RENTON MUNICIPAL AIRPORT

AIRPORT LAYOUT PLAN UPDATE

616 W PERIMETER ROAD

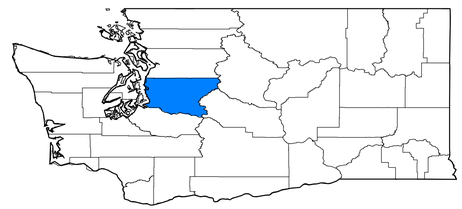
RENTON, WA 98057

3089600-130659.06

JUNE 2022

VICINITY MAP

LOCATION MAP



KING COUNTY

AIRPORT LAYOUT PLAN SHEET LIST		
Sheet Number	Sheet Title	Revised
1	COVER SHEET	JUNE 2022
2	AIRPORT DATA	JUNE 2022
3	AIRPORT LAYOUT PLAN	JUNE 2022
4	AIRPORT AIRSPACE PLAN & PROFILE	JUNE 2022
5	INNER APPROACH SURFACE RUNWAY 16	JUNE 2022
6	INNER APPROACH SURFACE RUNWAY 34	JUNE 2022
7	DEPARTURE SURFACES - PLAN & PROFILE	JUNE 2022
8	TERMINAL AREA PLAN	JUNE 2022
9	SOUTH AREA PLAN	JUNE 2022
10	NORTH AREA PLAN	JUNE 2022
11	AIRPORT LAND USE PLAN	JUNE 2022
12	AIRPORT PROPERTY MAP	JUNE 2022

ALP APPROVAL

Renton Municipal Airport | Renton, Washington

September 27, 2022

Background

The updated Airport Layout Plan (ALP) for the Renton Municipal Airport represents changes since the previously completed ALP Update in 2009. This change was developed based on the conclusions of a master planning update study completed over the course of 2021 and 2022. An aeronautical study (no. 2022-ANM-3058-NRA) was conducted on the proposed development. This determination does not constitute FAA approval or disapproval of the physical development involved in the proposal. It is a determination with respect to the safe and efficient use of navigable airspace by aircraft and with respect to the safety of persons and property on the ground.

ALP

Major changes in this June 2022 ALP from the previous version include:

Total Sheets

- The 2009 ALP includes only 7 total sheets. The 2022 ALP set includes 12 total sheets. The added sheets include Sheet 2, Airport Data, Sheets 5 and 6 Inner Approach Surface, Sheet 7 Departure Surface, and Sheets 8-10, Terminal Area Plans.

Sheet 3 – Airport Layout Plan

- Future Runway 16/34 width recommendation of 150 feet.
- Wind roses and data tables have been included on a separate sheet (Sheet 2) from the ALP (Sheet 3)
- Revised Seaplane Base layout.
- Revised landside development area layouts.
- Recommended RPZ easement acquisition to the south.
- Added Runway 16/34 centerline profile.
- Updated Airport Facilities table.

Sheet 4 – Airport Airspace Plan

- Updated Topographic contour information based on 2014 AGIS Survey

Sheets 5 and 6 – Inner Approach

- Separated into two sheets and added new obstruction data to plan and profile views per 2014 AGIS Survey.

Sheets 8-10 – Terminal Area Plans

- Updated area plans with new proposed layouts

Sheet 12 – Airport Property Map

- Updated with new property and easement information.

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.

Signature Blocks

The FAA signature below acknowledges approval of the ALP.

FAA: Community Planner, SEA ADO

AGNES O. FISHER Digitally signed by AGNES O. FISHER Date: 2022.09.28 15:06:33 -07'00'

Airport Sponsor:

STEVE GLEASON RENTON AIRPORT DIRECTOR

Consultant:

RYAN E. HAYES, PROJECT MANAGER
MEAD&HUNT

REVISIONS		
NO.	DESCRIPTION	DATE

Mead & Hunt
Mead and Hunt, Inc.
1743 Wazee Street,
Suite 400
Denver, CO 80202
phone: 303-825-8844
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AIRPORT LAYOUT PLAN UPDATE

616 W PERIMETER ROAD
RENTON, WA 98057

ISSUED

NOT FOR CONSTRUCTION

M&H NO.: 3089600-130659.06
DATE: JUNE 2022
DESIGNED BY: M&H
DRAWN BY: JWB
CHECKED BY: CAL
DO NOT SCALE DRAWINGS

SHEET CONTENTS
COVER SHEET

SHEET NO.
1

RUNWAY INFORMATION

	RUNWAY 16		RUNWAY 34		
	EXISTING	FUTURE	EXISTING	FUTURE	
CRITICAL AIRCRAFT (ADG II, TDG 2)	BEECH KING AIR	SAME	BEECH KING AIR	SAME	
MINIMUM RUNWAY TO TAXIWAY OFFSET	300'	SAME	300'	SAME	
RUNWAY APPROACH REFERENCE CODE (APRC)	B/III/5000, D/II/5000	SAME	B/III/5000, D/II/5000	SAME	
RUNWAY DEPARTURE REFERENCE CODE (DPRC)	B/III D/II	SAME	B/III D/II	SAME	
RUNWAY DESIGN CODE (RDC)	B-II-5000	SAME	B-II-5000	SAME	
RUNWAY PAVEMENT STRENGTH (IN 1000 LBS.)	100 S, 130 D, 340 DT	SAME	100 S, 130 D, 340 DT	SAME	
RUNWAY PAVEMENT TYPE	ASPH-CONC	SAME	ASPH-CONC	SAME	
RUNWAY PAVEMENT STRENGTH (PCN)	85-93	77-90	85-93	77-90	PCN STRENGTH VARIES ACROSS SECTIONS OF THE RUNWAY
RUNWAY SURFACE TREATMENT	GROOVED	SAME	GROOVED	SAME	
EFFECTIVE RUNWAY GRADIENT %	0.17	SAME	-0.17	SAME	
PERCENT WIND COVERAGE (13-kt)	99.89%	SAME	99.89%	SAME	
RUNWAY WIDTH X LENGTH	200' X 5,382'	150' X 5,382'	200' X 5,382'	150' X 5,382'	
DISPLACED THRESHOLD LENGTH	304'	SAME	340'	SAME	
RUNWAY SAFETY AREA (RSA) WIDTH	150'	SAME	150'	SAME	
RSA LENGTH BEYOND STOP END	300'	SAME	300'	SAME	
RUNWAY LIGHTING	MIRL	SAME	MIRL	SAME	
RUNWAY PROTECTION ZONE (RPZ) DIMENSIONS	500' X 700' X 1000'	SAME	500' X 700' X 1000'	SAME	
RUNWAY MARKING	NON-PREC	SAME	NON-PREC	SAME	
FAR PART 77 APPROACH SLOPE	34:1	SAME	34:1	SAME	
APPROACH TYPE	NON-PREC	SAME	NON-PREC	SAME	
APPROACH VISIBILITY MINIMUMS	1-MILE	SAME	1-MILE	SAME	
AERONAUTICAL SURVEY REQUIRED	NVGS	SAME	NVGS	SAME	
DEPARTURE SURFACE (EB99)	TYPE 7	SAME	TYPE 7	SAME	
RUNWAY OBJECT FREE AREA (ROFA) WIDTH	500'	SAME	500'	SAME	
ROFA LENGTH BEYOND STOP END	340'	SAME	300'	SAME	
RUNWAY OBSTACLE FREE ZONE (ROFZ) WIDTH	400'	SAME	400'	SAME	
ROFZ LENGTH BEYOND RUNWAY END	200'	SAME	200'	SAME	
INNER APPROACH OFZ (IAOFZ) WIDTH	N/A	SAME	N/A	SAME	
INNER APPROACH OFZ (IAOFZ) LENGTH	N/A	SAME	N/A	SAME	
INNER TRANSITIONAL OFZ (IAOFZ) LENGTH	N/A	SAME	N/A	SAME	
THRESHOLD SITING SURFACE (EB99)	TYPE 4	SAME	TYPE 4	SAME	
VISUAL APPROACH AIDS	PAPI, REILS	SAME	PAPI, REILS	SAME	
INSTRUMENT APPROACH AIDS	RNAV/GPS VOR/DME	SAME	RNAV/GPS VOR/DME	SAME	
TOUCHDOWN ZONE ELEVATION	26.1'	SAME	30.4'	SAME	
RUNWAY CENTERLINE TO HOLD LINE	200'	SAME	200'	SAME	

RUNWAY END DATA

		RUNWAY 16	RUNWAY 34
RUNWAY END COORDINATES NVG SURVEY JUNE 2016	EXISTING	47° 30' 01.70" N 122° 13' 00.67" W	47° 29' 08.86" N 122° 12' 52.67" W
	FUTURE	SAME	SAME
DISPLACED THRESHOLD COORDINATES NVG SURVEY JUNE 2016	EXISTING	47° 29' 58.73" N 122° 13' 00.22" W	47° 29' 12.20" N 122° 12' 53.18" W
	FUTURE	SAME	SAME

RUNWAY ELEVATIONS NVG SURVEY JUNE 2016	RUNWAY 16		RUNWAY 34	
	EXISTING	FUTURE	EXISTING	FUTURE
END	24.1'	SAME	32.0'	SAME
HIGH POINT	32.0'	SAME	32.0'	SAME
LOW POINT	23.7'	SAME	23.7'	SAME
TOUCHDOWN ZONE ELEVATION	26.1'	SAME	30.4'	SAME
DISPLACED THRESHOLD ELEVATION	24.0'	SAME	30.4'	SAME

LAT./LONG. COORDINATES ARE NAD83. ELEVATIONS ARE NAVD88.

DECLARED DISTANCES

	RUNWAY 16		RUNWAY 34	
	EXISTING	FUTURE	EXISTING	FUTURE
TAKE OFF RUN AVAILABLE (TORA)	5,382'	SAME	5,382'	SAME
TAKE OFF DISTANCE AVAILABLE (TODA)	5,382'	SAME	5,382'	SAME
ACCELERATE-STOP DISTANCE AVAILABLE (ASDA)	5,042'	SAME	5,082'	SAME
LANDING DISTANCE AVAILABLE (LDA)	4,742'	SAME	4,742'	SAME

SOURCE: AIRPORT/FACILITIES DIRECTORY .

TAXIWAY DATA

	T/W 'A'		T/W 'A1'		T/W 'A2'		T/W 'A3-A5'		T/W 'A6-A7'	
CRITICAL AIRCRAFT BEECH KING AIR	EXISTING	FUTURE	EXISTING	FUTURE	EXISTING	FUTURE	EXISTING	FUTURE	EXISTING	FUTURE
TAXIWAY DESIGN GROUP (TDG)	2	SAME	2	SAME	2	SAME	2	SAME	2	SAME
WIDTH IN FEET (STANDARD)	50' (35')	SAME	50' (35')	SAME	75' (35')	SAME	40' (35')	SAME	50' (35')	SAME
SAFETY AREA WIDTH (IN FEET)	79'	SAME	79'	SAME	79'	SAME	79'	SAME	79'	SAME
OBJECT FREE AREA WIDTH (IN FEET)	131'	SAME	131'	SAME	131'	SAME	131'	SAME	131'	SAME
SEPARATION (IN FEET) T/W TO T/W	105'	SAME	105'	SAME	105'	SAME	105'	SAME	105'	SAME
T/W TO OBJECT	65.5'	SAME	65.5'	SAME	65.5'	SAME	65.5'	SAME	65.5'	SAME
LIGHTING	MITL	SAME	MITL	SAME	MITL	SAME	MITL	SAME	MITL	SAME
TAXIWAY EDGE SAFETY MARGIN	10'	SAME	10'	SAME	10'	SAME	10'	SAME	10'	SAME
TAXIWAY SHOULDER WIDTH	0	SAME	0	SAME	0	SAME	0	SAME	0	SAME

TAXIWAY DATA

	T/W 'B' (B3-B6)		T/W 'B' (B6-B7)		T/W 'B3-B4'		T/W 'B5'		T/W 'B6'		T/W 'B7'	
CRITICAL AIRCRAFT BEECH KING AIR	EXISTING	FUTURE	EXISTING	FUTURE	EXISTING	FUTURE	EXISTING	FUTURE	EXISTING	FUTURE	EXISTING	FUTURE
TAXIWAY DESIGN GROUP (TDG)	2	SAME	2	SAME	2	SAME	2	SAME	2	SAME	2	SAME
WIDTH IN FEET (STANDARD)	25' (35')	SAME	60' (35')	SAME	40' (35')	SAME	35' (35')	SAME	60' (35')	SAME	50' (35')	SAME
SAFETY AREA WIDTH (IN FEET)	79'	SAME	79'	SAME	79'	SAME	79'	SAME	79'	SAME	79'	SAME
OBJECT FREE AREA WIDTH (IN FEET)	131'	SAME	131'	SAME	131'	SAME	131'	SAME	131'	SAME	131'	SAME
SEPARATION (IN FEET) T/W TO T/W	105'	SAME	105'	SAME	105'	SAME	105'	SAME	105'	SAME	105'	SAME
ADG IV STANDARD T/W TO OBJECT	65.5'	SAME	65.5'	SAME	65.5'	SAME	65.5'	SAME	65.5'	SAME	65.5'	SAME
LIGHTING	MITL	SAME	MITL	SAME	MITL	SAME	MITL	SAME	MITL	SAME	MITL	SAME
TAXIWAY EDGE SAFETY MARGIN	10'	SAME	10'	SAME	10'	SAME	10'	SAME	10'	SAME	10'	SAME
TAXIWAY SHOULDER WIDTH	0	SAME	20'	SAME	0	SAME	0	SAME	20'	SAME	20'	SAME

