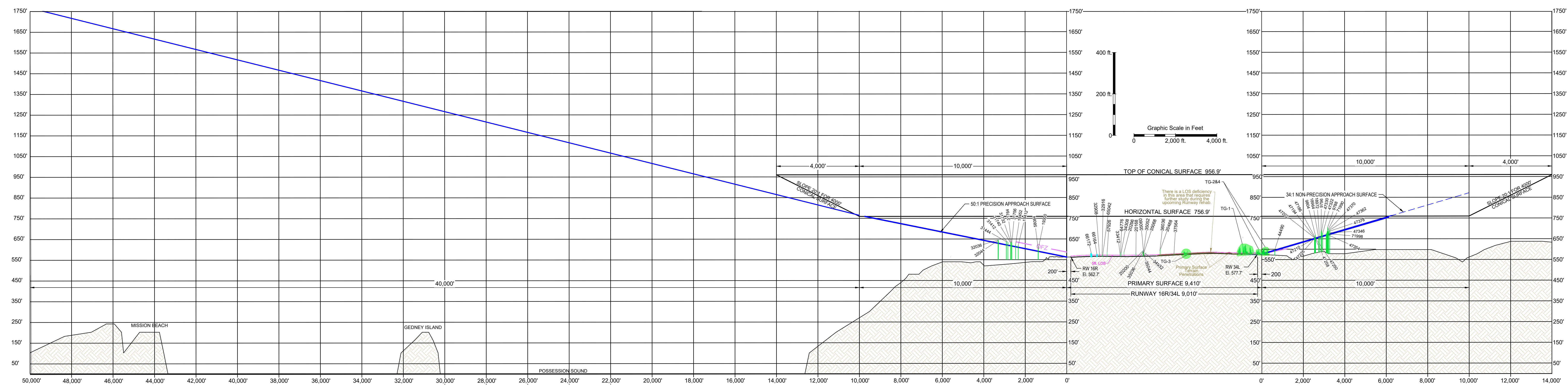


Runway 16L-34R Profile View
Horizontal Scale: 1" = 500'
Vertical Scale: 1" = 50'

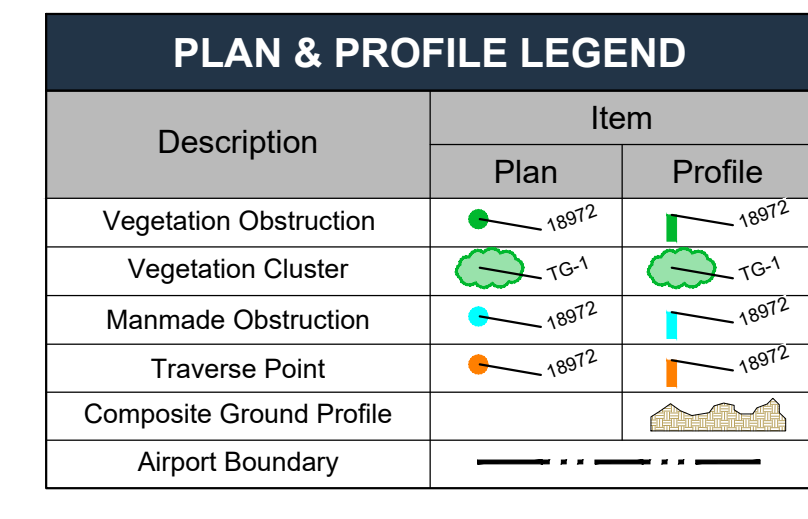


Runway 16R-34L Profile View
Horizontal Scale: 1" = 2,000'
Vertical Scale: 1" = 200'

