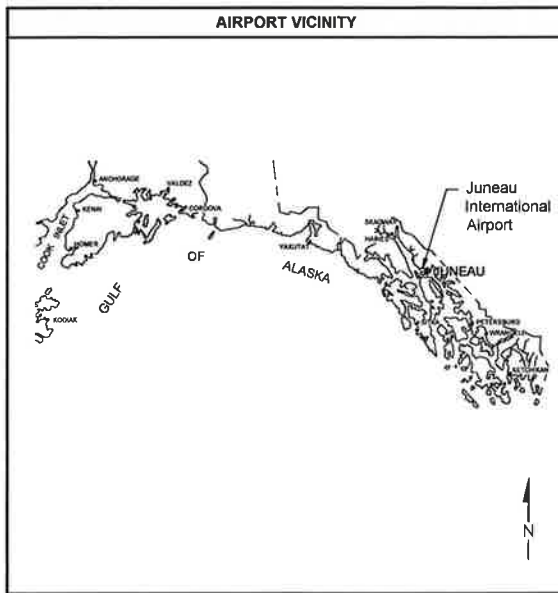
XVI. ADJOURN

AIP NUMBER: 3-02-0133-059-2013

SHEET	1 OF 11:	TITLE SHEET
SHEET	2 OF 11:	DATA SHEET
SHEET	3 OF 11:	EXISTING AIRPORT LAYOUT PLAN
SHEET	4 OF 11:	AIRSPACE PLAN - RUNWAY 8-26
SHEET	5 OF 11:	INNER APPROACH SURFACE, RUNWAY 8-26
SHEET	6 OF 11:	INNER APPROACH SURFACE, RUNWAY 8W-26W
SHEET	7 OF 11:	RUNWAY DEPARTURE SURFACE
SHEET	8 OF 11:	TERMINAL AREA DRAWING - NORTHWEST
SHEET	9 OF 11:	TERMINAL AREA DRAWING - SOUTHEAST
SHEET	10 OF 11:	LAND USE DRAWING
SHEET	11 OF 11:	AIRPORT PROPERTY MAP (EXHIBIT 'A')

[illegible]

ATTACHMENT #1



AIRPORT DATA TABLE		
ITEM	EXISTING	PROPOSED
AIRPORT TERMINAL CODE	JNU	NO CHANGE
AIRPORT ELEVATION (MSL)	25.3'	NO CHANGE
AIRPORT REFERENCE POINT (ARP) (NAD 83)	LAT. 58° 21' 16.9625" N LONG. 134° 34' 42.4938" W	NO CHANGE
MEAN MAX. TEMP. OF HOTTEST MONTH	65°F (JULY)	NO CHANGE
COMBINED WIND COVERAGE (ALL WEATHER)	100.00% (16 KNOTS)	NO CHANGE
MAGNETIC DECLINATION 8 YEAR	20° 02' E (2015)	-0.19° W / YEAR
AIRPORT REFERENCE CODE (ARC)	C-III	NO CHANGE
CRITICAL AIRCRAFT 1,000 MILE STAGE LENGTH	BOEING 737-400	BOEING 737-900W
NPIAS SERVICE LEVEL	COMMERCIAL SERVICE (CM)	NO CHANGE
TAXIWAY LIGHTING	MITL	NO CHANGE
TAXIWAY MARKING	STANDARD	NO CHANGE
AIRPORT & TERMINAL NAVAIDS	BEACON, NDB, LDA, LDIN, RVR	BEACON, NDB, LDA, LDIN, RVR, ADS-B

MODIFICATION TO STANDARDS			
DATE	AIRSPACE CASE NO.	STANDARD MODIFIED	DESCRIPTION
-	-	RUNWAY 8-26 OFA	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

NON-STANDARD CONDITIONS			
ITEM	STANDARD	EXISTING	ULTIMATE
RUNWAY 8 SAFETY AREA (RSA) LENGTH BEYOND RWY END	1,000'	600'	* 1,000'
RUNWAY 26 SAFETY AREA (RSA) LENGTH BEYOND RWY END	1,000'	600'	* 1,000'
-	-	-	-
-	-	-	-
-	-	-	-

* RSA COMPLIANCE IS ACCOMMODATED THROUGH DECLARED DISTANCES; 600' BEYOND RUNWAY END, 1,000' BEYOND ASDA

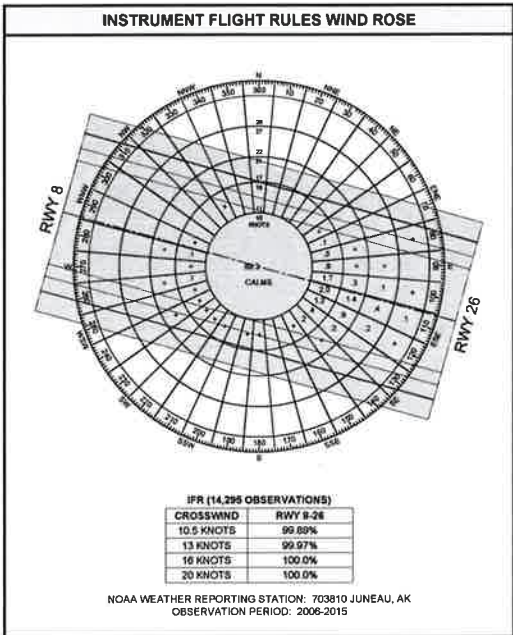
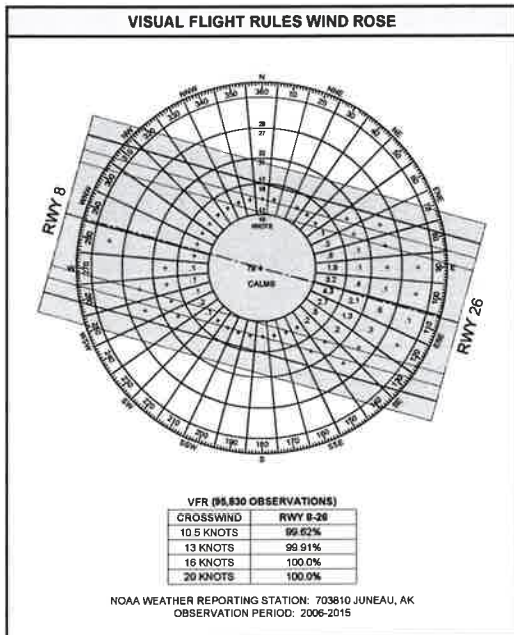
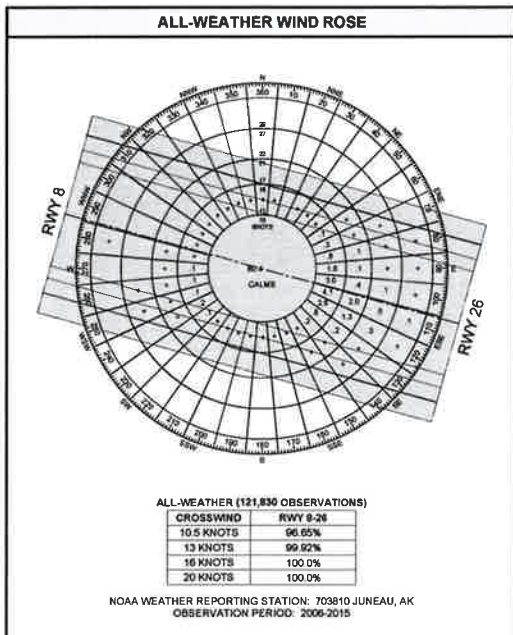
DECLARED DISTANCES				
RUNWAY	TORA	TODA	ASDA	LDA
8	8,857'	8,857'	8,457'	8,457'
26	8,857'	8,857'	8,457'	8,457'
8W	4,800'	4,800'	4,800'	4,800'
26W	4,800'	4,800'	4,800'	4,800'

RUNWAY DATA TABLE									
ITEM	RUNWAY 8-26				WATERWAY 8W-26W				
	EXISTING	PROPOSED	EXISTING	PROPOSED	EXISTING	PROPOSED	EXISTING	PROPOSED	
RUNWAY IDENTIFICATION	OTHER THAN UTILITY	NO CHANGE	UTILITY	NO CHANGE	UTILITY	NO CHANGE	UTILITY	NO CHANGE	
RUNWAY DESIGN CODE (RDC)	C-III	NO CHANGE	D-III	NO CHANGE	A-II	NO CHANGE	A-II	NO CHANGE	
RUNWAY REFERENCE CODE (RRC)	C-III/4000	NO CHANGE	D-III/4000	NO CHANGE	A-II/4000	NO CHANGE	A-II/4000	NO CHANGE	
PAVEMENT TYPE/TREATMENT	ASPHALT (GROOVED)	NO CHANGE	WATER	NO CHANGE	WATER	NO CHANGE	WATER	NO CHANGE	
PAVEMENT DESIGN	SINGLE GEAR: 120	NO CHANGE	N/A	NO CHANGE	N/A	NO CHANGE	N/A	NO CHANGE	
STRENGTH (x1,000 LBS)	DUAL GEAR: 250	NO CHANGE	N/A	NO CHANGE	N/A	NO CHANGE	N/A	NO CHANGE	
PAVEMENT DESIGN STRENGTH (PCN)	DUAL TANDEM GEAR: 550	NO CHANGE	N/A	NO CHANGE	N/A	NO CHANGE	N/A	NO CHANGE	
EFFECTIVE RUNWAY GRADIENT	8%/C/C/T	NO CHANGE	0.00%	NO CHANGE	0.00%	NO CHANGE	0.00%	NO CHANGE	
LINE-OF-SITE	NO ISSUES	NO CHANGE	NO ISSUES	NO CHANGE	NO ISSUES	NO CHANGE	NO ISSUES	NO CHANGE	
PERCENT WIND COVERAGE (16 KNOT)	100.00%	NO CHANGE	100.00%	NO CHANGE	100.00%	NO CHANGE	100.00%	NO CHANGE	
RUNWAY DIMENSIONS	STANDARD	ACTUAL	STANDARD	ACTUAL	STANDARD	ACTUAL	STANDARD	ACTUAL	
WIDTH	150'	150'	NO CHANGE	200'	200'	NO CHANGE	200'	200'	
LENGTH	8,567'	NO CHANGE	2,500'	4,800'	NO CHANGE	2,500'	4,800'	NO CHANGE	
DISPLACED THRESHOLD (DISTANCE/ELEVATION)	STANDARD	ACTUAL	STANDARD	ACTUAL	STANDARD	ACTUAL	STANDARD	ACTUAL	
RUNWAY SAFETY AREA (RSA)	1,000'	600'	NO CHANGE	300'	300'	NO CHANGE	300'	300'	
LENGTH BEYOND DEPARTURE END:	600'	600'	NO CHANGE	300'	300'	NO CHANGE	300'	300'	
LENGTH PRIOR TO THRESHOLD:	500'	500'	NO CHANGE	150'	150'	NO CHANGE	150'	150'	
END COORDINATES (NAD 83):	LATITUDE: 58°21'28.25" N LONGITUDE: 134°35'48.08" W	58°21'05.88" N 134°33'06.63" W	NO CHANGE	58°21'10.71" N 134°35'52.23" W	58°21'10.71" N 134°34'25.26" W	NO CHANGE	58°21'10.71" N 134°35'52.23" W	58°21'10.71" N 134°34'25.26" W	
RUNWAY ORIENTATION	NO CHANGE	NO CHANGE	NO CHANGE	NO CHANGE	NO CHANGE	NO CHANGE	NO CHANGE	NO CHANGE	
RUNWAY LIGHTING	HIRL	NO CHANGE	NO CHANGE	NO CHANGE	NO CHANGE	NO CHANGE	NO CHANGE	NO CHANGE	
RUNWAY PROTECTION ZONE (RPZ)	STANDARD	ACTUAL	STANDARD	ACTUAL	STANDARD	ACTUAL	STANDARD	ACTUAL	
LENGTH:	1,700'	1,000'	NO CHANGE	1,000'	1,000'	NO CHANGE	1,000'	1,000'	
INNER WIDTH:	500'	500'	NO CHANGE	250'	250'	NO CHANGE	250'	250'	
OUTER WIDTH:	1,010'	1,010'	NO CHANGE	450'	450'	NO CHANGE	450'	450'	
MARKING	NON PRECISION	NON PRECISION	NO CHANGE	N/A	N/A	NO CHANGE	N/A	N/A	
14 CFR PART 77 APPROACH SLOPE	34:1	34:1	NO CHANGE	20:1	20:1	NO CHANGE	20:1	20:1	
APPROACH TYPE	NPI	NPI	NO CHANGE	VISUAL	VISUAL	NO CHANGE	VISUAL	VISUAL	
VISIBILITY MINIMUMS	2.1 NM	2.1 NM	NO CHANGE	NO CHANGE	NO CHANGE	NO CHANGE	NO CHANGE	NO CHANGE	
TYPE OF AERONAUTICAL SURVEY REQUIRED	TBD	TBD	NO CHANGE	TBD	TBD	NO CHANGE	TBD	TBD	
RUNWAY DEPARTURE SURFACE	TBD - %	TBD - %	NO CHANGE	TBD - %	TBD - %	NO CHANGE	TBD - %	TBD - %	
OBJECT FREE AREA (OFA)	STANDARD	ACTUAL	STANDARD	ACTUAL	STANDARD	ACTUAL	STANDARD	ACTUAL	
LENGTH BEYOND DEPARTURE END:	600'	600'	NO CHANGE	240'	240'	NO CHANGE	240'	240'	
LENGTH PRIOR TO THRESHOLD:	1,000'	600'	NO CHANGE	240'	240'	NO CHANGE	240'	240'	
WIDTH:	800'	730'	NO CHANGE	250'	250'	NO CHANGE	250'	250'	
OBSTACLE FREE ZONE (OFZ)	(NO OFZ OBJECT PENETRATIONS)	(NO OFZ OBJECT PENETRATIONS)	NO CHANGE	(NO OFZ OBJECT PENETRATIONS)	(NO OFZ OBJECT PENETRATIONS)	NO CHANGE	(NO OFZ OBJECT PENETRATIONS)	(NO OFZ OBJECT PENETRATIONS)	
LENGTH BEYOND RW END:	400'	400'	NO CHANGE	400'	400'	NO CHANGE	400'	400'	
THRESHOLD SITING SURFACE (TSS)	RW 8	RW 26	NO CHANGE	RW 8	RW 26	NO CHANGE	RW 8	RW 26	
NAVAIDS	VISUAL: MALSF, LDIN, VASI, REILS	MALSF, PAPI, REILS	NO CHANGE	NONE	NONE	NO CHANGE	NONE	NONE	
INSTRUMENT:	GPS, ILS, LDA/DME	GPS	NO CHANGE	NONE	NONE	NO CHANGE	NONE	NONE	
TOUCHDOWN ZONE ELEVATION	25.0'	23.4'	NO CHANGE	12'	12'	NO CHANGE	12'	12'	

ABBREVIATIONS	
ITEM	DEFINITION
ARFF	AIRCRAFT RESCUE FIRE FIGHTING
ARP	AIRPORT REFERENCE POINT
ASD-B	AUTOMATIC DEPENDENT SURVEILLANCE-BROADCAST
ASDA	ACCELERATE STOP DISTANCE AVAILABLE
ASOS	AUTOMATED SURFACE OBSERVING SYSTEM
ASR	AIRPORT SURVEILLANCE RADAR
ATCT	AIRPORT TRAFFIC CONTROL TOWER
BRL	BUILDING RESTRICTION LINE
HIRL	HIGH INTENSITY RUNWAY LIGHTS
IFR	INSTRUMENT FLIGHT RULES
ILS	INSTRUMENT LANDING SYSTEM
LDA	LOCALIZER DIRECTIONAL AID
LDIN	LANDING DISTANCE AVAILABLE
LDIN	LEAD-IN LIGHTS
MALS	MEDIUM INTENSITY APPROACH LIGHTING SYSTEM
MALSF	MEDIUM INTENSITY APPROACH LIGHTING SYSTEM WITH SEQUENCED FLASHING LIGHTS
MITL	MEDIUM INTENSITY TAXIWAY LIGHTS
MSL	MEAN SEA LEVEL
NDB	NON-DIRECTIONAL BEACON

ABBREVIATIONS	
ITEM	DEFINITION
NPI	NON-PRECISION INSTRUMENT APPROACH
NPIAS	NATL. PLAN OF INTEGRATED AIRPORT SYSTEMS
OFA	RUNWAY OBJECT FREE AREA
OFZ	RUNWAY OBJECT FREE ZONE
PAPI	PRECISION APPROACH PATH INDICATOR
PAPI	PRECISION INSTRUMENT APPROACH
RAC	RENT-A-CAR
REIL	RUNWAY END IDENTIFIER LIGHTS
RNAV	AREA NAVIGATION
RPZ	RUNWAY PROTECTION ZONE
RSA	RUNWAY SAFETY AREA
RVR	RUNWAY VISUAL RANGE
RWZ	RUNWAY VISIBILITY ZONE
SRE	SNOW REMOVAL EQUIPMENT
TODA	TAKE OFF DISTANCE AVAILABLE
TORA	TAXIWAY OBJECT FREE AREA
TORA	TAKE OFF RUN AVAILABLE
VASI	VISUAL APPROACH SLOPE INDICATOR
VFR	VISUAL FLIGHT RULES

NOTES	
1.	THE HORIZONTAL DATUM IS NAD83(CORS96) (EPOCH:2010.00).
2.	THE VERTICAL DATUM IS NAV 88 ORTHOMETRIC HEIGHTS. THE BASIS OF ELEVATIONS IS THE NATIONAL GEODETIC SURVEY (NGS) PRIMARY AIRPORT CONTROL STATION (PACS) "JNU C", PIS A1496, HAVING A NAVD 88 ORTHOMETRIC HEIGHT OF 21,528 FEET. THE NAVD 99 ORTHOMETRIC HEIGHT FOR THIS POINT WAS DETERMINED BY UTILIZING THE NGS PUBLISHED ELLIPSOID HEIGHT AND A HIGH-RESOLUTION GEOID MODEL (GEOID-09).



