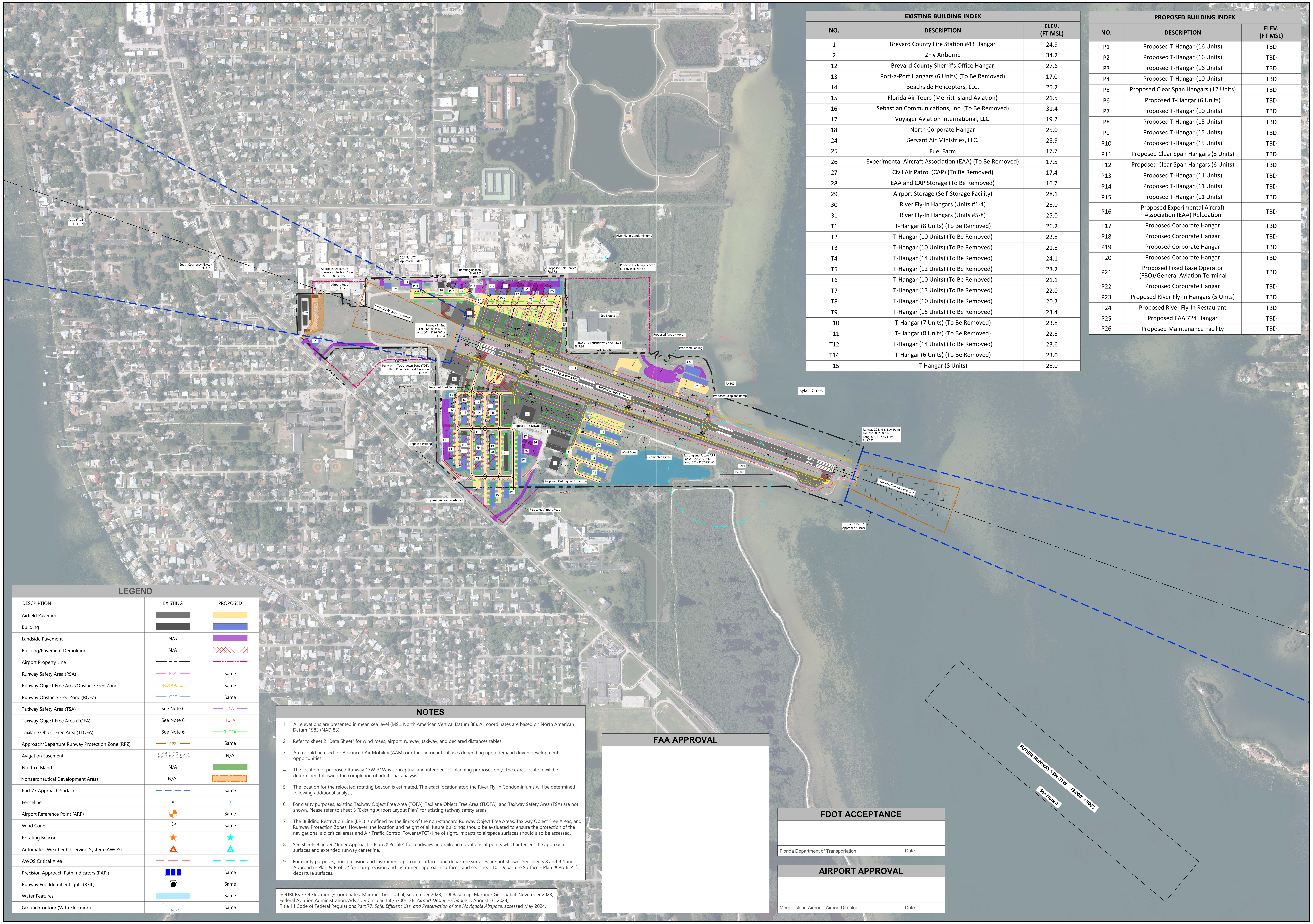
DRAFT - *FOR DISCUSSION PURPOSES ONLY*



EXISTING BUILDING INDEX

NO.	DESCRIPTION	ELEV. (FT MSL)
1	Brevard County Fire Station #43 Hangar	24.9
2	2Fly Airborne	34.2
12	Brevard County Sherrif's Office Hangar	27.6
13	Port-a-Port Hangars (6 Units) (To Be Removed)	17.0
14	Beachside Helicopters, LLC.	25.2
15	Florida Air Tours (Merritt Island Aviation)	21.5
16	Sebastian Communications, Inc. (To Be Removed)	31.4
17	Voyager Aviation International, LLC.	19.2
18	North Corporate Hangar	25.0
24	Servant Air Ministries, LLC.	28.9
25	Fuel Farm	17.7
26	Experimental Aircraft Association (EAA) (To Be Removed)	17.5
27	Civil Air Patrol (CAP) (To Be Removed)	17.4
28	EAA and CAP Storage (To Be Removed)	16.7
29	Airport Storage (Self-Storage Facility)	28.1
30	River Fly-In Hangars (Units #1-4)	25.0
31	River Fly-In Hangars (Units #5-8)	25.0
T1	T-Hangar (8 Units) (To Be Removed)	26.2
T2	T-Hangar (10 Units) (To Be Removed)	22.8
T3	T-Hangar (10 Units) (To Be Removed)	21.8
T4	T-Hangar (14 Units) (To Be Removed)	24.1
T5	T-Hangar (12 Units) (To Be Removed)	23.2
T6	T-Hangar (10 Units) (To Be Removed)	21.1
T7	T-Hangar (13 Units) (To Be Removed)	22.0
T8	T-Hangar (10 Units) (To Be Removed)	20.7
T9	T-Hangar (15 Units) (To Be Removed)	23.4
