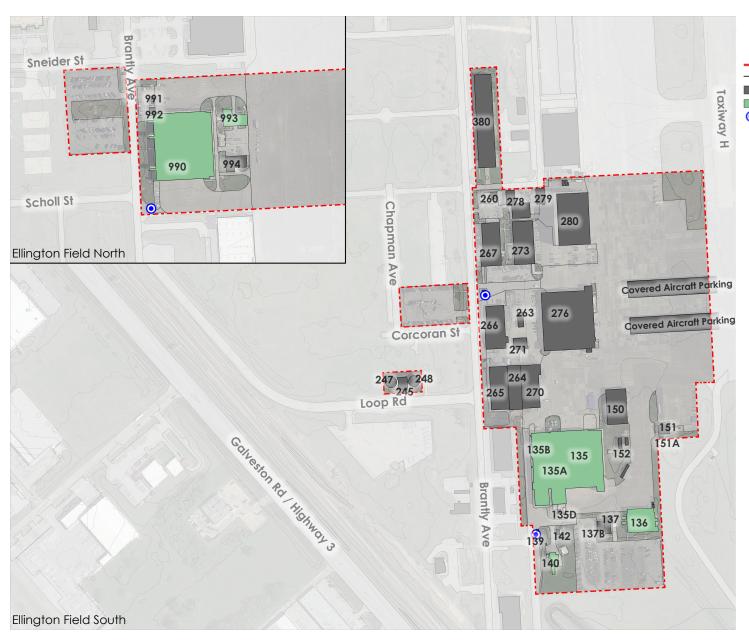
### APPENDIX A FIGURES

### NASA-ELLINGTON FIELD

# HISTORIC ASSESSMENT



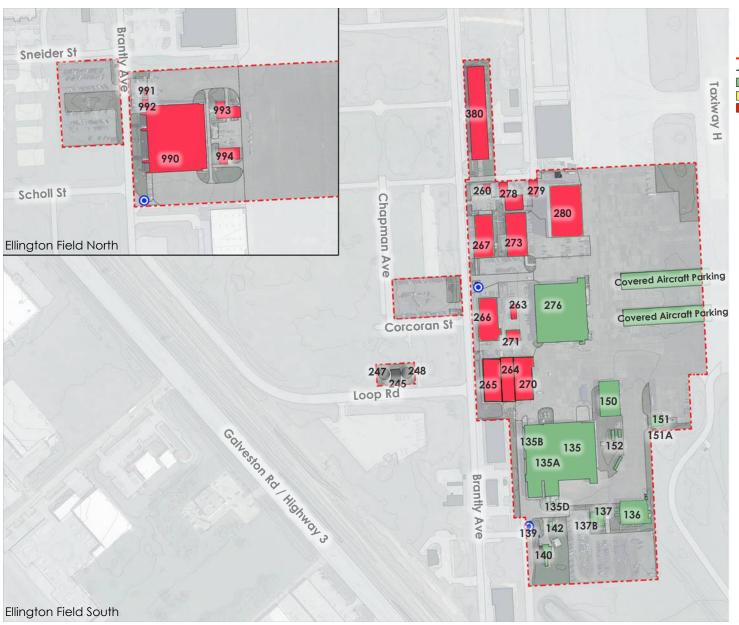
### JSC Ellington Field Historic Assessment

- Property BoundaryTopography 1'
- Existing Buildings
  Historic Eligible
- Existing Entry Point

Buildings that meet the National Register for Historic Places (NRHP) as historic eligible were identified.



