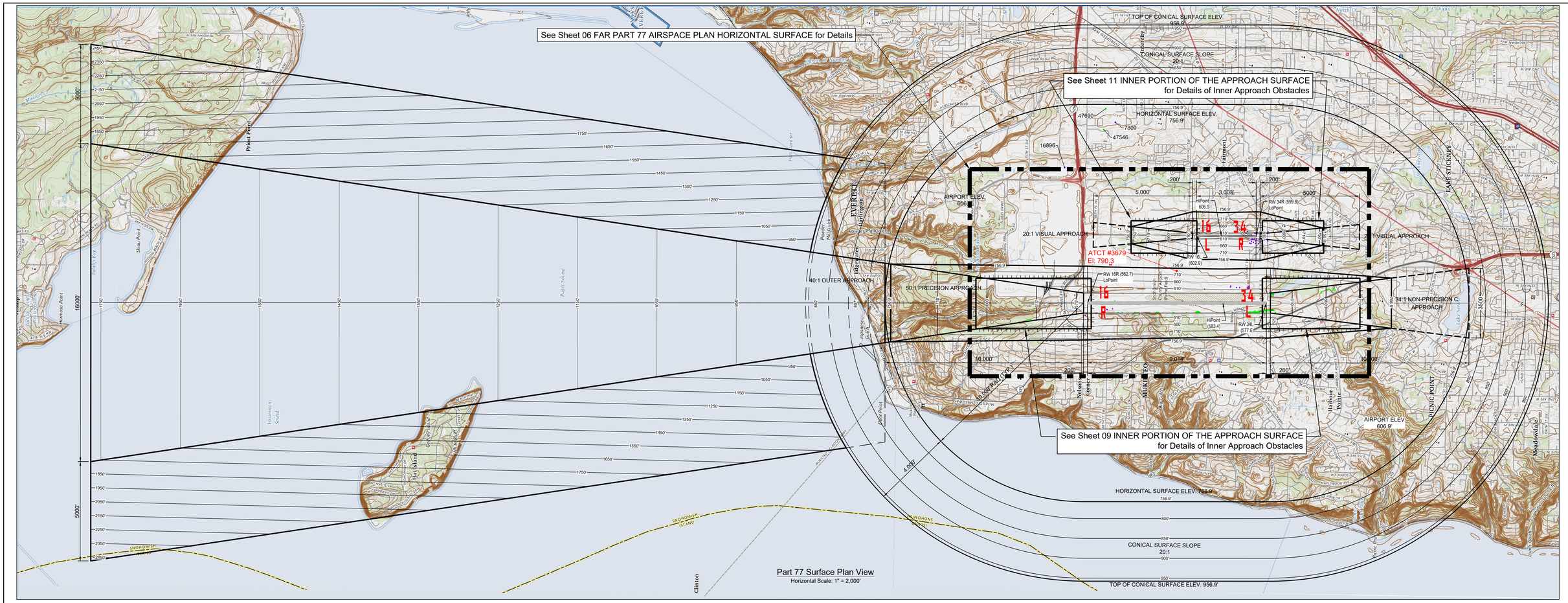

TABLE OF MAN-MADE OBSTACLES

OBJECT ID	OBJECT DESCRIPTION	TOP ELEV (MSL)	HEIGHT (AGL)	AIRSPACE SURFACE	SURF PEN	LAT (DMS)	LONG (DMS)	DISPOSITION
2516	HANGAR	618.1	15	PT77-RNWY-TRANS 16L-34R	1.1	47 54 6.17 N	122 16 14.84 W	See Note 2
8387	WINDSOCK	576.6	10	PT77-RNWY-PRIM 16R-34L	6.7	47 55 4.52 N	122 17 5.09 W	LIGHTED
8947	SIGN-RWTW	584.8	5	PT77-RNWY-PRIM 16R-34L	1.9	47 54 8.11 N	122 17 9.61 W	FBF
15613	NAVD-ANTENNA-GS	609.9	43	PT77-RNWY-PRIM 16R-34L	40.7	47 55 7.35 N	122 17 13.65 W	LIGHTED
23051	NAVD-RVR	592.9	19	PT77-RNWY-PRIM 16R-34L	10.4	47 54 6.27 N	122 17 14.56 W	OEAAA
27285	NAVD-WINDSOCK	608.2	10	PT77-RNWY-PRIM 16L-34R	7.1	47 53 55.06 N	122 16 16.65 W	IS LIGHTED
27317	NAVD-WINDSOCK	612	10	PT77-RNWY-PRIM 16L-34R	8.1	47 54 21.35 N	122 16 19.59 W	IS LIGHTED
27325	SIGN-RWTW	604.6	3	PT77-RNWY-PRIM 16L-34R	1.2	47 54 23.22 N	122 16 19.76 W	FBF
29052	SIGN-RWTW	565.9	5	PT77-RNWY-PRIM 16R-34L	1.2	47 55 15.43 N	122 17 7.05 W	FBF
29212	SIGN-RWTW	581.4	4	PT77-RNWY-PRIM 16R-34L	3.6	47 54 32.68 N	122 17 2.48 W	FBF
29220	SIGN-RWTW	580	4	PT77-RNWY-PRIM 16R-34L	1.7	47 54 30.76 N	122 17 4.59 W	FBF
29276	SIGN-RWTW	585	3	PT77-RNWY-PRIM 16R-34L	5.3	47 54 24.94 N	122 17 2.37 W	FBF
29292	SIGN-RWTW	587.1	4	PT77-RNWY-PRIM 16R-34L	6.4	47 54 20.78 N	122 17 1.75 W	FBF
29396	SIGN-RWTW	590.7	3	PT77-RNWY-PRIM 16R-34L	8.8	47 54 4.02 N	122 17 1.4 W	FBF
29436	POST	580.6	3	PT77-RNWY-PRIM 16R-34L	0.1	47 53 58.16 N	122 17 3.67 W	See Note 2
29500	POST	569.4	3	PT77-RNWY-PRIM 16R-34L	0.4	47 55 8.25 N	122 17 5.18 W	See Note 2
29556	SIGN-RWTW	579.8	3	PT77-RNWY-PRIM 16R-34L	0.3	47 53 54.13 N	122 17 5.25 W	FBF
29564	SIGN-RWTW	581.5	5	PT77-RNWY-PRIM 16R-34L	1	47 53 57.68 N	122 17 9.51 W	FBF
29572	WINDSOCK	583.7	11	PT77-RNWY-PRIM 16R-34L	3.3	47 53 57.64 N	122 17 11.03 W	LIGHTED
29700	NAVD-PAPI	581.6	4	PT77-RNWY-PRIM 16R-34L	0.3	47 54 1.33 N	122 17 9.28 W	FBF