T10	T-Hangar (7 Units) (To Be Removed)	23.8
T11	T-Hangar (8 Units) (To Be Removed)	22.5
T12	T-Hangar (14 Units) (To Be Removed)	23.6
T14	T-Hangar (6 Units) (To Be Removed)	23.0
T15	T-Hangar (8 Units)	28.0

PROPOSED BUILDING INDEX

NO.	DESCRIPTION	ELEV. (FT MSL)
P1	Proposed T-Hangar (16 Units)	TBD
P2	Proposed T-Hangar (16 Units)	TBD
P3	Proposed T-Hangar (16 Units)	TBD
P4	Proposed T-Hangar (10 Units)	TBD
P5	Proposed Clear Span Hangars (12 Units)	TBD
P6	Proposed T-Hangar (6 Units)	TBD
P7	Proposed T-Hangar (10 Units)	TBD
P8	Proposed T-Hangar (15 Units)	TBD
P9	Proposed T-Hangar (15 Units)	TBD
P10	Proposed T-Hangar (15 Units)	TBD
P11	Proposed Clear Span Hangars (8 Units)	TBD
P12	Proposed Clear Span Hangars (6 Units)	TBD
P13	Proposed T-Hangar (11 Units)	TBD
P14	Proposed T-Hangar (11 Units)	TBD
P15	Proposed T-Hangar (11 Units)	TBD
P16	Proposed Experimental Aircraft Association (EAA) Relcoation	TBD
P17	Proposed Corporate Hangar	TBD
P18	Proposed Corporate Hangar	TBD
P19	Proposed Corporate Hangar	TBD
P20	Proposed Corporate Hangar	TBD
P21	Proposed Fixed Base Operator (FBO)/General Aviation Terminal	TBD
P22	Proposed Corporate Hangar	TBD
P23	Proposed River Fly-In Hangars (5 Units)	TBD
P24	Proposed River Fly-In Restaurant	TBD
P25	Proposed EAA 724 Hangar	TBD
P26	Proposed Maintenance Facility	TBD