# BUILDING DISPOSITION ASSESSMENT



### JSC Ellington Field Building Disposition Assessment

--- Property Boundary

Topography 1'Keep Building

May Keep Building

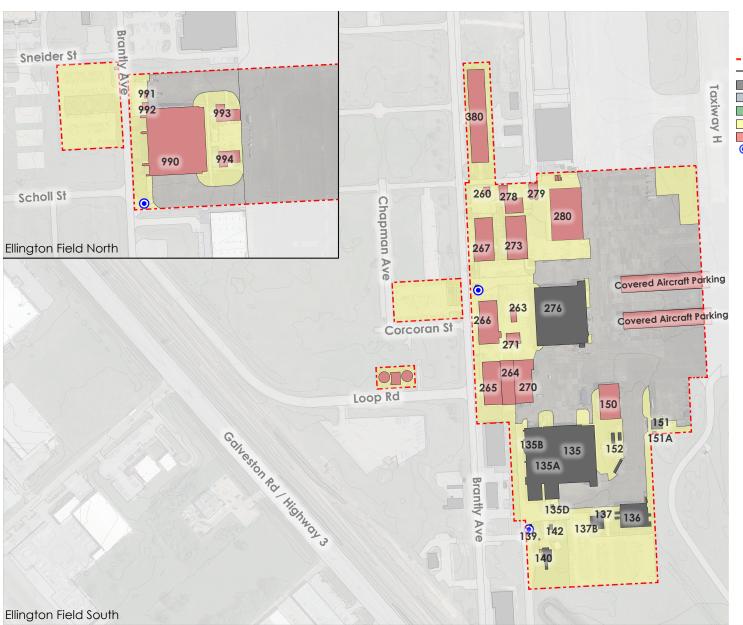
Do Not Keep Building

Existing Entry Point

Teams analyzed capabilities of building operations to be moved to other facilities. Based on this, members determined which buildings should be kept, possibly kept, or not kept. Green buildings should be kept to keep operations going. Yellow buildings could or could not be kept. Red buildings are to be divested or demolished.



## DEVELOPABLE AREA MAP



#### JSC Ellington Field Developable Area Map

--- Property Boundary
--- Topography 1'
--- Existing Buildings
--- Existing Pavement
--- Developable Area 1
--- Developable Area 2
--- Developable Area 3
--- Existing Entry Point

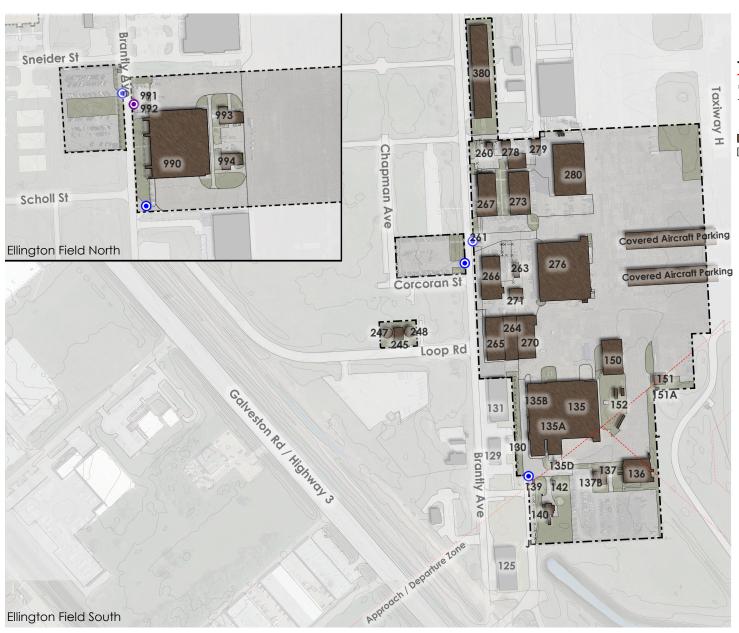
**Developable Area 1** is comprised of zones that are currently ready to be developed with little to no impact to the existing site. Considering only Developable Area 1 as sites primed for new construction represents the most conservative and feasible development approach. **Developable Area 2** is comprised of zones that are ready to be developed after minor mitigation. When added to the previous established Developable Area 1. this stage represents a moderately conservative approach to future development. Developable Area 3 is comprised of zones that are in need of significant alteration in order to be developed. Combined with earlier stages of developable areas, this stage illustrates the most aggressive approach to new development with respect to environmentally sensitive areas and steep topography.