29708	NAVD-PAPI	581.6	4	PT77-RNWY-PRIM 16R-34L	0.3	47 54 1.32 N	122 17 9.72 W	FBF
29716	NAVD-PAPI	581.5	5	PT77-RNWY-PRIM 16R-34L	0.2	47 54 1.32 N	122 17 10.16 W	FBF
29724	NAVD-PAPI	581.6	5	PT77-RNWY-PRIM 16R-34L	0.2	47 54 1.31 N	122 17 10.6 W	FBF
29732	SIGN-RWTW	584	4	PT77-RNWY-PRIM 16R-34L	1.6	47 54 5.84 N	122 17 9.48 W	FBF
29748	SIGN-RWTW	583.8	3	PT77-RNWY-PRIM 16R-34L	0.6	47 54 9.01 N	122 17 9.54 W	FBF
29756	SIGN-RWTW	582.9	4	PT77-RNWY-PRIM 16R-34L	1.1	47 54 16.42 N	122 17 9.71 W	FBF
29764	SIGN-RWTW	582.7	5	PT77-RNWY-PRIM 16R-34L	1.1	47 54 17.25 N	122 17 9.88 W	FBF
29932	SIGN-RWTW	572	5	PT77-RNWY-PRIM 16R-34L	0.2	47 54 56.76 N	122 17 10.82 W	FBF
29940	SIGN-RWTW	573.1	5	PT77-RNWY-PRIM 16R-34L	3.8	47 55 6.64 N	122 17 11.05 W	FBF
29956	POST	570.5	3	PT77-RNWY-PRIM 16R-34L	1.1	47 55 6.3 N	122 17 12.48 W	See Note 2
29964	NAVD-PAPI	570.5	3	PT77-RNWY-PRIM 16R-34L	0.6	47 55 4.19 N	122 17 11.34 W	FBF
29972	NAVD-PAPI	570.5	3	PT77-RNWY-PRIM 16R-34L	0.6	47 55 4.18 N	122 17 11.78 W	FBF
29980	NAVD-PAPI	570.5	4	PT77-RNWY-PRIM 16R-34L	0.6	47 55 4.18 N	122 17 12.22 W	FBF
29988	NAVD-PAPI	570.4	4	PT77-RNWY-PRIM 16R-34L	0.5	47 55 4.17 N	122 17 12.66 W	FBF
30020	NAVD-RVR	588.7	22	PT77-RNWY-PRIM 16L-34R	19.4	47 55 6.86 N	122 17 13.86 W	OEAAA
30044	NAVD-BUILDING-GS	575.9	10	PT77-RNWY-PRIM 16R-34L	6.8	47 55 7.23 N	122 17 13.56 W	See Note 2
30068	SIGN-RWTW	566.3	4	PT77-RNWY-PRIM 16R-34L	1.3	47 55 14.87 N	122 17 11.05 W	FBF
50917	SIGN-RWTW	604.8	3	PT77-RNWY-PRIM 16L-34R	1.1	47 54 22.14 N	122 16 19.7 W	FBF
50925	SIGN-RWTW	606.2	4	PT77-RNWY-PRIM 16L-34R	2.4	47 54 21.75 N	122 16 18.9 W	FBF
50933	SIGN-RWTW	605.1	4	PT77-RNWY-PRIM 16L-34R	1	47 54 20.79 N	122 16 19.75 W	FBF
50941	SIGN-RWTW	605.4	4	PT77-RNWY-PRIM 16L-34R	1.6	47 54 22 N	122 16 17.23 W	FBF
50965	SIGN-RWTW	605.3	3	PT77-RNWY-PRIM 16L-34R	0.8	47 54 19.38 N	122 16 17.21 W	FBF
50973	SIGN-RWTW	605.6	3	PT77-RNWY-PRIM 16L-34R	1	47 54 19.28 N	122 16 18.9 W	FBF
