



FUTURE PROJECT LEGEND		
PROJECT NUMBER	PROJECT DESCRIPTION OR EXISTING FACILITY NUMBER BEING REPLACED	TOP OF STRUCTURE ELEVATION (MSL)
F-02	AA Simulator Addition	726
F-03	FBO Terminal Expansion	738
F-06	Roadway Canopies	732
F-07	ARFF Station	692
F-08	FBO Ramp Expansion	716
F-09	Pedestrian Sky Bridges	732
F-10	GADO Redevelopment	712
F-11	West Boulevard Relocation	664
F-12	Fourth Parallel Runway Construction	728
F-14	Concourse A Expansion Phase II (16 Gates)	808
F-15	Ramp Expansion South Phase I	730
F-16	R-118 (CLT Center)	803
F-17	Phase 1 General Aviation	765
F-18	Airport Overlook	742
F-19	R-321 (R-328 (CMPD Helicopter Hangar & Admin.))	645
F-20	Ramp Expansion Phase II	730
F-21	C Concourse Expansion	808
F-22	Daily North Parking Deck	824
F-24	B Concourse Expansion	808
F-25	Phase 2 General Aviation	765
F-26	Satellite Terminal	806
F-27	APM	734
F-28	Long Term 3 Parking Deck	824
F-29	Master Plan Land East	640
F-30	R-310 (T-Hangers)	725
F-31	R-310 (T-Hangers)	725
F-32	FBO Building	735
F-33	5th Parallel Runway	767
F-34	NCANG Hangar and Ramp Expansion	825
F-35	R-201 (AA Line Maintenance Hangar)	TBD
F-36	APM Maintenance Station	TBD
F-37	R-219 (AA Cargo)	TBD
F-38	R-216 (AA GSE)	TBD
F-39	R-212 (Cargo - Air General, AA Mail Sort, SWA)	TBD
F-40	Phase 1 Cargo Expansion	TBD
F-41	Phase 2 Cargo Expansion	TBD
F-42	Phase 1 Catering - Express/Piedmont	TBD
F-43	R-214 (Catering - Express/Piedmont)	TBD
F-44	R-217 (LSG Sky Chefs)	TBD
F-45	R-218 (AA Catering)	TBD
F-46	R-245 (American Line Maintenance Building)	TBD
F-47	AA Heavy Maintenance Expansion Phase 1	TBD
F-48	R-231 (American IT)	TBD
F-49	R-210 (American Airlines Storage)	TBD
F-50	R-122 (Center Lighting Vault)	TBD
F-51	R-256 (Glycol Refueling Station)	TBD
F-52	R-214 (Parades and Menies)	TBD
F-53	Airline Support Expansion Phase 1	TBD
F-54	R-224 (IDS De-icing)	TBD
F-55	Airport Support Expansion Phase 1	TBD
F-56	R-212 (STS Line & Republic Maintenance)	TBD
F-57	R-209 (Delta GSE)	TBD
F-58	R-211 (Piedmont GSE Maintenance)	TBD
F-59	R-221 (Airport Storage)	TBD
F-60	R-247 (PSA Hangar)	TBD
F-61	R-222 (UPS)	TBD
F-62	R-223 (Jetstream)	TBD
F-63	Catering Expansion Phase 2	TBD
F-64	Catering Expansion Phase 2	TBD
F-65	Airport Support Expansion Phase 2	TBD
F-66	Concourse B Holdroom Bumpouts	TBD
F-67	Concourse C Holdroom Bumpouts	TBD
F-69	GA Hangar Development Phase 1	TBD
F-70	GA Hangar Development Phase 2	TBD
F-71	GA Hangar Development Phase 1	TBD
F-72	ARFF Expansion Phase 1	TBD
F-74	EAT Visual Screens	TBD
F-75	Retaining Wall	TBD
F-76	Carolina Aviation Museum	TBD