MODIFICATION OF STANDARDS

ITEM	STANDARD	EXISTING	FUTURE	APPROVAL DATE	AIRSPACE CASE NO.
NONE REQUIRED					

AIRPORT FACILITIES

NO.	DESC.	HEIGHT AGL
1	SEAPLANE DOCK	
2	BUILDING 1000 (US CUSTOMS)	12'
3	BUILDING 860	26'
4	BUILDING 850	27'
5	HANGAR 840	23'
6	BUILDING 840	
7	REMOVED	
8	BUILDING 800	21'
9	BUILDING 790 (TO BE REMOVED)	26'
10	AIR O FUEL TANKS	
11	BUILDING 770	
12	BUILDING 710	14'
13	BOEING FUEL FARM	
14	BUILDING 650 (BOEING 5-45)	25'
15	BUILDING 633	25'
16	BUILDING 616 (AIR TRAFFIC CONTROL TOWER)	55'
17	BUILDING 608	20'
18	BUILDING 600	15'
19	PRO FLIGHT FUEL TANKS	
20	BUILDING 540	22'
21	BUILDING 520	16'
22	BUILDING 500	20'
23	300 RAINIER AVE (TO BE REMOVED)	
24	BUILDING 300	15'
25	BUILDING 250	27'
26	BUILDING 243 (FUTURE AIRPORT ADMINISTRATION)	15'
27	BLAST FENCE	22'
28	BUILDING 350 (TO BE REMOVED)	18'
29	REMOVED	
30	REMOVED	
31	REMOVED	
32	BUILDING 289B	24'
33	BUILDING 289A	26'
34	BUILDING 330 (TO BE REMOVED)	22'
35	BUILDING 300 (TO BE REMOVED)	32'
36	BUILDING 295	40'
37	BOEING 5-08	25'
38	BOEING 5-09	25'
39	BOEING 5-50 PAINT HANGAR	70'
40	BOEING 5-03	
41	BOEING 5-36	
42	BOEING 5-43	13'
43	BUILDING 749B (RIVER HANGARS)	13'
44	BUILDING 749A (RIVER HANGARS)	13'
45	FAA EQUIPMENT/COMM TOWER	

AIRPORT INFORMATION

	EXISTING	FUTURE
AIRPORT REFERENCE CODE	B-II	SAME
MEAN MAX. TEMPERATURE (HOTTEST MONTH)	75° (AUG)	SAME
AIRPORT ELEVATION (AMSL) NAVD 88	32.0'	SAME
AIRPORT & TERMINAL NAVAIDS	RNAV/GPS VOR/DME LPV-WAAS	SAME
AIRPORT REFERENCE POINT (ARP) NAD 83 EXISTING / FUTURE	47°29'35.30"N 122°12'56.70"W	SAME SAME
TAXIWAY LIGHTING	MITL	SAME
TAXIWAY MARKING	CNTL,EDGE,DIR SIGN	SAME
CRITICAL AIRCRAFT	BEECH KING AIR	SAME
WINGSPAN	45.9'	SAME
UNDERCARRIAGE	14'	SAME
APPROACH SPEED	111 Kt	SAME
MAGNETIC VARIATION (DATE)	15°34'E (JAN 2020)	SAME
NPIAS SERVICE LEVEL	RELIEVER	SAME
COMBINED WIND COVERAGE	99.89% (13 KNOT)	SAME

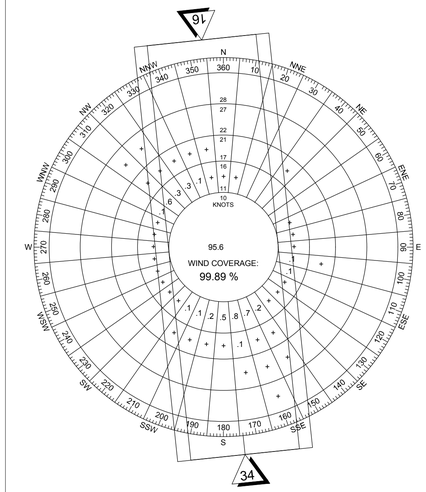
REVISIONS & NOTES

NO.	DESCRIPTION	DATE

NOTES:

1. THIS DRAWING SHOULD NOT BE USED AS A STANDARD FOR PLANNING OR DESIGN.
2. TOPOGRAPHICAL INFORMATION BY QUANTUMSPATIAL, JUNE 2016.
3. MAGNETIC DECLINATION CALCULATED BY NATIONAL GEOPHYSICAL DATA CENTER.
4. ALL LAT. LONG. COORDINATE INFORMATION (NAD83) & RUNWAY ELEVATION DATA (NAVD88) PER NGS
5. CRITICAL AIRCRAFT BEECH KING AIR (ADG II, TDG 2)
6. THIS ALP UPDATE PROJECT SCOPE FOR THE RENTON MUNICIPAL AIRPORT WAS DEVELOPED IN MAY OF 2021 WITH THE UNDERSTANDING THAT THE ALP WOULD BE DESIGNED IN ACCORDANCE WITH FAA ADVISORY CIRCULAR (AC) 150/5300-13A, AIRPORT DESIGN. AT THE TIME THE SCOPE WAS DEVELOPED, A DRAFT VERSION OF AN UPDATE TO THIS ADVISORY CIRCULAR LABELED AS FAA AC 5300-13B WAS BEING CIRCULATED FOR INDUSTRY COMMENT WITH THE POTENTIAL FOR RELEASE OF THIS NEW AC DURING THE PROJECT SCHEDULE TIMEFRAME. THE SCOPE OF SERVICES WAS VERY CLEAR THAT THIS ALP UPDATE WOULD BE DEVELOPED TO FAA AC 150/5300-13A STANDARD AND NOT BE DEVELOPED TO FAA AC 150/5300-13B STANDARDS. HOWEVER, ANY SUBSEQUENT AIRFIELD DESIGN OF IMPROVEMENTS SHOWN ON THIS ALP SHOULD BE DEVELOPED IN ACCORDANCE WITH FAA AC 150/5300-13B.
7. TAXIWAY A AND THE PORTION OF TAXIWAY B LOCATED ADJACENT TO APRON A ACCOMMODATE 737 SIZE AIRCRAFT TO AND FROM THE VARIOUS AIRCRAFT MANUFACTURING APRONS AND PARKING AREAS. AS SUCH, THE PAVEMENT STRENGTH FOR THESE TAXIWAYS HAS ALWAYS BEEN DESIGNED TO ACCOMMODATE AND SHOULD CONTINUE TO BE DESIGNED TO ACCOMMODATE 737 SIZE AIRCRAFT.

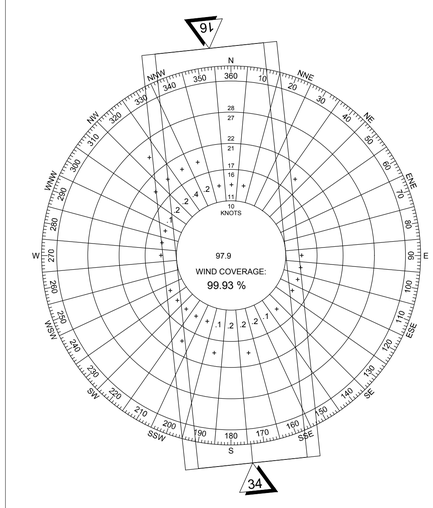
ALL WEATHER WINDROSE



ALL-WEATHER WIND COVERAGE SUMMARY		
RUNWAY	10.5-Knot	13-Knot
RUNWAY 16	88.76%	88.85%
RUNWAY 34	81.22%	81.48%
RUNWAY 16/34	99.58%	99.89%

SOURCE: WIND ANALYSIS TABULATION PROVIDED BY MEAD & HUNT UTILIZING THE FAA AIRPORT DESIGN TOOLS, WIND ANALYSIS. WIND DATA OBTAINED FROM NOAA, NCDC, STATION 727934, RENTON. PERIOD OF RECORD 2011-2020. NOTE: A 5-KNOT TAILWIND COMPONENT WAS USED FOR THE INDIVIDUAL RUNWAY END ANALYSIS.

IFR WINDROSE



IFR WIND COVERAGE SUMMARY		
RUNWAY	10.5-Knot	13-Knot
RUNWAY 16	92.14%	92.21%
RUNWAY 34	88.32%	88.44%
RUNWAY 16/34	99.77%	99.93%

SOURCE: WIND ANALYSIS TABULATION PROVIDED BY MEAD & HUNT UTILIZING THE FAA AIRPORT DESIGN TOOLS, WIND ANALYSIS. WIND DATA OBTAINED FROM NOAA, NCDC, STATION 727934, RENTON. PERIOD OF RECORD 2011-2020. NOTE: A 5-KNOT TAILWIND COMPONENT WAS USED FOR THE INDIVIDUAL RUNWAY END ANALYSIS.

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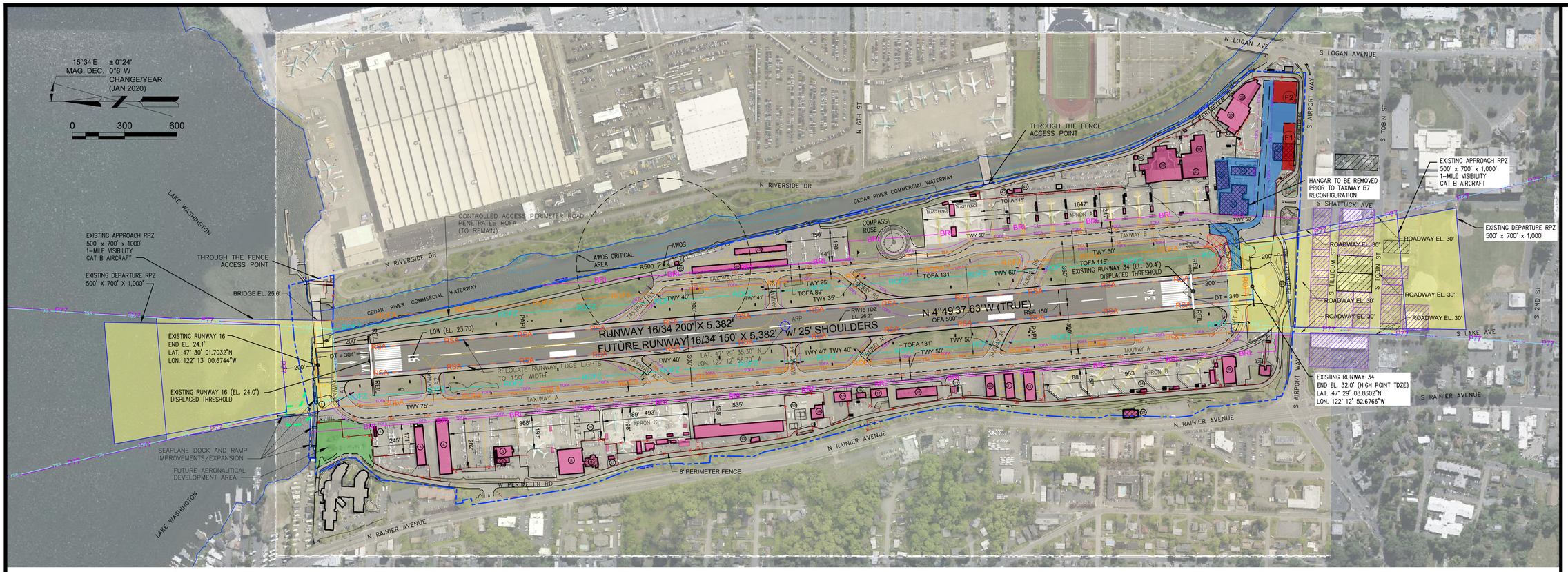
SHEET CONTENTS
AIRPORT DATA

SHEET NO.
2



AIRPORT FACILITIES

NO.	DESC.	HEIGHT AGL	OB LIGHT
1	SEAPLANE DOCK		
2	BUILDING 1000 (US CUSTOMS)	12'	
3	BUILDING 860	26'	
4	BUILDING 850	27'	YES
5	HANGAR 840	23'	
6	BUILDING 840		
7	REMOVED		
8	BUILDING 800	21'	
9	BUILDING 790 (TO BE REMOVED)	26'	
10	AIR O FUEL TANKS		
11	BUILDING 770		
12	BUILDING 710	14'	
13	BOEING FUEL FARM		
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15	BUILDING 633	25'	
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17	BUILDING 608	20'	
18	BUILDING 600	15'	
19	PRO FLIGHT FUEL TANKS		
20	BUILDING 540	22'	
21	BUILDING 520	16'	
22	BUILDING 500	20'	
23	300 RAINIER AVE (TO BE REMOVED)		
24	BUILDING 300	15'	
25	BUILDING 250	27'	
26	BUILDING 243 (FUTURE AIRPORT ADMINISTRATION)	15'	
27	BLAST FENCE	22'	YES
28	BUILDING 350 (TO BE REMOVED)	18'	
29	REMOVED		
30	REMOVED		
31	REMOVED		
32	BUILDING 287	24'	
33	BUILDING 289	26'	
34	BUILDING 330 (TO BE REMOVED)	22'	
35	BUILDING 300 (TO BE REMOVED)	32'	YES
36	BUILDING 295 (TO BE REMOVED)	40'	
37	BOEING 5-08	25'	
38	BOEING 5-09	25'	
39	BOEING 5-50 PAINT HANGAR	70'	YES
40	BOEING 5-03		
41	BOEING 5-36		
42	BOEING 5-43	13'	
43	BUILDING 749B (RIVER HANGARS)	13'	
44	BUILDING 749A (RIVER HANGARS)	13'	
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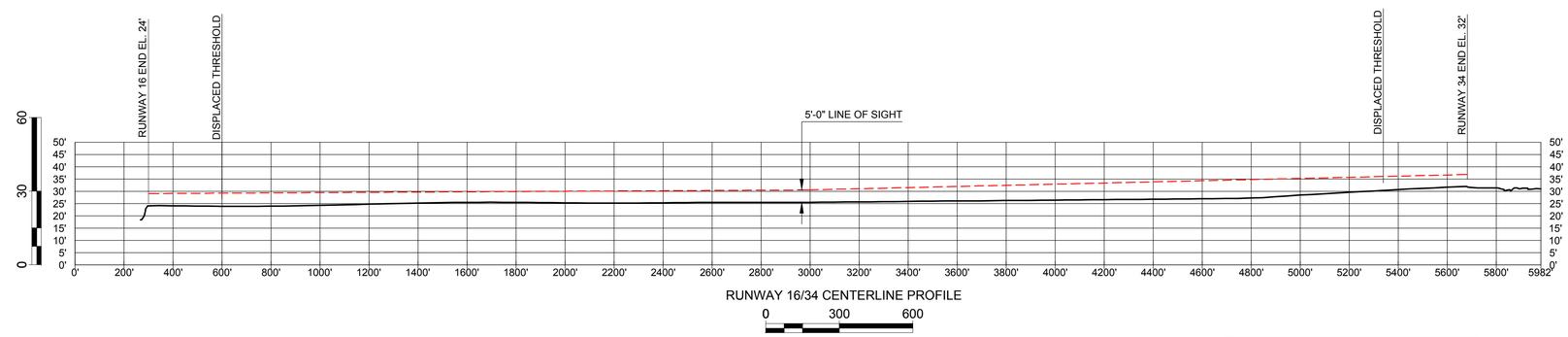