51222	SIGN-RWTW	601.1	2	PT77-RNWY-PRIM 16L-34R	0.3	47 53 54.33 N	122 16 16.96 W	FBF
51798	SIGN-RWTW	603.8	3	PT77-RNWY-PRIM 16L-34R	0.8	47 54 0.13 N	122 16 18.68 W	FBF
51814	SIGN-RWTW	604.5	4	PT77-RNWY-PRIM 16L-34R	2	47 53 58.76 N	122 16 18.67 W	FBF
51822	SIGN-RWTW	602	3	PT77-RNWY-PRIM 16L-34R	0.4	47 53 56.51 N	122 16 19.3 W	FBF
51830	SIGN-RWTW	601.7	2	PT77-RNWY-PRIM 16L-34R	0.3	47 53 55.84 N	122 16 18.64 W	FBF
51846	NAVD-PAPI	602.2	4	PT77-RNWY-PRIM 16L-34R	0.3	47 53 57.32 N	122 16 19.09 W	FBF
51854	NAVD-PAPI	602.2	3	PT77-RNWY-PRIM 16L-34R	0.3	47 53 57.32 N	122 16 18.79 W	FBF
51862	SIGN-RWTW	608.7	3	PT77-RNWY-PRIM 16L-34R	2.4	47 54 9.31 N	122 16 17.09 W	FBF
51870	SIGN-RWTW	608.8	3	PT77-RNWY-PRIM 16L-34R	3.1	47 54 7.53 N	122 16 17.08 W	FBF
51878	SIGN-RWTW	606.9	3	PT77-RNWY-PRIM 16L-34R	1.1	47 54 7.77 N	122 16 18.31 W	FBF
51886	SIGN-RWTW	608.6	3	PT77-RNWY-PRIM 16L-34R	2.3	47 54 9.3 N	122 16 18.79 W	FBF
51894	SIGN-RWTW	609.1	3	PT77-RNWY-PRIM 16L-34R	2.9	47 54 8.92 N	122 16 19.55 W	FBF
51902	SIGN-RWTW	609.8	3	PT77-RNWY-PRIM 16L-34R	3.1	47 54 7.52 N	122 16 18.77 W	FBF
51942	SIGN-RWTW	605.7	3	PT77-RNWY-PRIM 16L-34R	1.1	47 54 4.57 N	122 16 19.6 W	FBF
51966	SIGN-RWTW	606.9	3	PT77-RNWY-PRIM 16L-34R	1.5	47 54 15.99 N	122 16 19.73 W	FBF
55453	SIGN-RWTW	584.9	4	PT77-RNWY-PRIM 16R-34L	3.6	47 54 18.59 N	122 17 5.79 W	FBF
55461	SIGN-RWTW	587.7	4	PT77-RNWY-PRIM 16R-34L	4.5	47 54 9.05 N	122 17 5.57 W	FBF
55469	SIGN-RWTW	588.9	4	PT77-RNWY-PRIM 16R-34L	6.4	47 54 6.29 N	122 17 3.07 W	FBF
55477	SIGN-RWTW	587.1	4	PT77-RNWY-PRIM 16R-34L	5.1	47 54 4.26 N	122 17 5.47 W	FBF
55485	SIGN-RWTW	588.6	3	PT77-RNWY-PRIM 16R-34L	6.8	47 54 3.04 N	122 17 3.77 W	FBF
55501	SIGN-RWTW	591.6	4	PT77-RNWY-PRIM 16R-34L	9.7	47 54 3.79 N	122 17 1.07 W	FBF
55509	SIGN-RWTW	592.7	4	PT77-RNWY-PRIM 16R-34L	11.7	47 53 59.74 N	122 17 1.16 W	FBF
55517	SIGN-RWTW	581.4	4	PT77-RNWY-PRIM 16R-34L	1.9	47 53 53.76 N	122 17 1.67 W	FBF
