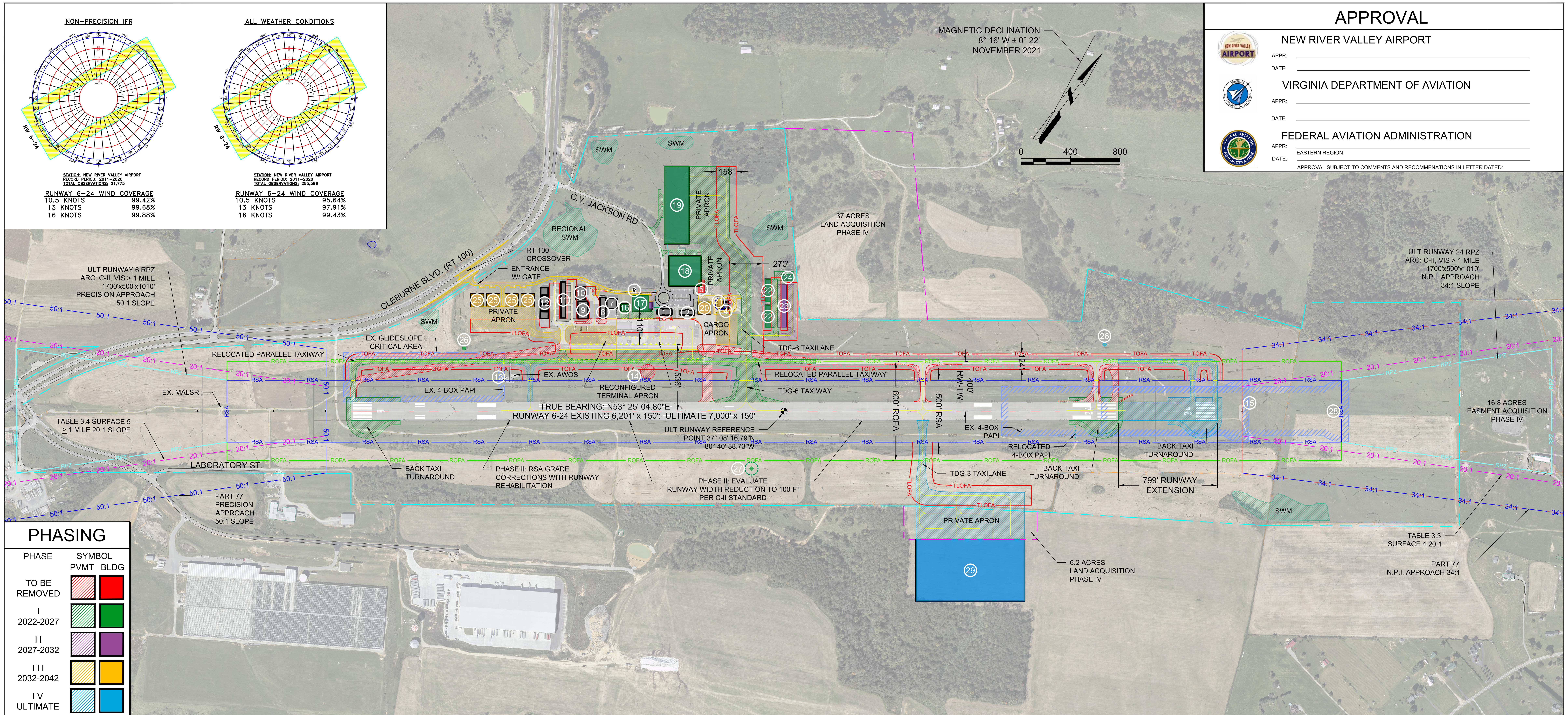


APPROVAL

NEW RIVER VALLEY AIRPORT
APPR:
DATE:

VIRGINIA DEPARTMENT OF AVIATION
APPR:
DATE:

FEDERAL AVIATION ADMINISTRATION
APPR: EASTERN REGION
DATE:
APPROVAL SUBJECT TO COMMENTS AND RECOMMENATIONS IN LETTER DATED:

