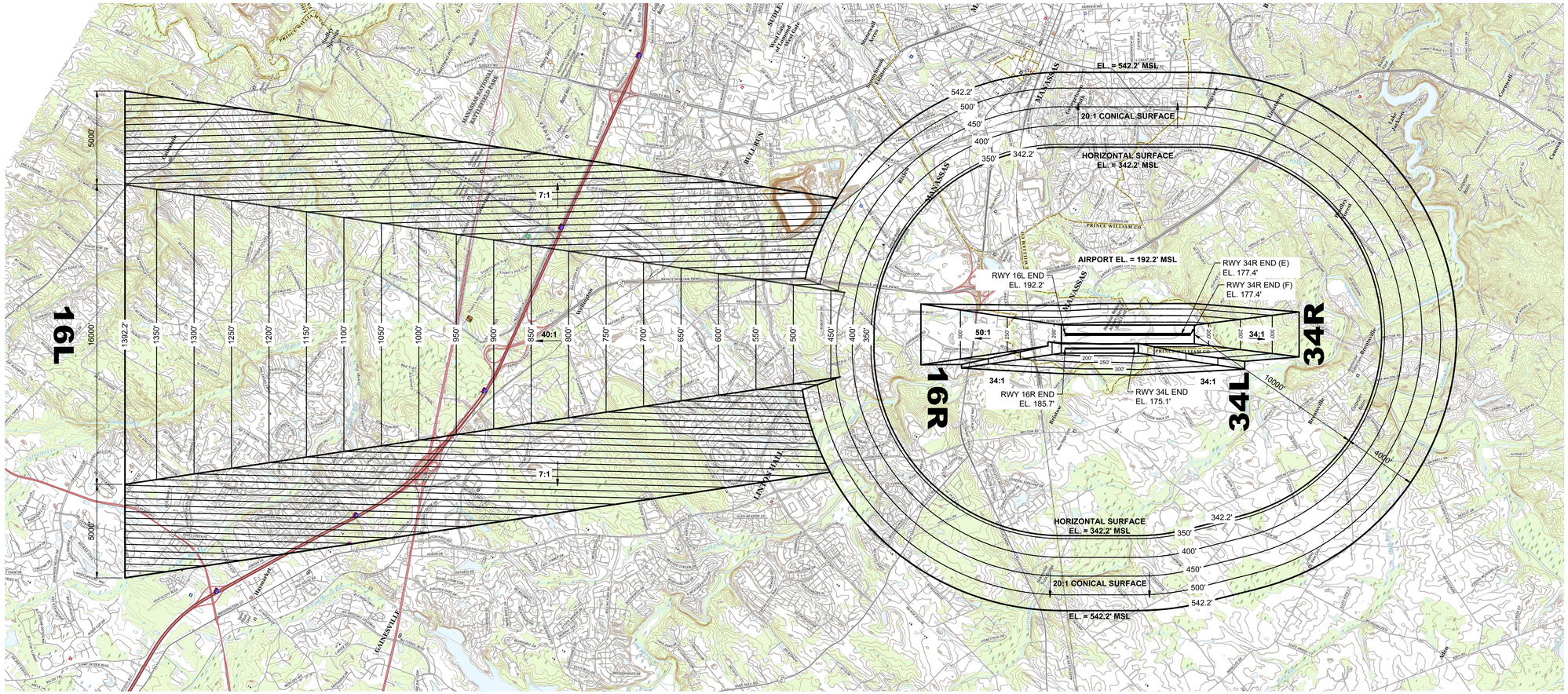

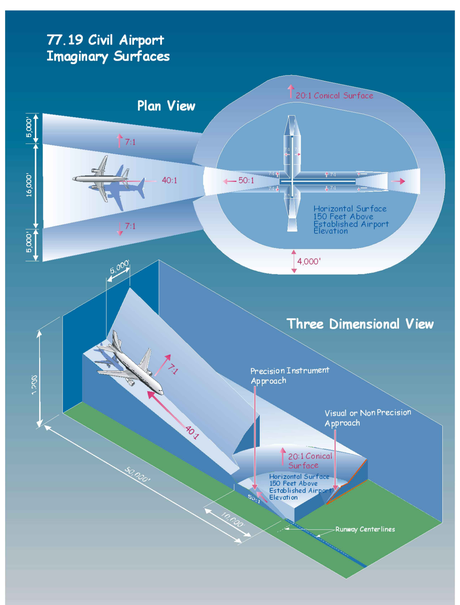

DIM	ITEM	DIMENSIONAL STANDARDS (FEET)					
		VISUAL RUNWAY		NON-PRECISION INSTRUMENT RUNWAY			PRECISION INSTRUMENT RUNWAY
		A	B	A	B		
					C	D	
A	WIDTH OF PRIMARY SURFACE AND APPROACH SURFACE AT INNER END	250	500	500	500	1,000	1,000
B	RADIUS OF HORIZONTAL SURFACE	5,000	5,000	5,000	10,000	10,000	10,000
		VISUAL APPROACH		NON-PRECISION INSTRUMENT APPROACH			PRECISION INSTRUMENT RUNWAY
		A	B	A	B		
					C	D	
C	APPROACH SURFACE WIDTH AT END	1,250	1,500	2,000	3,500	4,000	16,000
D	APPROACH SURFACE LENGTH	5,000	5,000	5,000	10,000	10,000	*
E	APPROACH SLOPE	20:1	20:1	20:1	34:1	34:1	*

A - UTILITY RUNWAYS
B - RUNWAYS LARGER THAN UTILITY
C - VISIBILITY MINIMUMS GREATER THAN 3/4 MILE
D - VISIBILITY MINIMUMS AS LOW AS 3/4 MILE
* - PRECISION INSTRUMENT APPROACH SLOPE IS 50:1 FOR INNER 10,000 FEET AND 40:1 FOR AN ADDITIONAL 40,000 FEET

ZONING RESTRICTIONS
CITY OF MANASSAS, VIRGINIA, ZONING ORDINANCE ARTICLE VIII ZONING DISTRICTS, SEC. 130-424. AIRPORT PROTECTION AREA RESTRICTIONS AND SEC. 130-425. NOISE IMPACT AREA USE RESTRICTIONS. LAST UPDATED: DECEMBER 11, 2023.