TAXIWAY DATA TABLE											
ITEM	TAXIWAY A		TAXIWAY B		TAXIWAY B-1		TAXIWAY B-2		TAXIWAY C		
AIRPLANE DESIGN GROUP (ADG)	III		III		II		II		III		
TAXIWAY DESIGN GROUP (TDG)	3		3		2		2		3		
TAXIWAY/TAXILANE WIDTH	STANDARD	ACTUAL	STANDARD	ACTUAL	STANDARD	ACTUAL	STANDARD	ACTUAL	STANDARD	ACTUAL	
TAXIWAY/TAXILANE SAFETY AREA (TSA) WIDTH	50'	75'	50'	102.5'	30'	30'	30'	75'	50'	260'	
TAXIWAY/TAXILANE OBJECT FREE AREA (TOFA)	118'/162'	118'	118'/162'	118'	79'	79'	79'	118'	118'	118'	
TAXIWAY/TAXILANE SEPARATION	160'	233'	160'	-	70'	-	70'	-	160'	-	
TAXIWAY/TAXILANE LIGHTING	MITL	-	MITL	-	MITL	-	MITL	-	MITL	-	
ITEM	TAXIWAY C-1		TAXIWAY D		TAXIWAY D-1		TAXIWAY D-2		TAXIWAY E		
AIRPLANE DESIGN GROUP (ADG)	III		III		II		II		III		
TAXIWAY DESIGN GROUP (TDG)	3		3		2		2		3		
TAXIWAY/TAXILANE WIDTH	STANDARD	ACTUAL	STANDARD	ACTUAL	STANDARD	ACTUAL	STANDARD	ACTUAL	STANDARD	ACTUAL	
TAXIWAY/TAXILANE SAFETY AREA (TSA) WIDTH	50'	82'	50'	50'	30'	30'	30'	40'	50'	100'	
TAXIWAY/TAXILANE OBJECT FREE AREA (TOFA)	118'/162'	118'	118'/162'	118'	79'	79'	79'	79'	118'	118'	
TAXIWAY/TAXILANE SEPARATION	160'	196'	160'/162'	196'	131'/115'	131'/115'	131'/115'	131'	160'/162'	196'	
TAXIWAY/TAXILANE LIGHTING	MITL	-	MITL	-	MITL	-	MITL	-	MITL	-	
ITEM	TAXIWAY E-1		TAXIWAY F		TAXIWAY F-1		TAXIWAY G				
AIRPLANE DESIGN GROUP (ADG)	III		III		II		III				
TAXIWAY DESIGN GROUP (TDG)	3		3		2		3				
TAXIWAY/TAXILANE WIDTH	STANDARD	ACTUAL	STANDARD	ACTUAL	STANDARD	ACTUAL	STANDARD	ACTUAL			
TAXIWAY/TAXILANE SAFETY AREA (TSA) WIDTH	50'	75'	50'	75'	30'	40'	50'	242'			
TAXIWAY/TAXILANE OBJECT FREE AREA (TOFA)	118'/162'	118'	118'/162'	118'	79'	79'	118'	118'			
TAXIWAY/TAXILANE SEPARATION	160'	-	160'/162'	196'	131'/115'	131'	160'/162'	196'			
TAXIWAY/TAXILANE LIGHTING	MITL	-	160'	-	70'	-	160'	-			
	MITL	-	MITL	-	MITL	-	MITL	-			

APPROVAL:

FEDERAL AVIATION ADMINISTRATION APPROVAL
AIRPORTS DIVISION ALASKAN REGION

J:\JNU-Shared\02 Airport Data Sheet.dwg

AECOM 1501 4TH AVENUE, SUITE 1400 SEATTLE, WA 98101 PHONE: 206-436-2700	
PROJECT MANAGER: JJY	DRAFTED BY: RLO
DESIGNED BY: RLO	CHECKED BY: JJY

#	REVISION	COMPANY	BY	DATE

THE PREPARATION OF THIS AIRPORT LAYOUT PLAN (ALP) WAS FINANCED IN PART THROUGH A PLANNING GRANT FROM THE FEDERAL AVIATION ADMINISTRATION (FAA) AS PROVIDED UNDER SECTION 505 OF THE AIRPORT AND AIRWAY IMPROVEMENT ACT OF 1982. THE CONTENTS DO NOT NECESSARILY REFLECT THE OFFICIAL VIEWS OR POLICIES OF THE FAA. ACCEPTANCE OF THIS ALP BY THE FAA DOES NOT IN ANY WAY CONSTITUTE A COMMITMENT ON THE PART OF THE UNITED STATES TO PARTICIPATE IN ANY DEVELOPMENT DEPICTED THEREIN NOR DOES IT IMPLY THAT THE PROPOSED DEVELOPMENT IS ENVIRONMENTALLY ACCEPTABLE IN ACCORDANCE WITH APPROPRIATE PUBLIC LAWS.

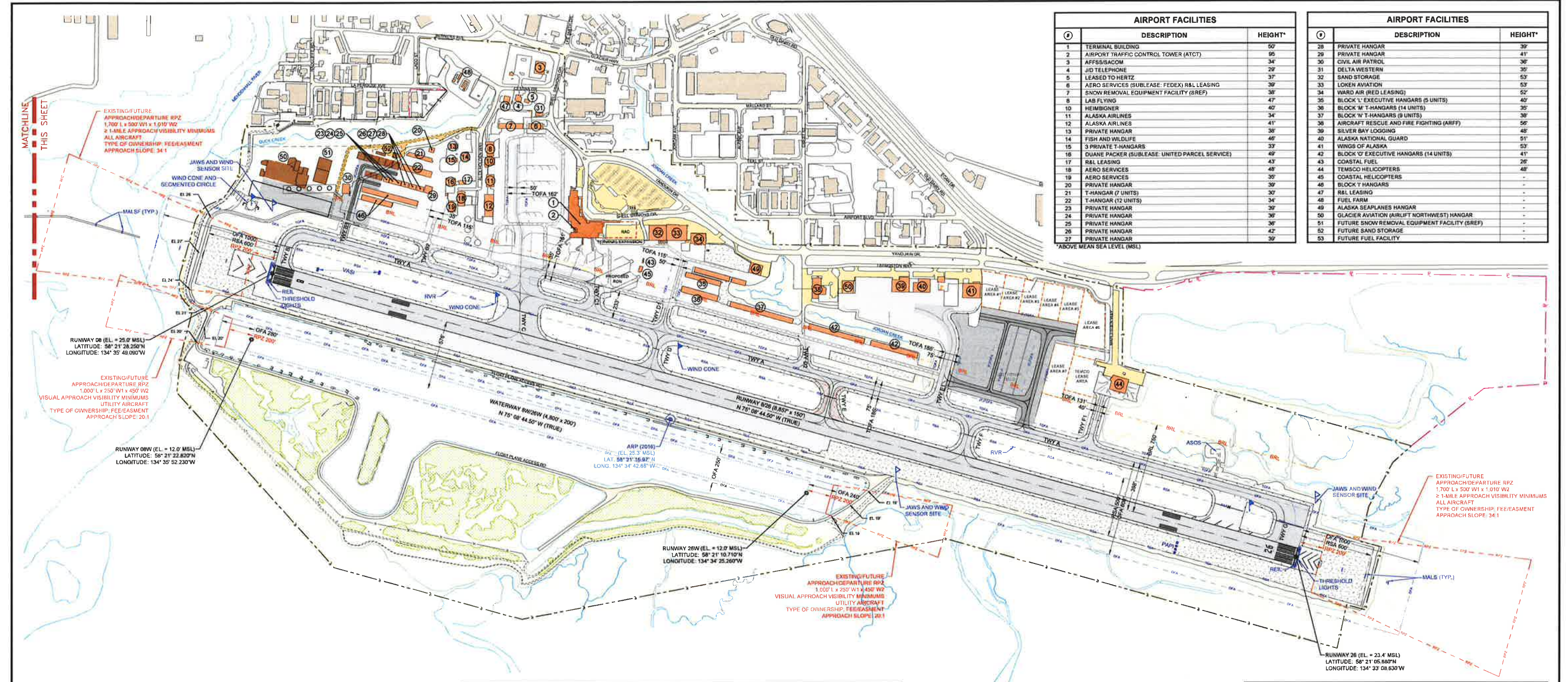
APPROVAL:	FEDERAL AVIATION ADMINISTRATION APPROVAL AIRPORTS DIVISION ALASKAN REGION
Name / Title	Date
APPROVAL:	CITY/BOROUGH OF JUNEAU
Name / Title	Date



JUNEAU INTERNATIONAL AIRPORT AIRPORT MASTER PLAN	
AIRPORT DATA SHEET	
SCALE:	DATE: NOVEMBER 2016

AIP NUMBER:	3-02-0133-059-2013
SHEET NUMBER:	2 OF 11

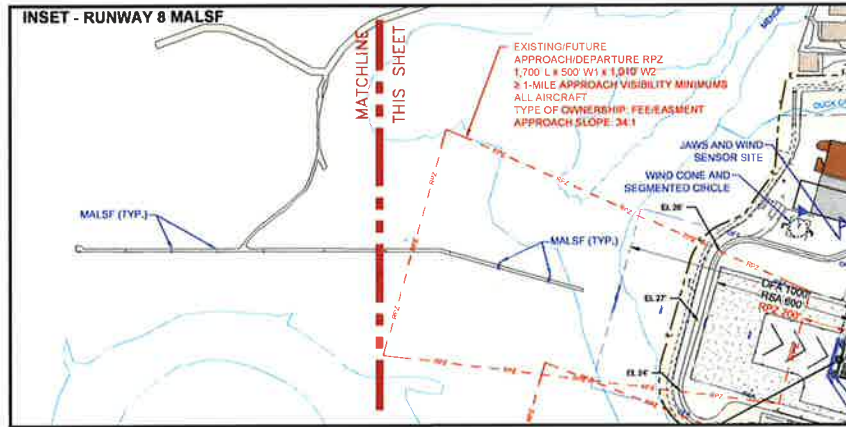
ATTACHMENT #1



AIRPORT FACILITIES		
#	DESCRIPTION	HEIGHT*
1	TERMINAL BUILDING	50'
2	AIRPORT TRAFFIC CONTROL TOWER (ATCT)	95'
3	AFBSS/ACOM	34'
4	J/D TELEPHONE	29'
5	LEASED TO HERTZ	37'
6	AERO SERVICES (SUBLEASE: FEDEX) R/L LEASING	39'
7	SNOW REMOVAL EQUIPMENT FACILITY (SREF)	38'
8	LAB FLYING	47'
10	HEMBINGER	40'
11	ALASKA AIRLINES	34'
12	ALASKA AIRLINES	41'
13	PRIVATE HANGAR	36'
14	FISH AND WILDLIFE	46'
15	3 PRIVATE T-HANGARS	35'
16	QUAKE PACKER (SUBLEASE: UNITED PARCEL SERVICE)	49'
17	R/L LEASING	43'
18	AERO SERVICES	48'
19	AERO SERVICES	39'
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'

AIRPORT FACILITIES		
#	DESCRIPTION	HEIGHT*
28	PRIVATE HANGAR	39'
29	PRIVATE HANGAR	41'
30	CIVIL AIR PATROL	36'
31	DELTA WESTERN	36'
32	SAND STORAGE	53'
33	LOKEN AVIATION	53'
34	WARD AIR (RED LEASING)	52'
35	BLOCK 1: EXECUTIVE HANGARS (5 UNITS)	40'
36	BLOCK 1: T-HANGARS (14 UNITS)	35'
37	BLOCK 1: T-HANGARS (8 UNITS)	36'
38	AIRCRAFT RESCUE AND FIRE FIGHTING (ARFF)	56'
39	SILVER BAY LOGGING	48'
40	ALASKA NATIONAL GUARD	51'
41	WINGS OF ALASKA	53'
42	BLOCK 2: EXECUTIVE HANGARS (14 UNITS)	41'
43	COASTAL FUEL	26'
44	TEMSCO HELICOPTERS	48'
45	COASTAL HELICOPTERS	-
46	BLOCK 2 HANGARS	-
47	R/L LEASING	-
48	FUEL FARM	-
49	ALASKA SEAPLANES HANGAR	-
50	GLACIER AVIATION (AIRLIFT NORTHWEST) HANGAR	-
51	FUTURE SNOW REMOVAL EQUIPMENT FACILITY (SREF)	-
52	FUTURE SAND STORAGE	-
53	FUTURE FUEL FACILITY	-

LEGEND		
DESCRIPTION	EXISTING	PROPOSED
AIRFIELD UNPAVED APRON		NO CHANGE
AIRFIELD PAVEMENT		NO CHANGE
AIRPORT PROPERTY		NO CHANGE
AIRPORT REFERENCE POINT (ARP)		NO CHANGE
AUTOMOBILE PARKING - ON AIRPORT		NO CHANGE
BUILDING - OFF AIRPORT		NOT APPLICABLE
BUILDING - ON AIRPORT		NOT APPLICABLE
BUILDING RESTRICTION LINE (BRL)		NO CHANGE
FENCE		NO CHANGE
HOLDING POSITION MARKING		NO CHANGE
JUNEAU AIRPORT WIND SYSTEM (JAWS)		NO CHANGE
PRECISION APPROACH PATH INDICATOR		NO CHANGE
ROADWAY		NO CHANGE
RUNWAY END IDENTIFIER LIGHTS (REIL)		NO CHANGE
RUNWAY OBJECT FREE AREA (OFA)		NO CHANGE
RUNWAY OBJECT FREE ZONE (OFZ)		NO CHANGE
RUNWAY PROTECTION ZONE (RPZ)		NO CHANGE
RUNWAY SAFETY AREA (RSA)		NO CHANGE
TAXIWAY OBJECT FREE AREA (TOFA)		NO CHANGE
TO BE REMOVED	NA	
TOPOGRAPHIC CONTOUR		NO CHANGE
TREES		NO CHANGE
VISUAL APPROACH SLOPE INDICATOR (VASI)		NO CHANGE
WIND SOCK		NO CHANGE