DRAFT

AIRPORT DATA TABLE

	EXISTING	ULTIMATE
AIRPORT REFERENCE POINT (NAD 83)	37° 08' 14.41" N 80° 40' 42.53" W	SAME
MEAN DAILY MAX TEMP	84°F	
WIND COVERAGE (VFR %)	99.43%	
WIND COVERAGE (IFR %)	99.88%	
AIRPORT MAG. VARIATION	8° 16' W ± 0° 22' - NOVEMBER 2021	
AIRPORT REFERENCE CODE	B-II	C-II
NPIAS SERVICE LEVEL	GENERAL AVIATION	
STATE SERVICE ROLE	GA - REGIONAL	
TAXIWAY LIGHTING	MITL	
RUNWAY 6 LATITUDE (NAD 83) RUNWAY 6 LONGITUDE (NAD 83)	37° 07' 55.58" N 80° 41' 12.74" W	SAME
RUNWAY 24 LATITUDE (NAD 83) RUNWAY 24 LONGITUDE (NAD 83)	37° 08' 33.24" N 80° 40' 12.32" W	37° 08' 37.93" N 80° 40' 04.48" W
VISUAL APPROACH AIDS	RW 6: MALSR; RW 24: PAPI-4L, REIL; BOTH: WINDCONE, ROTATING BEACON	RW 6: SAME RW 24: SAME BOTH: SAME, SUPP. WINDCONES
ELECTRONIC NAVAIDS	RW 6: VOR, ILS, GPS RW 24: VOR, GPS	SAME
RUNWAY 6 ELEVATION	2,105.0' MSL	SAME
RUNWAY 24 ELEVATION	2,072.8' MSL	SAME
EST. AIRPORT ELEVATION	2,105.0' MSL	SAME

RUNWAY DATA TABLE

	EXISTING		ULTIMATE	
	RUNWAY 6	RUNWAY 24	RUNWAY 6	RUNWAY 24
APPROACH VIS. MINIMUMS	≥ 1 MI	≥ 1 MI	SAME	SAME
FAR PART 77 CAT.	PRECISION INSTRUMENT	NON-PRECISION INSTRUMENT	SAME	
APPROACH SLOPE	50:1	34:1	SAME	
RUNWAY LENGTH / WIDTH	6,201' x 150'		7,000' x 150'	
PAVEMENT TYPE	BITUMINOUS CONCRETE		SAME	
PAVEMENT DESIGN STRENGTH	60,000 LBS (DUAL WHEEL) PCN 40/F/B/X/T		100,000 LBS (DUAL WHEEL) PCN 40/F/B/X/T	
RUNWAY DESIGN CODE	B-II-5000		C-II-4000	
LIGHTING	MIRL		SAME	
MARKING	PRECISION	NON-PRECISION	SAME	
PERCENT GRADIENT	0.5%		SAME	
MAXIMUM RUNWAY GRADE	0.7%		SAME	
CRIT. AIRCRAFT	CITATION II		CHALLENGER 650	
RUNWAY SAFETY AREA DIMENSIONS	6,801' x 150'		9,000' x 500'	
OBJECT FREE AREA DIMENSIONS	6,801' x 500'		9,000 x 800	
OBSTACLE FREE ZONE DIMENSIONS	6,601' x 400'		7,400' x 400'	
OBSTACLE FREE ZONE PENETRATIONS				
EFFECTIVE RUNWAY LENGTH	6,201'		7,000'	
RUNWAY HIGH/LOW POINTS	H: 2,105.0' MSL, L: 2,072.8' MSL		H: 2,105.0' MSL, L: 2,072.8' MSL	