PRINCE WILLIAM COUNTY, VIRGINIA ZONING ORDINANCE ARTICLE V OVERLAY DISTRICTS, SEC.32-505 AIRPORT SAFETY OVERLAY DISTRICT. LAST UPDATED AUGUST 12, 2024

SOURCE: CITY OF MANASSAS, VIRGINIA, ZONING ORDINANCE
PRINCE WILLIAM COUNTY, VIRGINIA, ZONING ORDINANCE

NOTES:
1. SEE SHEET 8 FOR PART 77 OBSTRUCTIONS AND OBSTRUCTION TABLE.

N

MAGNETIC DECLINATION
10° 27' WEST
JULY, 2022
ANNUAL CHANGE 0° 0' WEST

3,000' 1,500' 0 3,000'

RS&H

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Virgina Registration Nos. 0407-003171 * 0411-00438

MANASSAS REGIONAL AIRPORT

MANASSAS, VIRGINIA

AIRPORT LAYOUT PLAN

CONSULTANTS

REVISIONS

NO.	DESCRIPTION	DATE

DATE ISSUED: 10/2024
REVIEWED BY: LO
DRAWN BY: TJM, GB
DESIGNED BY: TJM, GB

PROJECT NUMBER
1022-1886-004

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SHEET TITLE

AIRPORT AIRSPACE

SHEET NUMBER

Drawing: T:\P\2221886.004 Manassas Airport Master Plan\CAD\ALP\C\HEF_Pt77.dwg Plotted on: 10/22/2024 2:56 PM Plotted by: Olaniyan, Lanre