

Airport Board Meeting

CWA Terminal Area Master Plan | August 8, 2023

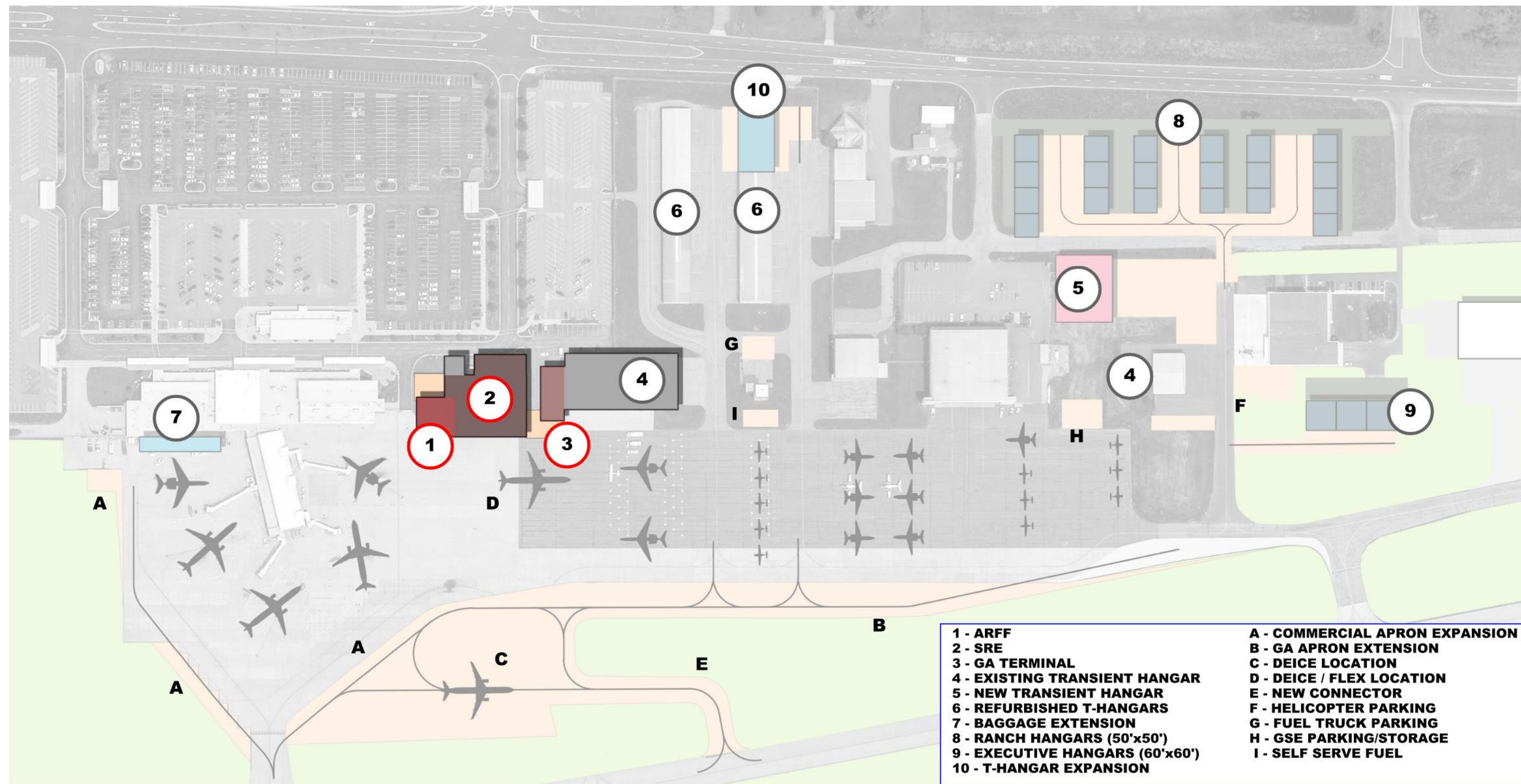