REVISIONS

NO.	DESCRIPTION	DATE

AIRPORT FACILITIES

NO.	DESC.	HEIGHT AGL	
F1	FUTURE CLEAR SPAN HANGAR		
F2	FUTURE LARGE HANGAR REPLACEMENT		

FAA APPROVAL

NOTES

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DRAWING LEGEND

DESCRIPTION	EXISTING	FUTURE
AIRFIELD PAVEMENT		
AERONAUTICAL DEVELOPMENT AREA		
ON-AIRPORT BUILDING		
ON-AIRPORT BUILDING TO BE REMOVED		
OFF-AIRPORT BUILDING		N/A
ROADWAY		
RUNWAY SAFETY AREA (RSA)	RSA	N/A
RUNWAY OBJECT FREE AREA (OFA)	OFA	N/A
RUNWAY OBSTACLE FREE ZONE (OFZ)	ROFZ	N/A
RUNWAY PROTECTION ZONE (RPZ)		N/A
AVIGATION EASEMENT		
THRESHOLD SITING SURFACE	TSS	N/A
PART 77 APPROACH SURFACE	P77	N/A
TAXIWAY SAFETY AREA (TSA)	TSA	TSA
TAXIWAY OBJECT FREE AREA (TOFA)	TOFA	TOFA
PERIMETER FENCING (8')		
AIRPORT PROPERTY LINE		
PRECISION APPROACH PATH INDICATOR (PAPI)	PAPI	N/A
AIRPORT REFERENCE POINT (ARP)		N/A
RUNWAY END IDENTIFIER LIGHTS (REIL)	****	****
HOLDING POSITION MARKING		
WIND SOCK		
DNR LEASE		N/A

Mead & Hunt

Mead and Hunt, Inc.
1743 Wazee Street,
Suite 400
Denver, CO 80202
phone: 303-825-8844
meadhunt.com

RENTON MUNICIPAL AIRPORT AIRPORT LAYOUT PLAN UPDATE

616 W PERIMETER ROAD
RENTON, WA 98057

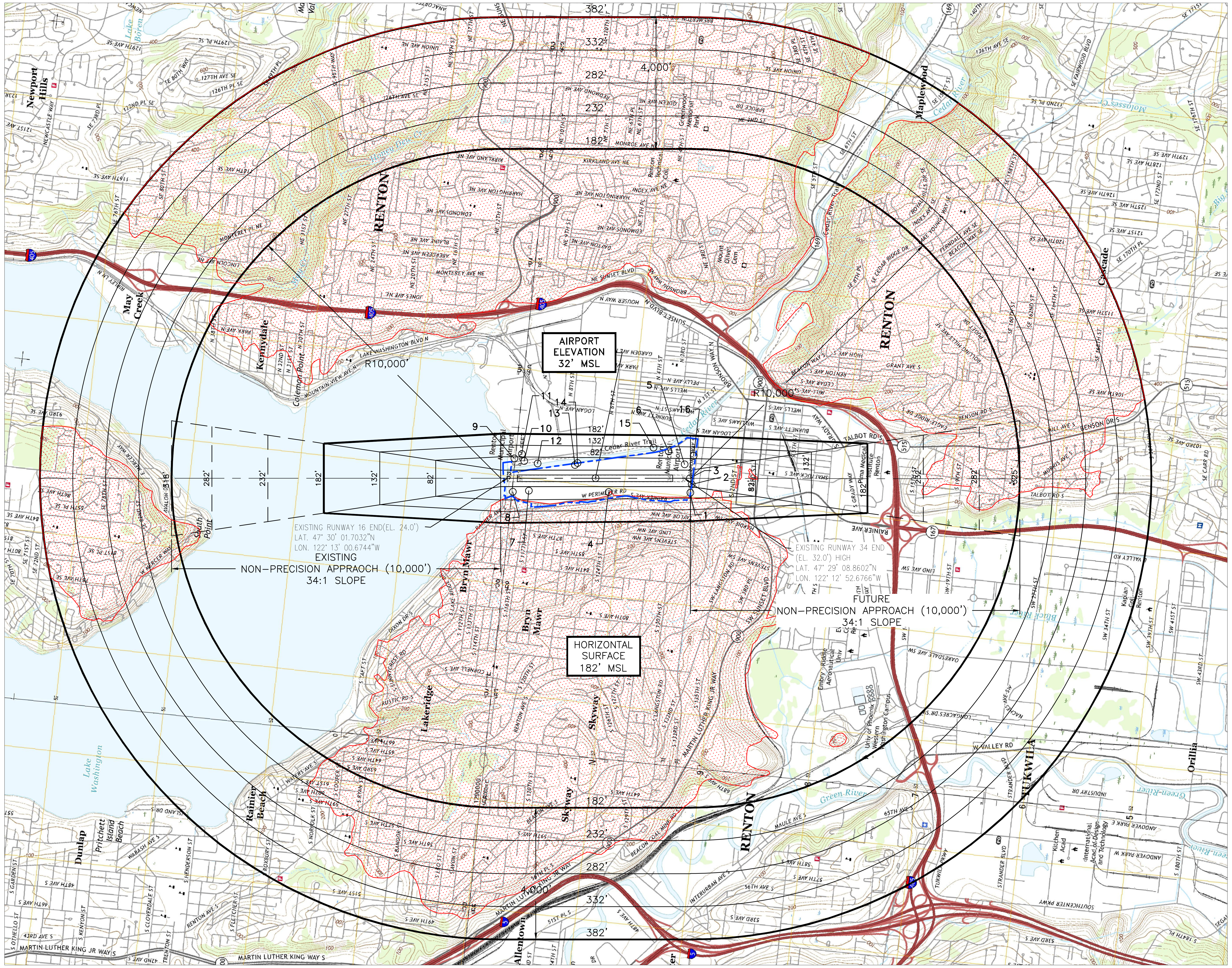
ISSUED

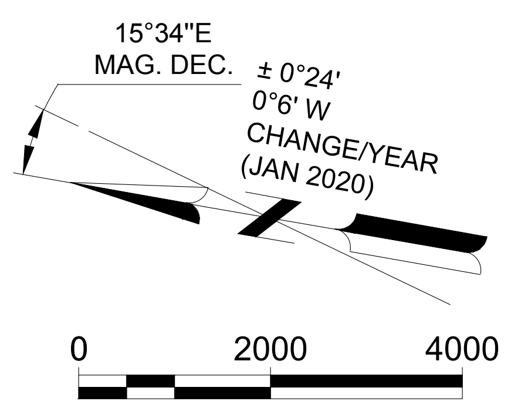
NOT FOR CONSTRUCTION

M&H NO.: 3089600-130659.06
DATE: JUNE 2022
DESIGNED BY: M&H
DRAWN BY: JWB
CHECKED BY: CAL
DO NOT SCALE DRAWINGS

SHEET CONTENTS
AIRPORT LAYOUT PLAN

SHEET NO.
3



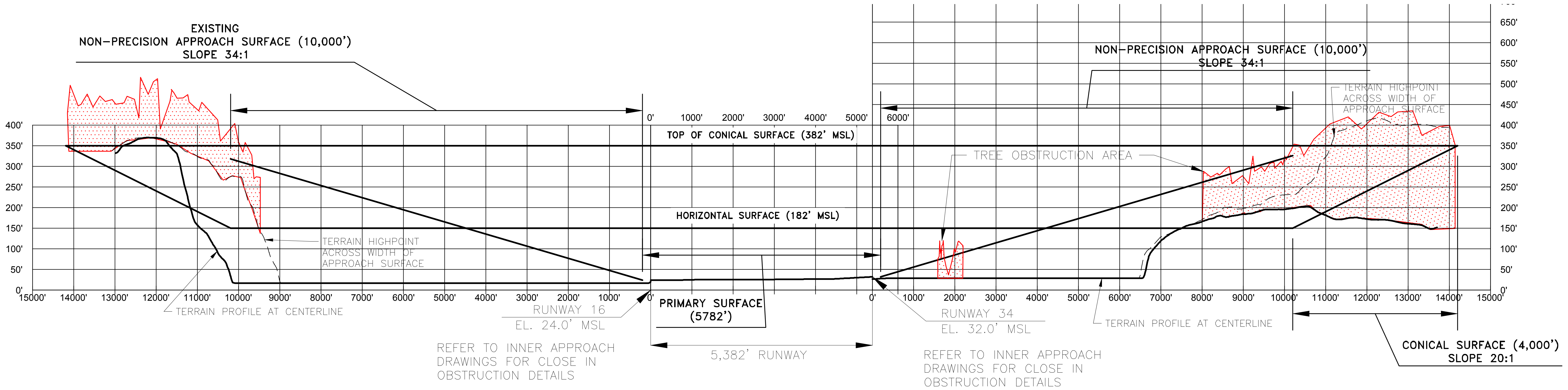


OBSTRUCTIONS

NO.	DESCRIPTION	ELEV.	SURFACE	PEN.	DISPOSITION
1	LIGHT STANDARD	72.9	TRANS.	14.4	TBS
2	LIGHT STANDARD	47.0	PRIMARY	14.4	TBS
3	BLASE FENCE (OL)	43.3	PRIMARY	21.0	TBS
4	ANTENNA OR CONTROL TOWER (OL)	96.9	TRANS.	46.8	TBS
5	BOEING HANGAR (OL)	58.6	TRANS.	3.1	TBS
6	BOEING PAINT HANGAR (OL)	114.4	TRANS.	1.2	TBS
7	HANGAR (OL)	50.9	TRANS.	8.8	TBS
8	POLE	48.9	TRANS.	2.1	TBS
9	BUILDING	108.7	TRANS.	34.6	TBS
10	TREE	84.3	TRANS.	21.4	TBS
11	BOEING HANGAR (OL)	104.6	TRANS.	10.2	TBS
12	TREE	83.0	TRANS.	29.7	TBS
13	TOWER	64.0	TRANS.	15.7	TBS
14	TREE	58.4	TRANS.	2.3	TBS
15	TREE	130.2	TRANS.	2.8	TBS
16	TREE	96.0	TRANS.	1.8	TBS
	(OL) OBSTRUCTION LIGHTED	AGL			

TBS = TO BE FURTHER STUDIED IN FUTURE AIRSPACE REVIEW

REFER TO INNER APPROACH DRAWINGS FOR CLOSE IN OBSTRUCTION DETAILS.



REVISIONS & NOTES

NO.	DESCRIPTION	DATE

NOTES:

1. THIS DRAWING SHOULD NOT BE USED AS A STANDARD FOR PLANNING OR DESIGN.
2. TOPOGRAPHICAL INFORMATION BY QUANTUMSPATIAL, JUNE 2016.
3. MAGNETIC DECLINATION CALCULATED BY NATIONAL GEOPHYSICAL DATA CENTER.
4. ALL LAT. LONG. COORDINATE INFORMATION (NAD83) & RUNWAY ELEVATION DATA (NAVD88) PER NGS
5. HEIGHT RESTRICTION ZONING FOR AIRPORT (Ord. 5029, 11-24-03; Ord. 5100, 11-1-04)
6. OBSTRUCTIONS FROM 2015 AGIS BY QUANTUM SPATIAL.