PART 77 APPROACH OBSTACLES (Non-Tree Groups)								
Runway 16R and 16L Approaches								
OBJECT ID	OBJECT DESCRIPTION	TOP ELEV (MSL)	HEIGHT (AGL)	AIRSPACE SURFACE	SURFACE PENETRATION	LAT (DMS)	LONG (DMS)	DISPOSITION
RUNWAY 16R								
19300	(VEG) TREE	800.6	59	P177-INNR APCH (50-1) 16R	5.6	47 55 32.32 N	122 17 13.69 W	See Note 5
19412	(VEG) TREE	818.2	128	P177-INNR APCH (50-1) 16R	0.4	47 55 41.85 N	122 17 10.84 W	See Note 5
19462	(VEG) TREE	822.4	136	P177-INNR APCH (50-1) 16R	1.8	47 55 43.07 N	122 17 14.96 W	See Note 5
31412	(VEG) TREE	832.2	136	P177-INNR APCH (50-1) 16R	2.5	47 55 45.72 N	122 17 22.39 W	See Note 5
31444	(VEG) TREE	836.5	140	P177-INNR APCH (50-1) 16R	5.0	47 55 47.47 N	122 17 23.11 W	See Note 5
31724	(VEG) TREE	832.4	131	P177-INNR APCH (50-1) 16R	5.9	47 55 45.35 N	122 17 22.79 W	See Note 5
31732	(VEG) TREE	832.3	132	P177-INNR APCH (50-1) 16R	6.0	47 55 45.29 N	122 17 22.79 W	See Note 5
31740	(VEG) TREE	830.1	130	P177-INNR APCH (50-1) 16R	3.4	47 55 45.43 N	122 17 22.48 W	See Note 5
31758	(VEG) TREE	831.8	133	P177-INNR APCH (50-1) 16R	6.8	47 55 44.84 N	122 17 22.06 W	See Note 5
31764	(VEG) TREE	826.4	127	P177-INNR APCH (50-1) 16R	1.0	47 55 44.92 N	122 17 23.19 W	See Note 5
32036	(VEG) TREE	844.2	151	P177-INNR APCH (50-1) 16R	3.3	47 55 51.38 N	122 17 24.3 W	See Note 5
32044	(VEG) TREE	842.5	149	P177-INNR APCH (50-1) 16R	1.9	47 55 51.24 N	122 17 24.3 W	See Note 5
32054	(VEG) TREE	820.7	58	P177-INNR APCH (50-1) 16R	5.5	47 55 32.34 N	122 17 13.99 W	See Note 5
RUNWAY 16L								
2772	(VEG) TREE	827.6	50	P177-APCH (20-1) 16L	1.4	47 54 29.72 N	122 16 15.7 W	See Note 5
27079	(VEG) TREE	880.8	87	P177-APCH (20-1) 16L	1.4	47 54 36.23 N	122 16 21.84 W	See Note 5