fly **CWA**

Opening Remarks

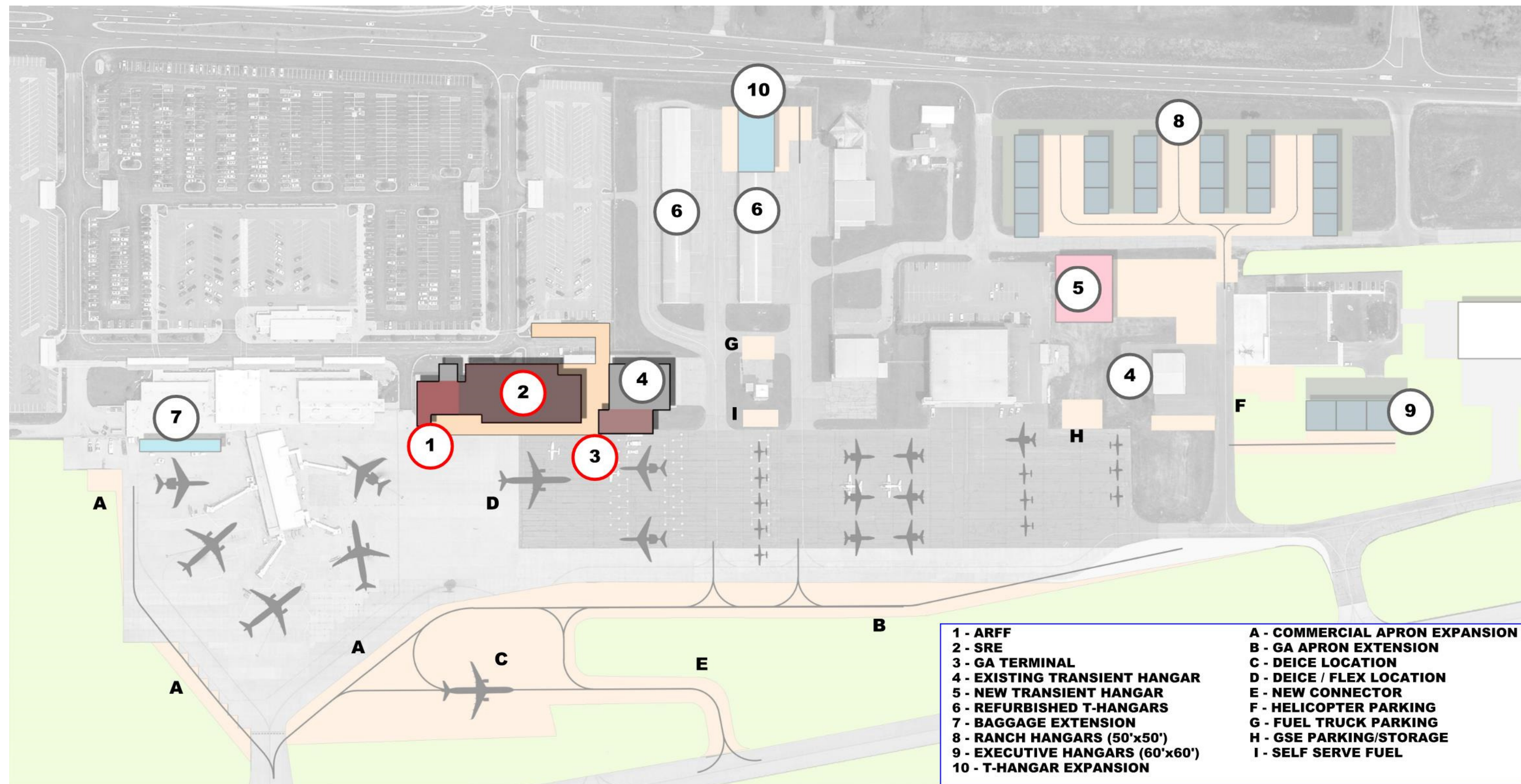
Brian Grefe / Mark Cihlar

Concepts – Terminal Area