DRAWING LEGEND

	EXISTING	
AIRPORT PROPERTY LINE	— — — —	
RUNWAYS	▬	
PART 77 CONTROLLING SURFACE	——	
PART 77 NON-CONTROLLING SURFACE	— — — — —	
TERRAIN PENETRATION TO PART 77 SURFACE	▨	

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AIRPORT LAYOUT PLAN UPDATE

616 W PERIMETER ROAD
RENTON, WA 98057

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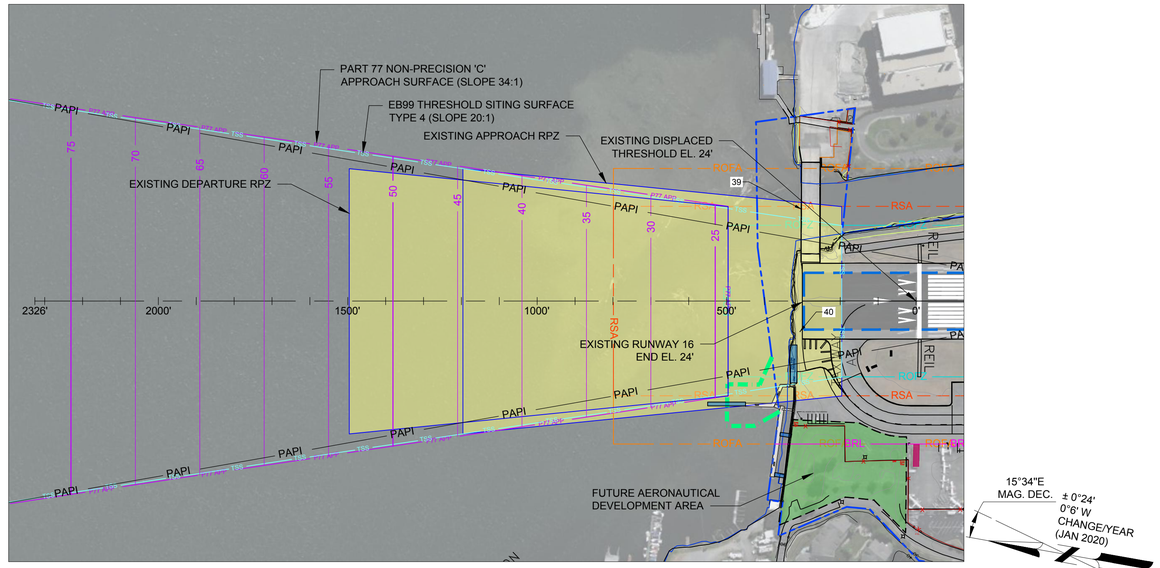
SHEET CONTENTS
AIRPORT AIRSPACE PLAN & PROFILE

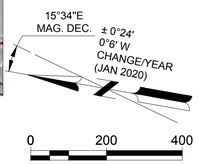
SHEET NO.
4

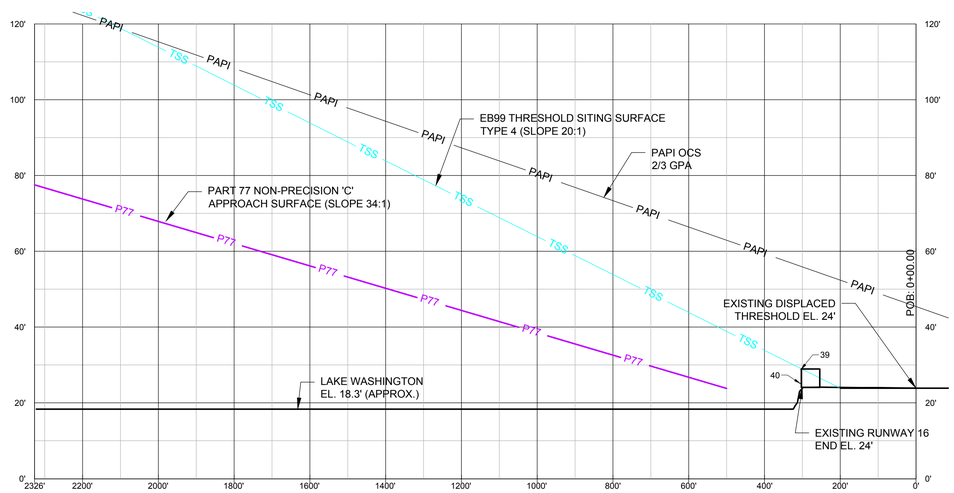
\\CORP.MEADHUNT.COM\SHAREDFOLDERS\ENT\P\3089600\130659.06\TECH\CAD\DRAWINGS\ALP_UPDATE\AIRPORT AIRSPACE PLAN.DWG
6/23/2022 8:24:07 AM



RUNWAY 16 APPROACH PLAN

1" = 200'





RUNWAY 16 APPROACH PROFILE

1" = 200' HORIZONTALLY
1" = 20' VERTICALLY

RUNWAY 16 PART 77 OBSTRUCTIONS

NO.	DESCRIPTION	TOP ELEVATION	GROUND ELEVATION	PENETRATION	DISPOSITION
39	BRIDGE	28.85	24.00	4.85	TBS
40	RUNWAY LIGHT	25.18	24.00	1.18	TBS

RUNWAY 16 THRESHOLD SITING OBSTRUCTIONS

NO.	DESCRIPTION	TOP ELEVATION	GROUND ELEVATION	PENETRATION	DISPOSITION
39	BRIDGE	28.85	24.00	2.40	TBS

RUNWAY 16 PAPI OBSTACLE CLEARANCE SURFACE OBSTRUCTIONS

NONE IDENTIFIED

TBS = TO BE FURTHER STUDIED IN FUTURE AIRSPACE REVIEW.

NOTES:

1. ELEVATION IN FEET ABOVE MEAN SEA LEVEL (MSL) AT TOP OF OBJECT. THIS VALUE INCLUDES 15 FEET ADDED TO NON-INTERSTATE ROADWAYS, 17 FEET ADDED TO INTERSTATE HIGHWAYS, AND 23 FEET ADDED TO RAILROADS.
2. AIRPORT GEOGRAPHIC INFORMATION SURVEY (AGIS) BY QUANTUM SPATIAL, OCTOBER 21, 2015.
3. A SUBSET OF SIGNIFICATION OBSTRUCTIONS FROM THE AGIS IS SHOWN.

REVISIONS & NOTES

NO.	DESCRIPTION	DATE

NOTES:

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3. MAGNETIC DECLINATION CALCULATED BY NATIONAL GEOPHYSICAL DATA CENTER.
4. ALL LAT. LONG. COORDINATE INFORMATION (NAD83) & RUNWAY ELEVATION DATA (NAVD88) PER NGS

DRAWING LEGEND

DESCRIPTION	EXISTING	FUTURE
AIRFIELD PAVEMENT		
AERONAUTICAL DEVELOPMENT AREA		
ON-AIRPORT BUILDING		
ON-AIRPORT BUILDING TO BE REMOVED		
OFF-AIRPORT BUILDING		N/A
ROADWAY		
RUNWAY SAFETY AREA (RSA)	RSA	N/A
RUNWAY OBJECT FREE AREA (OFA)	OFA	N/A
RUNWAY OBSTACLE FREE ZONE (OFZ)	ROFZ	N/A
RUNWAY PROTECTION ZONE (RPZ)		N/A
AVIGATION EASEMENT		
THRESHOLD SITING SURFACE	TSS	N/A
PART 77 APPROACH SURFACE	P77	N/A
PAPI OBSTACLE CLEARANCE SURFACE	PAPI	N/A
TAXIWAY SAFETY AREA (TSA)	TSA	TSA
TAXIWAY OBJECT FREE AREA (TOFA)	TOFA	TOFA
PERIMETER FENCING (8')		
AIRPORT PROPERTY LINE		
PRECISION APPROACH PATH INDICATOR (PAPI)	PAPI	N/A
AIRPORT REFERENCE POINT (ARP)		N/A
RUNWAY END IDENTIFIER LIGHTS (REIL)		
HOLDING POSITION MARKING		
WIND SOCK		
DNR LEASE		N/A

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SHEET CONTENTS
INNER APPROACH SURFACE RUNWAY 16

SHEET NO.
5

RUNWAY 34 PART 77 OBSTRUCTIONS

NO.	DESCRIPTION	TOP ELEVATION	GROUND ELEVATION	PENETRATION	DISPOSITION
3	BLAST FENCE	42.64	32.00	10.64	TBS
28	ROADWAY	46.99	31.99	11.99	TBS
29	ROADWAY	45.84	30.84	12.01	TBS
30	ROADWAY	45.79	30.79	13.01	TBS
31	ROADWAY	46.60	31.60	5.81	TBS
32	ROADWAY	44.74	29.74	5.46	TBS
33	ROADWAY	43.99	28.99	-3.24	TBS
34	ROADWAY	44.81	29.81	-3.62	TBS
35	ROADWAY	45.00	30.00	-0.95	TBS
36	ROADWAY	45.00	30.00	-27.83	TBS
37	ROADWAY	45.00	30.00	-29.64	TBS
38	ROADWAY	45.00	30.00	-31.76	TBS
41	BLAST FENCE	44.83	32.00	12.83	TBS
42	BLAST FENCE	43.31	32.00	11.31	TBS
43	ACCESS ROAD	41.60	31.60	9.60	TBS
44	ACCESS ROAD	41.13	31.13	9.13	TBS
45	ACCESS ROAD	41.11	31.11	9.11	TBS
46	ROADWAY	29.28	29.28	-9.26	TBS
47	BUILDING	46.79	30.00	8.80	TBS
48	BUILDING	48.18	30.00	11.07	TBS
49	BUILDING	46.90	30.00	10.29	TBS
50	BUILDING	50.91	30.00	12.51	TBS
51	POLE	45.33	30.00	7.97	TBS
52	BUILDING	47.76	30.00	11.79	TBS
53	SIGN	41.70	30.00	5.80	TBS
54	BUILDING	45.04	30.00	7.58	TBS
55	POLE	64.55	30.00	17.03	TBS
56	POLE	64.18	30.00	17.08	TBS
57	POLE	63.35	30.00	16.82	TBS
58	POLE	64.88	30.00	18.96	TBS
59	BUILDING	58.59	30.00	13.15	TBS
60	BUILDING	51.33	30.00	7.12	TBS
61	BUILDING	45.68	30.00	3.23	TBS
62	BUILDING	50.54	30.00	4.35	TBS
63	POLE	54.93	30.00	10.18	TBS
64	BUSH	43.42	30.00	2.49	TBS
65	BUSH	43.51	30.00	-0.25	TBS
66	BUSH	43.60	30.00	3.25	TBS
67	BUILDING	47.63	30.00	6.20	TBS
68	BUILDING	46.65	30.00	5.46	TBS
69	BUILDING	44.48	30.00	0.43	TBS
70	BUILDING	51.88	30.00	7.69	TBS
71	BUILDING	49.43	30.00	5.24	TBS
72	BUILDING	49.38	30.00	6.27	TBS
73	BUILDING	45.88	30.00	1.44	TBS
74	TREE	52.30	30.00	9.65	TBS
75	BUSH	47.76	30.00	1.92	TBS
76	TREE	67.37	30.00	16.13	TBS
77	TREE	65.43	30.00	15.08	TBS
78	TREE	53.68	30.00	2.84	TBS
79	TREE	54.79	30.00	6.44	TBS
80	BUILDING	53.36	30.00	4.46	TBS
81	BUILDING	49.94	30.00	1.55	TBS
82	BUILDING	51.82	30.00	0.48	TBS
83	TREE	62.10	30.00	13.06	TBS
84	TREE	63.21	30.00	12.48	TBS
85	TREE	60.44	30.00	7.55	TBS
86	TREE	67.74	30.00	16.86	TBS
87	TREE	58.77	30.00	6.61	TBS
88	TREE	69.50	30.00	17.95	TBS

RUNWAY 34 THRESHOLD SITING OBSTRUCTIONS

NO.	DESCRIPTION	TOP ELEVATION	GROUND ELEVATION	PENETRATION	DISPOSITION
123	TREE	59.05	30.00	5.00	TO BE TRIMMED OR REMOVED
124	LIGHTPOLE	55.81	30.00	1.50	TO BE LOWERED OR OB LIGHTED
125	TREE	55.35	30.00	1.10	TO BE TRIMMED OR REMOVED
127	LIGHTPOLE	56.00	30.00	1.20	TO BE LOWERED OR OB LIGHTED
128	LIGHTPOLE	56.55	30.00	0.90	TO BE LOWERED OR OB LIGHTED
130	LIGHTPOLE	56.46	30.00	0.20	TO BE LOWERED OR OB LIGHTED
134	UTILITY	63.86	30.00	0.80	TO BE LOWERED OR OB LIGHTED
137	TREE	100.95	30.00	33.20	TO BE TRIMMED OR REMOVED
152	UTILITY	65.20	30.00	3.20	TO BE LOWERED OR OB LIGHTED

RUNWAY 34 PART 77 OBSTRUCTIONS

NO.	DESCRIPTION	TOP ELEVATION	GROUND ELEVATION	PENETRATION	DISPOSITION
89	TREE	64.41	30.00	15.68	TBS
90	TREE	65.06	30.00	14.54	TBS
91	BUILDING	56.69	30.00	7.70	TBS
92	BUILDING	59.65	30.00	9.42	TBS
93	TREE	108.26	30.00	32.38	TBS
94	TREE	100.77	30.00	25.06	TBS
95	TREE	88.74	30.00	14.05	TBS
96	TREE	92.44	30.00	18.06	TBS
97	TREE	81.06	30.00	6.86	TBS
98	TREE	81.71	30.00	7.78	TBS
99	TREE	82.17	30.00	8.43	TBS
100	TREE	77.18	30.00	1.85	TBS
101	TREE	109.37	30.00	32.96	TBS
102	TREE	107.43	30.00	30.85	TBS
103	TREE	119.91	30.00	43.22	TBS
104	TREE	98.18	30.00	23.08	TBS
105	TREE	74.96	30.00	2.27	TBS
106	TREE	75.14	30.00	2.24	TBS
107	TREE	119.45	30.00	45.16	TBS
116	LIGHTPOLE	47.72	30.00	13.84	TBS
117	LIGHTPOLE	47.58	30.00	14.13	TBS
118	LIGHTPOLE	47.21	30.00	14.17	TBS
119	LIGHTPOLE	47.02	30.00	14.40	TBS
122	LIGHTPOLE	51.93	30.00	16.62	TBS
123	TREE	59.05	30.00	23.71	TO BE TRIMMED OR REMOVED
124	LIGHTPOLE	55.81	30.00	20.67	TO BE LOWERED OR OB LIGHTED
125	TREE	55.35	30.00	19.80	TO BE TRIMMED OR REMOVED
126	TREE	51.40	30.00	15.44	TBS
127	LIGHTPOLE	56.00	30.00	20.52	TO BE LOWERED OR OB LIGHTED
128	LIGHTPOLE	56.55	30.00	20.59	TO BE LOWERED OR OB LIGHTED
129	SIGN	45.61	30.00	8.81	TBS
130	LIGHTPOLE	56.46	30.00	20.11	TO BE LOWERED OR OB LIGHTED
131	TREE	55.72	30.00	18.62	TBS
132	TREE	56.65	30.00	19.49	TBS
134	UTILITY	63.86	30.00	23.22	TO BE LOWERED OR OB LIGHTED
137	TREE	100.95	30.00	57.62	TO BE TRIMMED OR REMOVED
150	UTILITY	57.95	30.00	18.69	TBS
151	UTILITY	60.35	30.00	20.75	TBS
152	UTILITY	65.20	30.00	25.18	TO BE LOWERED OR OB LIGHTED
153	UTILITY	54.61	30.00	13.87	TBS
154	UTILITY	60.13	30.00	18.76	TBS

TBS = TO BE FURTHER STUDIED IN FUTURE AIRSPACE REVIEW.