LEGEND

DESCRIPTION	EXISTING	PROPOSED
Airfield Pavement		
Building		
Landside Pavement	N/A	
Building/Pavement Demolition	N/A	
Airport Property Line		
Runway Safety Area (RSA)	RSA	Same
Runway Object Free Area/Obstacle Free Zone	ROFA-OFZ	Same
Runway Obstacle Free Zone (ROFZ)	OFZ	Same
Taxiway Safety Area (TSA)	See Note 6	TSA
Taxiway Object Free Area (TOFA)	See Note 6	TOFA
Taxilane Object Free Area (TLOFA)	See Note 6	TLOFA
Approach/Departure Runway Protection Zone (RPZ)	RPZ	Same
Avigation Easement		N/A
No-Taxi Island	N/A	
Nonaeronautical Development Areas	N/A	
Part 77 Approach Surface		Same
Fenceline	x	x
Airport Reference Point (ARP)		Same
Wind Cone		Same
Rotating Beacon		
Automated Weather Observing System (AWOS)		
AWOS Critical Area		
Precision Approach Path Indicators (PAPI)		Same
Runway End Identifier Lights (REIL)		Same
Water Features		Same
Ground Contour (With Elevation)		Same

NOTES

1. All elevations are presented in mean sea level (MSL, North American Vertical Datum 88). All coordinates are based on North American Datum 1983 (NAD 83).
2. Refer to sheet 2 "Data Sheet" for wind roses, airport, runway, taxiway, and declared distances tables.
3. Area could be used for Advanced Air Mobility (AAM) or other aeronautical uses depending upon demand driven development opportunities.
4. The location of proposed Runway 13W-31W is conceptual and intended for planning purposes only. The exact location will be determined following the completion of additional analysis.
5. The location for the relocated rotating beacon is estimated. The exact location atop the River Fly-In Condominiums will be determined following additional analysis.
6. For clarity purposes, existing Taxiway Object Free Area (TOFA), Taxilane Object Free Area (TLOFA), and Taxiway Safety Area (TSA) are not shown. Please refer to sheet 3 "Existing Airport Layout Plan" for existing taxiway safety areas.
7. The Building Restriction Line (BRL) is defined by the limits of the non-standard Runway Object Free Areas, Taxiway Object Free Areas, and Runway Protection Zones. However, the location and height of all future buildings should be evaluated to ensure the protection of the navigational aid critical areas and Air Traffic Control Tower (ATCT) line of sight. Impacts to airspace surfaces should also be assessed.
8. See sheets 8 and 9 "Inner Approach - Plan & Profile" for roadways and railroad elevations at points which intersect the approach surfaces and extended runway centerline.
9. For clarity purposes, non-precision and instrument approach surfaces and departure surfaces are not shown. See sheets 8 and 9 "Inner Approach - Plan & Profile" for non-precision and instrument approach surfaces, and see sheet 10 "Departure Surface - Plan & Profile" for departure surfaces.

SOURCES: COI Elevations/Coordinates: Martinez Geospatial, September 2023; COI Basemap: Martinez Geospatial, November 2023; Federal Aviation Administration, Advisory Circular 150/5300-13B, *Airport Design - Change 1*, August 16, 2024; Title 14 Code of Federal Regulations Part 77, *Safe, Efficient Use, and Preservation of the Navigable Airspace*, accessed May 2024.

FAA APPROVAL

FDOT ACCEPTANCE

Florida Department of Transportation | Date:

AIRPORT APPROVAL

Merritt Island Airport - Airport Director | Date:

FLY SPACE COAST
MERRITT ISLAND AIRPORT (COI)

TITUSVILLE-COCOA AIRPORT AUTHORITY
51 BRISTOW WAY
TITUSVILLE, FL 32780
PHONE (321) 267-8780

RICONDO®

RICONDO & ASSOCIATES, INC.
3504 LAKE LYNDA DRIVE, SUITE 165
ORLANDO, FL 32817
PHONE (407) 381-5730

N

MAGNETIC NORTH
DECLINATION = 7° 15' W
(SEPTEMBER 2024)

TRUE NORTH

0 200 400 800

GRAPHICAL SCALE IN FEET

NO.	REVISIONS	DATE

FUTURE AIRPORT LAYOUT PLAN

MERRITT ISLAND AIRPORT
TITUSVILLE, FLORIDA

DRAWN BY: AB

CHECKED BY: BW

PREPARED BY:
RICONDO & ASSOCIATES, INC.

NOVEMBER 2024

Drawing: P:_PROJECTS\TCAA (Titusville-Cocoa Airport Authority)\22041306 - COI Master Plan Update\Task 10- Airport Layout Plan Set\AutoCAD\04-COI_Future ALP.dwg_Layout: 03_Nov 22, 2024, 2:24pm