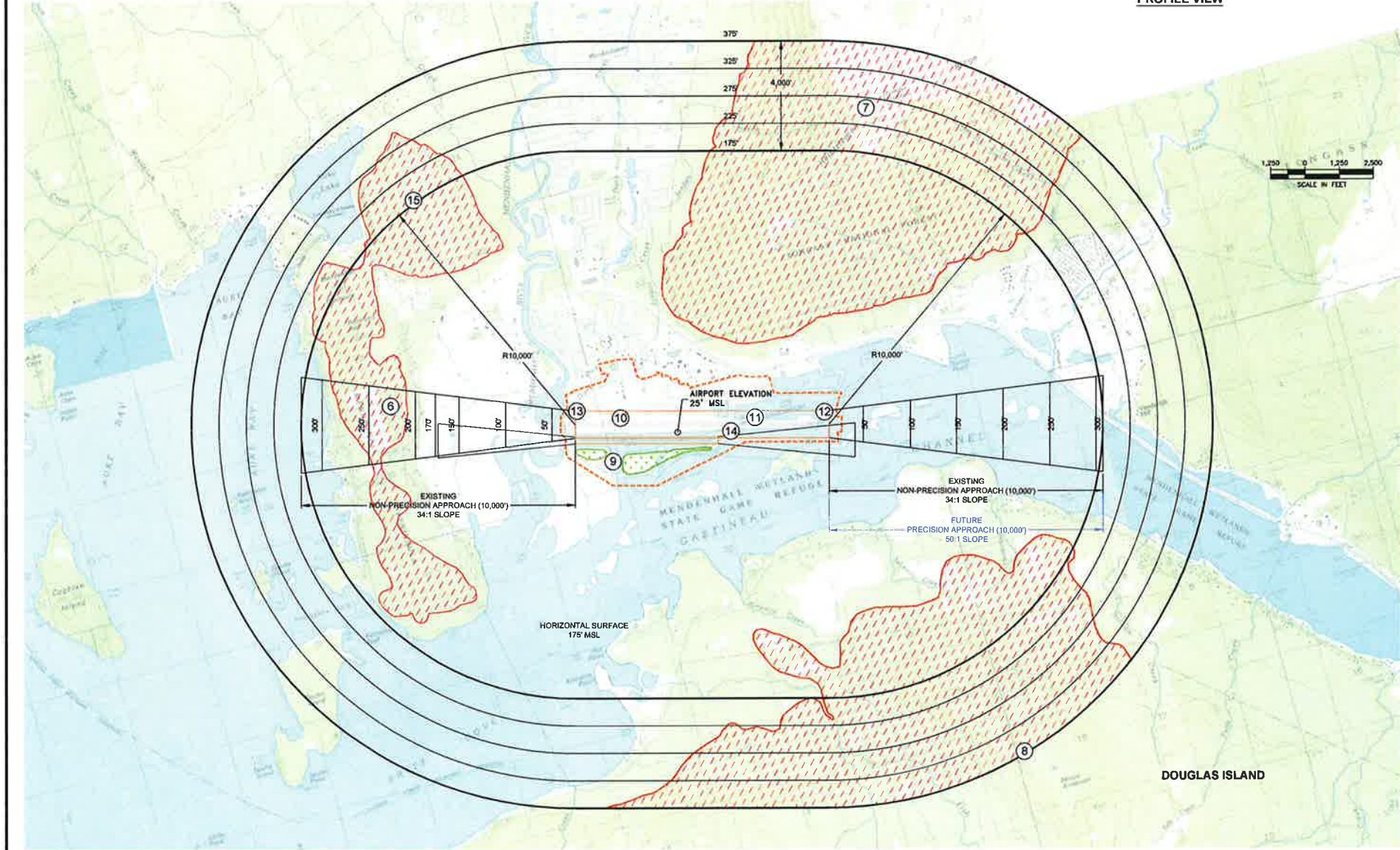
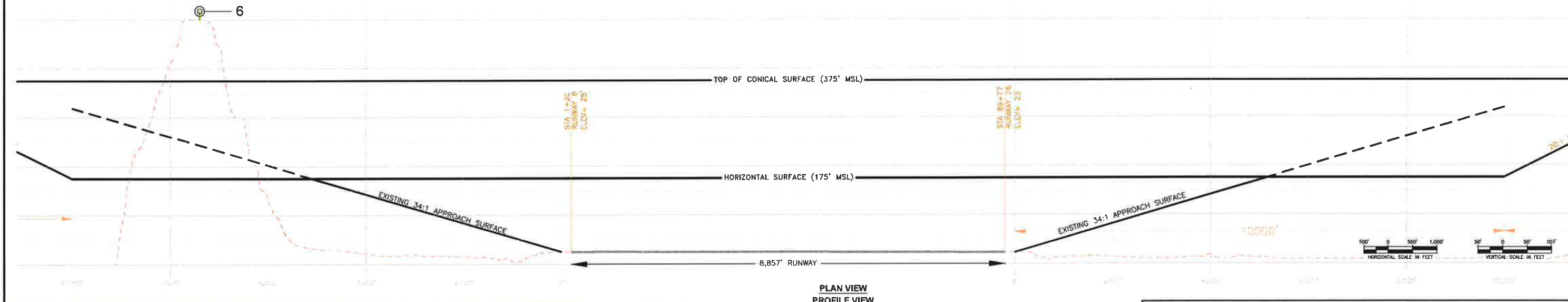


APPROVAL:
FEDERAL AVIATION ADMINISTRATION APPROVAL
AIRPORTS DIVISION ALASKAN REGION

NOTES	
1.	SEE SHEET 9 OF 11 FOR DETAILS ON LANDSIDE DEVELOPMENT.
2.	THE BUILDING RESTRICTION LINE (BRL) IS BASED ON A MAXIMUM BUILDING HEIGHT OF 36 FEET AT A 250' DISTANCE FROM THE PRIMARY SURFACE. MAXIMUM ALLOWABLE BUILDING HEIGHT FROM THE BRL INCREASES AT A 7:1 HORIZONTAL TO VERTICAL SLOPE UPWARD AND AWAY FROM THE PRIMARY SURFACE IN CONFORMANCE WITH FAR PART 77 SURFACES.
3.	RUNWAY PROTECTION ZONE CONTROL IS VIA OWNERSHIP AND EASEMENT BOTH RUNWAY ENDS.
4.	TAXIWAY A IS NOT PARALLEL TO RUNWAY 8-26

AECOM 1501 4TH AVENUE, SUITE 1400 SEATTLE, WA 98101 PHONE: 206-438-2700		PROJECT MANAGER: JJY DESIGNED BY: RLO		DRAFTED BY: RLO CHECKED BY: JJY		THE PREPARATION OF THIS AIRPORT LAYOUT PLAN (ALP) WAS FINANCED IN PART THROUGH A PLANNING GRANT FROM THE FEDERAL AVIATION ADMINISTRATION (FAA) AS PROVIDED UNDER SECTION 505 OF THE AIRPORT AND AIRWAY IMPROVEMENT ACT OF 1982. THE CONTENTS DO NOT NECESSARILY REFLECT THE OFFICIAL VIEWS OR POLICIES OF THE FAA. ACCEPTANCE OF THIS ALP BY THE FAA DOES NOT IN ANY WAY CONSTITUTE A COMMITMENT ON THE PART OF THE UNITED STATES TO PARTICIPATE IN ANY DEVELOPMENT DEPICTED THEREIN NOR DOES IT IMPLY THAT THE PROPOSED DEVELOPMENT IS ENVIRONMENTALLY ACCEPTABLE IN ACCORDANCE WITH APPROPRIATE PUBLIC LAWS.		APPROVAL: FEDERAL AVIATION ADMINISTRATION APPROVAL AIRPORTS DIVISION ALASKAN REGION Name / Title: _____ Date: _____ APPROVAL: CITY/BOROUGH OF JUNEAU Name / Title: _____ Date: _____		JUNEAU INTERNATIONAL AIRPORT AIRPORT MASTER PLAN AIRPORT LAYOUT PLAN SCALE: 1" = 400' DATE: NOVEMBER 2016		AIP NUMBER: 3-02-0133-059-2013 SHEET NUMBER: 3 OF 11	
---	--	--	--	------------------------------------	--	--	--	--	--	--	--	---	--

ATTACHMENT #1



OBSTRUCTION DATA TABLE								
#	DESCRIPTION	SURVEY DATE	GROUND ELEV.	OBJECT ELEV.	SURFACE	SURFACE ELEV.	PNTR.	CORRECTIVE ACTION
1-5	SEE SHEETS 6 & 7 FOR DETAILS							
6	TERRAIN	-	500'	500'	34:1 APPROACH	250'	245'	NONE
7	TERRAIN	-	2,900'	2,900'	CONICAL	280'	2,820'	NONE
8	TERRAIN	-	2,100'	2,100'	CONICAL	383'	1,717'	NONE
9	TREES	-	25'	25'	TRANSITIONAL	50'	15'	NONE
10	RVR	-	-	37'	PRIMARY	29'	9'	NONE
11	RVR	-	-	28'	PRIMARY	23'	9'	NONE
12	JAWS	-	-	48'	PRIMARY	23'	25'	NONE
13	JAWS	-	-	50'	PRIMARY	24'	26'	NONE
14	JAWS	-	-	51'	PRIMARY	25'	28'	NONE
15	TERRAIN	-	560'	560'	CONICAL	212'	348'	NONE
16	TERRAIN	-	VARIES	VARIES	34:1 APPROACH, TRANSITIONAL, HORIZONTAL, CONICAL	VARIES	VARIES	NONE
17	TREES	-	VARIES	VARIES	34:1 APPROACH, TRANSITIONAL, HORIZONTAL, CONICAL	VARIES	VARIES	REMOVE AS NECESSARY

FAR PART 77 DIMENSIONAL STANDARDS			
ITEM	RUNWAY 8	RUNWAY 26	RUNWAY 26W
RUNWAY TYPE	NON-PRECISION INSTRUMENT OTHER THAN UTILITY, VISIBILITY MINIMUMS NOT LESS THAN 1-MILE	NON-PRECISION INSTRUMENT OTHER THAN UTILITY, VISIBILITY MINIMUMS NOT LESS THAN 1-MILE	UTILITY, VISUAL APPROACH
APPROACH SLOPE	34:1	34:1	20:1
APPROACH SURFACE - INNER WIDTH	1,000'	1,000'	250'
APPROACH SURFACE - OUTER WIDTH	4,000'	4,000'	1,125'
APPROACH SURFACE - LENGTH	10,000'	10,000'	5,000'
PRIMARY SURFACE - WIDTH		1,000'	
RADIUS OF HORIZONTAL SURFACE		10,000'	
RUNWAY TYPE	UTILITY, VISUAL APPROACH	UTILITY, VISUAL APPROACH	
APPROACH SLOPE			20:1
APPROACH SURFACE - INNER WIDTH			250'
APPROACH SURFACE - OUTER WIDTH			1,125'
APPROACH SURFACE - LENGTH			5,000'
PRIMARY SURFACE - WIDTH			250'
RADIUS OF HORIZONTAL SURFACE			5,000'

LEGEND	
DESCRIPTION	SYMBOL
ELEVATION ABOVE MEAN SEA LEVEL (MSL)	EL
AMOUNT OF OBJECT PENETRATION INTO PART 77 SURFACE	PNTR.
AREAS IN WHICH TERRAIN PENETRATES INTO PART 77 SURFACE	
AREAS IN WHICH TREES PENETRATE INTO PART 77 SURFACE	
AIRPORT PROPERTY	

- NOTES**
- ELEVATION IN FEET ABOVE MEAN SEA LEVEL (MSL) AT TOP OF OBJECT. THIS VALUE INCLUDES 15 FEET ADDED TO NON-INTERSTATE ROADWAYS AND 23 FEET ADDED TO RAILROADS.
 - OBSTRUCTION DATA SOURCE: 2014 AIRPORT LAYOUT PLAN
 - SEE INNER APPROACH SURFACES DRAWINGS, SHEETS 6 AND 7 FOR CLOSE-IN DETAILS.
 - US GEOLOGICAL SURVEY (USGS) DIGITAL RASTER GRAPHIC (DRG) 7.5 MINUTE QUAD PROJECTED IN UNIVERSAL TRANSVERSE MERCATOR (UTM) ZONE 8. USGS MAPS DATED 1986. HORIZONTAL DATUM: NORTH AMERICAN DATUM (NAD) 1927, VERTICAL DATUM: NATIONAL GEODETIC VERTICAL DATUM 1929.