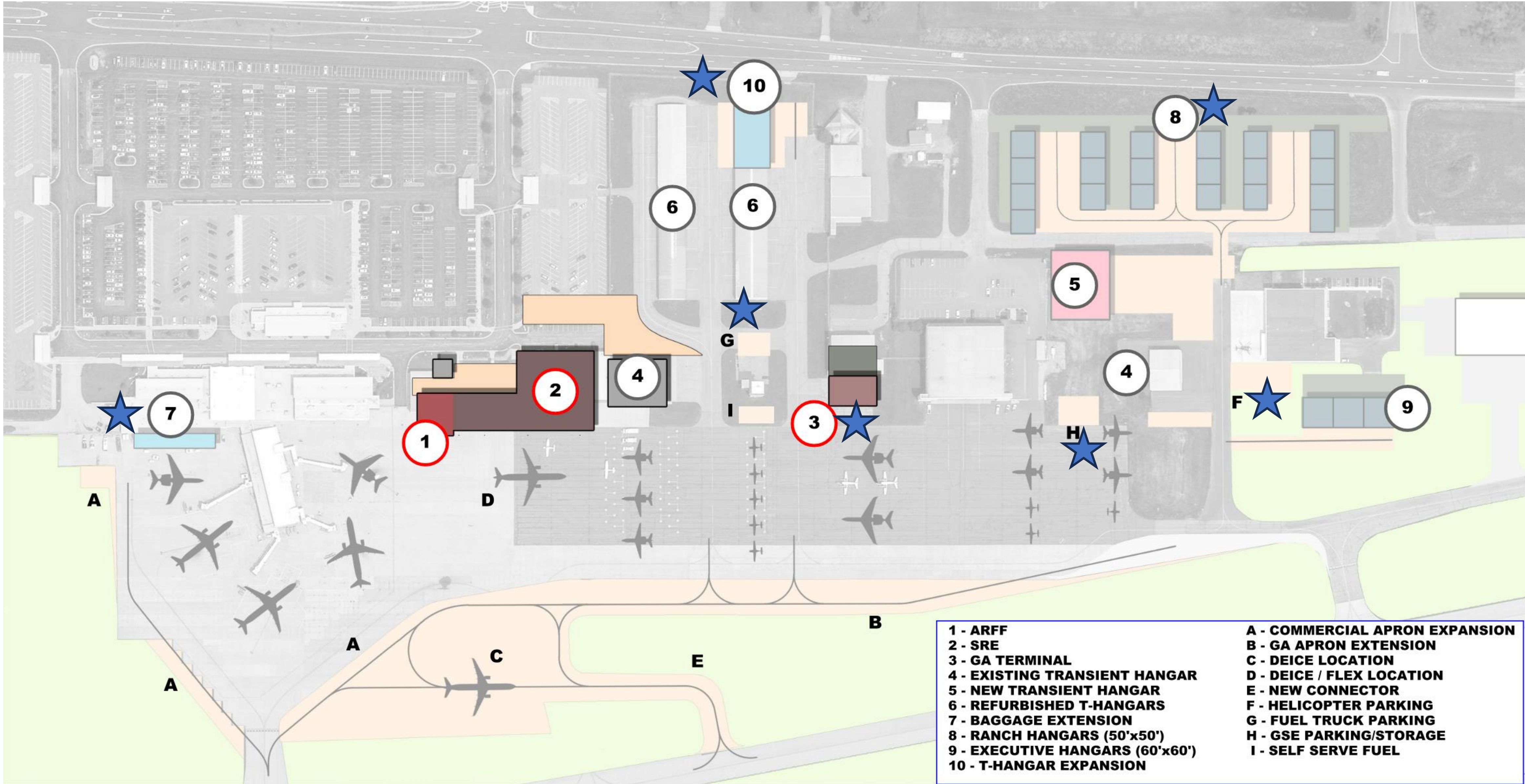
Concept 1



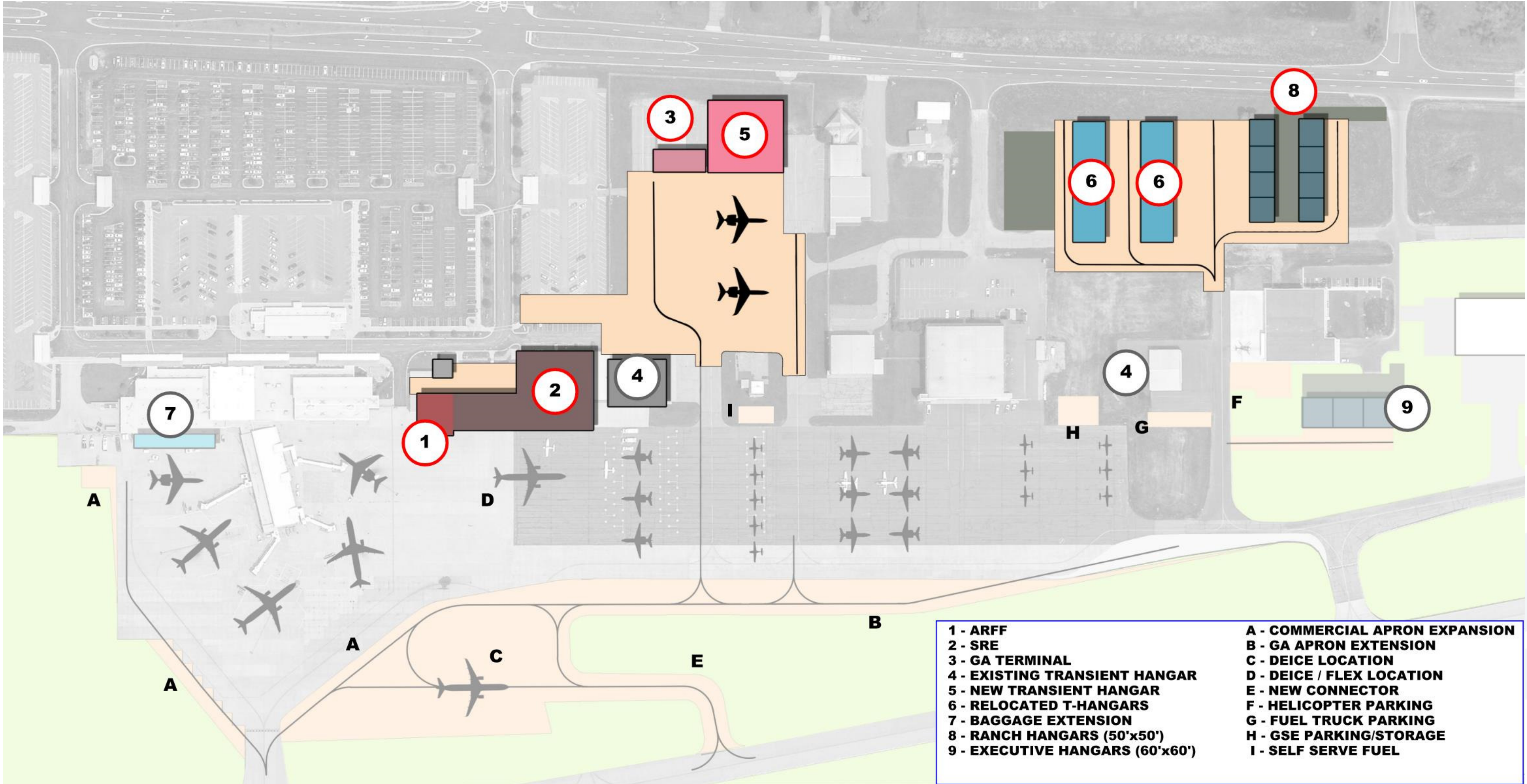
Concept 2