55677	POST	588.4	4	PT77-RNWY-PRIM 16R-34L	6.9	47 54 2.03 N	122 17 3.85 W	See Note 2
56173	POST	588.6	3	PT77-RNWY-PRIM 16R-34L	5.4	47 54 9.35 N	122 17 3.79 W	See Note 2
56181	POST	587.7	4	PT77-RNWY-PRIM 16R-34L	5.5	47 54 14.54 N	122 17 3.96 W	See Note 2
56189	POST	585	3	PT77-RNWY-PRIM 16R-34L	3.9	47 54 19.19 N	122 17 4.09 W	See Note 2
56197	POST	581.8	4	PT77-RNWY-PRIM 16R-34L	2.2	47 54 25.26 N	122 17 4.22 W	See Note 2
56205	POST	579.8	3	PT77-RNWY-PRIM 16R-34L	1.4	47 54 29.98 N	122 17 4.35 W	See Note 2
56229	SIGN-RWTW	589.7	3	PT77-RNWY-PRIM 16R-34L	6.6	47 54 8.78 N	122 17 2.12 W	FBF
56237	SIGN-RWTW	591	4	PT77-RNWY-PRIM 16R-34L	8.5	47 54 6.04 N	122 17 1.53 W	FBF
56245	SIGN-RWTW	587	5	PT77-RNWY-PRIM 16R-34L	6.4	47 54 21.5 N	122 17 1.91 W	FBF
56253	SIGN-RWTW	585.1	4	PT77-RNWY-PRIM 16R-34L	5.6	47 54 25.69 N	122 17 1.95 W	FBF
56261	SIGN-RWTW	583.8	4	PT77-RNWY-PRIM 16R-34L	5	47 54 28.46 N	122 17 2.04 W	FBF
56269	WINDSOCK	600.3	24	PT77-RNWY-PRIM 16R-34L	21.5	47 54 28.73 N	122 17 4.09 W	LIGHTED
56285	SIGN-RWTW	582.7	4	PT77-RNWY-PRIM 16R-34L	4.9	47 54 32.44 N	122 17 2.2 W	FBF
56293	SIGN-RWTW	579.9	5	PT77-RNWY-PRIM 16R-34L	3.4	47 54 37.94 N	122 17 1.8 W	FBF
56325	SIGN-RWTW	576	4	PT77-RNWY-PRIM 16R-34L	0.2	47 54 40.7 N	122 17 2.72 W	FBF
56365	SIGN-RWTW	581.7	4	PT77-RNWY-PRIM 16R-34L	1.9	47 54 24.31 N	122 17 5.92 W	FBF
59861	HANGAR	617.8	15	PT77-RNWY-TRANS 16L-34R	0.4	47 54 7.3 N	122 16 14.85 W	See Note 2
59885	HANGAR	617.8	16	PT77-RNWY-TRANS 16L-34R	1.2	47 54 5.53 N	122 16 14.81 W	See Note 2
59893	HANGAR	617.2	15	PT77-RNWY-TRANS 16L-34R	1	47 54 3.9 N	122 16 14.8 W	See Note 2
63310	MALSF	579.4	2	PT77 APCH (34-1) 34L	1.6	47 53 45.88 N	122 17 7.04 W	FBF
66164	UTIL_BOX	573	7	PT77-RNWY-PRIM 16R-34L	3.1	47 55 4.33 N	122 17 13.06 W	See Note 2
66172	UTIL_BOX	574.2	8	PT77-RNWY-PRIM 16R-34L	.5	47 55 6.89 N	122 17 13.85 W	See Note 2
99999	NAVD-RVR	588.7	8	PT77-RNWY-PRIM 16R-34L	10.4	47 55 06.85 N	122 17 13.86 W	OEAAA