ONE INCH
AT FULL SIZE IF NOT ONE INCH
SCALE ACCORDINGLY

1501 4TH AVENUE, SUITE 1400
SEATTLE, WA 98101
PHONE: 206-438-2700

#	REVISION	COMPANY	BY	DATE

PROJECT MANAGER: JJY DRAFTED BY: RLO

DESIGNED BY: RLO CHECKED BY: JJY

JUNEAU INTERNATIONAL AIRPORT
ALASKA'S CAPITAL CITY

JUNEAU INTERNATIONAL AIRPORT
AIRPORT MASTER PLAN

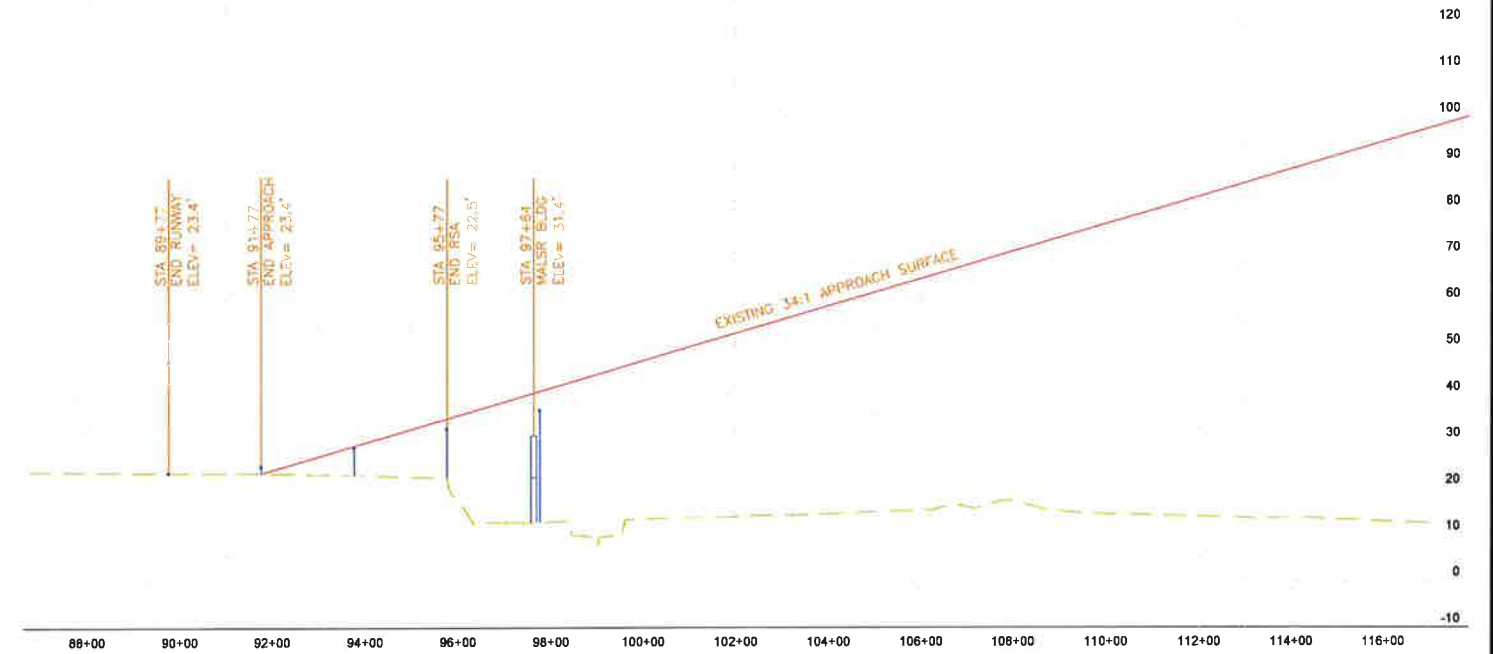
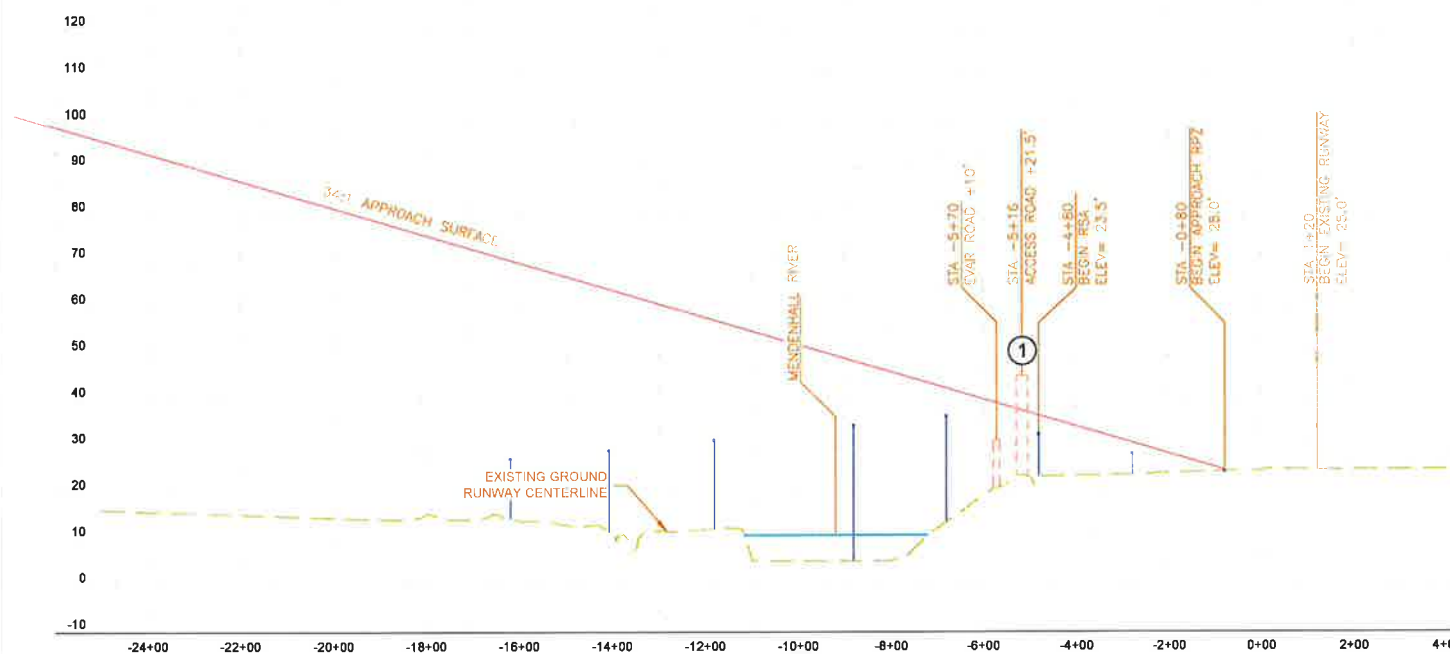
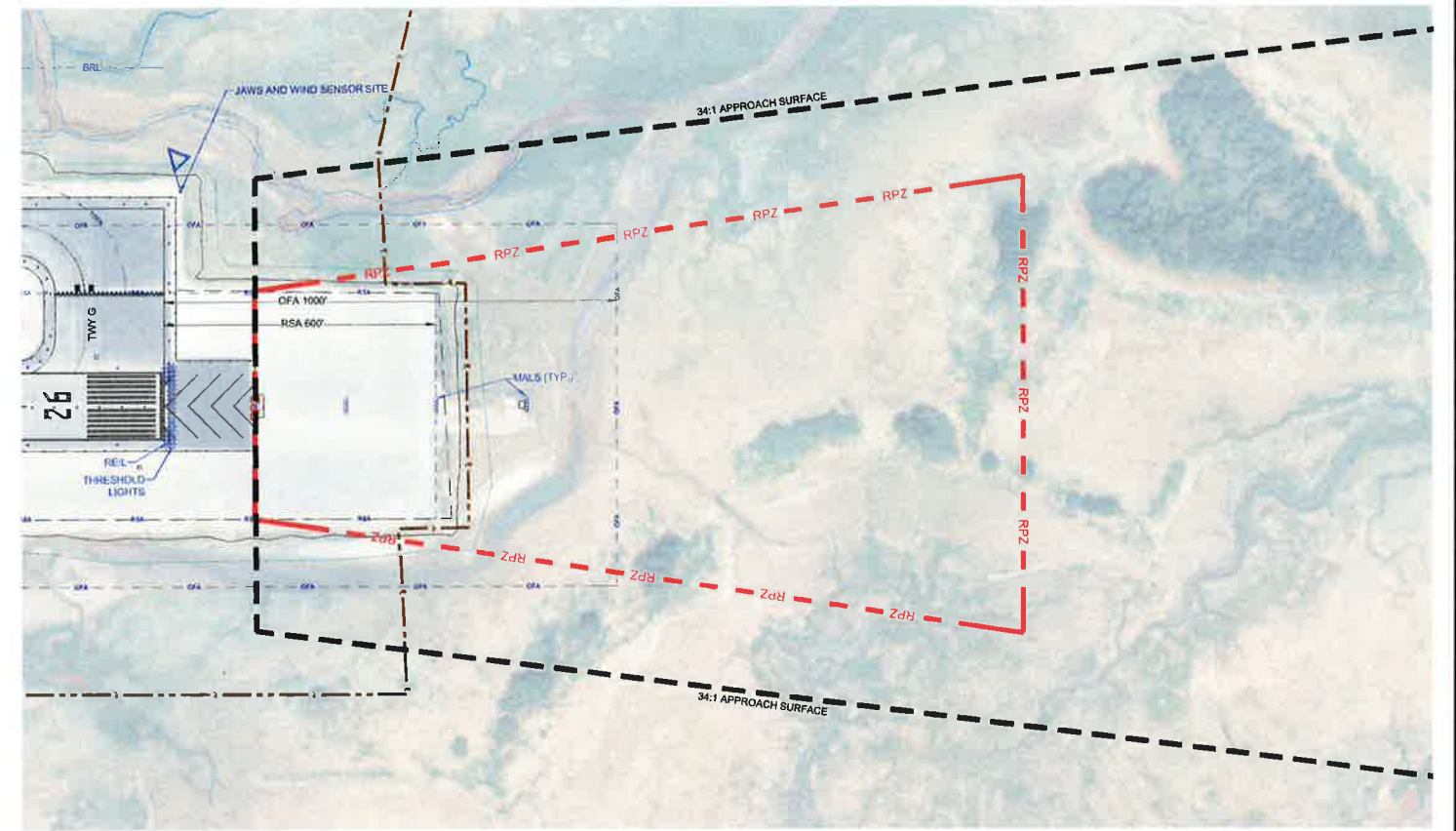
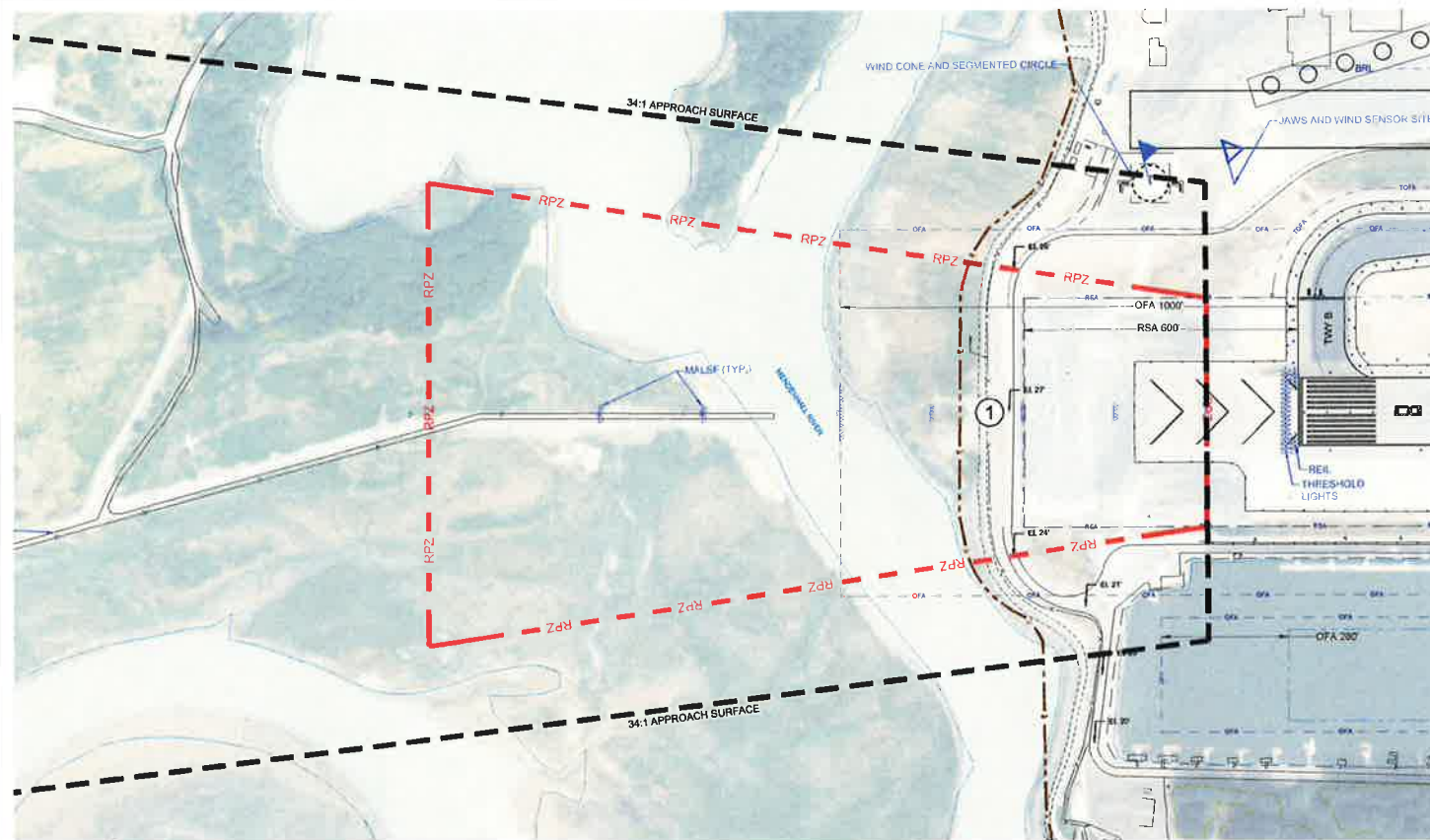
AIRSPACE PLAN

SCALE: VARIES DATE: NOVEMBER 2016

AIP NUMBER:
3-02-0133-059-2013

SHEET NUMBER:
4 OF 11

ATTACHMENT #1



NOTES	
1.	ELEVATION IN FEET ABOVE MEAN SEA LEVEL (MSL) AT TOP OF OBJECT.

RUNWAY 8 - 34:1 INNER APPROACH SURFACE OBSTRUCTIONS							
#	DESCRIPTION	SURVEY DATE	GROUND ELEV.	OBJECT ELEV.	SURFACE	SURFACE ELEV.	CORRECTIVE ACTION
1	ACCESS ROAD	-	24	45.5	34:1 APPROACH	38	7.5' TO REMAIN

RUNWAY 26 - 34:1 INNER APPROACH SURFACE OBSTRUCTIONS							
#	DESCRIPTION	SURVEY DATE	GROUND ELEV.	OBJECT ELEV.	SURFACE	SURFACE ELEV.	CORRECTIVE ACTION
-	NONE	-	-	-	-	-	-

DECLARED DISTANCES				
RUNWAY	TORA	TODA	ASDA	LDA
8	8,857'	8,857'	8,457'	8,457'
26	8,857'	8,857'	8,457'	8,457'

AECOM
1501 4TH AVENUE, SUITE 1400
SEATTLE, WA 98101
PHONE: 206-438-2700

PROJECT MANAGER: JJY
DESIGNED BY: RLO

DRAFTED BY: RLO
CHECKED BY: JJY

#	REVISION	COMPANY	BY	DATE

THE PREPARATION OF THIS AIRPORT LAYOUT PLAN (ALP) WAS FINANCED IN PART THROUGH A PLANNING GRANT FROM THE FEDERAL AVIATION ADMINISTRATION (FAA) AS PROVIDED UNDER SECTION 506 OF THE AIRPORT AND AIRWAY IMPROVEMENT ACT OF 1982. THE CONTENTS DO NOT NECESSARILY REFLECT THE OFFICIAL VIEWS OR POLICIES OF THE FAA. ACCEPTANCE OF THIS ALP BY THE FAA DOES NOT IN ANY WAY CONSTITUTE A COMMITMENT ON THE PART OF THE UNITED STATES TO PARTICIPATE IN ANY DEVELOPMENT DEPICTED THEREIN NOR DOES IT IMPLY THAT THE PROPOSED DEVELOPMENT IS ENVIRONMENTALLY ACCEPTABLE IN ACCORDANCE WITH APPROPRIATE PUBLIC LAWS.