Concept 3



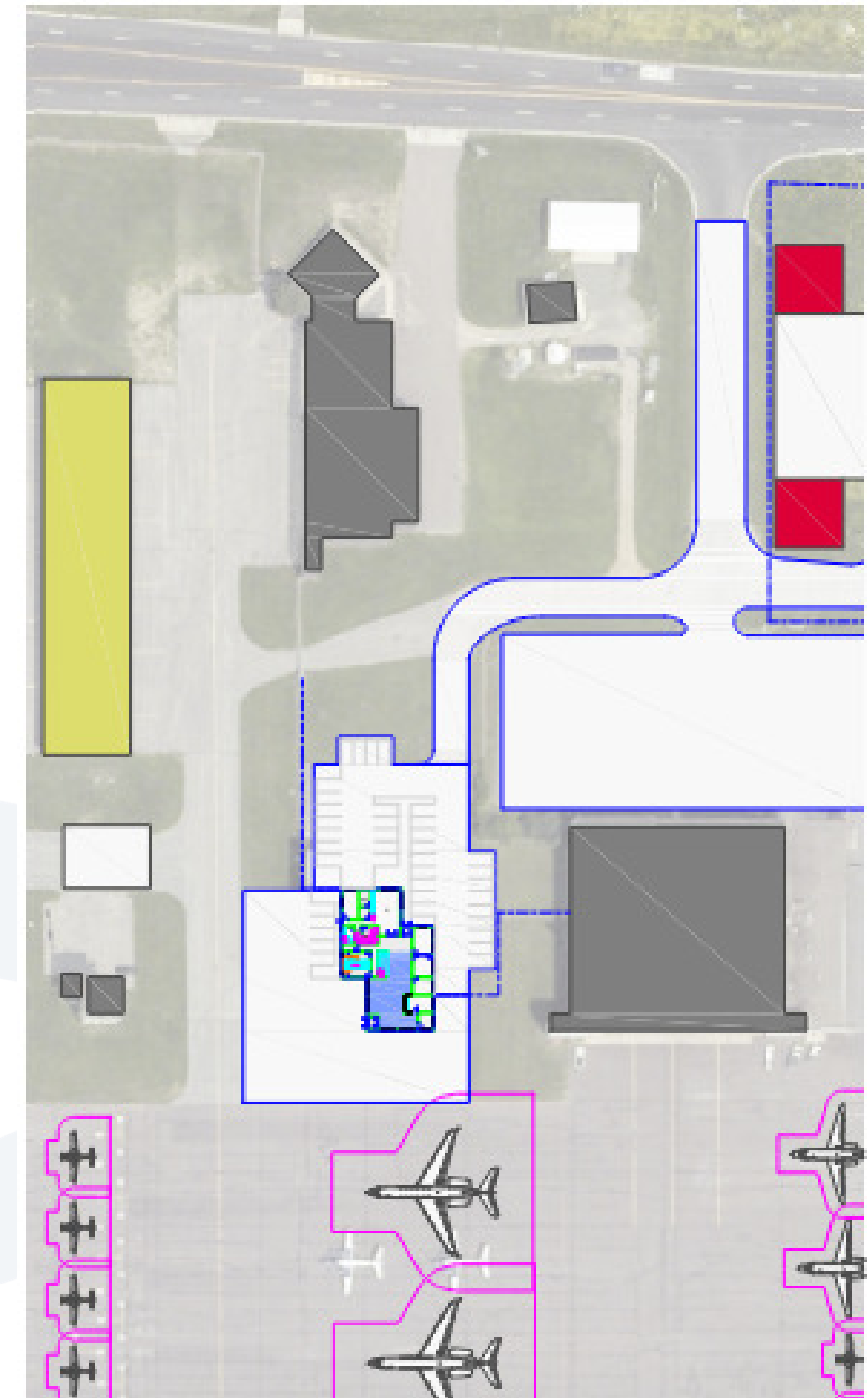
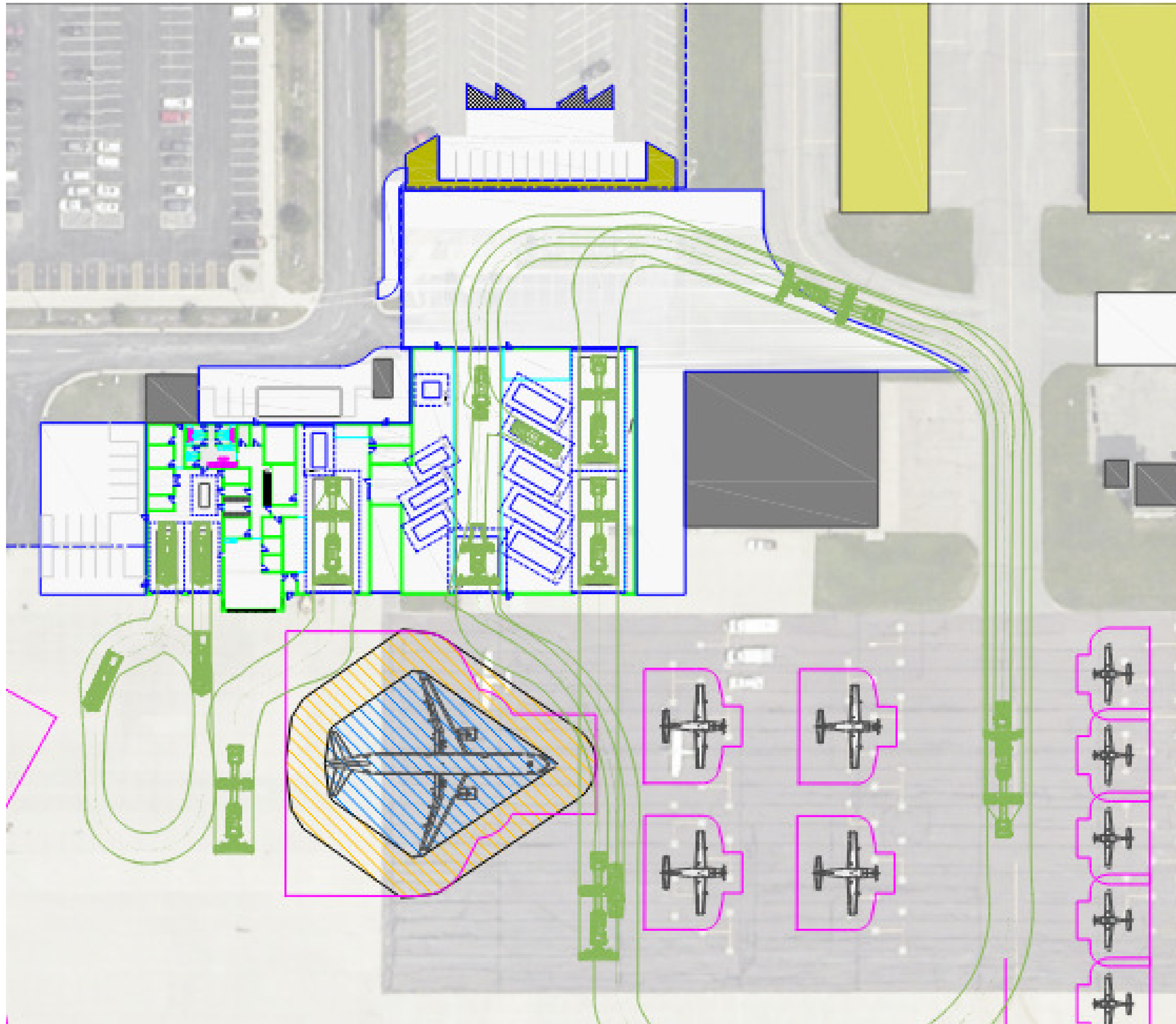
Concept 4