- Notes:**
- The depicted Airport Layout Plan (ALP) is based on GIS topography data (2014) and other as-built drawing (CAD) sources. Before any engineering, design, or construction projects are undertaken, the exact location of existing facilities (above and below ground) should be field checked and verified.
 - All Approach RPs are 2,500' x 1,000' x 1,750', unless otherwise noted. All taxiways are 75 feet wide (Design Group V), unless otherwise noted. Runway Exit Taxiway (RET) widths will vary depending on their location and design.
 - Future taxiways and safety areas west of Taxiway E are drawn to FAA AC 150/5300-138 design standards.
 - For complete airport property boundaries existing and future, see Sheet 30 - Airport Property Map.
 - For additional airport information and Modification of Standards (MOS) table is shown on Sheet 4 - Data Sheet.
 - Elevations shown are based on vertical datum NAVD83.
 - Coordinates shown are based on horizontal datum NAD83.
 - Existing rail and roadway elevations were obtained from Google Earth, February 2014, and included movable object height clearances 12' for railroads, 17' for interstate highways, 15' for public roadways, and 10' for private roadways.
 - All future roadway elevations and configurations are conceptual only and will need to be approved by city and state agencies (NCDOT).
 - The existing ASB is to be demolished and relocated between the existing Runway 19R and future Runway 19C threshold.
 - Hold markings shown at intersection of FAA AC 150/5300-138 future RPV & RA Instrument Approach Surface 19C and EAT. Final marking plan to be determined in coordination with FAA and local ATC. Final EAT design is subject to an aeronautical study.
 - The proposed Multimodal expansion area to the south is only a land hold until a permanent site can be determined.
 - Future designations will be determined during the design stage.
 - The RPZ clearance for the future east Runway 17-35 will be determined at a later date when the runway is designed to be needed to meet demand. Line of sight will also need to be maintained from the future ATCT to the future east Runway 17-35.
 - The Airport owns all properties in the existing RPZ with the exception of railroads, public roadways, and an outer portion of the Runway 23 RPZ. There are plans to acquire properties within at existing and future RPZ. Also, there are no plans at this time to address the roads/railways within the existing RPZ.
 - On airport buildings to be demolished during construction. Off airport building/facilities to be mitigated during the design phase of future airport development projects.

EXISTING DRAWING LEGEND	
ITEM	EXISTING
GROUND CONTOUR	---
AIRPORT PROPERTY LINE (FEE SIMPLE)	---
EDGE OF PAVEMENT	---
BUILDING RESTRICTION LINE	---
BUILDINGS	---
ARFF FIELD PAVEMENT	---
SECURITY FENCE	---
NAVAIDS	---
AIRPORT REFERENCE POINT	---
SURFACE DRAINAGE	---
CREEK / STREAM / WATER AREA	---
FACED / BACKS	---
AIRPORT MONUMENT	---
ROFA	---
TOFA	---
RSB	---
TSB	---
GS C.A.	---
LOC C.A.	---
VOR C.A.	---
OPZ	---
ROADWAYS AND RAILWAY ELEVATIONS	---
RVZ	---
AIRPORT BEACON	---
DIMENSIONS	---
EXISTING	600'
FUTURE	600'

EXISTING DRAWING LEGEND (CONT'D)	
ITEM	EXISTING
POFZ	---
RAILROAD	---
RPZ	---
Airport Surface Detection Equipment (ASDE)	---
RUNWAY PART 77 APPROACH SURFACE	---
RUNWAY TERPS APPROACH SURFACE	---
RUNWAY TERPS DEPARTURE SURFACE	---
THRESHOLD SITING SURFACE	---
DETENTION BASIN	---

FUTURE DRAWING LEGEND	
ITEM	FUTURE
Airport Surface Detection Equipment (ASDE)	---
AIRPORT PROPERTY LINE (FEE SIMPLE)	---
AIRPORT REFERENCE POINT	---
ROADWAYS AND RAILWAY ELEVATIONS	---
PROJECT NUMBER	---
DETENTION BASIN	---

FUTURE PHASING LEGEND		
PHASE 1	DESCRIPTION	PHASE 2
---	PAVEMENT	---
---	AIRFIELD SHOULDER PAVEMENT	---
---	BUILDINGS	---
---	ROADWAYS	---
---	ROADWAY / RAILWAY TUNNELS	---
---	AUTOMATIC PEOPLE MOVER (APM)	---
---	DEMOLITION	---
---	INTERMODAL AREA	---
---	FENCE	---
---	RETAINING WALL	---
---	VISUAL SCREEN	---
---	RUNWAY PART 77 APPROACH SURFACE	---
---	RUNWAY TERPS APPROACH SURFACE	---
---	RUNWAY TERPS DEPARTURE SURFACE	---
---	ROFA	---
---	TOFA	---
---	RSB	---
---	TSB	---
---	GS C.A.	---
---	LOC C.A.	---
---	OPZ	---
---	RPZ	---

4x4 FAA STAMP

FAA DISCLAIMER
 THE 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 SPONSOR IS REQUIRED TO RESUBMIT FOR APPROVAL THE FINAL LOCATIONS, HEIGHTS AND EXTERIOR FINISH OF STRUCTURES.



Revision Description	Date	By
Pen & Ink ALP	March 2020	L&B
Pen & Ink ALP	October 2020	L&B
Pen & Ink ALP	July 2021	L&B
Pen & Ink ALP	June 2022	L&B
Pen & Ink ALP	May 2023	L&B

CLT Charlotte-Douglas International Airport

JOB DESCRIPTION AIRPORT LAYOUT PLAN

SHEET TITLE FUTURE AIRPORT LAYOUT PLAN

DESIGNED	L&B	DRAWN	R&E/CB	CHECKED	M&G/SB	APPROVED	CONTR. NO.
						SCALE	AS SHOWN
						DATE	SHEET
						May 2023	3 of 32

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