Total Study Area: 31.7 acres
Total Developable Area 1: 0 acres
Total Developable Area 2: 16.87 acres
Total Developable Area 3: 2.54 acres

Total Development Potential: 19.41 acres Percent of Study Area: 61.23%



# EXISTING CONDITIONS

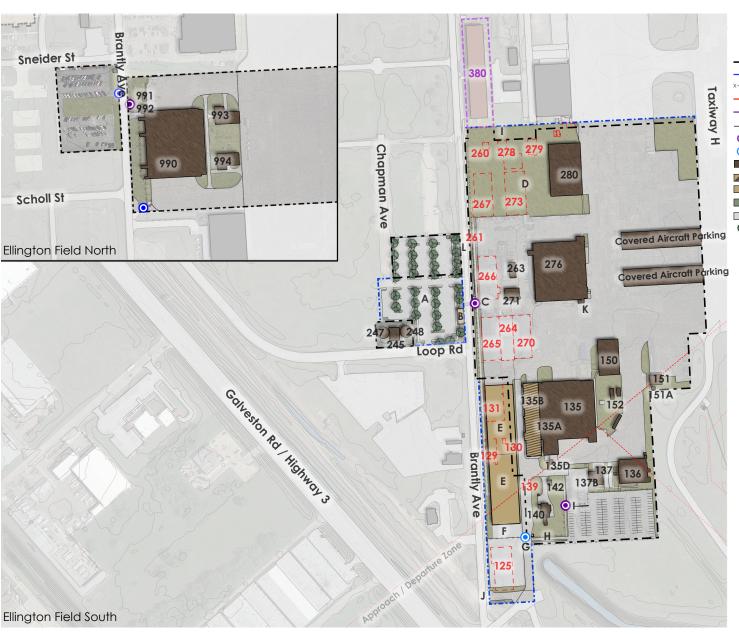


### JSC Ellington Field Existing Conditions

- --- Existing Property Boundary
- ---- Approach/ Departure Zone
- Existing FencelineTopography 1'
- Pedestrian Entry
- Vehicle Entry
- Existing Facility
- Pavement



# **EF SHORT-TERM PLAN**



#### JSC Ellington Field Short-Term Plan (0-10 Years)

- --- Existing Property Boundary
- Proposed Property Boundary
- Y-X-X Proposed Fenceline
- -- Demolished Building
- -- Divested Building
- Topography 1'
- Proposed Pedestrian Entry
- Proposed Vehicle Entry
- Existing Building
- Renovated Building
- Proposed Building
- Quad
- Pavement
- Proposed Tree
- A Car Park Expansion: 159 Spaces
- **B** Notional Vendor Space: 1,200sf (1 flr)
- C Relocate Fenceline With Turnstyle Pedestrian Gate
- **D** Prepare For Future Development
- **E** Consolidated Highbay Warehouse With 2<sup>nd</sup> Story Admin: 75,000sf Total
- F Delivery & Loading Docks
- **G** Vehicle Entry Gate
- **H** New Parking Entry
- I Relocate Fenceline With Turnstyle Pedestrian Gate
- J Upgrade Brantly Ave
- K Demolish Weather Radar Dome Antenna