Concept Evaluation

Combined Terminal Area Alternatives Screening Criteria	Alt. 1	Alt. 2	Alt. 3	Alt. 4
GA Terminal Experience				
Enhances passenger experience	✓	✓	✓	✓
Reduces passenger walking distances	■	■	■	✗
Separates GA and Commercial Traffic	✗	✗	✓	✓
Improves landside wayfinding	■	✗	✓	■
Improves airside wayfinding	■	✓	✓	✗
ARFF/SRE Experience				
Meets storage/maintenance requirements	✗	✓	✓	✓
Provides efficient vehicle circulation	✗	■	✓	✓
Building phasing opportunities	✗	✓	✓	✓
Safety and Operational Efficiency				
Meets short, medium, and long-term aircraft parking requirements	✓	✓	✓	✓
Provides efficient aircraft circulation	✓	✓	✓	✗
Provides efficient passenger landside access	■	■	✓	✗
Provides efficient passenger airside access	■	■	✓	✗
Sustainability and Environment				
Maximizes reuse of existing infrastructure	✓	■	✓	✗
Supports efficient land use	✓	✓	✓	✗
Opportunities for photovoltaic	■	✓	✓	✓
Implementation, Phasing, and Feasibility				
Allows for phased apron expansion	✓	✓	✓	✓
Project costs are reasonable	✓	■	■	✗
Minimizes impact to tenants and operations during construction	■	■	✓	✗
Does not require enabling projects	✓	■	■	✗

Concept 3 GA Terminal & Ops Facility Site



Comments from Public

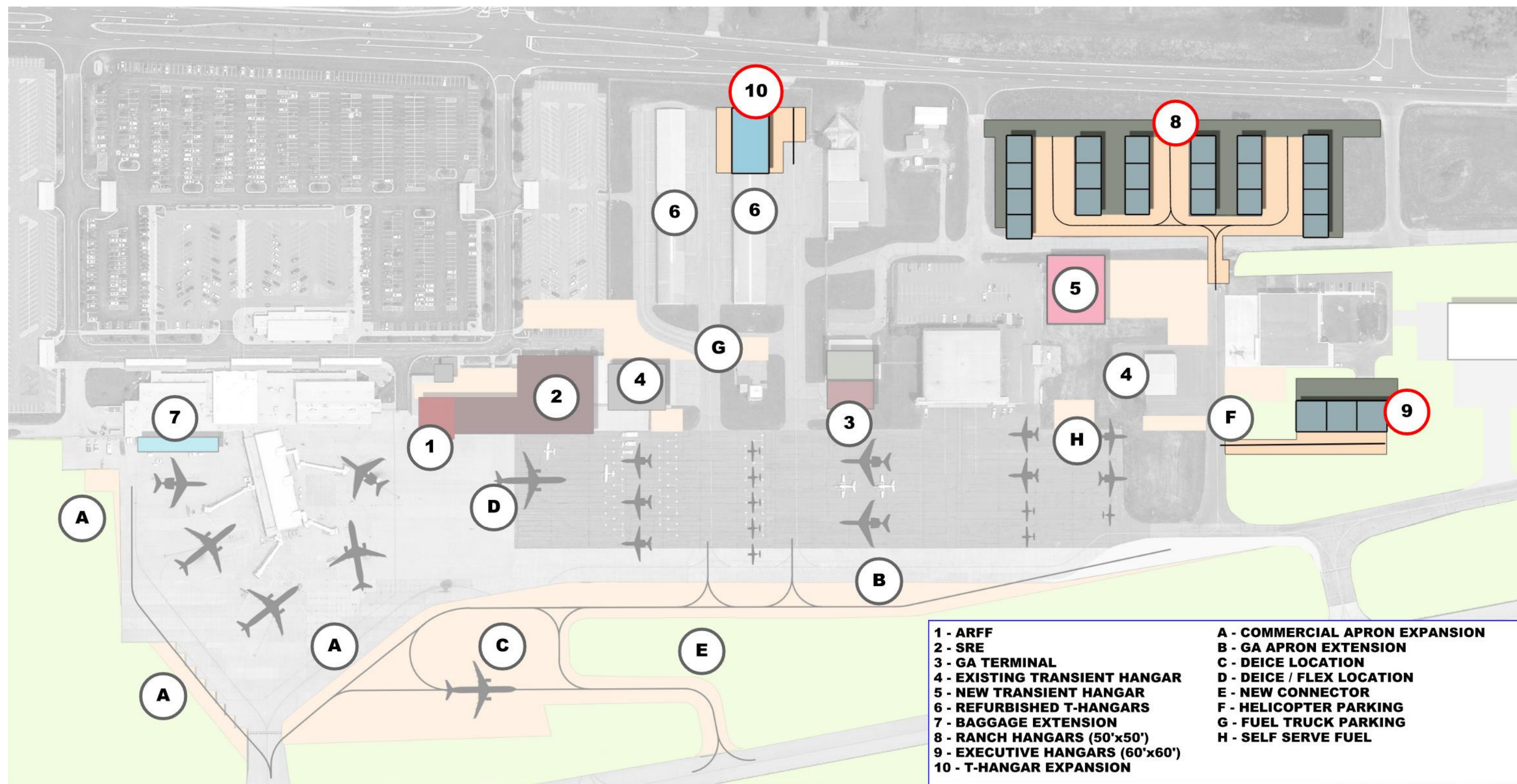
- **FBO operates in 4 different buildings, Concept 3 separates them**
 - Team sat down with FBO as concepts were developed
 - **Loss of 30 parking spaces with ARFF/SRE expansion under Concept 3**
 - **Airside and landside impacts on Endeavor under Concept 3**
 - **Calibration compass pad for Endeavor operations**
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Cost Comparison

Enabling Projects			
Transient Hangar	2,660,000-4,320,000		
GA-Ops Facilities Concept 2		GA-Ops Facilities Concept 3	
FBO Hangar Demo	89,246	FBO Hangar Demo	89,246
Site Work GA and Ops	683,293	Site Work GA	243,432
		Hangar Demo	54,481
		Site Work Ops	969,451
GA Terminal	3,002,500	GA Terminal	3,155,500
Ops Facility	11,854,140	Ops Facility	12,630,120
ARFF Facility	4,741,800	ARFF Facility	4,358,400
SRE Facility	7,112,340	SRE Facility	8,271,720
GA-Ops Facilities	15,629,179	GA-Ops Facilities	17,142,230
Other Projects			
T- Hangar Rehab	1,500,000		
Air Carrier Apron Expansion	970,352		
De-Icing Pad and Circulation	4,093,878		