RUNWAY 34 PAPI OBSTACLE CLEARANCE SURFACE OBSTRUCTIONS

NO.	DESCRIPTION	TOP ELEVATION	GROUND ELEVATION	PENETRATION	DISPOSITION
137	TREE	100.95	30.00		TO BE TRIMMED OR REMOVED

NOTES:

1. ELEVATION IN FEET ABOVE MEAN SEA LEVEL (MSL) AT TOP OF OBJECT. THIS VALUE INCLUDES 15 FEET ADDED TO NON-INTERSTATE ROADWAYS, 17 FEET ADDED TO INTERSTATE HIGHWAYS, AND 23 FEET ADDED TO RAILROADS.
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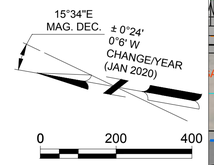
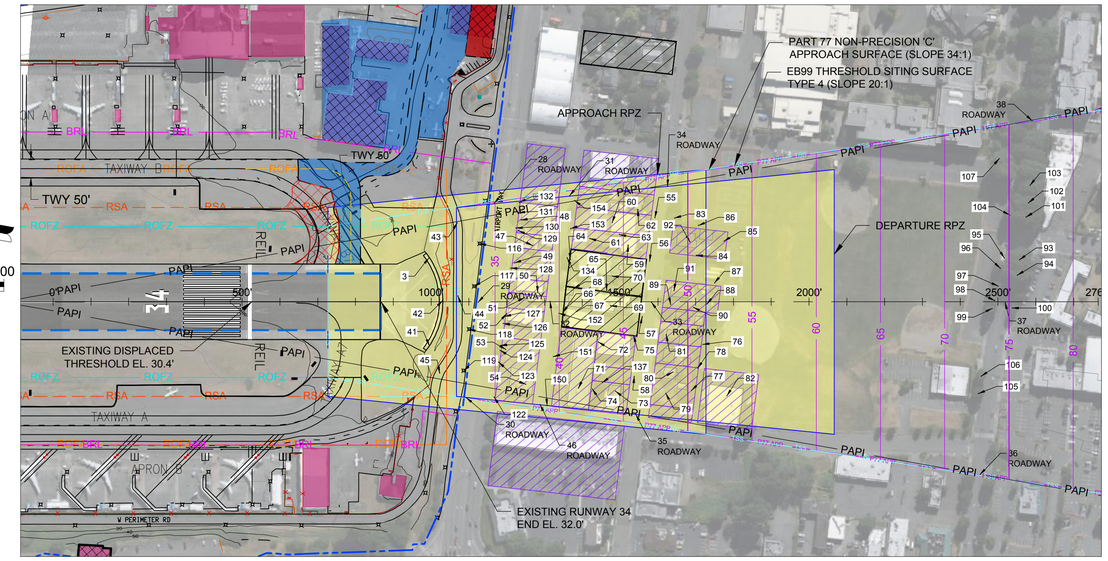
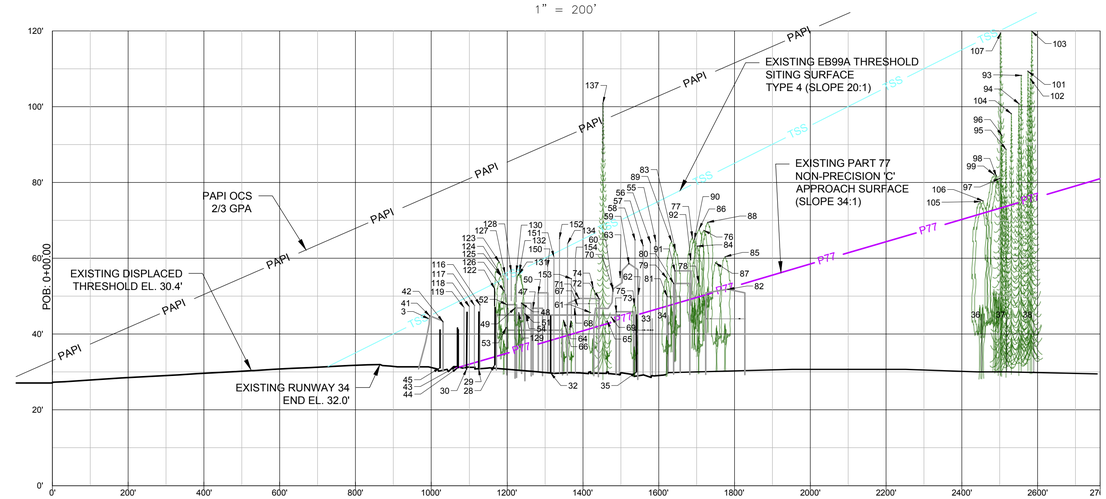




RUNWAY 34 APPROACH PLAN

1" = 200'



RUNWAY 34 APPROACH PROFILE

1" = 200' HORIZONTALLY
1" = 20' VERTICALLY

REVISIONS & NOTES

NO.	DESCRIPTION	DATE

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DRAWING LEGEND

DESCRIPTION	EXISTING	FUTURE
AIRFIELD PAVEMENT		
AERONAUTICAL DEVELOPMENT AREA		
ON-AIRPORT BUILDING		
ON-AIRPORT BUILDING TO BE REMOVED		
OFF-AIRPORT BUILDING		N/A
ROADWAY		
RUNWAY SAFETY AREA (RSA)	RSA	N/A
RUNWAY OBJECT FREE AREA (OFA)	OFA	N/A
RUNWAY OBSTACLE FREE ZONE (OFZ)	ROFZ	N/A
RUNWAY PROTECTION ZONE (RPZ)		N/A
AVIGATION EASEMENT		
THRESHOLD SITING SURFACE	TSS	N/A
PART 77 APPROACH SURFACE	P77	N/A
PAPI OBSTACLE CLEARANCE SURFACE	PAPI	N/A
TAXIWAY SAFETY AREA (TSA)	TSA	TSA
TAXIWAY OBJECT FREE AREA (TOFA)	TOFA	TOFA
PERIMETER FENCING (8')		
AIRPORT PROPERTY LINE		
PRECISION APPROACH PATH INDICATOR (PAPI)	PAPI	N/A
AIRPORT REFERENCE POINT (ARP)		N/A
RUNWAY END IDENTIFIER LIGHTS (REIL)		
HOLDING POSITION MARKING		
WIND SOCK		
DNR LEASE		N/A

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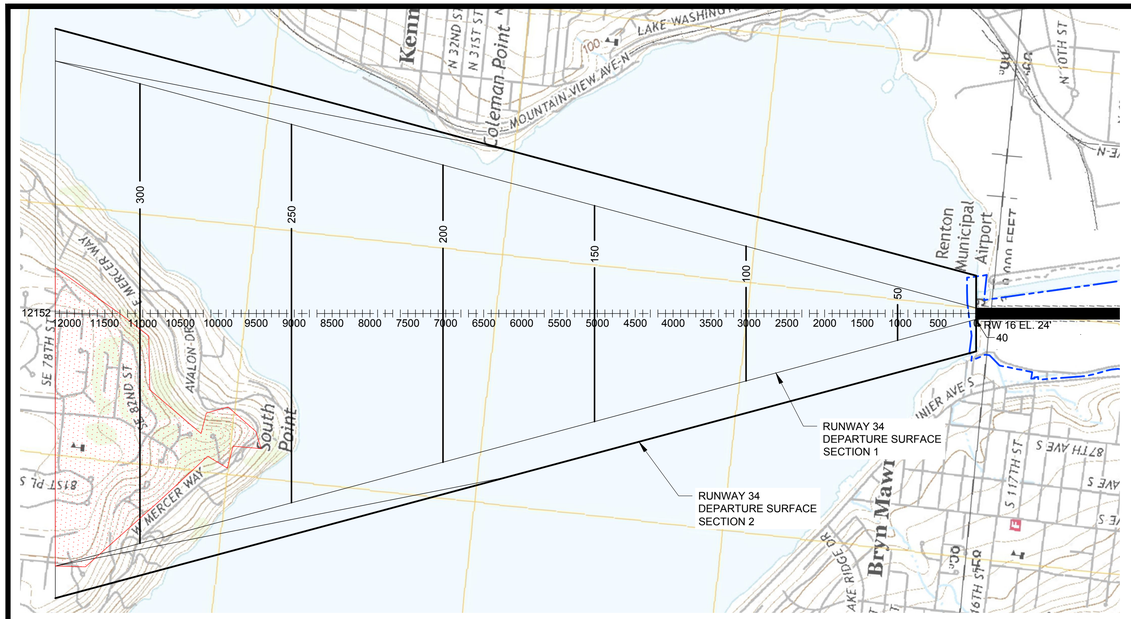
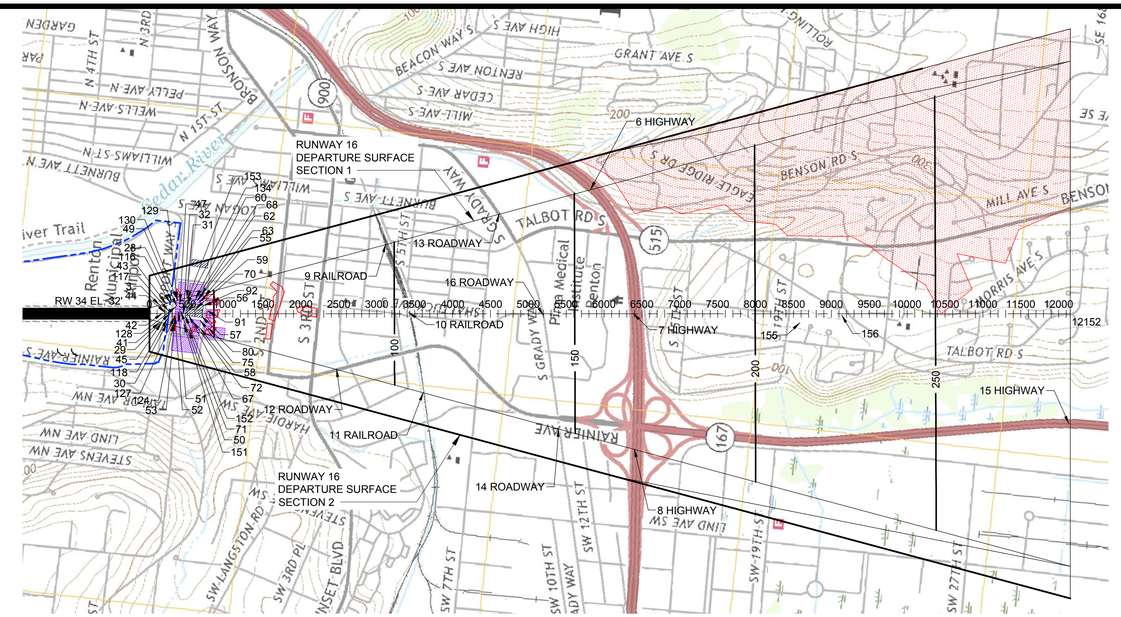
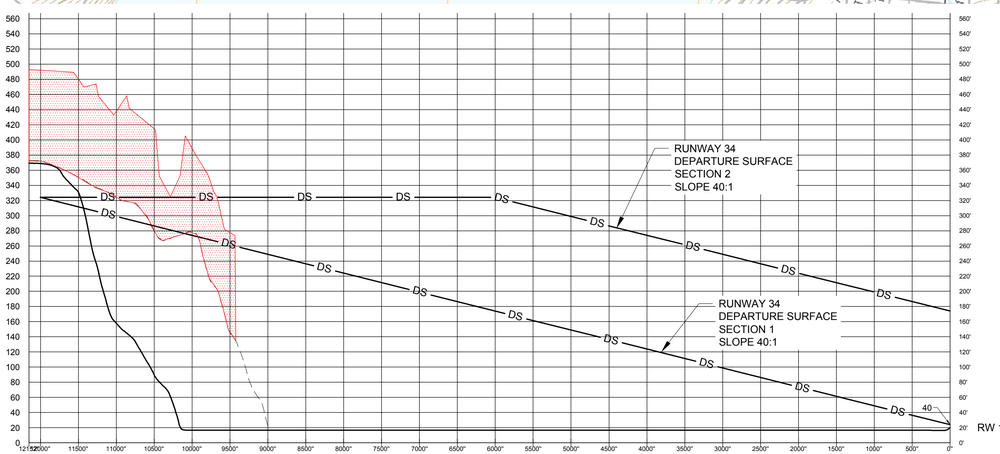
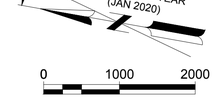
SHEET CONTENTS
INNER APPROACH SURFACE RUNWAY 34

