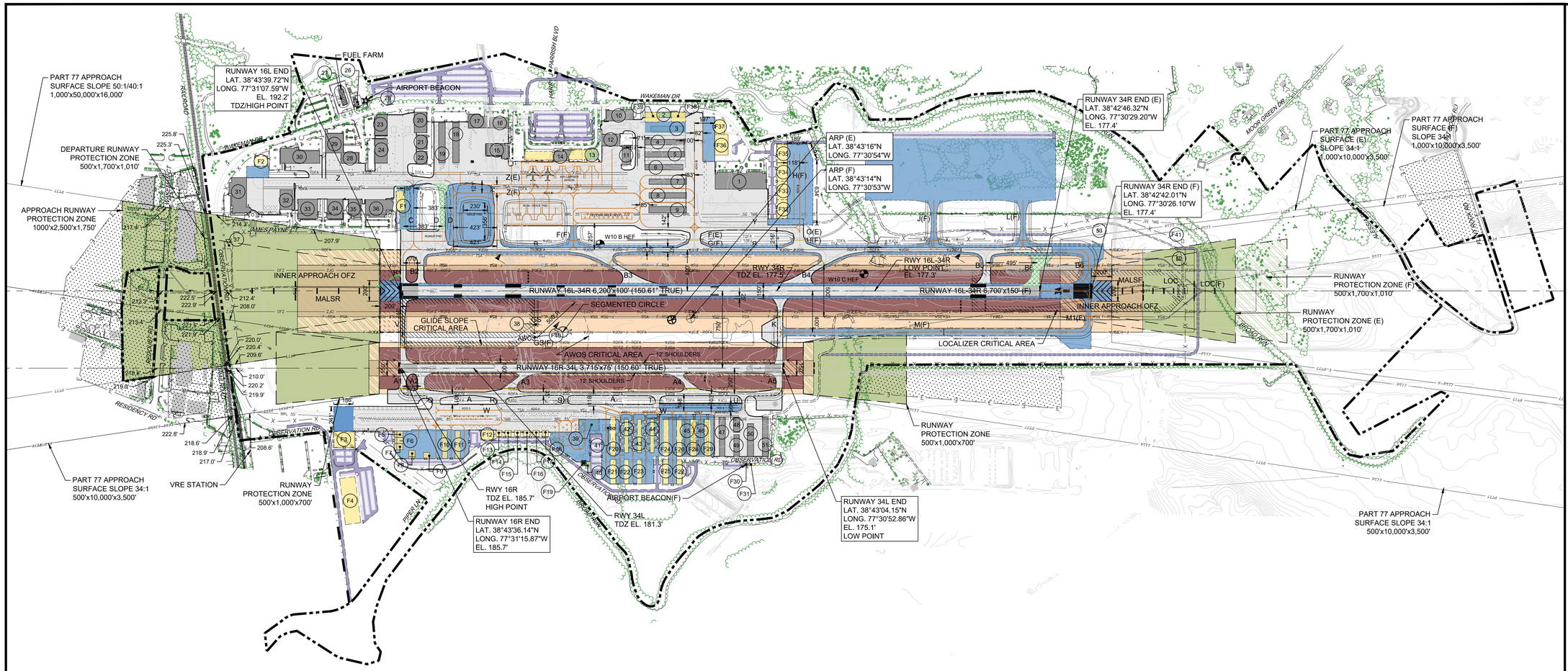

DESCRIPTION	EXISTING	FUTURE
PROPERTY LINE		
EASEMENT		N/A
RUNWAY SAFETY AREA	RSA	F-RSA
RUNWAY OBJECT FREE AREA	ROFA	F-ROFA
RUNWAY OBSTACLE FREE ZONE	ROFZ	F-ROFZ
RUNWAY PROTECTION ZONE		
PRECISION OBSTACLE FREE ZONE		
TAXIWAY OBJECT FREE AREA	TOFA	F-TOFA
BUILDING RESTRICTION LINE	BRL 35'	F-BRL 35'
PART 77 SURFACE	PT77	F-PT77
AIRFIELD PAVEMENT		
AIRFIELD PAVEMENT TO BE REMOVED	N/A	
BUILDINGS		
BUILDINGS TO BE REMOVED	N/A	
ROADWAY/PARKING		
UNPAVED ROADWAY/PARKING		N/A
AIRFIELD LIGHT		
PRECISION APPROACH PATH INDICATOR (PAPI)		
AIRCRAFT HOLDING POSITION		
PAVEMENT MARKING		
AIRPORT REFERENCE POINT (ARP)		
BEACON		
LIGHTED WINDCONE		
FENCE	X X X	XX XX
TREES		N/A
POWER POLE		N/A
LIGHT POLE		N/A
DRAINAGE DITCH		N/A
GROUND CONTOURS		N/A
NGS MONUMENT	PACS/SACS	N/A

