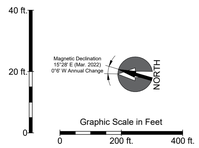
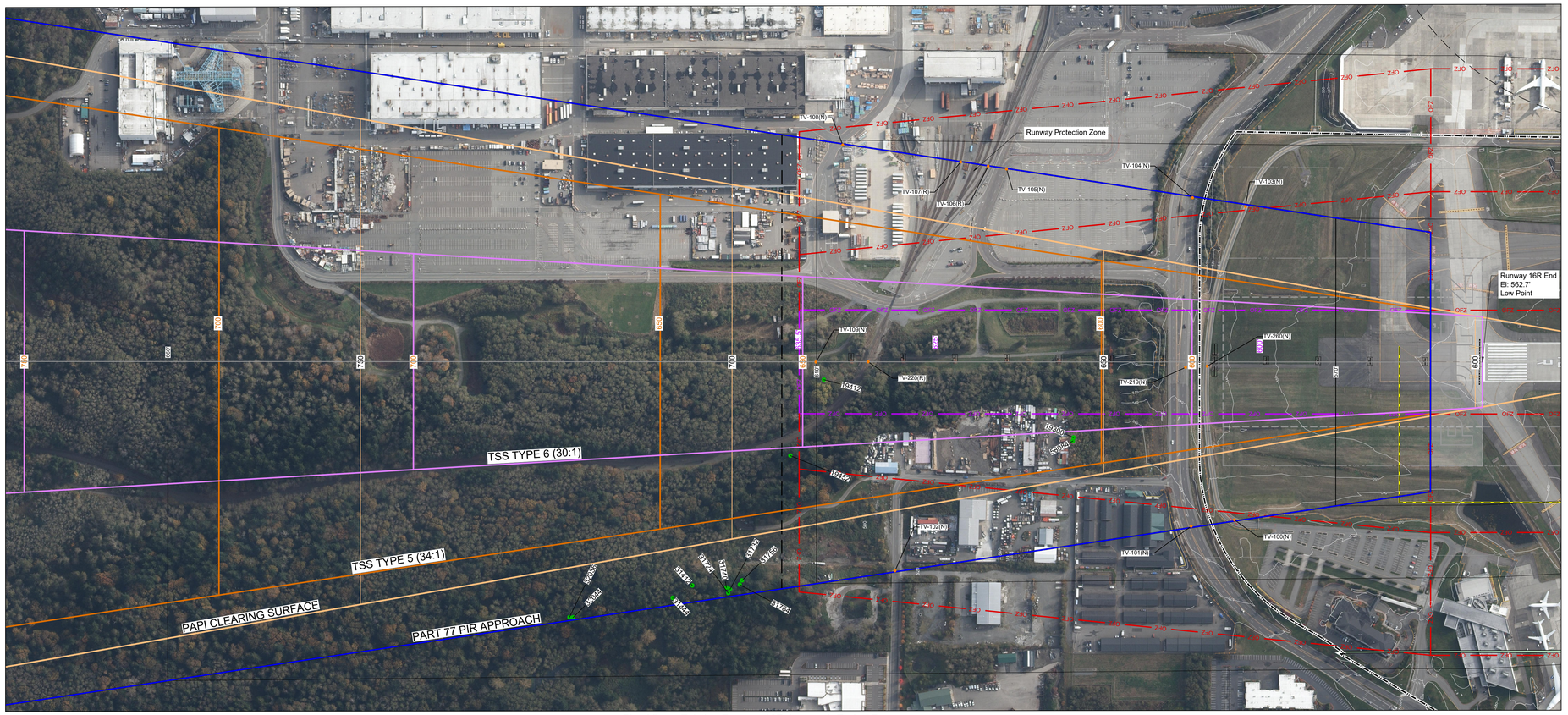
PLAN & PROFILE LEGEND		
Description	Item	
	Plan	Profile
Vegetation Obstruction	18972	18972
Vegetation Cluster	TG-1	TG-1
Manmade Obstruction	18972	18972
Traverse Point	18972	18972
Composite Ground Profile		
Airport Boundary		





Plan View - Existing Runway 16R Approach End of Runway
Horizontal Scale: 1"=200'