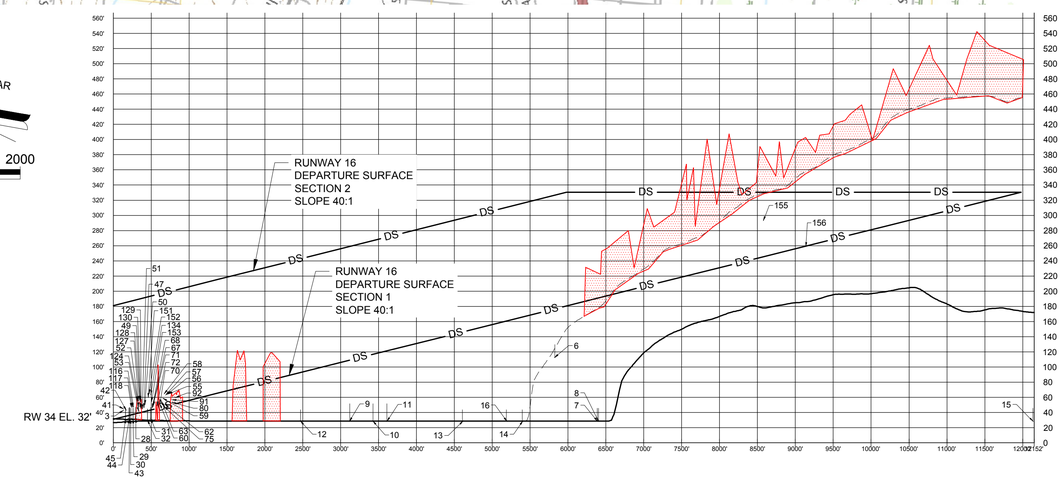
SHEET NO.
6











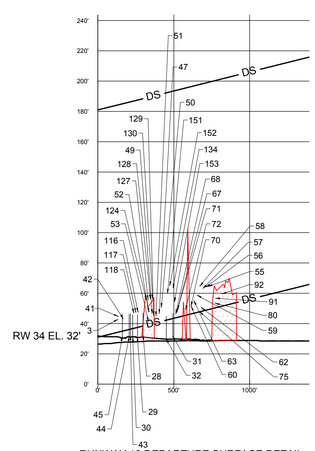
RUNWAY 34 DEPARTURE SURFACE OBSTRUCTIONS

NO.	DESCRIPTION	TOP ELEVATION	GROUND ELEVATION	PENETRATION	DISPOSITION
40	RUNWAY LIGHT	25.18	24.00	1.18	TBS

TBS = TO BE FURTHER STUDIED IN FUTURE AIRSPACE REVIEW.

NOTES:

1. ELEVATION IN FEET ABOVE MEAN SEA LEVEL (MSL) AT TOP OF OBJECT. THIS VALUE INCLUDES 15 FEET ADDED TO NON-INTERSTATE ROADWAYS, 17 FEET ADDED TO INTERSTATE HIGHWAYS, AND 23 FEET ADDED TO RAILROADS.
2. AIRPORT GEOGRAPHIC INFORMATION SURVEY (AGIS) BY QUANTUM SPATIAL, OCTOBER 21, 2015.
3. A SUBSET OF SIGNIFICATION OBSTRUCTIONS FROM THE AGIS IS SHOWN.



RUNWAY 16 DEPARTURE SURFACE DETAIL

RUNWAY 16 DEPARTURE SURFACE OBSTRUCTIONS

NO.	DESCRIPTION	TOP ELEVATION	GROUND ELEVATION	PENETRATION	DISPOSITION
3	BLAST FENCE	42.64	32.00	7.40	TBS
28	ROADWAY	46.99	31.99	7.49	TBS
29	ROADWAY	45.84	30.84	7.27	TBS
30	ROADWAY	45.79	30.79	7.71	TBS
31	ROADWAY	46.60	31.60	2.13	TBS
32	ROADWAY	44.74	29.74	1.55	TBS
41	BLAST FENCE	44.83	32.00	9.58	TBS
42	BLAST FENCE	43.31	32.00	7.26	TBS
43	ACCESS ROAD	41.60	31.60	4.23	TBS
44	ACCESS ROAD	41.13	31.13	3.75	TBS
45	ACCESS ROAD	41.11	31.11	3.74	TBS
47	BUILDING	46.79	30.00	4.84	TBS
49	BUILDING	46.90	30.00	5.98	TBS
50	BUILDING	50.91	30.00	8.47	TBS
51	POLE	45.33	30.00	3.77	TBS
52	BUILDING	47.76	30.00	7.39	TBS
53	SIGN	41.70	30.00	1.38	TBS
55	POLE	64.55	30.00	14.35	TBS
56	POLE	64.18	30.00	14.34	TBS
57	POLE	63.35	30.00	14.00	TBS
58	POLE	64.88	30.00	16.05	TBS
59	BUILDING	58.59	30.00	10.17	TBS
60	BUILDING	51.33	30.00	3.95	TBS
62	BUILDING	50.54	30.00	1.48	TBS

TBS = TO BE FURTHER STUDIED IN FUTURE AIRSPACE REVIEW.

RUNWAY 16 DEPARTURE SURFACE OBSTRUCTIONS

NO.	DESCRIPTION	TOP ELEVATION	GROUND ELEVATION	PENETRATION	DISPOSITION
63	POLE	54.93	30.00	7.09	TBS
67	BUILDING	47.63	30.00	2.61	TBS
68	BUILDING	46.65	30.00	1.84	TBS
70	BUILDING	51.88	30.00	4.52	TBS
71	BUILDING	49.43	30.00	2.07	TBS
72	BUILDING	49.38	30.00	2.94	TBS
75	BUSH	47.76	30.00	1.71	TBS
80	BUILDING	53.36	30.00	4.59	TBS
91	BUILDING	56.69	30.00	3.67	TBS
92	BUILDING	59.65	30.00	8.75	TBS
116	LIGHTPOLE	47.72	30.00	9.12	TBS
117	LIGHTPOLE	47.58	30.00	9.23	TBS
118	LIGHTPOLE	47.21	30.00	9.23	TBS
124	LIGHTPOLE	55.81	30.00	15.59	TBS
127	LIGHTPOLE	56.00	30.00	15.77	TBS
128	LIGHTPOLE	56.55	30.00	16.03	TBS
129	SIGN	45.61	30.00	4.36	TBS
130	LIGHTPOLE	56.46	30.00	15.41	TBS
134	UTILITY	63.86	30.00	19.56	TBS
151	UTILITY	60.35	30.00	17.13	TBS
152	UTILITY	65.20	30.00	21.45	TBS
153	UTILITY	54.61	30.00	10.86	TBS
155	TREE	293.46	165.20	47.95	TBS
156	TREE	259.43	177.98	1.90	TBS

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REVISIONS & NOTES

NO.	DESCRIPTION	DATE

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4. ALL LAT. LONG. COORDINATE INFORMATION (NAD83) & RUNWAY ELEVATION DATA (NAVD88) PER NGS

DRAWING LEGEND

	EXISTING	FUTURE
AIRPORT PROPERTY LINE		
RUNWAYS		
DEPARTURE SURFACE	DS	
AVIGATION EASEMENT		
TERRAIN/TREE PENETRATION TO DEPARTURE SURFACE		

Mead & Hunt

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RENTON MUNICIPAL AIRPORT AIRPORT LAYOUT PLAN UPDATE

616 W PERIMETER ROAD
RENTON, WA 98057

ISSUED

NOT FOR CONSTRUCTION

M&H NO.: 3089600-130659.06
DATE: JUNE 2022
DESIGNED BY: M&H
DRAWN BY: JWB
CHECKED BY: CAL
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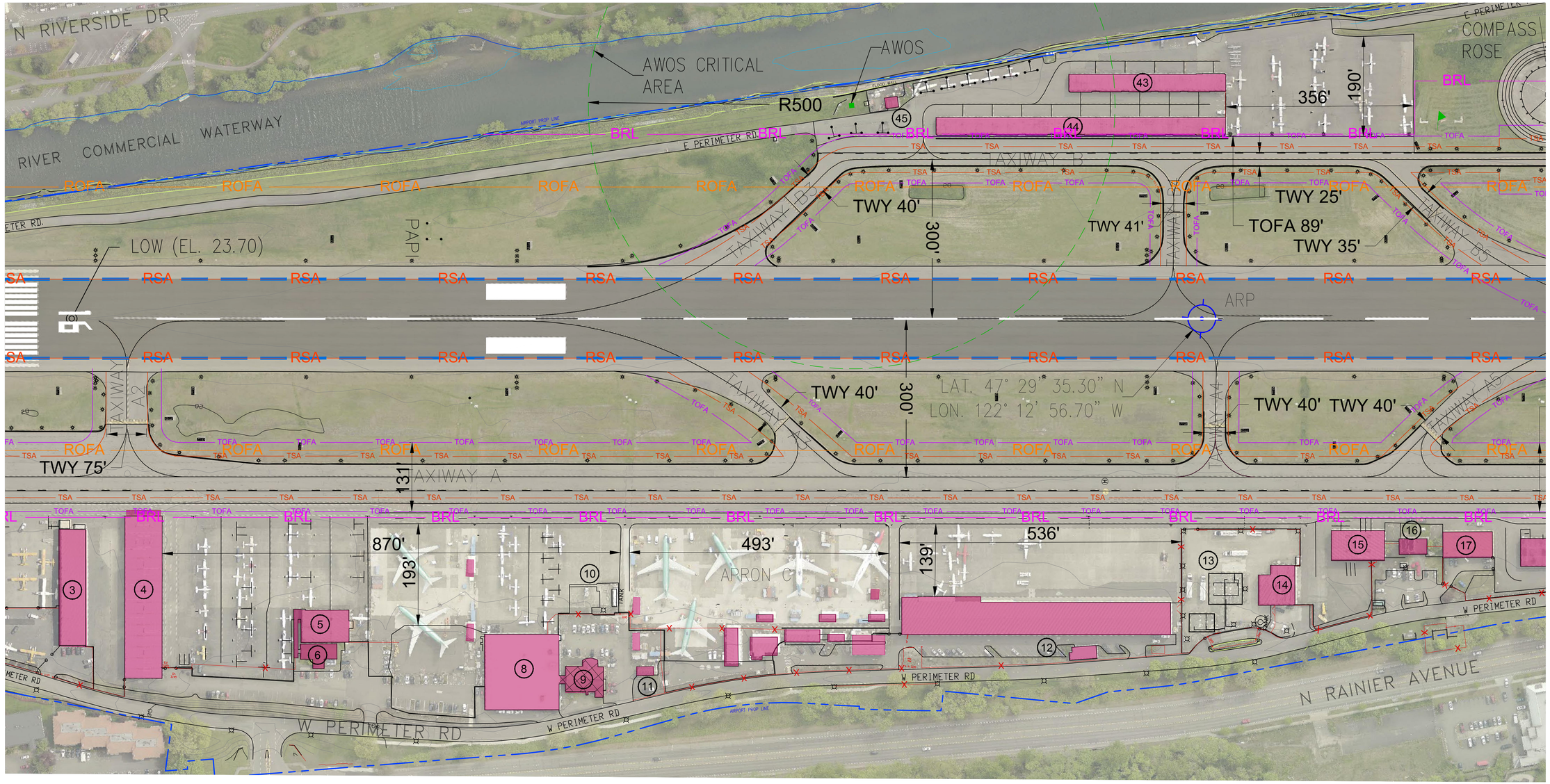
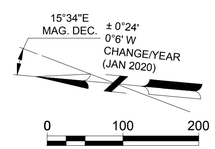
SHEET CONTENTS
DEPARTURE SURFACES - PLAN & PROFILE

SHEET NO.
7



AIRPORT FACILITIES

NO.	DESC.	HEIGHT AGL	OL LIGHT
3	BUILDING 860	26'	
4	BUILDING 850	27'	YES
5	HANGAR 840	23'	
6	BUILDING 840		
7	REMOVED		
8	BUILDING 800	21'	
9	BUILDING 790 (TO BE REMOVED)	26'	
10	AIR O FUEL TANKS		
11	BUILDING 770		
12	BUILDING 710	14'	
13	BOEING FUEL FARM		
14	BUILDING 650 (BOEING 5-45)	25'	
15	BUILDING 633	25'	
16	BUILDING 616 (AIR TRAFFIC CONTROL TOWER)	55'	
17	BUILDING 608	20'	
43	BUILDING 749B (RIVER HANGARS)	13'	
44	BUILDING 749A (RIVER HANGARS)	13'	
45	FAA EQUIPMENT/COMM TOWER		



REVISIONS & NOTES

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4. ALL LAT. LONG. COORDINATE INFORMATION (NAD83) & RUNWAY ELEVATION DATA (NAVD88) PER NGS
5. CRITICAL AIRCRAFT BEECH KING AIR (ADG II, TDG 2)