EXISTING BUILDING LEGEND		
BUILDING NO	BUILDING DESCRIPTION	ELEVATION HIGHEST POINT
EAST DEVELOPMENT AREA		
1	CHANTILLY AIR FBO (BLDG 1)	232.8'
2	CITY BOX HANGARS E1-E6	218.4'
3	CITY BOX HANGARS D1-D5	210.0'
4	CITY BOX HANGARS C1-C6	208.5'
5	CITY T-HANGARS B1-B18	203.4'
6	CITY T-HANGARS A1-A16	201.9'
7	CITY T-HANGARS F1-F16	199.6'
8	CITY T-HANGARS G1-G16	200.3'
9	CITY T-HANGARS H1-H14	201.8'
10	CHANTILLY AIR MAINTENANCE	219.9'
11	APP JET CENTER (HANGAR)	219.2'
12	APP JET CENTER (HANGAR)	222.9'
13	AIRPORT MAINTENANCE BUILDING	204.3'
14	AIRPORT TERMINAL/US CUSTOMS	229.8'
15	APP JET CENTER (BLDG 1)	226.2'
16	APP JET CENTER (BLDG 2)	234.9'
17	APP JET CENTER (BLDG 3)	226.6'
18	APP HANGARS 1A-16A	208.0'
19	APP HANGARS 1B-16B	210.8'
20	APP JET CENTER (BLDG 4)	232.3'
21	APP JET CENTER (BLDG 5)	227.4'
22	APP JET CENTER (BLDG 6)	220.6'
23	APP JET CENTER (BLDG 7)	232.0'
24	CORPORATE HANGAR	236.2'
25	ELECTRICAL VAULT	209.7'
26	CITY SUBSTATION (GENERATOR)	218.1'
27	FUEL FARM	194.8'
28	AURORA FLIGHT SCIENCES (BLDG 2)	236.1'
29	MJ COLGAN	236.1'
30	AURORA FLIGHT SCIENCES (BLDG 1)	236.4'
31	APP JET CENTER (BLDG 8)	231.8'
32	APP JET CENTER (BLDG 9)	231.6'
33	APP JET CENTER (BLDG 8)	231.8'
34	DELTA FOX AVIATION	230.8'
35	OPTICAL AIR DATA SYSTEMS (OADS)	231.7'
36	FLIGHT WORKS	233.9'
37	MALSR SHELTER	212.1'
38	GLIDE SLOPE/AWOS	184.9'

BUILDING TO BE REMOVED

EXISTING BUILDING LEGEND		
BUILDING NO	BUILDING DESCRIPTION	ELEVATION HIGHEST POINT
WEST DEVELOPMENT AREA		
39	MANASSAS AVIATION MAINTENANCE (MAM)	211.5'
40	AIRPORT BUILDING	194.7'
41	AIR TRAFFIC CONTROL TOWER	261.2'
42[7]	CITY T-HANGARS 1-10	201.2'
43[7]	CITY T-HANGARS 11-20	200.9'
44[7]	CITY T-HANGARS 21-30	200.4'
45	CITY T-HANGARS 31-45	196.3'
46	CITY T-HANGARS 46-60	196.0'
47	CONDO T-HANGARS A1-A8 , B1-B7	202.3'
48	CONDO T-HANGARS D1-D5	198.2'
49	CONDO T-HANGARS C1-C9	197.7'
50	CONDO T-HANGARS E1-E10	202.5'
51	CONDO BOX HANGARS F1-F7	205.4'
SOUTHEAST AREA		
52	LOCALIZER SHELTER	161.0'
53	MALSF SHELTER	164.0'