BUILDING TABLE

EXISTING		PROPOSED	
NO.	DESCRIPTION / USE	NO.	DESCRIPTION / USE
1	TERMINAL / FBO OFFICES	16	BOX HANGAR (60'x60')
2	U.S. CUSTOMS / CARGO OFFICES	17	CORPORATE HANGAR (130'x130')
3	CONVENTIONAL HANGAR	18	LARGE TENANT PARCEL 1
4	FUEL FARM	19	LARGE TENANT PARCEL 2
5	MAINTENANCE HANGAR	20	CARGO TRANSLOADING (10,000 SF)
6	AIRFIELD ELECTRICAL VAULT	21	FUEL FARM
7	BOX HANGAR	22	BOX HANGARS
8	T-HANGARS	23	T-HANGAR
9	BOX HANGAR	24	AIRPORT MAINTENANCE & STORAGE
10	BOX HANGAR	25	CORPORATE HANGARS (100'x100')
11	T-HANGARS	26	SUPPLEMENTAL WINDCONES
12	BOX HANGARS (4)	27	RELOCATED WIND CONE / SEGMENTED CIR.
13	GLIDESLOPE	28	RELOCATED LOCALIZER
14	WIND CONE / SEGMENTED CIRCLE	29	LARGE TENANT - PHASE 2 (438,000SF)
15	LOCALIZER		

LEGEND

DESCRIPTION	EXISTING SYMBOL	FUTURE SYMBOL
RUNWAY SAFETY AREA	RSA	RSA
RUNWAY OBJECT FREE AREA	ROFA	ROFA
RUNWAY PROTECTION ZONE	RPZ	RPZ
TAXIWAY SAFETY AREA	TSA	TSA
TAXIWAY OBJECT FREE AREA	TOFA	TOFA
TAXILANE OBJECT FREE AREA	TLOFA	TLOFA
25' BUILDING RESTRICTION LINE		SAME
35' BUILDING RESTRICTION LINE		SAME
AIRPORT REFERENCE POINT		SAME
AIRPORT PROPERTY LINE		
EASEMENT		SAME
TREE LINE		SAME
FENCELINE		SAME
HOLD LINES		SAME
AWOS/NAVAID CRITICAL AREA		SAME
ON-AIRPORT BUILDINGS		
OFF-AIRPORT BUILDINGS		SAME
STORMWATER MANAGEMENT		

FAA'S APPROVAL OF THIS AIRPORT LAYOUT PLAN (ALP) REPRESENTS ACCEPTANCE OF THE GENERAL LOCATION OF FUTURE FACILITIES DEPICTED. DURING THE PRELIMINARY DESIGN PHASE, THE AIRPORT OWNER IS REQUIRED TO RESUBMIT FOR APPROVAL THE FINAL LOCATIONS, HEIGHTS, AND EXTERIOR FINISHES OF STRUCTURES. FAA'S CONCERNS ARE OBSTRUCTIONS, IMPACT ON ELECTRONIC AIDS, AND ADVERSE EFFECT OF CONTROLLER VIEW OF AIRCRAFT APPROACHES AND GROUND MOVEMENTS WHICH WOULD ADVERSELY AFFECT THE SAFETY, EFFICIENCY, OR UTILITY OF THE AIRPORT.

MOD. OF STANDARDS

NONSTD. CONDITIONS

RUNWAY END ID	NON STANDARD CONDITION	ACTION

EDEN & ASSOCIATES
engineering • planning • development
1700 KRAFT DRIVE, SUITE 2350
BLACKSBURG, VIRGINIA 24060
VOICE 276-632-6231
FAX. 276-632-3648