DRAWING LEGEND

DESCRIPTION	EXISTING	FUTURE
AIRFIELD PAVEMENT		
AERONAUTICAL DEVELOPMENT AREA		
ON-AIRPORT BUILDING		
ON-AIRPORT BUILDING TO BE REMOVED		
OFF-AIRPORT BUILDING		N/A
ROADWAY		
RUNWAY SAFETY AREA (RSA)	RSA	N/A
RUNWAY OBJECT FREE AREA (OFA)	OFA	N/A
RUNWAY OBSTACLE FREE ZONE (OFZ)	ROFZ	N/A
RUNWAY PROTECTION ZONE (RPZ)		N/A
AVIGATION EASEMENT		
THRESHOLD SITING SURFACE	TSS	N/A
PART 77 APPROACH SURFACE	P77	N/A
TAXIWAY SAFETY AREA (TSA)	TSA	TSA
TAXIWAY OBJECT FREE AREA (TOFA)	TOFA	TOFA
PERIMETER FENCING (8')		
AIRPORT PROPERTY LINE		
PRECISION APPROACH PATH INDICATOR (PAPI)	PAPI	N/A
AIRPORT REFERENCE POINT (ARP)		N/A
RUNWAY END IDENTIFIER LIGHTS (REIL)		
HOLDING POSITION MARKING		
WIND SOCK		
DNR LEASE		N/A

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SHEET CONTENTS
TERMINAL AREA PLAN

SHEET NO.
8

DRAWING LEGEND

DESCRIPTION	EXISTING	FUTURE
AIRFIELD PAVEMENT		
AERONAUTICAL DEVELOPMENT AREA		
ON-AIRPORT BUILDING		
ON-AIRPORT BUILDING TO BE REMOVED		
OFF-AIRPORT BUILDING		N/A
ROADWAY		
RUNWAY SAFETY AREA (RSA)	RSA	N/A
RUNWAY OBJECT FREE AREA (OFA)	OFA	N/A
RUNWAY OBSTACLE FREE ZONE (OFZ)	ROFZ	N/A
RUNWAY PROTECTION ZONE (RPZ)		N/A
AVIGATION EASEMENT		
THRESHOLD SITING SURFACE	TSS	N/A
PART 77 APPROACH SURFACE	P77	N/A
TAXIWAY SAFETY AREA (TSA)	TSA	TSA
TAXIWAY OBJECT FREE AREA (TOFA)	TOFA	TOFA
PERIMETER FENCING (8')		
AIRPORT PROPERTY LINE		
PRECISION APPROACH PATH INDICATOR (PAPI)	PAPI	N/A
AIRPORT REFERENCE POINT (ARP)		N/A
RUNWAY END IDENTIFIER LIGHTS (REIL)		
HOLDING POSITION MARKING		
WIND SOCK		
DNR LEASE		N/A

REVISIONS & NOTES

NO.	DESCRIPTION	DATE

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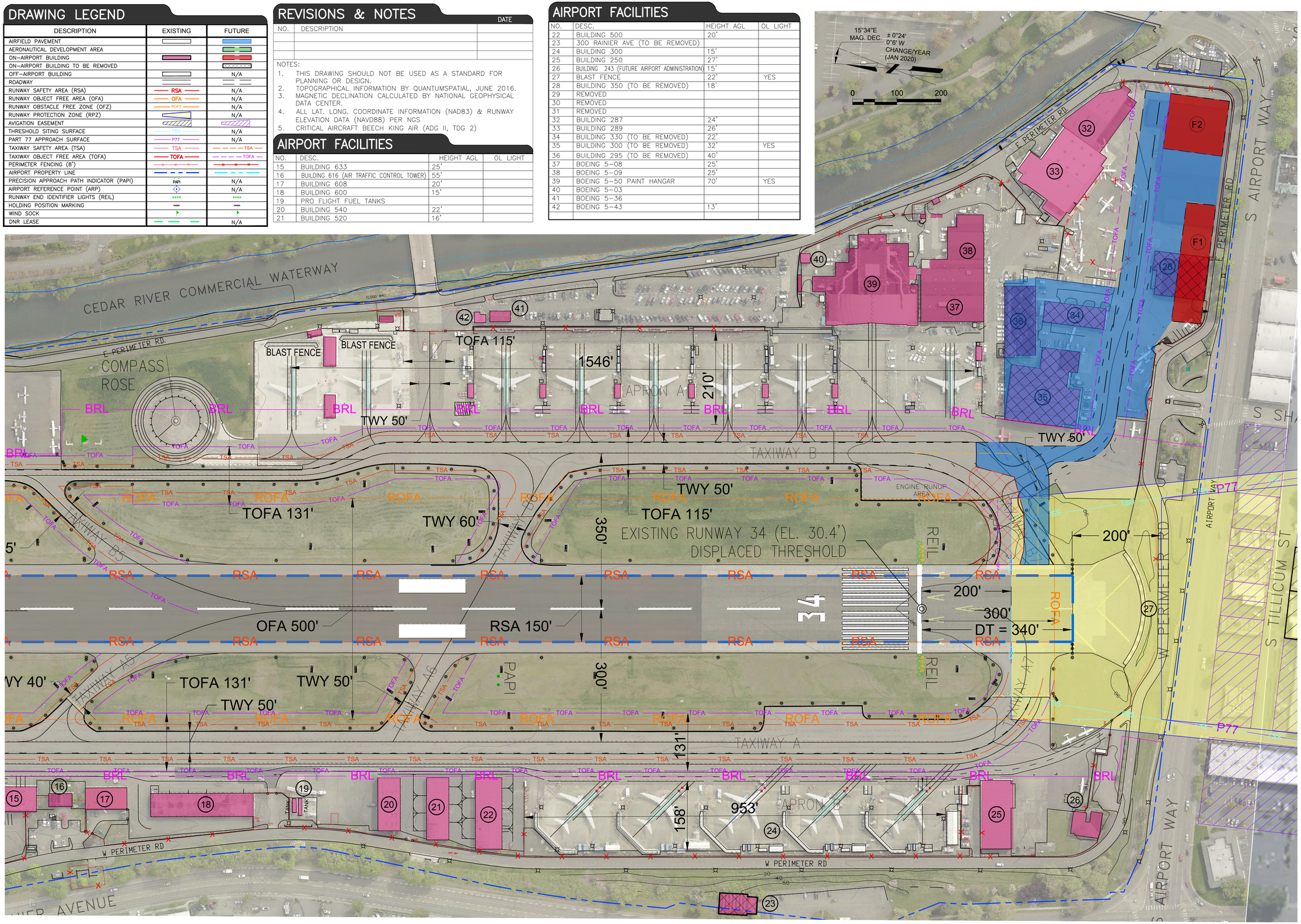
5. CRITICAL AIRCRAFT BEECH KING AIR (ADG II, TDG 2)

AIRPORT FACILITIES

NO.	DESC.	HEIGHT AGL	OL LIGHT
15	BUILDING 633	25'	
16	BUILDING 616 (AIR TRAFFIC CONTROL TOWER)	55'	
17	BUILDING 608	20'	
18	BUILDING 600	15'	
19	PRO FLIGHT FUEL TANKS		
20	BUILDING 540	22'	
21	BUILDING 520	16'	

AIRPORT FACILITIES

NO.	DESC.	HEIGHT AGL	OL LIGHT
22	BUILDING 500	20'	
23	300 RAINIER AVE (TO BE REMOVED)		
24	BUILDING 300	15'	
25	BUILDING 250	27'	
26	BUILDING 243 (FUTURE AIRPORT ADMINISTRATION)	15'	
27	BLAST FENCE	22'	YES
28	BUILDING 350 (TO BE REMOVED)	18'	
29	REMOVED		
30	REMOVED		
31	REMOVED		
32	BUILDING 287	24'	
33	BUILDING 289	26'	
34	BUILDING 330 (TO BE REMOVED)	22'	
35	BUILDING 300 (TO BE REMOVED)	32'	YES
36	BUILDING 295 (TO BE REMOVED)	40'	
37	BOEING 5-08	25'	
38	BOEING 5-09	25'	
39	BOEING 5-50 PAINT HANGAR	70'	YES
40	BOEING 5-03		
41	BOEING 5-36		
42	BOEING 5-43	13'	



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SHEET CONTENTS
SOUTH AREA PLAN

SHEET NO.
9

DRAWING LEGEND

DESCRIPTION	EXISTING	FUTURE
AIRFIELD PAVEMENT		
AERONAUTICAL DEVELOPMENT AREA		
ON-AIRPORT BUILDING		
ON-AIRPORT BUILDING TO BE REMOVED		
OFF-AIRPORT BUILDING		N/A
ROADWAY		
RUNWAY SAFETY AREA (RSA)	RSA	N/A
RUNWAY OBJECT FREE AREA (OFA)	OFA	N/A
RUNWAY OBSTACLE FREE ZONE (OFZ)	OFZ	N/A
RUNWAY PROTECTION ZONE (RPZ)		N/A
AVIGATION EASEMENT		
THRESHOLD SITING SURFACE		N/A
PART 77 APPROACH SURFACE	P77	N/A
TAXIWAY SAFETY AREA (TSA)	TSA	TSA
TAXIWAY OBJECT FREE AREA (TOFA)	TOFA	TOFA
PERIMETER FENCING (8')		
AIRPORT PROPERTY LINE		
PRECISION APPROACH PATH INDICATOR (PAPI)	PAPI	N/A
AIRPORT REFERENCE POINT (ARP)		N/A
RUNWAY END IDENTIFIER LIGHTS (REIL)		
HOLDING POSITION MARKING		
WIND SOCK		
DNR LEASE		N/A

REVISIONS & NOTES

NO.	DESCRIPTION	DATE

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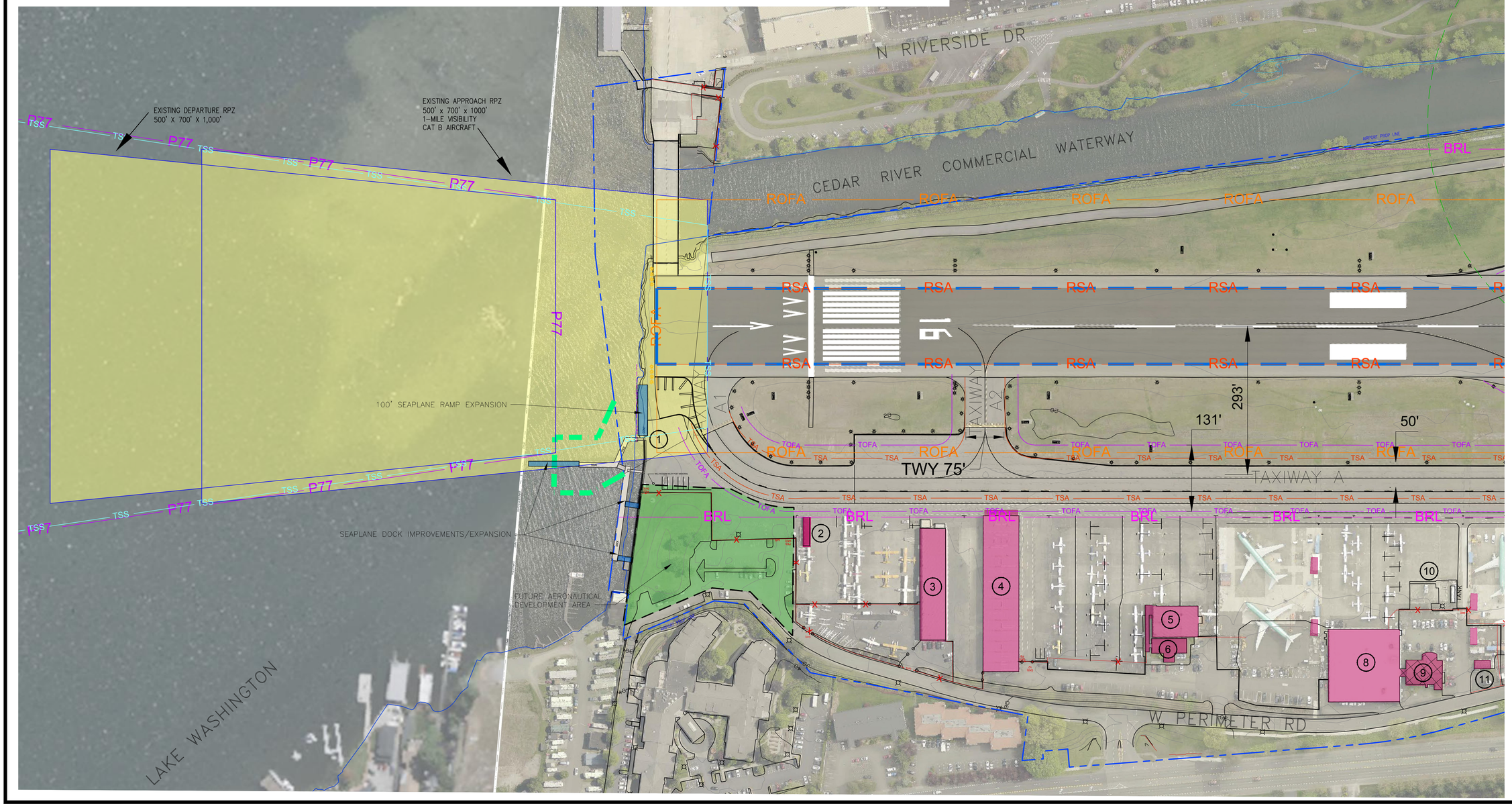
AIRPORT FACILITIES

NO.	DESC.	HEIGHT AGL	OL LIGHT
1	SEAPLANE DOCK		
2	BUILDING 1000 (US CUSTOMS)	12'	
3	BUILDING 860	26'	
4	BUILDING 850	27'	YES
5	HANGAR 840	23'	
6	BUILDING 840		

AIRPORT FACILITIES

NO.	DESC.	HEIGHT AGL	OL LIGHT
8	BUILDING 800	21'	
9	BUILDING 790 (TO BE REMOVED)	26'	
10	AIR O FUEL TANKS		
11	BUILDING 770		