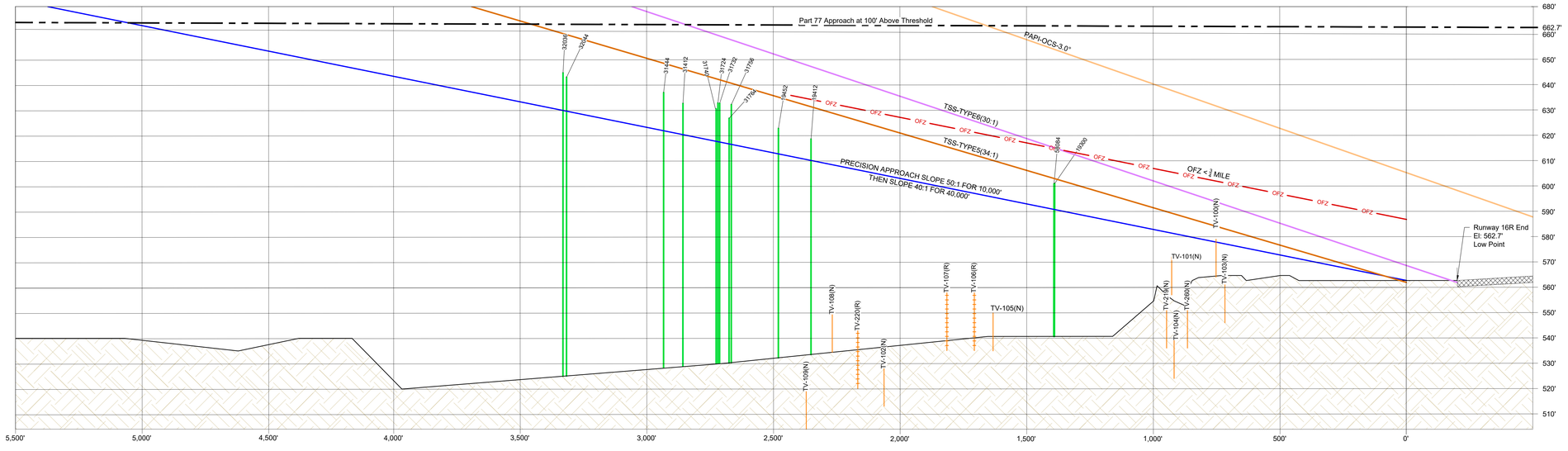
PART 77 OBSTACLES - RUNWAY 16R

OBJECT ID	OBJECT DESCRIPTION	TOP ELEV (MSL)	HEIGHT (AGL)	AIRSPACE SURFACE	SURF PEN	LAT (DMS)	LONG (DMS)	DISPOSITION
19300	(VEG) TREE	600.8	59	PT77-INNR APCH (50-1) 16R	10.5	47 55 32.32 N	122 17 13.69 W	See Note 5
19412	(VEG) TREE	618.2	128	PT77-INNR APCH (50-1) 16R	8.8	47 55 41.85 N	122 17 10.64 W	See Note 5
19452	(VEG) TREE	622.4	156	PT77-INNR APCH (50-1) 16R	10.4	47 55 43.07 N	122 17 14.96 W	See Note 5
31412	(VEG) TREE	632.2	136	PT77-INNR APCH (50-1) 16R	12.6	47 55 46.72 N	122 17 22.39 W	See Note 5
31444	(VEG) TREE	636.5	140	PT77-INNR APCH (50-1) 16R	15.4	47 55 47.47 N	122 17 23.11 W	See Note 5
31724	(VEG) TREE	632.4	131	PT77-INNR APCH (50-1) 16R	15.6	47 55 45.35 N	122 17 22.79 W	See Note 5
31732	(VEG) TREE	632.3	132	PT77-INNR APCH (50-1) 16R	15.7	47 55 45.29 N	122 17 22.57 W	See Note 5
31740	(VEG) TREE	630.1	130	PT77-INNR APCH (50-1) 16R	13.1	47 55 45.43 N	122 17 22.48 W	See Note 5
31756	(VEG) TREE	631.8	133	PT77-INNR APCH (50-1) 16R	16.1	47 55 44.84 N	122 17 22.06 W	See Note 5
31764	(VEG) TREE	626.4	127	PT77-INNR APCH (50-1) 16R	10.5	47 55 44.92 N	122 17 22.31 W	See Note 5
32036	(VEG) TREE	644.2	151	PT77-INNR APCH (50-1) 16R	15.1	47 55 51.38 N	122 17 24.3 W	See Note 5
32044	(VEG) TREE	642.5	149	PT77-INNR APCH (50-1) 16R	13.7	47 55 51.24 N	122 17 24.3 W	See Note 5
58084	(VEG) TREE	600.7	58	PT77-INNR APCH (50-1) 16R	10.5	47 55 32.34 N	122 17 13.89 W	See Note 5