SCALE IN FEET
100 0 100 200

ONE INCH
AT FULL SIZE, IF NOT ONE INCH SCALE ACCORDINGLY



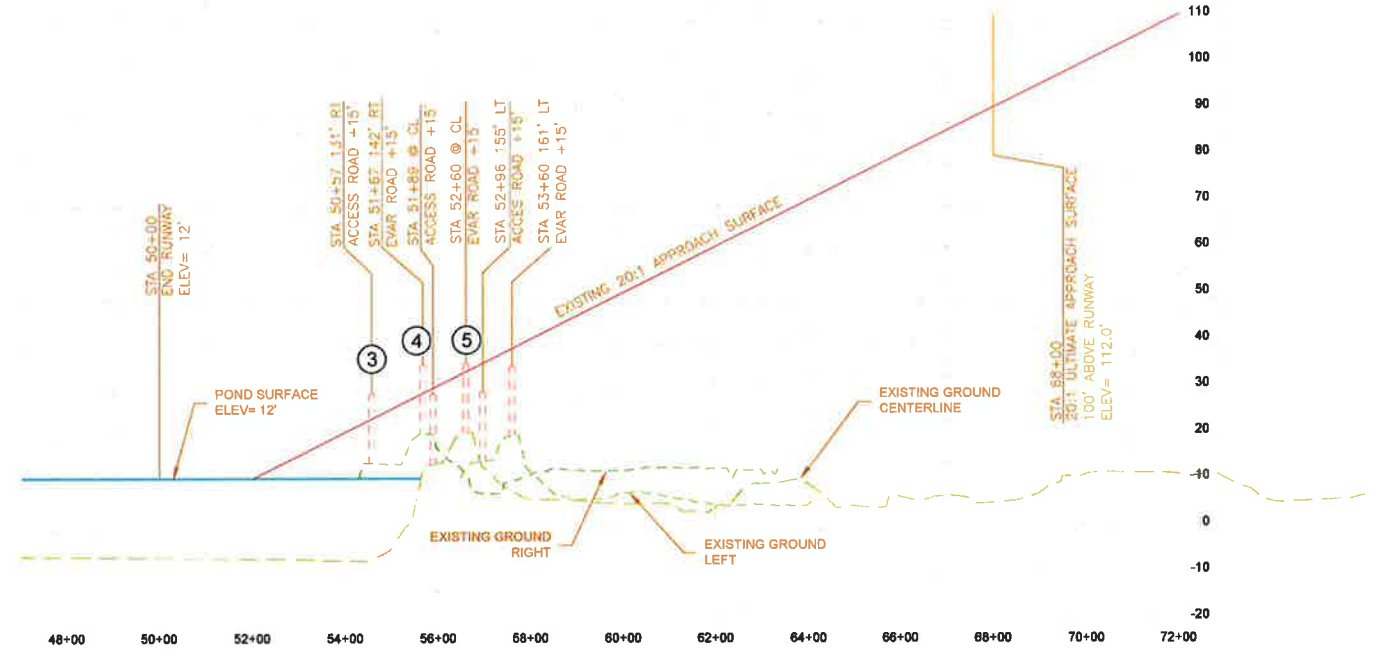
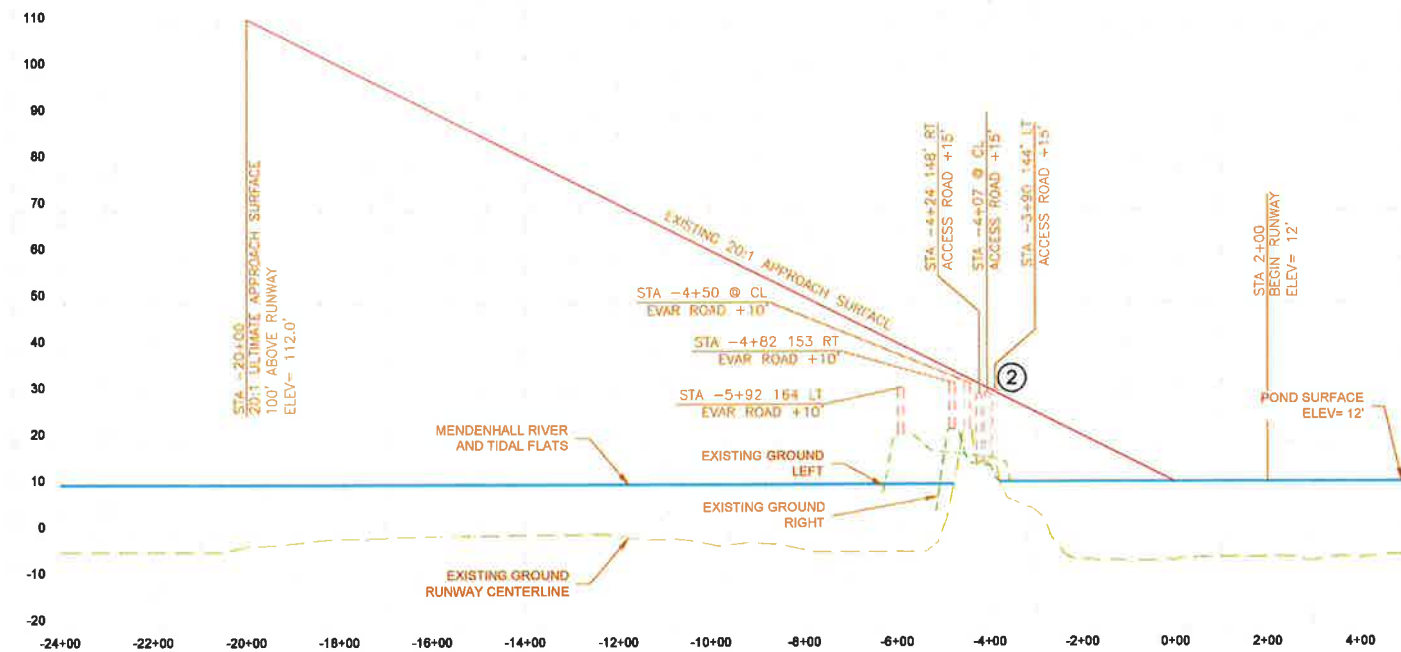
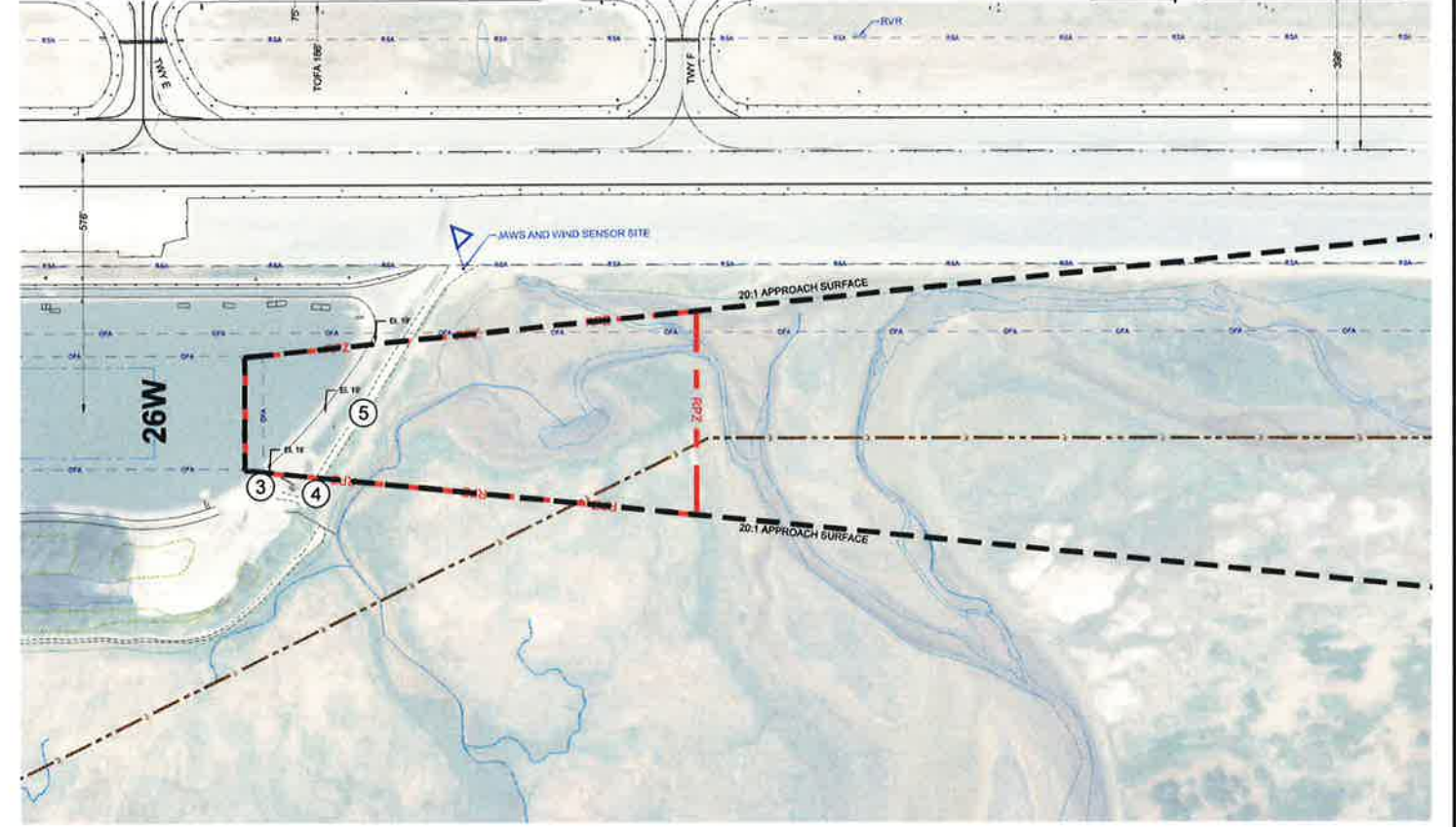
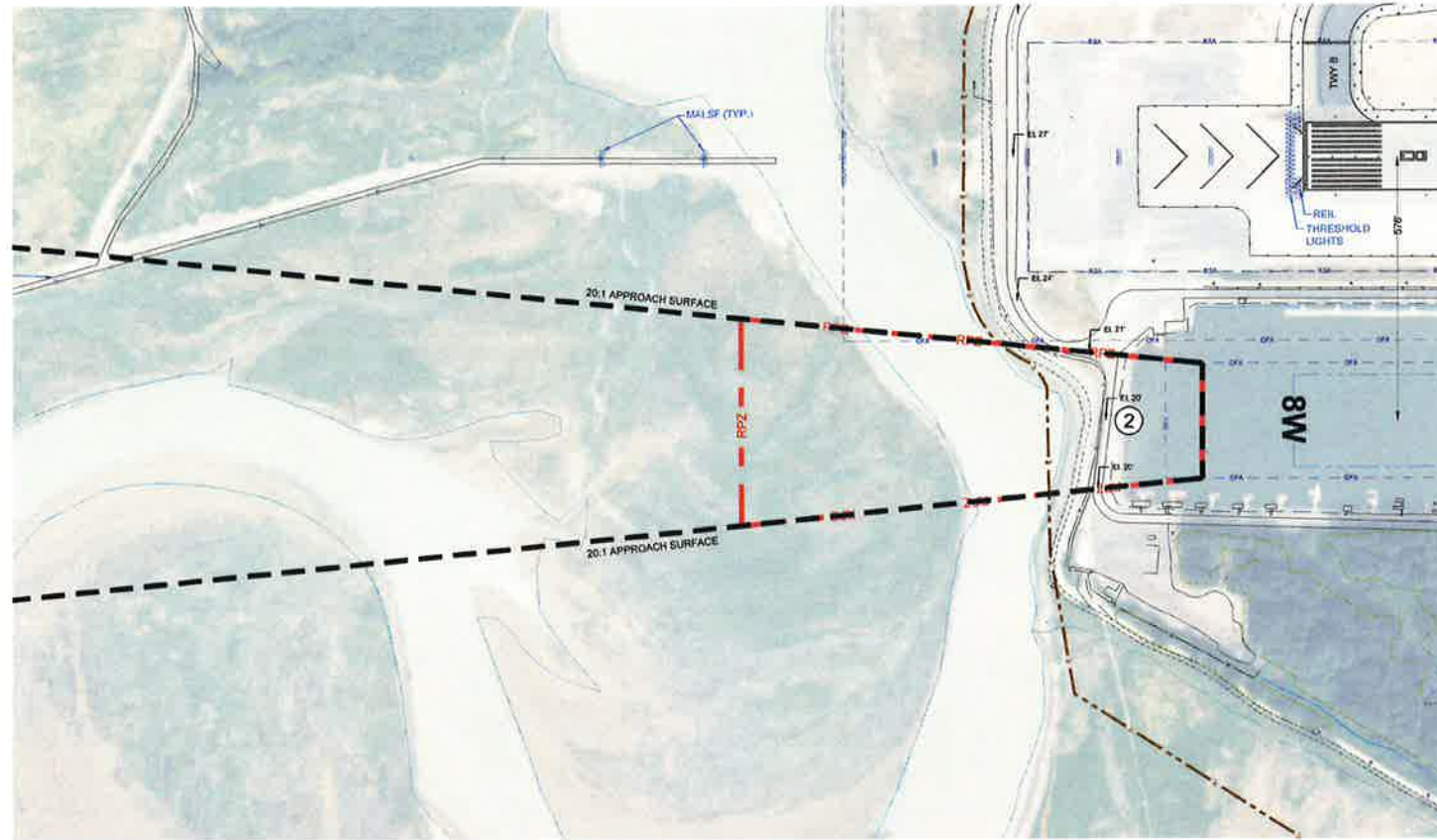
JUNEAU INTERNATIONAL AIRPORT
AIRPORT MASTER PLAN

INNER APPROACH SURFACE
RUNWAY 8-26

SCALE: 1" = 200'
DATE: NOVEMBER 2016

AIP NUMBER: 3-02-0133-059-2013
SHEET NUMBER: 5 OF 11

ATTACHMENT #1



NOTES

- ELEVATION IN FEET ABOVE MEAN SEA LEVEL (MSL) AT TOP OF OBJECT.

RUNWAY 8W - 20:1 INNER APPROACH SURFACE OBSTRUCTIONS

#	DESCRIPTION	SURVEY DATE	GROUND ELEV.	OBJECT ELEV.	SURFACE	SURFACE ELEV.	PNTR.	CORRECTIVE ACTION
2	ACCESS ROAD	-	24	32	20:1 APPROACH	31	1'	TO REMAIN

RUNWAY 26W - 20:1 INNER APPROACH SURFACE OBSTRUCTIONS

#	DESCRIPTION	SURVEY DATE	GROUND ELEV.	OBJECT ELEV.	SURFACE	SURFACE ELEV.	PNTR.	CORRECTIVE ACTION
3	PERIMETER ROAD	-	-	30	20:1 APPROACH	34	6'	TO REMAIN
4	EVAR ROAD	-	-	30	20:1 APPROACH	34	6'	TO REMAIN
5	EVAR ROAD	-	-	30	20:1 APPROACH	34	2'	TO REMAIN

AECOM

1501 4TH AVENUE, SUITE 1400
SEATTLE, WA 98101
PHONE: 206-438-2700

PROJECT MANAGER: JJY
DESIGNED BY: RLO
DRAFTED BY: RLO
CHECKED BY: JJY

REVISION

COMPANY

BY

DATE

THE PREPARATION OF THIS AIRPORT LAYOUT PLAN (ALP) WAS FINANCED IN PART THROUGH A PLANNING GRANT FROM THE FEDERAL AVIATION ADMINISTRATION (FAA) AS PROVIDED UNDER SECTION 505 OF THE AIRPORT AND AIRWAY IMPROVEMENT ACT OF 1982. THE CONTENTS DO NOT NECESSARILY REFLECT THE OFFICIAL VIEWS OR POLICIES OF THE FAA. ACCEPTANCE OF THIS ALP BY THE FAA DOES NOT IN ANY WAY CONSTITUTE A COMMITMENT ON THE PART OF THE UNITED STATES TO PARTICIPATE IN ANY DEVELOPMENT DEPICTED THEREIN NOR DOES IT IMPLY THAT THE PROPOSED DEVELOPMENT IS ENVIRONMENTALLY ACCEPTABLE IN ACCORDANCE WITH APPROPRIATE PUBLIC LAWS.



100 0 100 200
SCALE IN FEET

ONE INCH
AT FULL SIZE, IF NOT ONE INCH
SCALE ACCORDINGLY



JUNEAU INTERNATIONAL AIRPORT
AIRPORT MASTER PLAN

INNER APPROACH SURFACE
RUNWAY 8W-26W

SCALE: 1" = 200'

DATE: NOVEMBER 2016

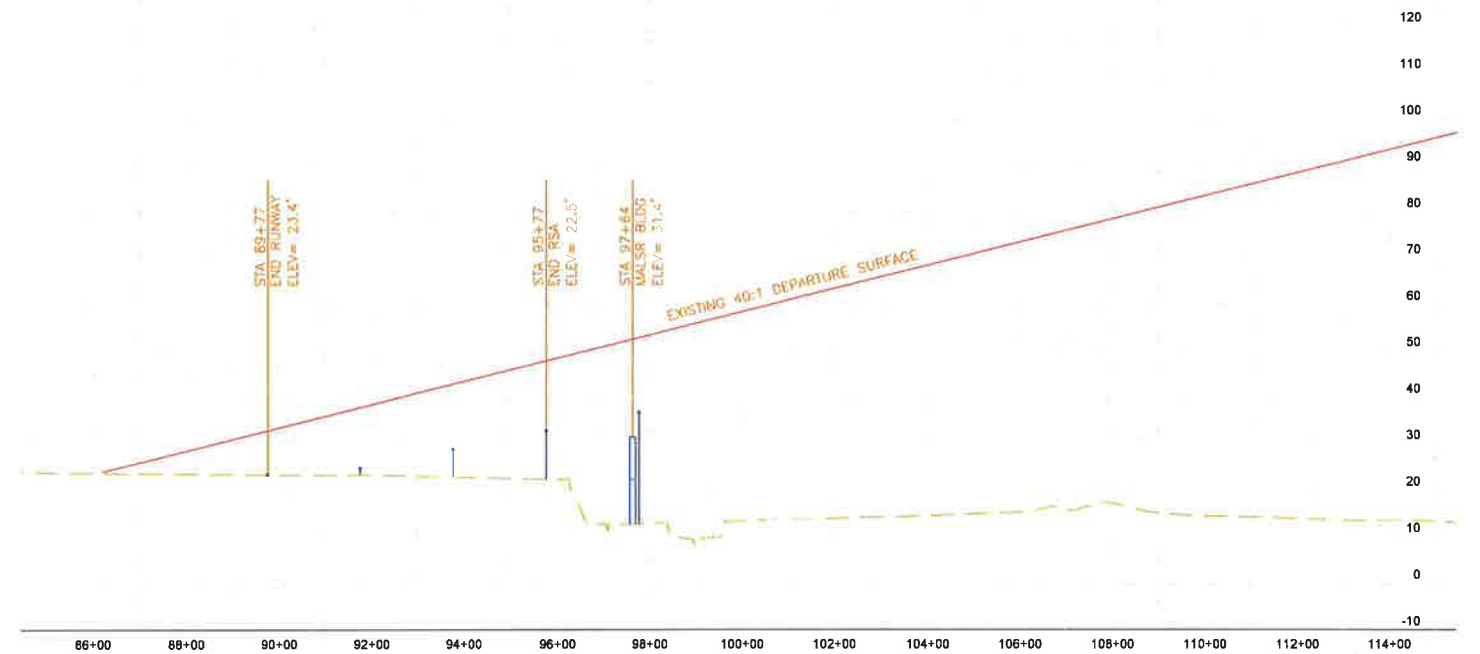
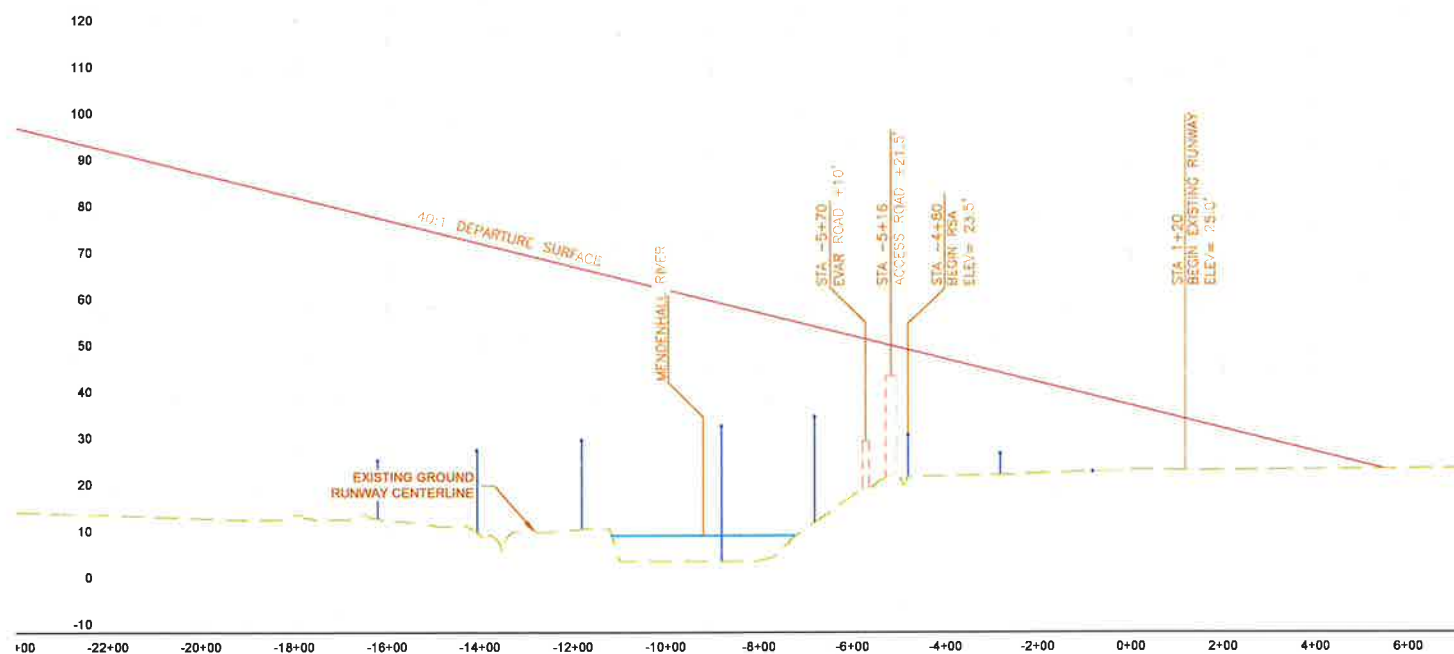
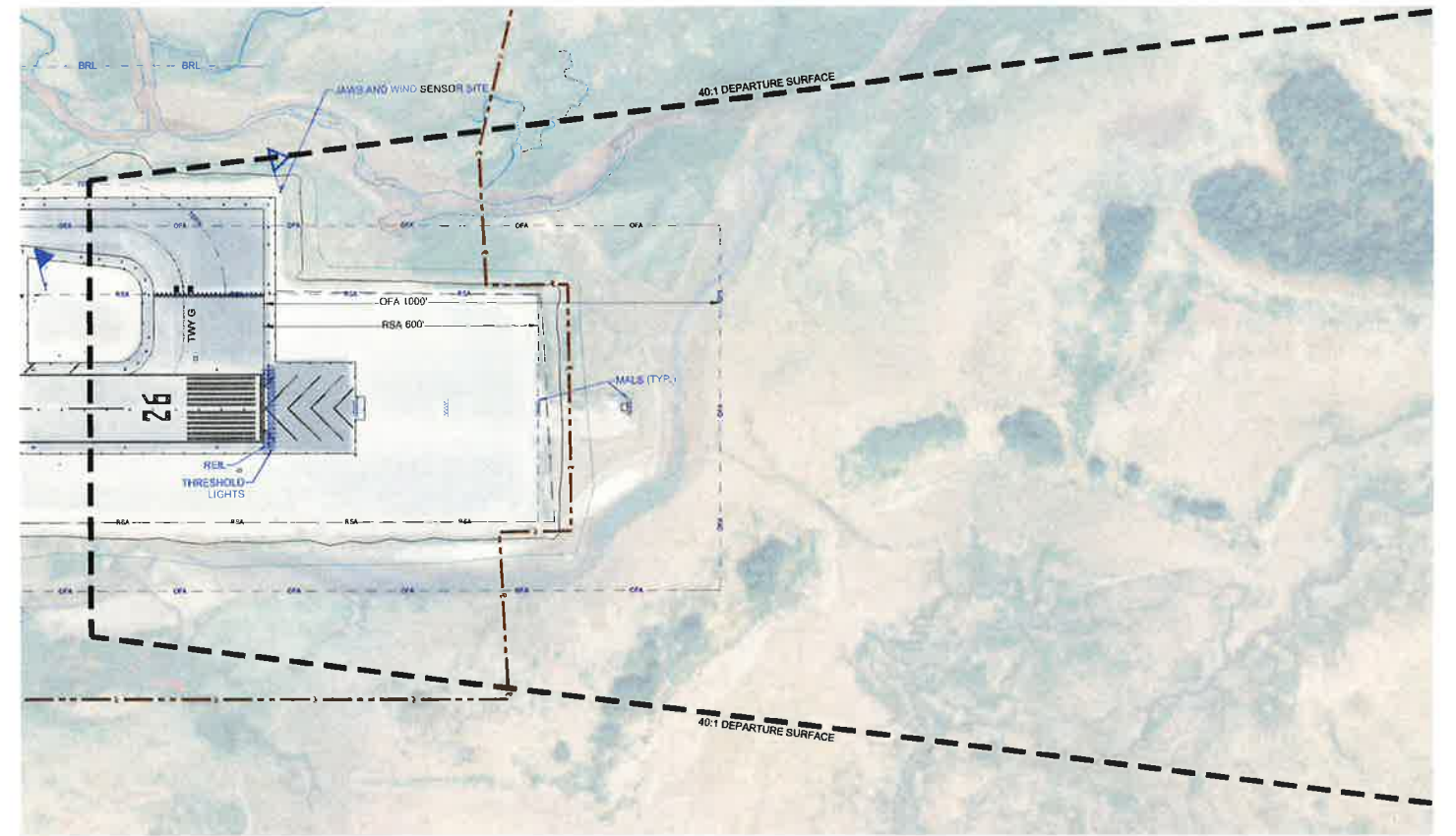
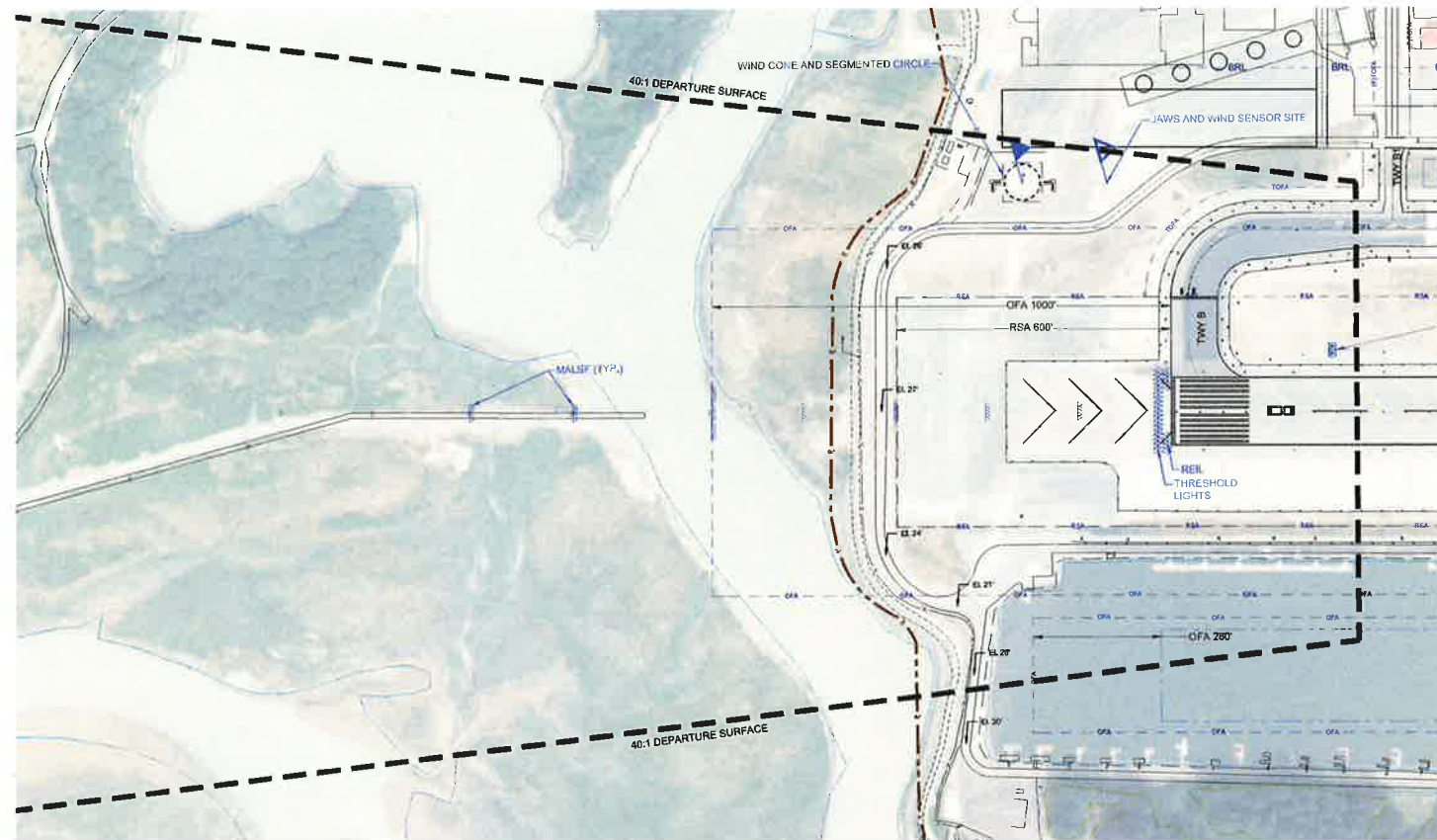
AIP NUMBER:

3-02-0133-059-2013

SHEET NUMBER:

6 OF 11

ATTACHMENT #1



NOTES

- ELEVATION IN FEET ABOVE MEAN SEA LEVEL (MSL) AT TOP OF OBJECT.

RUNWAY 8 - 40:1 DEPARTURE SURFACE OBSTRUCTIONS

#	DESCRIPTION	SURVEY DATE	GROUND ELEV.	OBJECT ELEV.	SURFACE	SURFACE ELEV.	PNTR.	CORRECTIVE ACTION
NONE								

RUNWAY 26 - 62.5:1 DEPARTURE SURFACE OBSTRUCTIONS

#	DESCRIPTION	SURVEY DATE	GROUND ELEV.	OBJECT ELEV.	SURFACE	SURFACE ELEV.	PNTR.	CORRECTIVE ACTION
NONE								

DECLARED DISTANCES

RUNWAY	TORA	TODA	ASDA	LDA
8	8,857'	8,857'	8,457'	8,457'
26	8,857'	8,857'	8,457'	8,457'

AECOM

1501 4TH AVENUE, SUITE 1400
SEATTLE, WA 98101
PHONE: 206-438-2700

PROJECT MANAGER: JJY
DESIGNED BY: RLO

DRAFTED BY: RLO
CHECKED BY: JJY

REVISION

COMPANY BY DATE

THE PREPARATION OF THIS AIRPORT LAYOUT PLAN (ALP) WAS FINANCED IN PART THROUGH A PLANNING GRANT FROM THE FEDERAL AVIATION ADMINISTRATION (FAA) AS PROVIDED UNDER SECTION 505 OF THE AIRPORT AND AIRWAY IMPROVEMENT ACT OF 1982. THE CONTENTS DO NOT NECESSARILY REFLECT THE OFFICIAL VIEWS OR POLICIES OF THE FAA. ACCEPTANCE OF THIS ALP BY THE FAA DOES NOT IN ANY WAY CONSTITUTE A COMMITMENT ON THE PART OF THE UNITED STATES TO PARTICIPATE IN ANY DEVELOPMENT DEPICTED THEREIN NOR DOES IT IMPLY THAT THE PROPOSED DEVELOPMENT IS ENVIRONMENTALLY ACCEPTABLE IN ACCORDANCE WITH APPROPRIATE PUBLIC LAWS.



100 0 100 200
SCALE, IN FEET

ONE INCH
AT FULL SIZE, IF NOT ONE INCH
SCALE ACCORDINGLY



JUNEAU INTERNATIONAL AIRPORT
AIRPORT MASTER PLAN

RUNWAY DEPARTURE SURFACE RUNWAY 8-26

SCALE: 1" = 200'

DATE: NOVEMBER 2016

AIP NUMBER:

3-02-0133-059-2013

SHEET NUMBER:

7 OF 11

ATTACHMENT #1

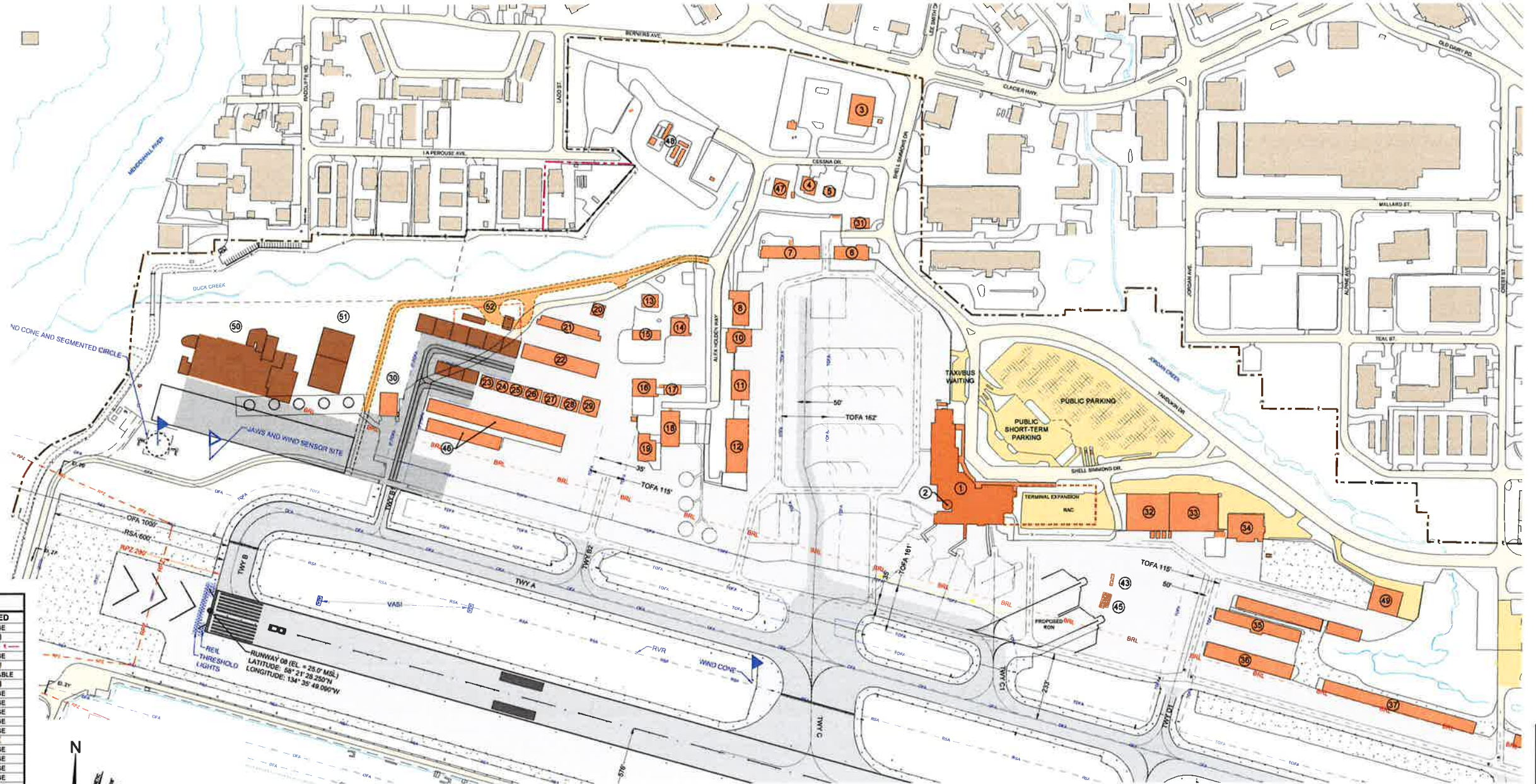
AIRPORT FACILITIES		
①	DESCRIPTION	HEIGHT*
1	TERMINAL BUILDING	50'
2	FAA AIRPORT TRAFFIC CONTROL TOWER (ATCT)	95
3	AFSS/SACOM	34'
4	JID TELEPHONE	29'
5	LEASED TO HERTZ	37'
6	AERO SERVICES (SUBLEASE: FEDEX) R&L LEASING	35'
7	SNOW REMOVAL EQUIPMENT FACILITY (SREF)	38'
8	LAB FLYING	47'
10	HEIMBIGNER	40'
11	ALASKA AIRLINES	34'
12	ALASKA AIRLINES	41'
13	PRIVATE HANGAR	38'
14	FISH AND WILDLIFE	46'
15	3 PRIVATE T-HANGARS	33'
16	DUANE PACKER (SUBLEASE: UNITED PARCEL SERVICE)	49'
17	R&L LEASING	43'
18	AERO SERVICES	46'
19	AERO SERVICES	46'
20	PRIVATE HANGAR	35'
21	T-HANGAR (7 UNITS)	30'

AIRPORT FACILITIES		
②	DESCRIPTION	HEIGHT*
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
31	DELTA WESTERN	35
32	SAND STORAGE	53
33	LOKEN AVIATION	53
34	WARD AIR (RED LEASING)	52
35	BLOCK 'L' EXECUTIVE HANGARS (5 UNITS)	40
36	BLOCK 'M' T-HANGARS (14 UNITS)	35
43	COASTAL FUEL	20
45	COASTAL HELICOPTERS	-
46	BLOCK 'T' HANGARS	-
47	R&L LEASING	-
48	FUEL FARM	-

[illegible]

NOTES

1. THE BUILDING RESTRICTION LINE (BRL) IS BASED ON A MAXIMUM BUILDING HEIGHT OF 36 FEET AT A 250' DISTANCE FROM THE PRIMARY SURFACE. MAXIMUM ALLOWABLE BUILDING HEIGHT FROM THE BRL INCREASES AT A 7:1 HORIZONTAL TO VERTICAL SLOPE UPWARD AND AWAY FROM THE PRIMARY SURFACE IN CONFORMANCE WITH FAR PART 77 SURFACES.



LEGEND		
DESCRIPTION	EXISTING	PROPOSED
AIRFIELD UNPAVED APRON		NO CHANGE
AIRFIELD PAVEMENT		NO CHANGE
AIRPORT PROPERTY		NO CHANGE
AIRPORT REFERENCE POINT (ARP)		NO CHANGE
AUTOMOBILE PARKING - ON AIRPORT		NO CHANGE
BUILDING - OFF AIRPORT		NOT APPLICABLE
BUILDING - ON AIRPORT		NO CHANGE
BUILDING RESTRICTION LINE (BRL)		NO CHANGE
FENCE		NO CHANGE
HOLDING POSITION MARKING		NO CHANGE
JUNEAU AIRPORT WIND SYSTEM (JAWS)		NO CHANGE
PRECISION APPROACH PATH INDICATOR		NO CHANGE
ROADWAY		NO CHANGE
RUNWAY END IDENTIFIER LIGHTS (REIL)		NO CHANGE
RUNWAY OBJECT FREE AREA (OFA)		NO CHANGE
RUNWAY OBJECT FREE ZONE (OFZ)		NO CHANGE
RUNWAY PROTECTION ZONE (RPZ)		NO CHANGE
RUNWAY SAFETY AREA (RSA)		NO CHANGE
TAXIWAY OBJECT FREE AREA (TOFA)		NO CHANGE
TO BE REMOVED		NO CHANGE
TOPOGRAPHIC CONTOUR		NO CHANGE
TREES		NO CHANGE
VISUAL APPROACH SLOPE INDICATOR (VASI)		NO CHANGE
WIND SOCK		NO CHANGE

100 0 100 200
SCALE IN FEET

AECOM

1501 4TH AVENUE, SUITE 1400
SEATTLE, WA 98101
PHONE: 206-438-2700

PROJECT MANAGER:	JJY	DRAFTED BY:	RLO
DESIGNED BY:	RLO	CHECKED BY:	JJY

[illegible]

THE PREPARATION OF THIS AIRPORT LAYOUT PLAN (ALP) WAS FINANCED IN PART THROUGH A PLANNING GRANT FROM THE FEDERAL AVIATION ADMINISTRATION (FAA) AS PROVIDED UNDER SECTION 505 OF THE AIRPORT AND AIRWAY IMPROVEMENT ACT OF 1982. THE CONTENTS DO NOT NECESSARILY REFLECT THE OFFICIAL VIEWS OR POLICIES OF THE FAA. ACCEPTANCE OF THIS ALP BY THE FAA DOES NOT IN ANY WAY CONSTITUTE A COMMITMENT ON THE PART OF THE UNITED STATES TO PARTICIPATE IN ANY DEVELOPMENT DEPICTED THEREIN NOR DOES IT IMPLY THAT THE PROPOSED DEVELOPMENT IS ENVIRONMENTALLY ACCEPTABLE IN ACCORDANCE WITH APPROPRIATE PUBLIC LAWS.