General Aviation Hangars

T-Hangars, Ranch, & Executive Hangars



Corporate Hangars

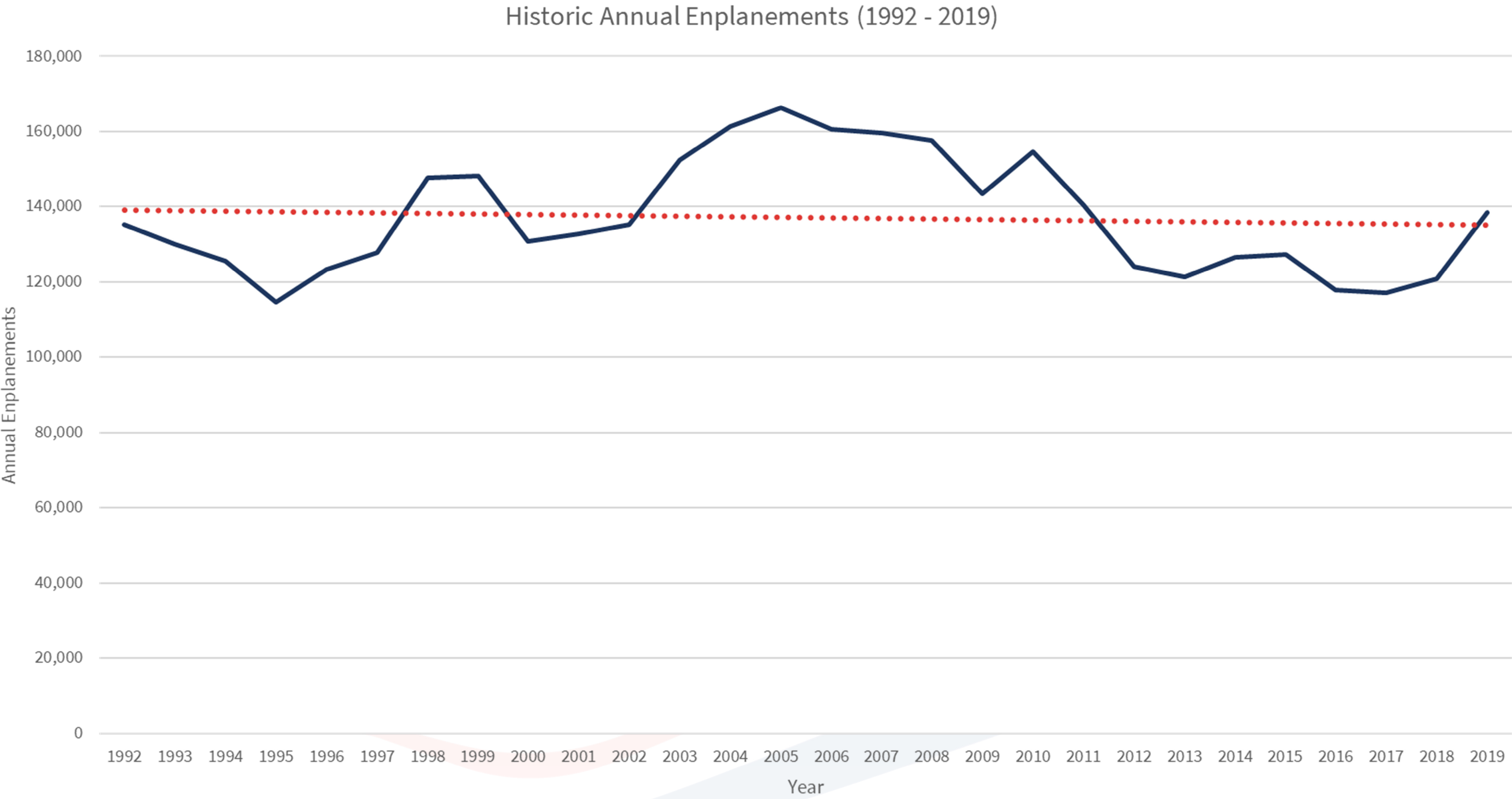


Comments from Public

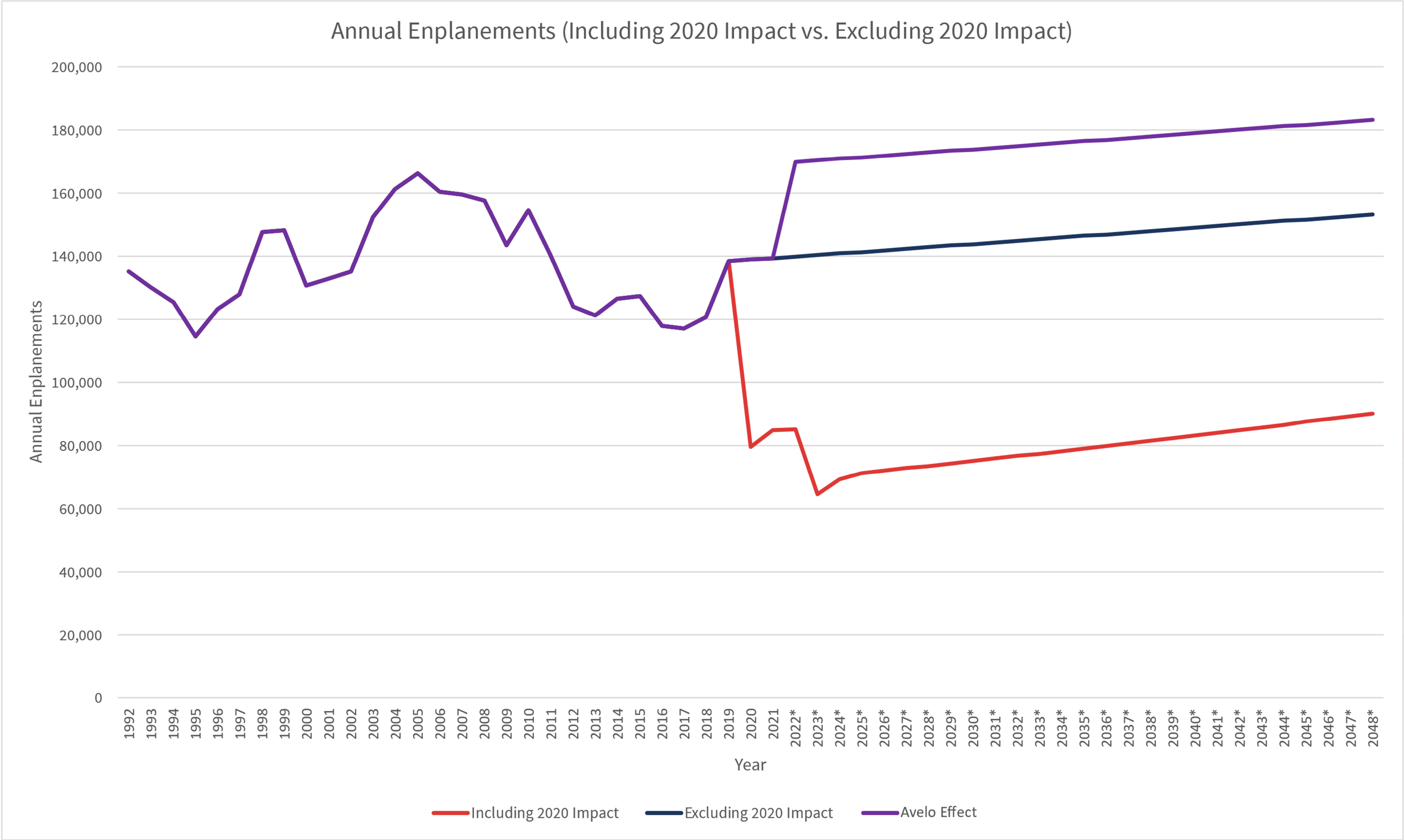
- **Consider appearance of hangars along Highway 153**
 - **Sewer/water/bathrooms in 50'x50' hangars**