RUNWAY 16R APPROACH SURFACE TRAVERSE POINTS

OBJECT ID	OBJECT DESCRIPTION	TOP ELEV (MSL)	AIRSPACE SURFACE	SURFACE PENETRATION	LAT (DMS)	LONG (DMS)	DISPOSITION
TV-100(N)	NORTH SERVICE RD	583	PART 77 (50:1) APPROACH	5.2	N47 55 26.15	W122 17 18.21	AIRPORT VSR
TV-101(N)	CASCADE LOOP	572	PART 77 (50:1) APPROACH	-9	N47 55 27.80	W122 17 18.61	NONE
TV-102(N)	78TH ST SW	528	PART 77 (50:1) APPROACH	-76	N47 55.39.03	W122 17 21.40	NONE
TV-103(N)	NORTH SERVICE RD	561	PART 77 (50:1) APPROACH	-16	N47 55 25.92	W122 17 00.46	NONE
TV-104(N)	CASCADE LOOP	539	PART 77 (50:1) APPROACH	-42	N47 55 27.88	W122 17 00.04	NONE
TV-105(N)	BOEING TOUR CENTER	550	PART 77 (50:1) APPROACH	-45	N47 55 35.02	W122 16 58.58	NONE
TV-106(R)	RAILROAD	558	PART 77 (50:1) APPROACH	-39	N47 55 35.73	W122 16 58.41	NONE
TV-107(R)	RAILROAD	558	PART 77 (50:1) APPROACH	-41	N47 55 36.77	W122 16 58.20	NONE
TV-108(N)	BOEING RD	552	PART 77 (50:1) APPROACH	-56	N47 55 41.30	W122 16 57.32	NONE
TV-109(N)	ACCESS RD	519	PART 77 (50:1) APPROACH	-91	N47 55 42.15	W122 17 09.66	NONE
TV-219(N)	CASCADE LOOP	551	PART 77 (50:1) APPROACH	-30	N47 55 28.11	W122 17 09.62	NONE
TV-220(R)	RAILROAD	543	PART 77 (50:1) APPROACH	-63	N47 55 40.17	W122 17 09.58	NONE
TV-260(N)	SERVICE RD	551	PART 77 (50:1) APPROACH	-29	N47 55 27.28	W122 17 09.56	NONE

No Threshold Siting Surface Surface or OFZ penetrations identified in the survey.
No Manmade Penetrations identified in the survey.
One Traverse-way Penetration on a secured airside road identified in the survey.



Profile View - Existing Runway 16R Approach End of Runway
Horizontal Scale: 1"=200'
Vertical Scale: 1"=20'

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. 3. Per FAR Part-77.23(b) the following traverse ways must be increased by: 10' for a (Pr)ivate Road, 15' for a (N)on Interstate, 17' for an (I)nterstate, and 23' for (R)ailroads.
4. Manmade Items will be mitigated as funding becomes available.
5. Vegetative items will be trimmed or removed as funding becomes available.
6. Terrain profile represents the highest point across the width and along the length of the approach surface.
7. The AGL height of vegetative items is based upon the following:
   7.1. On Airport objects are using the AGIS topo
   7.2. Off Airport objects are using NSRS topo

Revision History	Date	By:

INNER PORTION OF THE APPROACH SURFACE

RUNWAY 16R

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

PAINE FIELD SNOHOMISH COUNTY AIRPORT

Drawn by: RPE
Checked By: CEM
Issue Date: May 2024
Sheet: 09 of 16

Y:\PAE\Master Plan\E-L\B Work\8-ALP\01-LAYOUTS\00-10 Inner Approach 16R-34L Update.dwg Layout: 1 Saved On: February 29, 2024 Plotted: 6/14/2024 10:01 AM