JUNEAU INTERNATIONAL AIRPORT
AIRPORT MASTER PLAN

TERMINAL AREA DRAWING
NORTHWEST

SCALE: 1" = 200'

DATE: NOVEMBER 2016

AIP NUMBER:
3-02-0133-059-2013

SHEET NUMBER:

8 OF 11

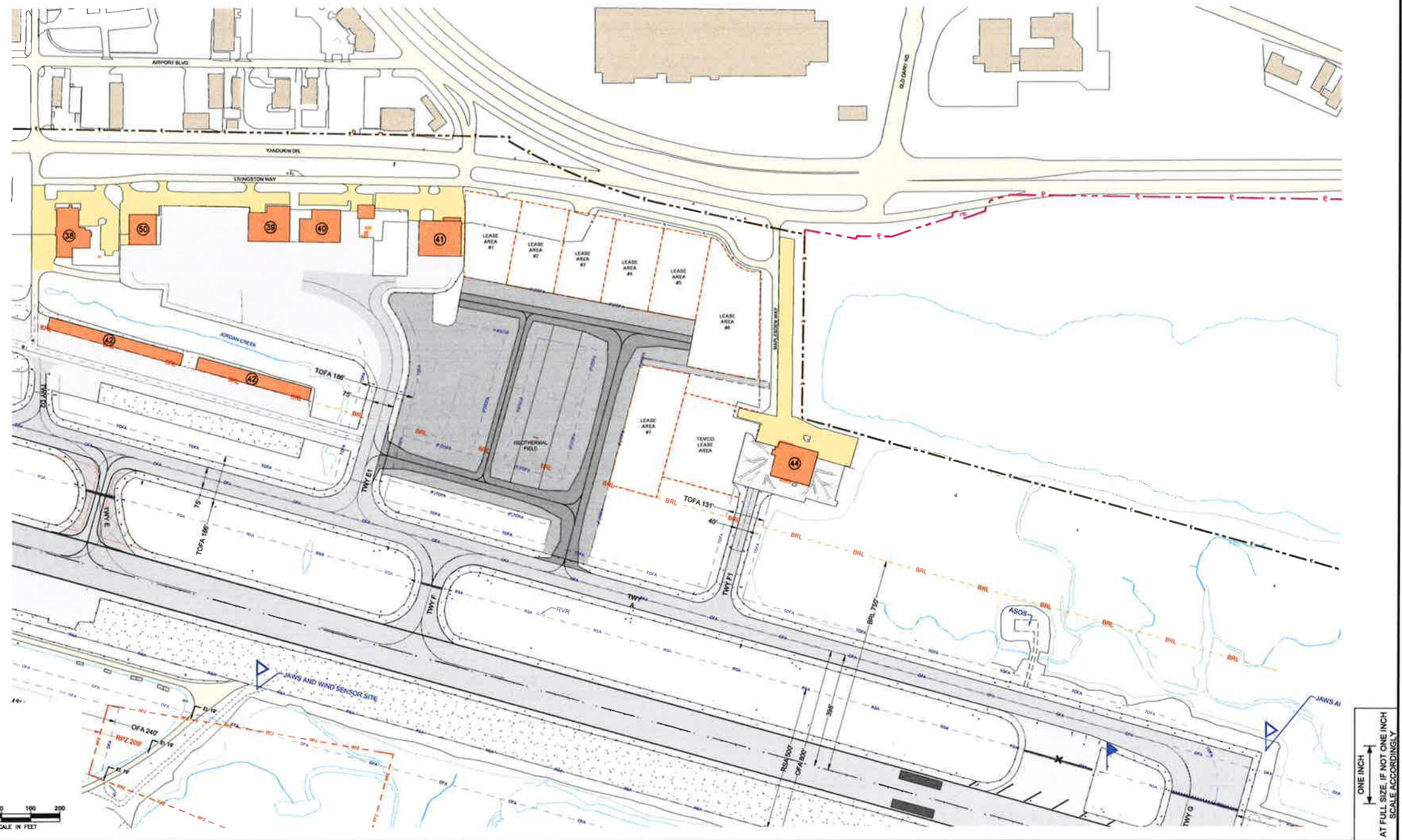
ONE INCH
AT FULL SIZE, IF NOT ONE INCH
SCALE ACCORDINGLY

ATTACHMENT #1

[illegible]

NOTES

1. THE BUILDING RESTRICTION LINE (BRL) IS BASED ON A MAXIMUM BUILDING HEIGHT OF 36 FEET AT A 250' DISTANCE FROM THE PRIMARY SURFACE. MAXIMUM ALLOWABLE BUILDING HEIGHT FROM THE BRL INCREASES AT A 7:1 HORIZONTAL TO VERTICAL SLOPE UPWARD AND AWAY FROM THE PRIMARY SURFACE IN CONFORMANCE WITH FAR PART 77 SURFACES.



LEGEND		
DESCRIPTION	EXISTING	PROPOSED
AIRFIELD UNPAVED APRON		NO CHANGE
AIRFIELD PAVEMENT		NO CHANGE
AIRPORT PROPERTY		NO CHANGE
AIRPORT REFERENCE POINT (ARP)		NO CHANGE
AUTOMOBILE PARKING - ON AIRPORT		NO CHANGE
BUILDING - OFF AIRPORT		NOT APPLICABLE
BUILDING - ON AIRPORT		NOT APPLICABLE
BUILDING RESTRICTION LINE (BRL)		NO CHANGE
FENCE		NO CHANGE
HOLDING POSITION MARKING		NO CHANGE
JUNEAU AIRPORT WIND SYSTEM (JAWS)		NO CHANGE
PRECISION APPROACH PATH INDICATOR		NO CHANGE
ROADWAY		NO CHANGE
RUNWAY END IDENTIFIER LIGHTS (REIL)		NO CHANGE
RUNWAY OBJECT FREE AREA (OFA)		NO CHANGE
RUNWAY OBJECT FREE ZONE (OFZ)		NO CHANGE
RUNWAY PROTECTION ZONE (RPZ)		NO CHANGE
RUNWAY SAFETY AREA (RSA)		NO CHANGE
TAXIWAY OBJECT FREE AREA (TOFA)		NO CHANGE
TO BE REMOVED	NA	XXXXXX
TOPOGRAPHIC CONTOUR		NO CHANGE
TREES		NO CHANGE
VISUAL APPROACH SLOPE INDICATOR (VASI)		NO CHANGE
WIND SOCK		NO CHANGE

92J - Sheet 09 (Terminal Area Drawing - Southeast) dwg

AECOM

1501 4TH AVENUE, SUITE 1400
SEATTLE, WA 98101
PHONE: 206-438-2700

PROJECT MANAGER:	JJY	DRAFTED BY:	RLO
DESIGNED BY:	RLO	CHECKED BY:	JJY

[illegible]

THE PREPARATION OF THIS AIRPORT LAYOUT PLAN (ALP) WAS FINANCED IN PART THROUGH A PLANNING GRANT FROM THE FEDERAL AVIATION ADMINISTRATION (FAA) AS PROVIDED UNDER SECTION 505 OF THE AIRPORT AND AIRWAY IMPROVEMENT ACT OF 1982. THE CONTENTS DO NOT NECESSARILY REFLECT THE OFFICIAL VIEWS OR POLICIES OF THE FAA. ACCEPTANCE OF THIS ALP BY THE FAA DOES NOT IN ANY WAY CONSTITUTE A COMMITMENT ON THE PART OF THE UNITED STATES TO PARTICIPATE IN ANY DEVELOPMENT DEPICTED THEREIN NOR DOES IT IMPLY THAT THE PROPOSED DEVELOPMENT IS ENVIRONMENTALLY ACCEPTABLE IN ACCORDANCE WITH APPROPRIATE PUBLIC LAWS.

JUNEAU INTERNATIONAL AIRPORT
AIRPORT MASTER PLAN

TERMINAL AREA DRAWING
SOUTHEAST

SCALE: 1" = 200'

DATE: NOVEMBER 2016

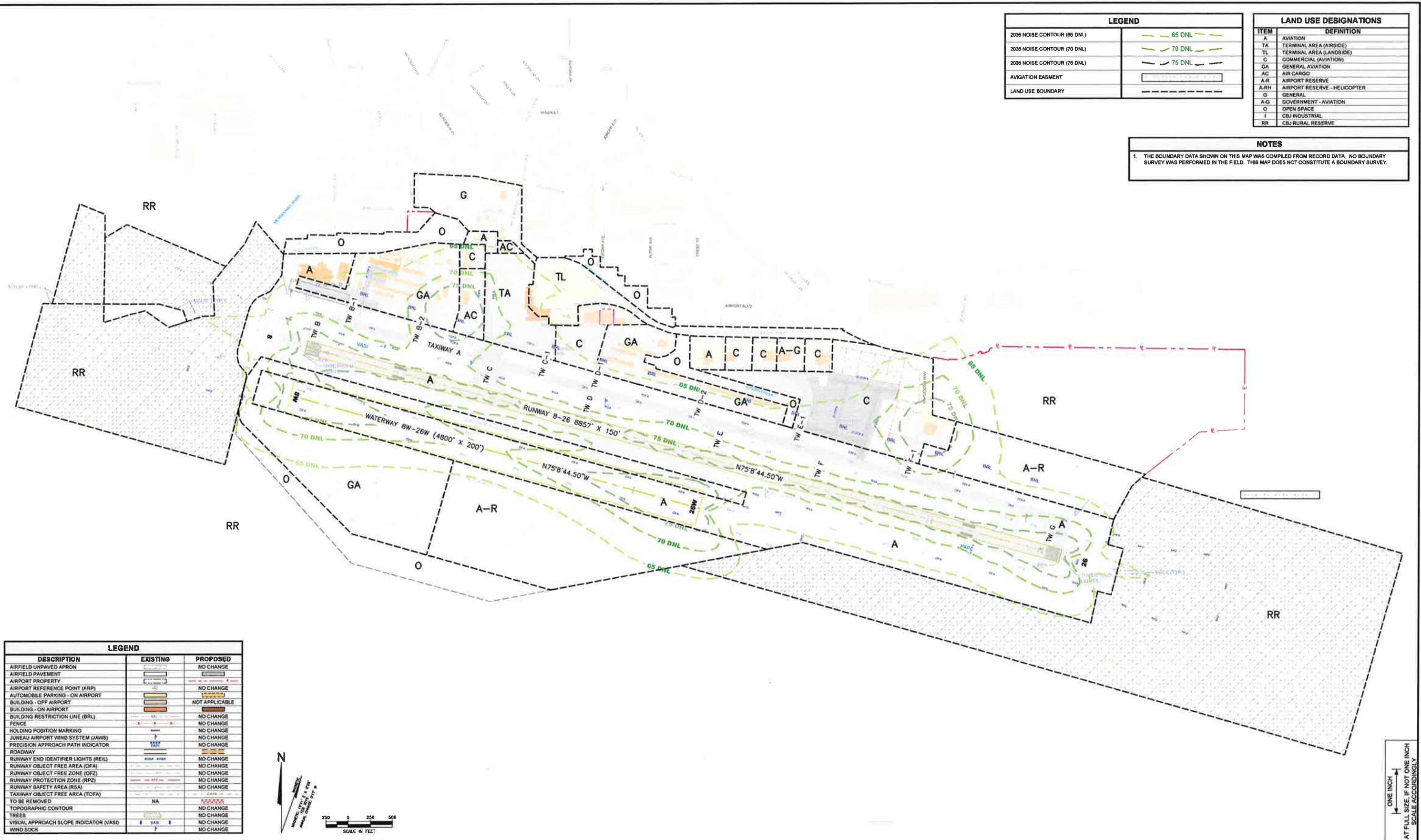
AIP NUMBER:
3-02-0133-059-2013

SHEET NUMBER:

9 OF 11

ONE INCH
AT FULL SIZE, IF NOT ONE INCH
SCALE ACCORDINGLY

ATTACHMENT #1



AECOM 1501 4TH AVENUE, SUITE 1400 SEATTLE, WA 98101 PHONE: 206-438-2700		#	REVISION	COMPANY	BY	DATE	THE PREPARATION OF THIS AIRPORT LAYOUT PLAN (ALP) WAS FINANCED IN PART THROUGH A PLANNING GRANT FROM THE FEDERAL AVIATION ADMINISTRATION (FAA) AS PROVIDED UNDER SECTION 505 OF THE AIRPORT AND AIRWAY IMPROVEMENT ACT OF 1982. THE CONTENTS DO NOT NECESSARILY REFLECT THE OFFICIAL VIEWS OR POLICIES OF THE FAA. ACCEPTANCE OF THIS ALP BY THE FAA DOES NOT IN ANY WAY CONSTITUTE A COMMITMENT ON THE PART OF THE UNITED STATES TO PARTICIPATE IN ANY DEVELOPMENT DEPICTED THEREIN NOR DOES IT IMPLY THAT THE PROPOSED DEVELOPMENT IS ENVIRONMENTALLY ACCEPTABLE IN ACCORDANCE WITH APPROPRIATE PUBLIC LAWS.	JUNEAU INTERNATIONAL AIRPORT ALASKA'S CAPITAL CITY	JUNEAU INTERNATIONAL AIRPORT AIRPORT MASTER PLAN		AIP NUMBER: 3-02-0133-059-2013
									LAND USE DRAWING	SHEET NUMBER: 10 OF 11	
PROJECT MANAGER:	JJY	DRAFTED BY:	RLO					SCALE:	1" = 500'	DATE:	NOVEMBER 2016
DESIGNED BY:	RLO	CHECKED BY:	JJY								

ATTACHMENT #1

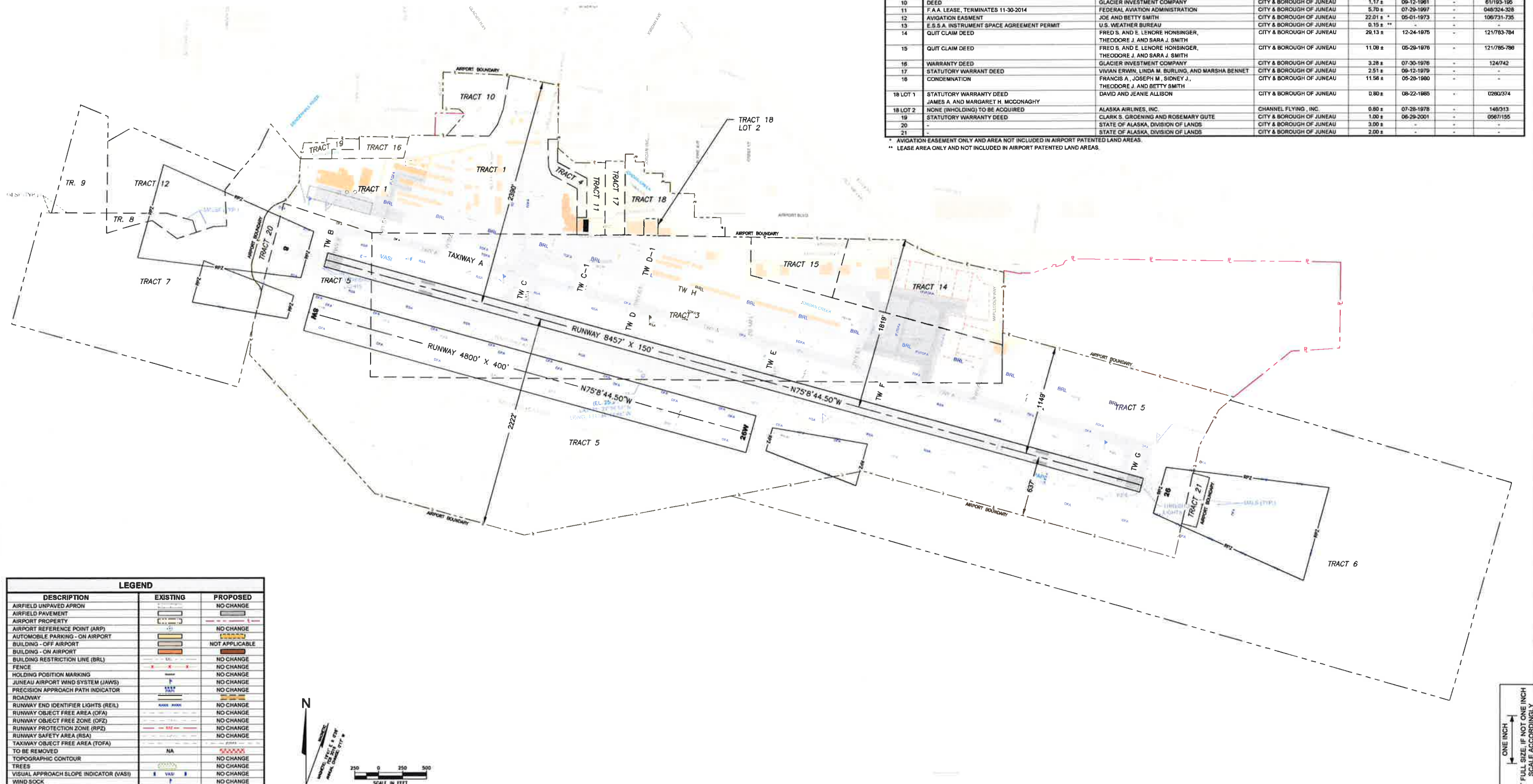
NOTES

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 ACREAGE SHOWN ARE BASED ON THE RECORD DATA.