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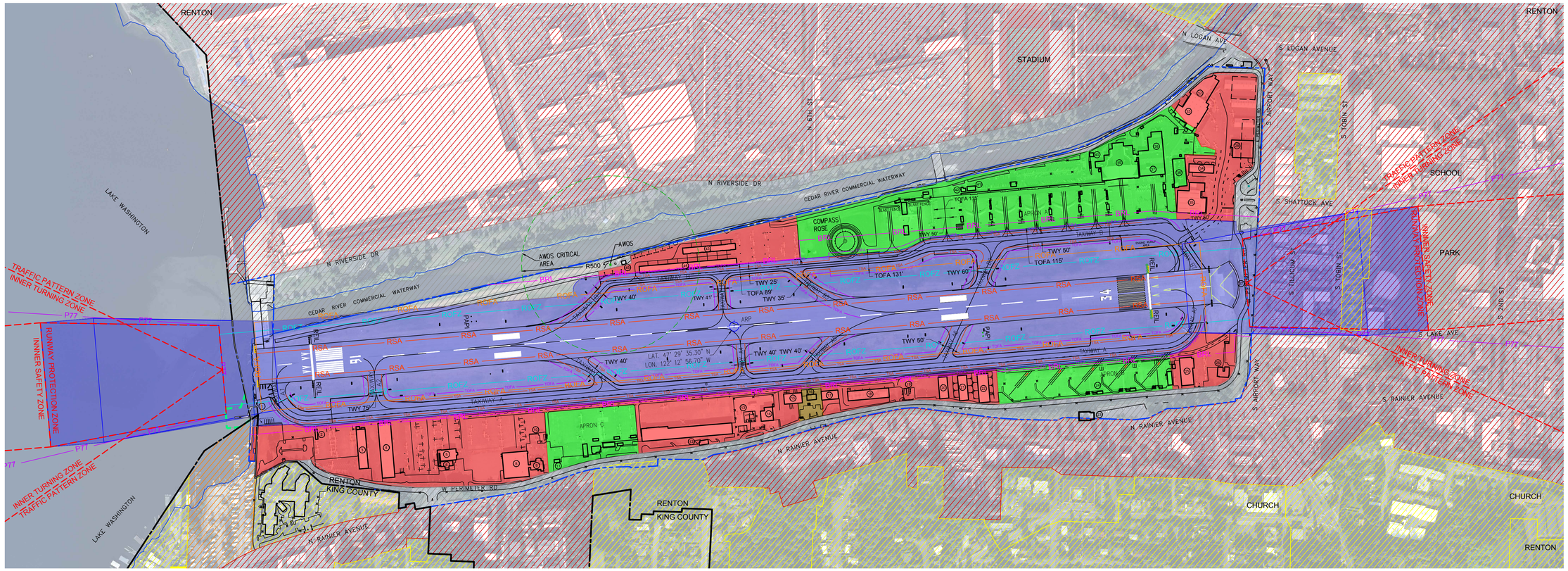
SHEET CONTENTS
NORTH AREA PLAN

SHEET NO.
10

\\CORP.MEADHUNT.COM\SHAREDFOLDERS\ENTP\3089600\130659.06\TECHCAD\DRAWINGS\ALP_UPDATE\TERMINAL AREA PLAN.DWG
8/2/2022 3:23:31 PM



AIRPORT LAND USE	
GENERAL AVIATION	
AIRCRAFT MANUFACTURING	
AIRPORT OPERATION AREA	
OTHER	

OFF AIRPORT LAND USE	
COMMERCIAL MIXED USE	
RESIDENTIAL	
COMMERCIAL OFFICE RESIDENTIAL	
EMPLOYMENT AREA	
AIRPORT OVERLAY ZONES	
SOURE : CITY OF RENTON, WA 2022	

15°34"E ± 0°24'
MAG. DEC. 0°6' W
CHANGE/YEAR
(JAN 2020)

0 300 600

REVISIONS & NOTES

NO.	DESCRIPTION	DATE

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DRAWING LEGEND

DESCRIPTION	EXISTING	FUTURE
AIRFIELD PAVEMENT		
ON-AIRPORT BUILDING		
ON-AIRPORT BUILDING TO BE REMOVED		
OFF-AIRPORT BUILDING		N/A
ROADWAY		
RUNWAY SAFETY AREA (RSA)	RSA	N/A
RUNWAY OBJECT FREE AREA (OFA)	OFA	N/A
RUNWAY OBSTACLE FREE ZONE (OFZ)	ROFZ	N/A
RUNWAY PROTECTION ZONE (RPZ)		N/A
AVIGATION EASEMENT		
TAXIWAY SAFETY AREA (TSA)	TSA	TSA
TAXIWAY OBJECT FREE AREA (TOFA)	TOFA	TOFA
PERIMETER FENCING		
AIRPORT PROPERTY LINE		
PRECISION APPROACH PATH INDICATOR (PAPI)	PAPI	N/A
AIRPORT REFERENCE POINT (ARP)		N/A
RUNWAY END IDENTIFIER LIGHTS (REIL)		
HOLDING POSITION MARKING		
WIND SOCK		
DNR LEASE		N/A

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RENTON MUNICIPAL AIRPORT
AIRPORT LAYOUT PLAN UPDATE

616 W PERIMETER ROAD
RENTON, WA 98057

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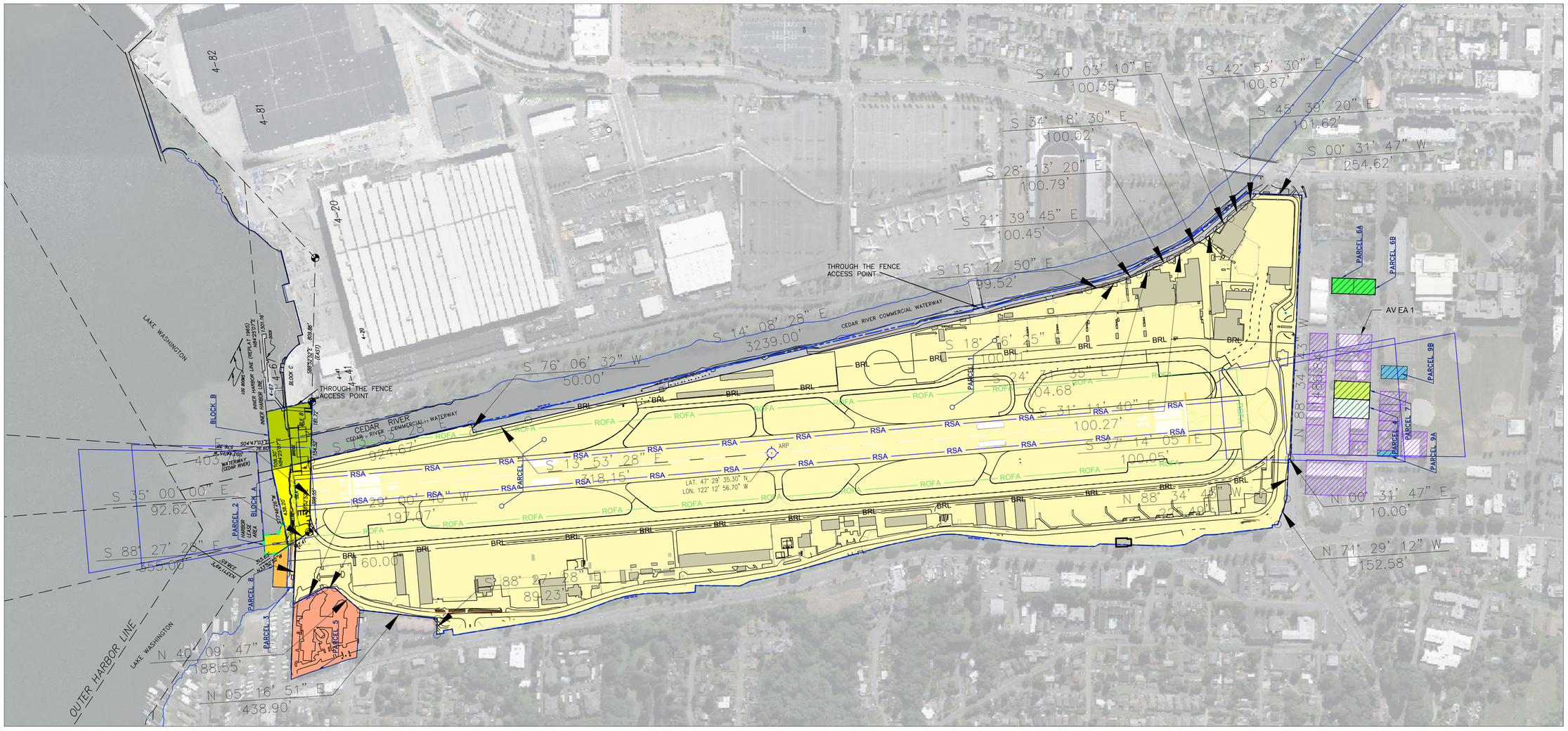
SHEET CONTENTS
AIRPORT LAND USE PLAN

SHEET NO.
11



AIRPORT PROPERTY ACQUISITION

ITEM	SYMBOL	CURRENT PROPERTY OWNER	PROPERTY INTEREST	ACREAGE	DATE ACQUIRED	FEDERAL PROJECT NO.	GRANTOR
PARCEL 1		CITY OF RENTON	FEE SIMPLE	174.00	SEPT. 15, 1947	--	UNITED STATES OF AMERICA
PARCEL 2		DNR	EASEMENT	0.34	SEPT. 20, 2006	--	UKNOWN
PARCEL 3		CITY OF RENTON	FEE SIMPLE	0.22	JAN. 1949	--	UKNOWN
PARCEL 4		TOBIN BUSINESS PARK LLC	EASEMENT	0.44	NOV. 1995	--	UKNOWN
PARCEL 5		LAKESHORE DEVELOPMENT LLC	EASEMENT	3.48	FEB. 1993	--	UKNOWN
PARCEL 6A		RENTON 314 LLC	EASEMENT	0.20	FEB. 1996	--	GEORGE AND GLORIA MEHRENS
PARCEL 6B		HOANG VINH	EASEMENT	0.23	FEB. 1996	--	GEORGE AND GLORIA MEHRENS
PARCEL 7		THE SALVATION ARMY	EASEMENT	0.37	DEC. 5, 2002	--	THE SALVATION ARMY
PARCEL 8		LAKE WASHINGTON BEACH LLC	EASEMENT	0.37	JAN. 1949	--	UKNOWN
PARCEL 9A		ALMANZA AMANDA LORENA	EASEMENT	0.09	MAY 19, 2006	--	RAINIER TITLE CO.
PARCEL 9B		SHIMELIS ADAL & NEGASH AL	EASEMENT	0.24	MAY 19, 2006	--	RAINIER TITLE CO.
BLOCK A		CITY OF RENTON	FEE SIMPLE	1.66	JUNE 1967	FAA 9-45-030-C804	UKNOWN
BLOCK B		CITY OF RENTON	FEE SIMPLE	1.034	JUNE 12, 1968	FA68WE-3912, PROJECT 9-45-030-C8-04	UKNOWN

EXISTING UTILTIY EASEMENTS

EASEMENT	DOCUMENT	ENTITY
KING COUNTY METRO SEWER LINE	01-12 KC METRO EASEMENT	KING COUNTY
CEDAR RIVER TRAIL/BOATHOUSE ACCESS	UNKOWN	CITY OF RENTON - PARKS
AT&T FIBER OPTIC	PAG 001-87	AT&T
PUGET SOUND ENERGY - GAS LINE	LETTER	PUGET SOUND ENERGY
BRYN MAR SEWER LINE	CAG 1400-69	SKYWAY WATER AND SEWER (BRYN MAWR/LAKERIDGE SEWER DIST)

FUTURE AVIGATION EASEMENTS

ITEM	SYMBOL	CURRENT PROPERTY OWNER	PROPERTY INTEREST	ACREAGE	DATE ACQUIRED	FEDERAL PROJECT NO.
AV EA 1		VARIES	FUTURE EASEMENT	7.00	FUTURE	--

SPONSOR APPROVAL

STEVE GLEASON RENTON AIRPORT DIRECTOR

NAME/TITLE

REVISIONS & NOTES

NO.	DESCRIPTION	DATE

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15°34"E ± 0°24'
MAG. DEC. 0°6' W
CHANGE/YEAR
(JAN 2020)

0 300 600

DRAWING LEGEND

DESCRIPTION	EXISTING	FUTURE
AIRFIELD PAVEMENT		
ON-AIRPORT BUILDING		
ON-AIRPORT BUILDING TO BE REMOVED		
OFF-AIRPORT BUILDING		N/A
ROADWAY		
RUNWAY SAFETY AREA (RSA)	RSA	N/A
RUNWAY OBJECT FREE AREA (OFA)	OFA	N/A
RUNWAY OBSTACLE FREE ZONE (OFZ)	OFZ	N/A
RUNWAY PROTECTION ZONE (RPZ)		N/A
AVIGATION EASEMENT		
TAXIWAY SAFETY AREA (TSA)	TSA	TSA
TAXIWAY OBJECT FREE AREA (TOFA)	TOFA	TOFA
PERIMETER FENCING		
AIRPORT PROPERTY LINE		
PRECISION APPROACH PATH INDICATOR (PAPI)	PAPI	N/A
AIRPORT REFERENCE POINT (ARP)		N/A
RUNWAY END IDENTIFIER LIGHTS (REIL)		
HOLDING POSITION MARKING		
WIND SOCK		
DNR LEASE		N/A

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SHEET CONTENTS
AIRPORT PROPERTY MAP

SHEET NO.
12