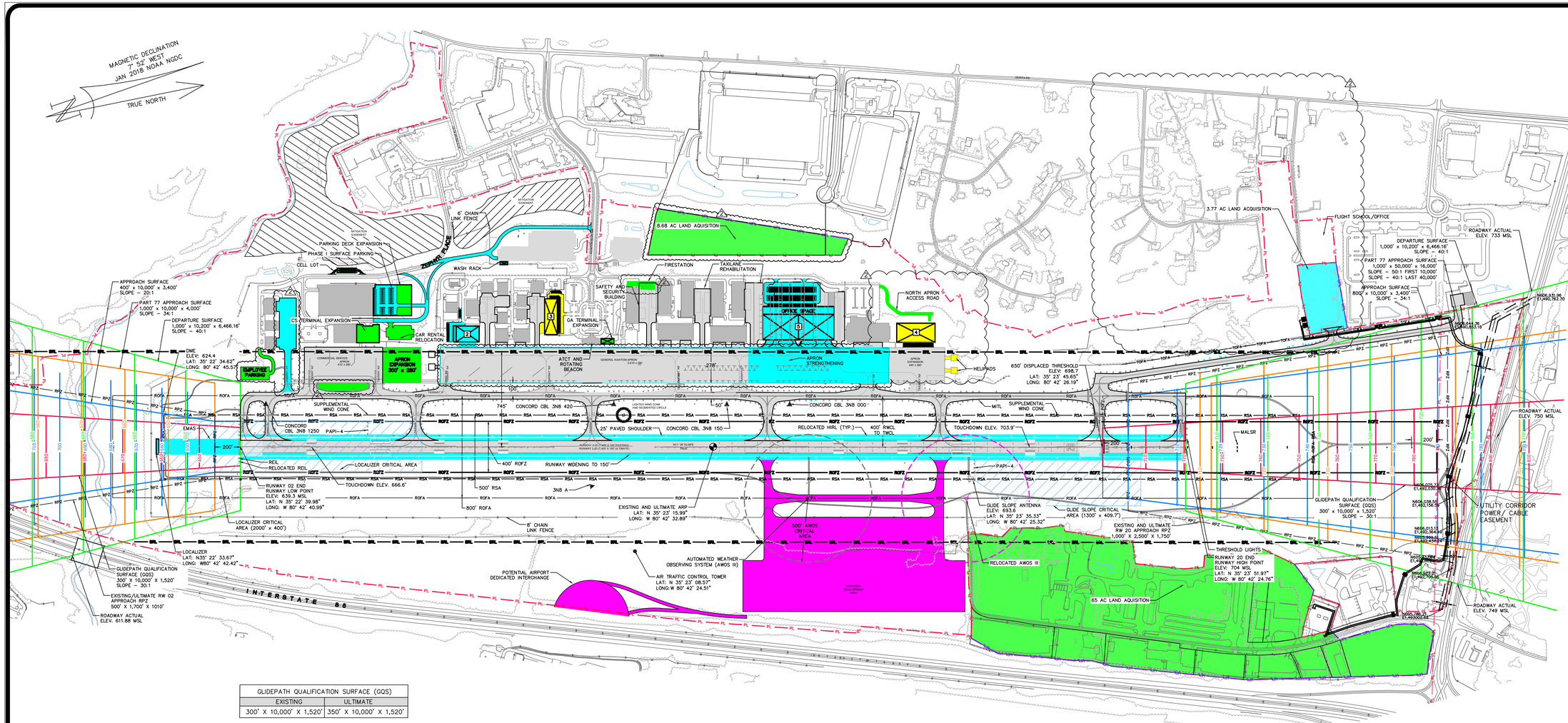
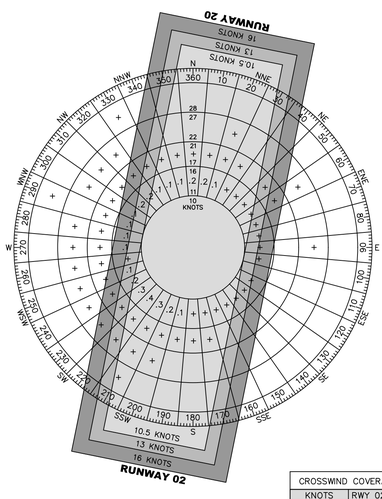