PROPERTY STATUS						
TRACT #	INTEREST	GRANTOR	GRANTEE	PARCEL SIZE (ACRES)	DATE ACQUIRED	RECORDED BOOK/PAGE
1	QUIT CLAIM DEED	CIVIL AERONAUTICS ADMINISTRATION	CITY & BOROUGH OF JUNEAU	64.80 ±	10-28-1953	46/359-360
2	QUIT CLAIM DEED	CIVIL AERONAUTICS ADMINISTRATION	CITY & BOROUGH OF JUNEAU	7.28 ±	10-28-1953	36/509-510
3	QUIT CLAIM DEED	CIVIL AERONAUTICS ADMINISTRATION	CITY & BOROUGH OF JUNEAU	182.90 ±	10-28-1953	36/509-510
4	QUIT CLAIM DEED	FEDERAL AVIATION ADMINISTRATION	CITY & BOROUGH OF JUNEAU	2.61 ±	04-28-1967	36/210-214
5	PATENT	STATE OF ALASKA	CITY & BOROUGH OF JUNEAU	338.73 ±	11-30-1972	104/5
6	AVIGATION EASEMENT	STATE OF ALASKA, DIVISION OF LANDS	CITY & BOROUGH OF JUNEAU	22.15 ± *	11-31-1972	-
7	AVIGATION EASEMENT	STATE OF ALASKA, DIVISION OF LANDS	CITY & BOROUGH OF JUNEAU	81.88 ± *	11-31-1972	-
8	WARRANTY DEED	WILDE, GIBSON AND MAIER	CITY & BOROUGH OF JUNEAU	2.94 ± *	05-30-1967	89/75-80
9	AVIGATION EASEMENT	FILE AND ASA	CITY & BOROUGH OF JUNEAU	10.07 ± *	02-05-1965	75/293-297
10	DEED	GLACIER INVESTMENT COMPANY	CITY & BOROUGH OF JUNEAU	1.17 ±	09-12-1961	61/193-196
11	F.A.A. LEASE, TERMINATES 11-30-2014	FEDERAL AVIATION ADMINISTRATION	CITY & BOROUGH OF JUNEAU	5.70 ±	07-20-1997	048/324-328
12	AVIGATION EASEMENT	JOE AND BETTY SMITH	CITY & BOROUGH OF JUNEAU	22.01 ± *	05-01-1973	106/731-735
13	E.S.S.A. INSTRUMENT SPACE AGREEMENT PERMIT	U.S. WEATHER BUREAU	CITY & BOROUGH OF JUNEAU	0.15 ± **	-	-
14	QUIT CLAIM DEED	FRED S. AND E. LENORE HONINGER, THEODORE J. AND SARA J. SMITH	CITY & BOROUGH OF JUNEAU	29.13 ±	12-24-1975	121/783-784
15	QUIT CLAIM DEED	FRED S. AND E. LENORE HONINGER, THEODORE J. AND SARA J. SMITH	CITY & BOROUGH OF JUNEAU	11.08 ±	05-28-1976	121/785-788
16	WARRANTY DEED	GLACIER INVESTMENT COMPANY	CITY & BOROUGH OF JUNEAU	3.28 ±	07-30-1976	124/742
17	STATUTORY WARRANTY DEED	VIVIAN ERWIN, LINDA M. BURLING, AND MARSHA BENNET	CITY & BOROUGH OF JUNEAU	2.51 ±	09-12-1979	-
18	CONDEMNATION	FRANCIS A., JOSEPH M., SIDNEY J., THEODORE J. AND BETTY SMITH	CITY & BOROUGH OF JUNEAU	11.58 ±	05-28-1980	-
18 LOT 1	STATUTORY WARRANTY DEED	DAVID AND JEANIE ALLISON	CITY & BOROUGH OF JUNEAU	0.80 ±	08-22-1985	0280/374
18 LOT 2	NONE (HOLDING) TO BE ACQUIRED	ALASKA AIRLINES, INC.	CHANNEL FLYING, INC.	0.60 ±	07-28-1978	148/313
19	STATUTORY WARRANTY DEED	CLARK S. GROENING AND ROSEMARY GUTE	CITY & BOROUGH OF JUNEAU	1.00 ±	06-29-2001	0567/155
20	-	STATE OF ALASKA, DIVISION OF LANDS	CITY & BOROUGH OF JUNEAU	3.00 ±	-	-
21	-	STATE OF ALASKA, DIVISION OF LANDS	CITY & BOROUGH OF JUNEAU	2.00 ±	-	-

* AVIGATION EASEMENT ONLY AND AREA NOT INCLUDED IN AIRPORT PATENTED LAND AREAS.

** LEASE AREA ONLY AND NOT INCLUDED IN AIRPORT PATENTED LAND AREAS.



LEGEND

DESCRIPTION	EXISTING	PROPOSED
AIRFIELD UNPAVED APRON		NO CHANGE
AIRFIELD PAVEMENT		NO CHANGE
AIRPORT PROPERTY		NO CHANGE
AIRPORT REFERENCE POINT (ARP)		NO CHANGE
AUTOMOBILE PARKING - ON AIRPORT		NOT APPLICABLE
BUILDING - OFF AIRPORT		NOT APPLICABLE
BUILDING - ON AIRPORT		NO CHANGE
BUILDING RESTRICTION LINE (BRL)		NO CHANGE
FENCE		NO CHANGE
HOLDING POSITION MARKING		NO CHANGE
JUNEAU AIRPORT WIND SYSTEM (JAWS)		NO CHANGE
PRECISION APPROACH PATH INDICATOR		NO CHANGE
ROADWAY		NO CHANGE
RUNWAY END IDENTIFIER LIGHTS (REIL)		NO CHANGE
RUNWAY OBJECT FREE AREA (OFA)		NO CHANGE
RUNWAY OBJECT FREE ZONE (OFZ)		NO CHANGE
RUNWAY PROTECTION ZONE (RPZ)		NO CHANGE
RUNWAY SAFETY AREA (RSA)		NO CHANGE
TAXIWAY OBJECT FREE AREA (TOFA)		NO CHANGE
TO BE REMOVED	NA	
TOPOGRAPHIC CONTOUR		NO CHANGE
TREES		NO CHANGE
VISUAL APPROACH SLOPE INDICATOR (VASI)		NO CHANGE
WIND SOCK		NO CHANGE

AECOM

1501 4TH AVENUE, SUITE 1400
SEATTLE, WA 98101
PHONE: 206-438-2700

PROJECT MANAGER: JJY
DESIGNED BY: RLO

DRAFTED BY: RLO
CHECKED BY: JJY

REVISION

COMPANY

BY

DATE

THE PREPARATION OF THIS AIRPORT LAYOUT PLAN (ALP) WAS FINANCED IN PART THROUGH A PLANNING GRANT FROM THE FEDERAL AVIATION ADMINISTRATION (FAA) AS PROVIDED UNDER SECTION 505 OF THE AIRPORT AND AIRWAY IMPROVEMENT ACT OF 1982. THE CONTENTS DO NOT NECESSARILY REFLECT THE OFFICIAL VIEWS OR POLICIES OF THE FAA. ACCEPTANCE OF THIS ALP BY THE FAA DOES NOT IN ANY WAY CONSTITUTE A COMMITMENT ON THE PART OF THE UNITED STATES TO PARTICIPATE IN ANY DEVELOPMENT DEPICTED THEREIN NOR DOES IT IMPLY THAT THE PROPOSED DEVELOPMENT IS ENVIRONMENTALLY ACCEPTABLE IN ACCORDANCE WITH APPROPRIATE PUBLIC LAWS.



JUNEAU INTERNATIONAL AIRPORT
AIRPORT MASTER PLAN

AIRPORT PROPERTY MAP
EXHIBIT 'A'

SCALE: 1" = 500'

DATE: NOVEMBER 2016

AIP NUMBER:

3-02-0133-059-2013

SHEET NUMBER:

11 OF 11



MEMORANDUM

TO: Patricia Wahto
JNU Airport Manager

FROM: Ken Nichols, P.E., C.M.
JNU Airport Engineer

RE: Engineer's Report

DATE: December 3, 2016

General

Project specific summaries of project status and activity are presented below. Additionally, I have attached a table of project status information.

Airport Sustainability Master Plan

I have received the draft Airport Layout Plan (ALP) and will post it to the airport website. I expect to submit the draft ALP for Federal Aviation Administration (FAA) review after presentation of the draft to the Assembly Committee of the Whole (December 12) and Airport Board (December 13). After FAA approval of the ALP, the full master plan document will be brought back for review by the Airport Board to forward to the full Assembly for adoption.

Runway Safety Area (RSA) Expansion Phases I and IIA

I have received as-built documents for the FAA work in AutoCad format. I expect to get the pdf format drawings soon.

RSA Expansion Phase IIB

Coordination with the Snow Removal Equipment Building (SREB) project is ongoing. An important element is the permanent service to the SREB as well as future hangar development sites.

Runway 8/26 Rehabilitation

The roaming maintenance station (laptop) has been accepted. Final payment to the contractor is pending receipt of final paperwork and resolution of in-pavement light damage.

Air Cargo Hard Stand

Modification of PFC 7 is moving forward. Airline coordination was completed last week. An important element will be scheduling the work prior to the busy summer season.

Runway 26 Medium Intensity Approach Lighting System With Runway Alignment Indicator Lights (MALSR)

This project will be completed by FAA using Facilities and Equipment budget.

ATTACHMENT #2

Alaska Department of Environmental Conservation (ADEC) Storm Water Multi-Sector General Permit

A facility inspection was completed on November 11. There were no exceedances of permit limits. There were two exceedances of benchmark levels, which will be noted in the next annual report.

Float Pond Improvements

I received word from the FAA that this project can be funded for 2017. I will submit the environmental checklist by December 15.

Taxiway A & F Rehabilitation, Taxiway C, D, E Runway Incursion Mitigation

Several meetings were set up with stakeholders and airport groups while the consultant team visited on November 7-8. Additional stakeholder meetings will be held in January.

FAA NAVAIDs in the North Runway Safety Area and Object Free Area

I expect that any construction work required by the FAA will be combined with the runway re-numbering in 2020. No action was taken on this project in November.

Maplesden Access

I reviewed comments prepared by the Airport on a re-zone application for the adjacent property.

Emergency Vehicle Access Road (EVAR) Extension

A public information meeting was held on November 9. Several comments were received from the public both at the meeting and by email. The consultant will submit a draft EA which includes the comments for internal review in December.

Lavatory Waste Dump Station

I am working with PDC to develop plans for reconstruction of the current dump station to include a new concrete pad and heated water enclosure. I expect to receive a draft plan from PDC for the water enclosure this week.

Runway 9/27 Conversion

FAA will drive the schedule. I expect this to occur in 2020, which is the next epoch year.

ATTACHMENT #2**AIRPORT ENGINEER'S PROJECT STATUS REPORT**

Kenneth S. Nichols, PE, CM

Project	Status	Schedule	Contractor	Notes
Airport Sustainability Master Plan				
Finalize ALP	DRAFT		AECOM	
Economic Impact Report			AECOM/Sheinberg	Final
Finalize Report		Winter 2016	AECOM	
Runway Safety Area Phase I				
Closeout	In Progress	Construction Complete	AIC	Final Easement to be Recorded 2016
Runway Safety Area Phase IIA				
Closeout	In Progress	Construction Complete	Secon	As-Built Drawings received from FAA
Runway Safety Area Phase IIB				
Design	Complete		DOWL	
Bidding	Complete		DOWL	NW Development Area
Construction	Future	2017	SECON	
Runway 8/26 Rehabilitation				
Closeout	In Progress	tbd	Secon	Warrantee Period
Air Cargo Hardstand				
Design			Stantec	Additional slab to be added
Bidding	Re-bid	Late Winter 2016-2017	tbd	
Construction	tbd	Early Summer 2017	tbd	
Runway 26 MALSR				
Planning and Permitting	tbd	tbd	staff	Ongoing dialogue with FAA
ADEC Storm Water Multi-Sector General Permit				
Monitoring	In Progress	Monthly	Staff	
Float Pond Improvements				
Planning and Permitting	Environmental	December 2016	staff	
Design	tbd	tbd	tbd	
Construction	tbd	Winter 2017-2018	tbd	
Taxiway A & F Rehab, Taxiway C, D, E RIM				
Formulation, Planning, Permitting	In Progress	Summer 2017	Staff/PDC	

ATTACHMENT #2**AIRPORT ENGINEER'S PROJECT STATUS REPORT**

Kenneth S. Nichols, PE, CM

Design	Future	Fall/Winter 2017	tbd	
Construction	Future	2018-2019	tbd	
FAA NAVAIDS				
Formulation	tbd	tbd	staff	Combine with RWY 9/27 Conversion
Maplesden Access				
Feasibility	tbd	tbd	staff	
EVAR Extension				
Environmental Assessment	Internal Draft	tbd	DOWL/Staff	
Lavatory Waste Dump Station				
Design	50%	Winter 2016-2017	PDC/Staff	
Construction	tbd	Spring 2017	tbd	
Runway 9/27 Conversion				
Planning and Coordination	Future	Expect 2020	staff	FAA will set schedule
Construction	Future	tbd	tbd	



ATTACHMENT #3

MEMORANDUM

TO: Patty Wahto,
JNU Airport Manager

DATE: December 5, 2016

FROM: Catherine Fritz, AIA
JNU Airport Architect

RE: Architect's Report of November 2016 Activity

Construction of the Aircraft Rescue and Fire Fighting (ARFF) Building Modifications project continues. Concrete footings and stem walls were formed and poured during November. Concrete testing indicated the required compressive strength was met after 7 days' cure. Insulation and sill plates were completed as wall framing began on the ground. The wall sections will be lifted into place in early December. Three monthly payments have been made to the Contractor; work is approximately 19% complete. Progress meetings are occurring every other week; this is expected to increase to weekly once multiple trades start working on site. The project remains on schedule.

The Snow Removal Equipment Building (SREB) began construction in November. The Contractor mobilized by performing tasks such as construction surveying, installing the construction fence, connecting temporary electrical service, setting job trailers, and obtaining security badges for the initial crew. The Contractor has focused on product submittals and shop drawings so as to get fabrication of steel and materials ordering underway. Excavation work on site has been limited. Weekly progress meetings are being held and weekly Storm Water Pollution Prevention Plan (SWPPP) inspections are being made by both the airport's inspector and the Contractor.

Design documents to replace several of the terminal's large electrical panels continued through November, with work reported at approximately 65% complete by the design engineer. The general requirements will be prepared by the airport projects office. The project will be forwarded to the CBJ Engineering Department for bidding as soon as possible to allow the construction work to be completed by early May 2017.

Projects staff began researching options to develop a sign, "Juneau International Airport" to be attached to the canopy at the main entrance of the terminal. A concept is expected to be ready for Airport Board review at the January 2017 meeting.

Maintenance projects during November included:

- minor remodel to two areas in the terminal for the new Juneau Massage Bar concession. One location is in the secure departure lounge on the second floor, and the other is on the first floor near Gate 1.
- worked with the managers of the food and beverage concession to replace prep kitchen equipment to facilitate the new menu that includes small pizzas and tacos – both of these hot food items have received positive reviews from travelers.
- design concepts for the old kitchen area were completed, showing opportunity for several offices to be located in this space, should such tenant demand arise. Demolition of the former kitchen area is nearly complete that will also help facilitate alternative uses of this space.
- began developing concepts to stop the water infiltration at the double sliding doors on the east wall of the terminal near Baggage Claim.

ATTACHMENT #3



Insulated stem wall at ARFF station.



Wall framing at ARFF station constructed on grade; will be placed by crane.



SREB construction area fencing being installed.



Job trailers are set at NW corner of SREB site.