PART 77 APPROACH OBSTACLES (Non-Tree Groups)								
Runway 34R and 34L Approaches								
OBJECT ID	OBJECT DESCRIPTION	TOP ELEV (MSL)	HEIGHT (AGL)	AIRSPACE SURFACE	SURFACE PENETRATION	LAT (DMS)	LONG (DMS)	DISPOSITION
RUNWAY 34R								
25363	(VEG) TREE	682.5	114	P177-APCH (20-1) 34R	7.9	47 53 36.79 N	122 16 14.39 W	See Note 5
25603	(VEG) TREE	607.6	17	P177-APCH (20-1) 34R	0.1	47 53 50.01 N	122 16 15.81 W	See Note 5
25611	(VEG) TREE	608.7	17	P177-APCH (20-1) 34R	0.7	47 53 53.3 N	122 16 15.83 W	See Note 5
28095	(VEG) TREE	687.3	120	P177-APCH (20-1) 34R	10.6	47 53 38.36 N	122 16 13.63 W	See Note 5
RUNWAY 34L								
9788	(VEG) TREE	706.6	122	P177-APCH (34-1) 34L	35.5	47 53 14.66 N	122 16 56.17 W	See Note 5
9796	(VEG) TREE	686.2	288	P177-APCH (34-1) 34L	24.4	47 53 17.79 N	122 16 56.5 W	See Note 5
9804	(VEG) TREE	690.7	90	P177-APCH (34-1) 34L	19.9	47 53 20.47 N	122 16 58.43 W	See Note 5
18664	(VEG) TREE	688.2	70	P177-APCH (34-1) 34L	0.0	47 53 18.9 N	122 17 7.17 W	See Note 5
18972	(VEG) TREE	689.7	72	P177-APCH (34-1) 34L	0.2	47 53 18.47 N	122 17 7.95 W	See Note 5
44460	(VEG) TREE	609.2	69	P177-APCH (34-1) 34L	4.0	47 53 39.76 N	122 17 0.25 W	See Note 5
47186	(VEG) TREE	688.8	79	P177-APCH (34-1) 34L	5.4	47 53 20.55 N	122 16 58.17 W	See Note 5
47194	(VEG) TREE	691.1	76	P177-APCH (34-1) 34L	2.7	47 53 20.9 N	122 16 58.73 W	See Note 5
47202	(VEG) TREE	692.0	77	P177-APCH (34-1) 34L	4.3	47 53 20.8 N	122 16 58.33 W	See Note 5
47210	(VEG) TREE	685.0	75	P177-APCH (34-1) 34L	2.5	47 53 20.87 N	122 16 58.87 W	See Note 5
47226	(VEG) TREE	685.7	76	P177-APCH (34-1) 34L	2.8	47 53 20.75 N	122 16 57.91 W	See Note 5
47250	(VEG) TREE	695.0	75	P177-APCH (34-1) 34L	1.1	47 53 20.42 N	122 16 58.24 W	See Note 5
47258	(VEG) TREE	684.1	74	P177-APCH (34-1) 34L	0.9	47 53 20.65 N	122 16 58.21 W	See Note 5
47322	(VEG) TREE	679.1	183	P177-APCH (34-1) 34L	15.0	47 53 17 N	122 16 55.15 W	See Note 5
47330	(VEG) TREE	691.2	348	P177-APCH (34-1) 34L	28.7	47 53 17.45 N	122 16 56.89 W	See Note 5
47346	(VEG) TREE	681.3	99	P177-APCH (34-1) 34L	11.4	47 53 15.09 N	122 16 56.92 W	See Note 5
47354	(VEG) TREE	675.5	94	P177-APCH (34-1) 34L	6.5	47 53 15.35 N	122 16 57.07 W	See Note 5
47362	(VEG) TREE	695.1	110	P177-APCH (34-1) 34L	21.0	47 53 13.65 N	122 16 56.72 W	See Note 5
47370	(VEG) TREE	695.3	110	P177-APCH (34-1) 34L	22.7	47 53 14.18 N	122 16 56.63 W	See Note 5
47378	(VEG) TREE	687.3	102	P177-APCH (34-1) 34L	15.4	47 53 14.38 N	122 16 56.49 W	See Note 5
71990	(VEG) TREE	698.1	119	P177-APCH (34-1) 34L	18.6	47 53 14.87 N	122 16 56.58 W	See Note 5
71998	(VEG) TREE	676.4	96	P177-APCH (34-1) 34L	4.5	47 53 14.39 N	122 16 56.71 W	See Note 5