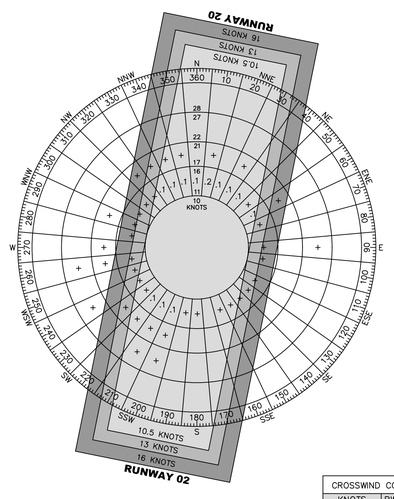
GLIDEPATH QUALIFICATION SURFACE (GQS)	
EXISTING	ULTIMATE
300' X 10,000' X 1,520'	350' X 10,000' X 1,520'



ALL WEATHER WIND ROSE

SOURCE: NATIONAL WEATHER RECORDS CENTER: ASHEVILLE, N.C.
STATION: CONCORD REGIONAL AIRPORT
PERIOD: 2008–2017

CROSSWIND COVERAGE	
KNOTS	RWY 02–20
10.5	99.09%
13	99.59%
16	99.92%



IFR WIND ROSE

SOURCE: NATIONAL WEATHER RECORDS CENTER: ASHEVILLE, N.C.
STATION: CONCORD REGIONAL AIRPORT
PERIOD: 2008–2017

CROSSWIND COVERAGE	
KNOTS	RWY 02–20
10.5	99.62%
13	99.79%
16	99.91%

LEGEND

ITEM	EXISTING	ULTIMATE
GROUND CONTOURS	1160	
WOOD AREA		
ROADS (PAVED)		
WATER FEATURE		
FENCE		
AIRPORT BUILDINGS / STRUCTURES		
AIRPORT PAVED AREAS		
AIRPORT PROPERTY LINE (PL)	PL	UPL
RUNWAY OBJECT FREE AREA	ROFA	
RUNWAY OBSTACLE FREE ZONE	ROFZ	
RUNWAY SAFETY AREA	RSA	
RUNWAY PROTECTION ZONE	RPZ	
BUILDING RESTRICTION LINE	BRL	
APPROACH SURFACE		
DEPARTURE SURFACE		
PART 77 APPROACH SURFACE		
GLIDE PATH QUALIFICATION SURFACE (GQS)		
AIRPORT REFERENCE POINT (ARP)		
NAVAID CRITICAL AREA		

NOTES:
1. ALL LATITUDE/LONGITUDE COORDINATES ARE IN NAD 83, AND ALL VERTICAL ELEVATIONS ARE IN NAVD 88.
2. FOR DEPARTURE SURFACE INFORMATION SEE DEPARTURE SURFACE PLANSHEETS (SHEETS 12 THROUGH 14).
3. RUNWAY MEETS LINE OF SIGHT REQUIREMENTS

400' 200' 0 400' 800' 1,200'
SCALE IN FEET
1" = 400'

FAA DISCLAIMER

THE CONTENTS DO NOT NECESSARILY REFLECT THE OFFICIAL VIEWS OR POLICIES OF THE FAA. THE ACCEPTANCE OF THIS PLAN BY THE FAA DOES NOT IN ANY WAY CONSTITUTE A COMMITMENT ON THE PART OF THE UNITED STATES TO PARTICIPATE IN ANY DEVELOPMENT DEPICTED HEREIN NOR DOES IT INDICATE THAT THE PROPOSED DEVELOPMENT IS ENVIRONMENTALLY ACCEPT –ABLE IN ACCORDANCE WITH APPROPRIATE PUBLIC LAWS.

DEVELOPMENT STAGES	
PHASE I	2017–2023
PHASE II	2024–2028
PHASE III	2029–2033
FUTURE	2034+

APPROVALS

CITY OF CONCORD

DATE SIGNATURE TITLE

MODIFICATION TO FAA DESIGN STANDARDS

NO.	MODIFICATION	WAIVER	DATE
1	RUNWAY SAFETY AREA 600 FT	EMAS REQUIRED	9/12/18

TALBERT, BRIGHT & ELLINGTON
ENGINEERING & PLANNING CONSULTANTS
3525 WHITEHALL PARK DRIVE, SUITE 210
CHARLOTTE, NORTH CAROLINA 28273
PHONE: 704-426-6070 FAX: 704-426-6080
NORTH CAROLINA LICENSE NO. C-1163

REVISIONS		DATE
1	ADDITIONAL LAND ACQUISITION	5/26/2021
2	PEN AND INK CHANGES	11/18/2024
3		
4		
5		

DESIGNED BY: CBS
PROJECT ENG.: CBS
PROJECT NO.: 2203-2304
DRAWN BY: CRH
CHECKED BY: CBS
DATE ISSUED: SEPT 2024

Concord
NORTH CAROLINA
REGIONAL AIRPORT

AIRPORT MASTER PLAN

AIRPORT LAYOUT PLAN (SHEET 1 OF 2)

SCALE: AS SHOWN

FILE NAME: 2304-ALP

SHT. 2