BUILDING TO BE REMOVED

SURVEY MONUMENTS					
DESIGNATION	NGS PID	PACS OR SACS	LATITUDE	LONGITUDE	ELEVATION
W10 B HEF	HV9242	SACS	38° 43' 25.25"	77° 30' 50.60"	174.8'
W10 C HEF	HV9243	SACS	38° 43' 01.80"	77° 30' 37.92"	172.9'

SOURCE: NATIONAL GEODETIC SURVEY, NAD 83 (2011), NAVD 88

NOTES:
1. ALL COORDINATES ARE IN NORTH AMERICAN DATUM OF 1983 (NAD 83).
2. ALL ELEVATIONS ARE IN NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
3. ALL ELEVATIONS EXPRESSED IN FEET ABOVE MEAN SEA LEVEL (MSL).
4. ROADWAY ELEVATIONS INCLUDE TRAVERSEWAY ADJUSTMENT (23' RAILROADS | 17' HIGHWAYS | 15' PUBLIC ROADS | 10' PRIVATE ROADS).
5. BUILDING RESTRICTION LINE IS 35' UNLESS OTHERWISE NOTED.
6. PERIMETER FENCE IS 10'.
7. BUILDING NUMBERS 42, 43, AND 44 TO BE REMOVED AND REPLACED WITH LIKE IN KIND.

FUTURE BUILDING LEGEND		
BUILDING NO	BUILDING DESCRIPTION	ELEVATION HIGHEST POINT
EAST DEVELOPMENT AREA		
F1	ARFF BUILDING	220'
F2	SNOW AND ICE EQUIPMENT STORAGE & MAINTENANCE FACILITY	226'
F32	BOX HANGAR	220'
F33	BOX HANGAR	220'
F34	BOX HANGAR	220'
F35	BOX HANGAR	220'
F36	CORPORATE HANGAR	220'
F37	CORPORATE HANGAR	220'
F38	CORPORATE HANGAR	220'
F39	CORPORATE HANGAR	220'
F40	GLIDE SLOPE	220'
F41	LOCALIZER SHELTER	220'
WEST DEVELOPMENT AREA		
F3	AAM TERMINAL/FACILITY	220'
F4	BUILDING	210'
F5	BOX HANGAR	200'
F6	BOX HANGAR	200'
F7	BOX HANGAR	200'
F8	BOX HANGAR	200'
F9	BOX HANGAR	200'
F10	T-HANGAR ROW	200'
F11	T-HANGAR ROW	200'
F12	BOX HANGAR	200'
F13	BOX HANGAR	200'
F14	BOX HANGAR	200'
F15	BOX HANGAR	200'
F16	BOX HANGAR	200'
F17	BOX HANGAR	200'
F18	BOX HANGAR	200'
F19	WEST APRON FUEL FARM	200'
F20	T-HANGAR ROW	200'
F21	T-HANGAR ROW	198'
F22	T-HANGAR ROW	198'
F23	T-HANGAR ROW	198'
F24	T-HANGAR ROW	198'
F25	T-HANGAR ROW	198'
F26	T-HANGAR ROW	198'
F27	T-HANGAR ROW	198'
F28	T-HANGAR ROW	198'
F29	T-HANGAR ROW	198'
F30	ATC TOWER	291'
F31	ATC TOWER SUPPORT BUILDING	191'

1. FUTURE BUILDING ELEVATIONS ARE ESTIMATED.
2. REFERENCE SHEET 20 FOR CONCEPTUAL PHASING PLAN DEPICTING SHORT, MEDIUM, AND LONG TERM DEVELOPMENT PHASES.

FEDERAL AVIATION ADMINISTRATION

APPROVED _____ NAME _____ DATE

VIRGINIA DEPARTMENT OF AVIATION

APPROVED _____ NAME _____ DATE

CITY OF MANASSAS

APPROVED _____ NAME _____ DATE

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

500' 250' 0 500'

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, BJM
DESIGNED BY: TJM, BJM

PROJECT NUMBER
1022-1886-004

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SHEET TITLE

AIRPORT LAYOUT PLAN DRAWING

SHEET NUMBER

3 OF 20

Drawing: T:\P\2221886.004 Manassas Airport Master Plan\CAD\ALP\C\HEF_03_ALP.dwg Plotted on: 1/7/2025 3:41 PM Plotted by: Olaniyan, Lanre