Renovated Facilities (Energy Efficiency): 135B Divested Facilities: 380

**Demolished Facilities:** 139, 260, 261, 264, 265, 266, 267, 270, 273, 278, 279, Weather Radar

Dome Antenna

**Demolished Facilities Outside Existing** 

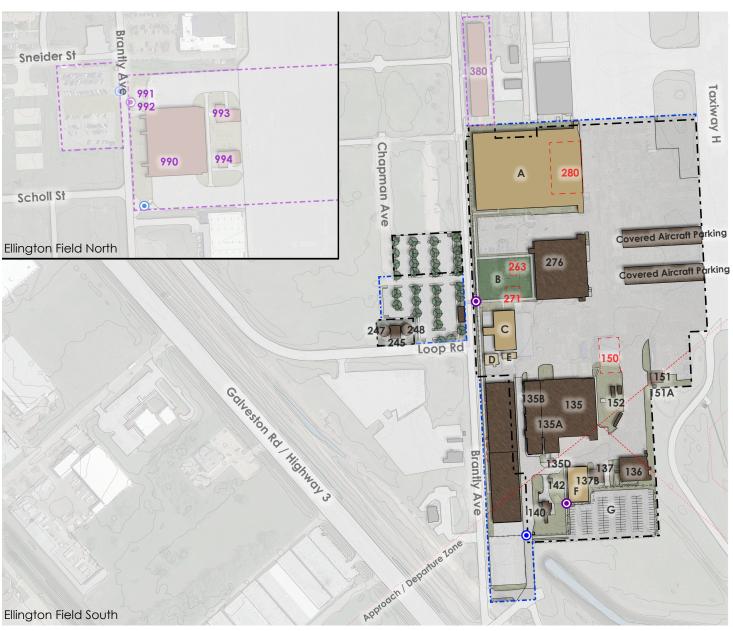
**Property:** 125, 129, 130, 131

Total Demolished Area: 53,000 sf

Note: sf represents total building square feet



## **EF LONG-TERM PLAN**



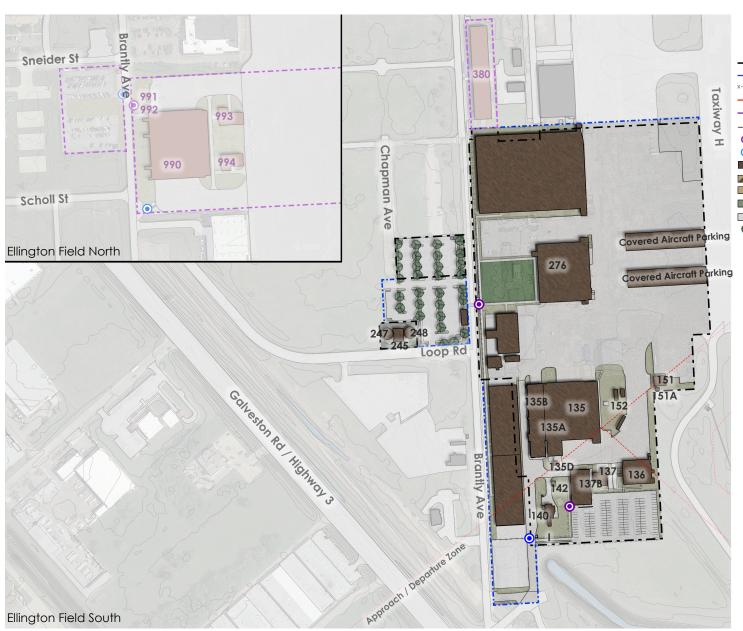
#### JSC Ellington Field Long-Term Plan (11-20 Years)

- --- Existing Property Boundary
- -- Proposed Property Boundary
- x-x-x Proposed Fenceline
- -- Demolished Building
- -- Divested Building
- Topography 1'
- Proposed Pedestrian Entry
- Proposed Vehicle Entry
- Existing Building
- Renovated Building
- Proposed Building
- Quad
- Pavement
- Proposed Tree
- A Construct Consolidated Hangar: 107,000 sf
- **B** Quad Construction
- C Construct Aircraft Washrack: 12,000 sf
- D Construct Egress Shop: 2,000 sf
- **E** Construct Supplies and Equipment Shed: 1,000 sf
- **F** Construct Fuel Cell Support Facility: 9,000 sf
- **G** Upgrade Car Park: 132 Spaces

**Divested Facilities:** 990, 991, 992, 993, 994 **Demolished Facilities:** 150, 263, 271, 280 Total Demolished Area: 31,400 sf



# EF CAPACITY PLAN



### JSC Ellington Field Capacity Plan (21+ Years)

- --- Existing Property Boundary
- -- Proposed Property Boundary
- x-x-x Proposed Fenceline
- -- Demolished Building
- -- Divested Building
- Topography 1'
- Proposed Pedestrian Entry
- Proposed Vehicle Entry
- Existing Building
- Renovated Building
  Proposed Building
- Quad
- Pavement
- Proposed Tree