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Passenger Terminal

Passenger Terminal Enplanements

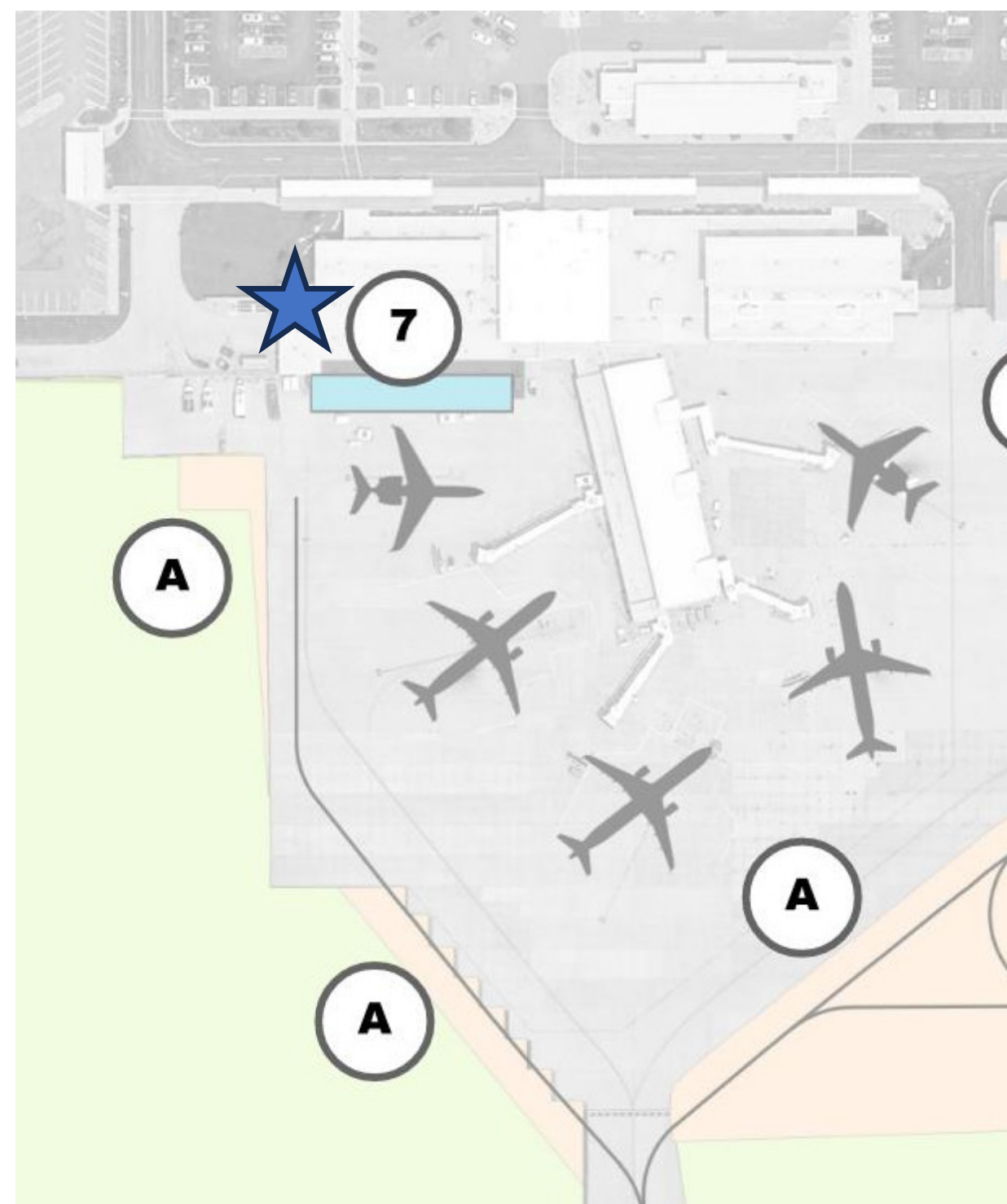


Passenger Terminal Enplanements



Passenger Terminal Baggage Expansion

- Small existing baggage room
- Upgauging aircraft in near future
- Baggage room expansion required to meet future needs