NOTES:
1. Due to high volume of vegetative obstructions such as trees and bushes, Tree Groups (TG-1 thru TG-4) were created. For a full list of obstructions identified in the clusters see drawings 06 thru 11.
2. Manmade Items will be mitigated as funding becomes available. (See note 3)
3. Objects may have been submitted previously for a 7460 evaluation and may have an OEAAA case assigned. These items are generally lighted.
4. FBF: Fixed By Function
5. On-airport objects are based on the October 2020 AGIS #259080 Safety Critical Survey
6. Off-airport object are based on the Shuttle RADAR Topography Mission (SRTM) and should be field verified

RUNWAY DATA TABLE

FEATURE	RUNWAY 16R/34L		RUNWAY 16L/34R	
	RUNWAY 16R (EXISTING & FUTURE)	RUNWAY 34L (EXISTING & FUTURE)	RUNWAY16L (EXISTING & FUTURE)	RUNWAY 34R (EXISTING & FUTURE)
Runway Design Code (RDC)	D-V-1,200	D-V-4,000	B-I-VIS	B-I-VIS
Runway - Length x Width	9,010 x 150		3,004 x 75	
Runway End Elevation & (TDZE)	562.7' (569.8' @1,300')	577.6' (583.4' @2,189')	602.9' (606.9' @1,240')	599.8' (606.9 @ 1,754')
Latitude	47° 55' 16.80" N	47° 53' 47.90" N	47° 54' 23.12" N	47° 53' 53.48" N
Longitude	122° 17' 9.06" W	122° 17' 7.09" W	122° 16' 18.09" W	122° 16' 17.76" W
Magnetic Declination and Annual Change	15° 28' E, 0°6' W Annual Change (March 2022)			
True Bearing	179.14		179.57	
14 CFR Part 77 Approach Category/Slope	PIR	Non-Precision C	A(V)	A(V)
Visibility Minimums	1200 RVR (SA CAT II)	4000 RVR (>¾ MILE)	VISUAL	VISUAL

Magnetic Declination 15°28' E (Mar. 2022) 0°6' W Annual Change

NORTH

Graphic Scale in Feet

0 2000 ft. 4000 ft.

Revision History	Date	By:

FAR PART 77 AIRSPACE PLAN

AIRPORT LAYOUT PLANS PACKAGE

PAINE FIELD
SNOHOMISH COUNTY

- Horizontal Datum: NAD 83, Washington State Plane, North Zone (US Foot).
- Vertical Datum: NAVD88.
- Magnetic Declination: 15° 28' E (0°6' W. Annual Change) Mar 2022 Source: NOAA National Geophysical Data Center
- Planimetric mapping and Aerial from October 2020, AGIS # 259080

Drawn by:	RPE
Checked By:	CEM
Issue Date:	May 2024
Sheet:	05 of 16

Y:\PAE\Master Plan\ELB Work\6-ALP\001-LAYOUTS\05 FAR PART 77 AIRSPACE PLAN.dwg | Inside: 1:25 Saved On: June 14, 2024 Plotted: 6/14/2024 8:50 AM