No.	Revision	Date

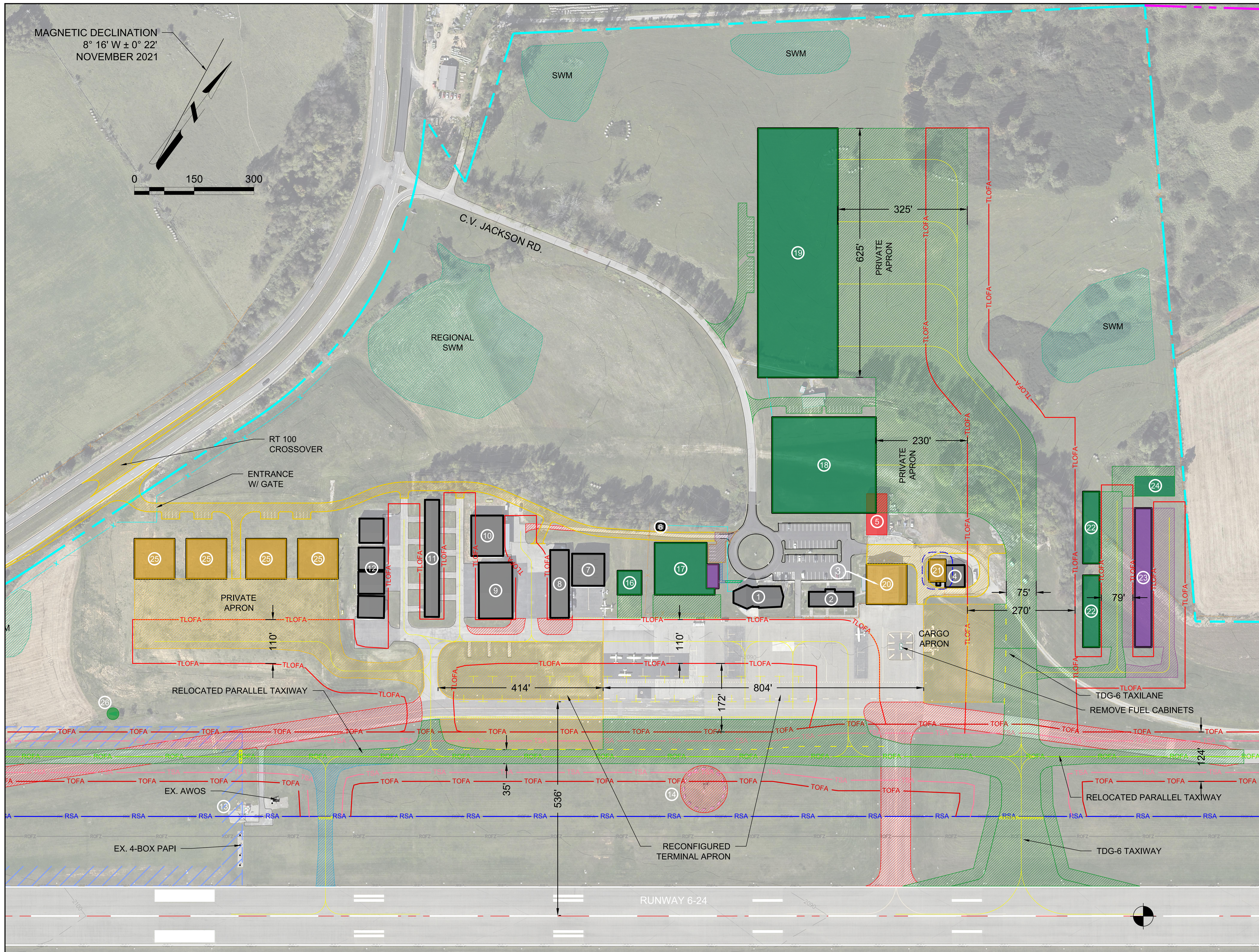
NEW RIVER VALLEY AIRPORT
DUBLIN, VA

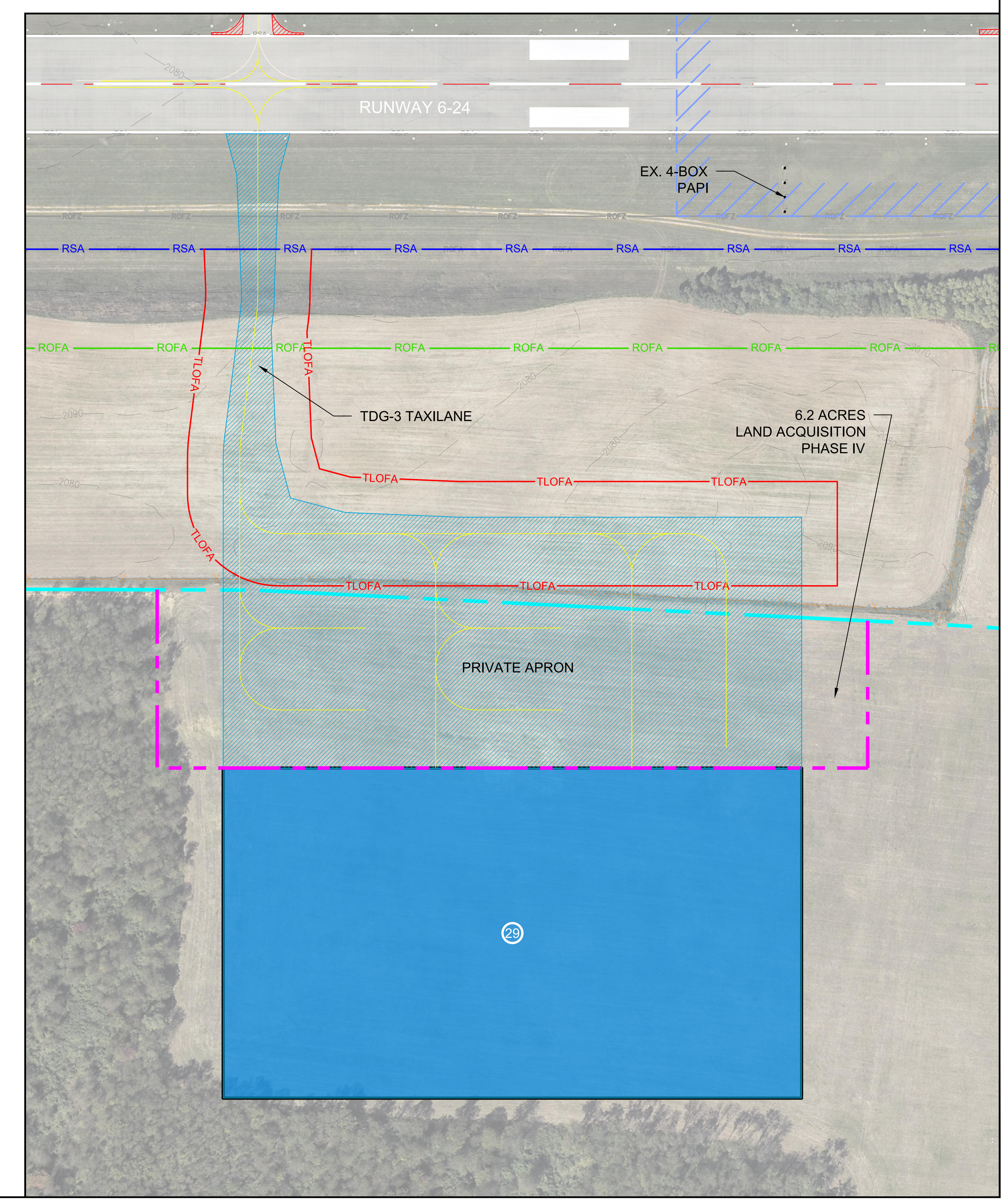
AIRPORT LAYOUT PLAN

AIRPORT LAYOUT PLAN

FAA AIP PROJECT NO.: 3-51-0012-022

Drawn By: APK	Scale: 1" = 400'
Checked By: DEM	Date: 10/5/2022
Sheet No. 3 of 13	





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15	LOCALIZER		

PHASING

PHASE	SYMBOL PVMT	SYMBOL BLDG
TO BE REMOVED		
I 2022-2027		
II 2027-2032		
III 2032-2042		
IV BEYOND 2042		

LEGEND

DESCRIPTION	EXISTING SYMBOL	FUTURE SYMBOL
RUNWAY SAFETY AREA	RSA	RSA
RUNWAY OBJECT FREE AREA	ROFA	ROFA
RUNWAY PROTECTION ZONE	RPZ	RPZ
TAXIWAY SAFETY AREA	TSA	TSA
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AIRPORT PROPERTY LINE		
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NEW RIVER VALLEY AIRPORT

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No.	Revision	Date

NEW RIVER VALLEY AIRPORT
DUBLIN, VA

AIRPORT LAYOUT PLAN

TERMINAL AREA LAYOUT PLAN

FAA AIP PROJECT NO.: 3-51-0012-022

Drawn By: APK	Scale: 1" = 150'
Checked By: DEM	Date: 10/5/2022

Sheet No. 4 of 13

C:\DROPBOXE&A\PSK NRV AIRPORT\MASTER PLAN\ALP CAD\3-4 AIRPORT LAYOUT AND TERMINAL PLANS.DWG
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