Comments from Public

- **Expansion design question**



Near-Term Implementation Plan

- **New Transient Hangar**
 - **New GA Terminal**
 - GA Apron Reconstruction
 - **Baggage Expansion**
 - **New SRE/OPS Facility**
 - **T-hangar Rehab**
 - **Air Carrier Apron Reconstruction/Reconfiguration**
 - Deicing Location
 - **GA Hangars**
- 

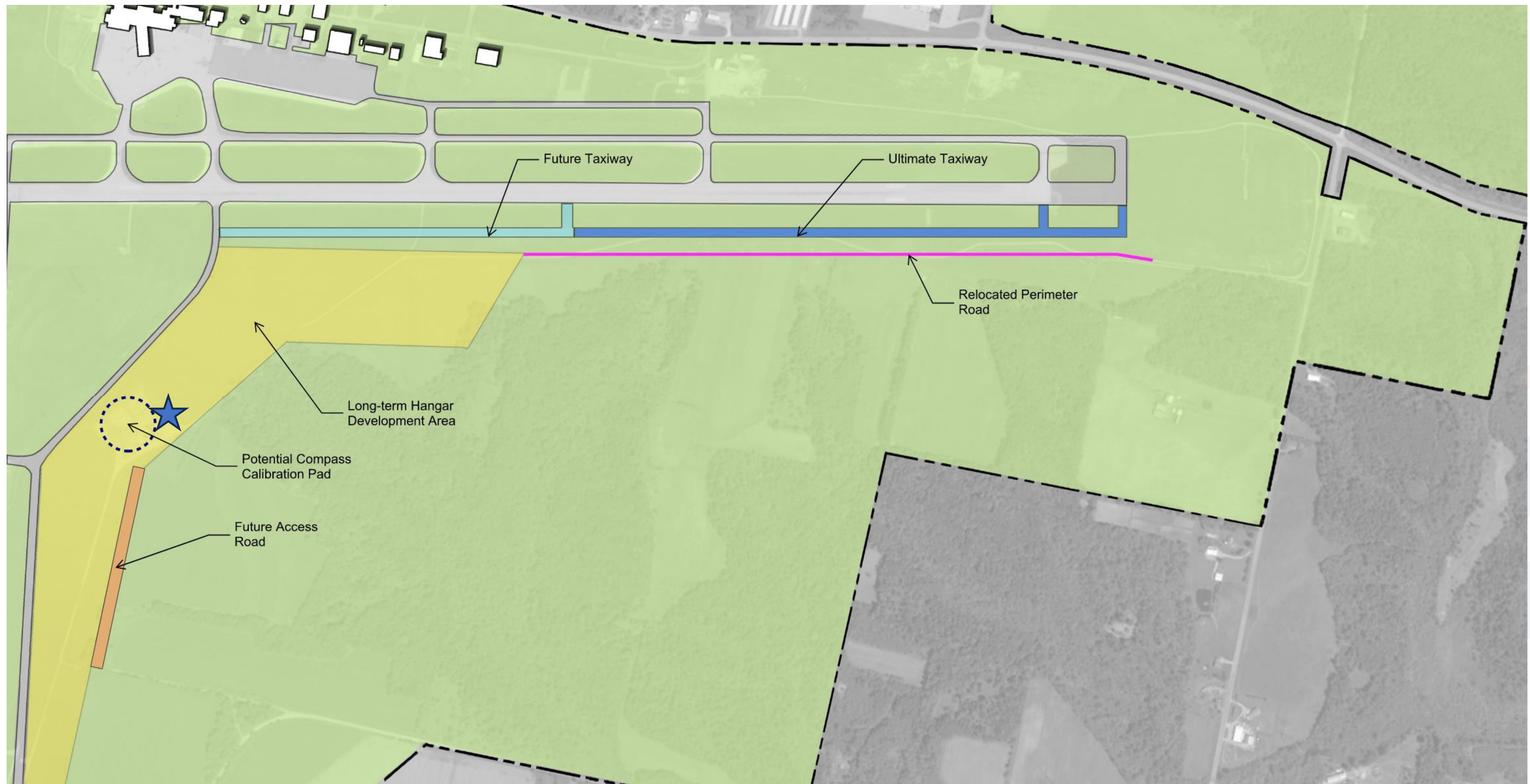
Mid-Term Development (East of Fuel Farm)

Mid-Term Concept



Long-Term Development (South of Runway 8/26)

Long-Term Concept



Comments from Public

- **Endeavor's existing hangar cannot fit tails of all their aircraft**
- **Potential for grass runway**




Sustainability

Sustainability

- **CWA aims to preserve and maintain the airport as an economic engine, responsible community partner, and a resilient resource.**
- **Goals:**
 - Maximize federal, state, and other funding opportunities
 - Increase revenue
 - Reduce operating expenses
 - Improve operational resilience and plan/build resilient facilities
 - Develop public awareness of sustainability measures
 - Implement practices the reduce energy usage
 - Incorporate electric vehicle planning

Next Steps

- **Board Action – August 8th**
 - **Complete ALP & submit to FAA – Q4 2023**
 - **ALP approval – Q1 2024**
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Recommended Board Action

- **Selection of Concept 3 as the preferred alternative for the CWA Terminal Area Master Plan**



Mead
& Hunt

Thank You!