PART 77 PRIMARY SURFACE OBSTACLES (Non-Tree Groups)								
Runway 16R/34L and 16L/34R Primary Surfaces								
OBJECT ID	OBJECT DESCRIPTION	TOP ELEV (MSL)	HEIGHT (AGL)	AIRSPACE SURFACE	SURFACE PENETRATION	LAT (DMS)	LONG (DMS)	DISPOSITION
20168	(VEG) TREE	575.9	23	P177-RNRY-PRM 16R-34L	1.5	47 54 45.75 N	122 17 15.6 W	See Note 5
20200	(VEG) TREE	585.6	34	P177-RNRY-PRM 16R-34L	10.3	47 54 42.44 N	122 17 15.16 W	See Note 5
20296	(VEG) TREE	581.0	32	P177-RNRY-PRM 16R-34L	7.9	47 54 33.38 N	122 17 15.81 W	See Note 5
20488	(VEG) TREE	594.6	35	P177-RNRY-PRM 16R-34L	17.2	47 54 53.93 N	122 17 15.44 W	See Note 5
24915	FENCE	604.9	8	P177-RNRY-PRM 16L-34R	4.4	47 53 53.48 N	122 16 16.04 W	See Note 5
30044	NAV-D/BUILDINGS	575.9	10	P177-RNRY-PRM 16R-34L	6.8	47 55 7.23 N	122 17 13.96 W	See Note 5
32988	(VEG) TREE	577.3	13	P177-RNRY-PRM 16R-34L	6.8	47 55 1.82 N	122 17 15.05 W	See Note 5
33412	(VEG) TREE	577.6	15	P177-RNRY-PRM 16R-34L	5.0	47 54 53.38 N	122 17 15.66 W	See Note 5
34308	(VEG) TREE	579.5	18	P177-RNRY-PRM 16R-34L	6.7	47 54 32.78 N	122 17 15.98 W	See Note 5
34932	(VEG) TREE	575.7	20	P177-RNRY-PRM 16R-34L	0.1	47 54 41.44 N	122 17 15.18 W	See Note 5
35036	(VEG) TREE	580.4	31	P177-RNRY-PRM 16R-34L	5.1	47 54 42.47 N	122 17 15.46 W	See Note 5
35044	(VEG) TREE	579.1	39	P177-RNRY-PRM 16R-34L	3.7	47 54 42.07 N	122 17 15.97 W	See Note 5
35052	(VEG) TREE	579.3	38	P177-RNRY-PRM 16R-34L	2.9	47 54 42.07 N	122 17 15.94 W	See Note 5
35060	(VEG) TREE	581.8	46	P177-RNRY-PRM 16R-34L	6.4	47 54 42.12 N	122 17 15.99 W	See Note 5
35068	(VEG) TREE	577.8	39	P177-RNRY-PRM 16R-34L	2.3	47 54 41.93 N	122 17 15.97 W	See Note 5
35076	(VEG) TREE	580.5	28	P177-RNRY-PRM 16R-34L	9.2	47 54 36.36 N	122 17 15.44 W	See Note 5
37564	(VEG) TREE	588.2	21	P177-RNRY-PRM 16R-34L	7.2	47 54 27.82 N	122 17 15.15 W	See Note 5
57526	(VEG) TREE	582.6	21	P177-RNRY-PRM 16R-34L	11.5	47 54 59.43 N	122 17 15.99 W	See Note 5
60442	(VEG) BUSH	572.7	9	P177-RNRY-PRM 16R-34L	2.1	47 55 1.52 N	122 17 15.78 W	See Note 5
68164	UTIL_BOX	573.0	8	P177-RNRY-PRM 16R-34L	3.1	47 55 4.33 N	122 17 13.06 W	See Note 5
68172	UTIL_BOX	574.2	8	P177-RNRY-PRM 16R-34L	5.0	47 55 6.89 N	122 17 13.85 W	See Note 5



NOTES:
1. This list does not include penetrations that are: NAVAIDs, Visual Aids and/or Fixed by Function Objects. For example: Approach Lights, Runway/Taxiway Directional Signs, PAPI, Wind Socks, etc.
2. Due to high volume of similar-type obstructions in certain areas, Tree Obstruction Group clusters were created. For full list of obstructions depicted in Tree Groups clusters, see data tables on Sheet 07.
3. Terrain profile represents the highest point across the width and along the length of the approach surface.
4. Manmade items will be mitigated as funding becomes available.
5. Vegetative items will be trimmed or removed as funding becomes available.
6. The AGL height of vegetative items is based upon the following:
6.1. On Airport objects are using the AGIS topo
6.2. Off Airport objects are using NSRS topo

Revision History	Date	By:

FAR PART 77
RUNWAY AND APPROACH PROFILES
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: 08 of 16

X:\P\259080_PaineField\B\Aerial\259080_PaineField_16R-34L\259080_PaineField_16R-34L.dwg 1:25 Speed On: June 14, 2024, Printed: 6/14/2024 9:52 AM