



Tyndall AFB Recovery Planning Review

SAME Jacksonville Post August Luncheon

Recovery Plan Review

August 18, 2021

AGENDA



An F-35A Lightning II aircraft from Hill Air Force Base, Utah, takes off from the base, Aug. 7, 2017. (U.S. Air Force photo/Paul Holcomb – Source: U.S. Air Force website.)

1 Hurricane Michael Impacts

2 Scope

3 Existing Conditions

4 Planning Guidance

5 Planning Constraints

6 Planning Highlights

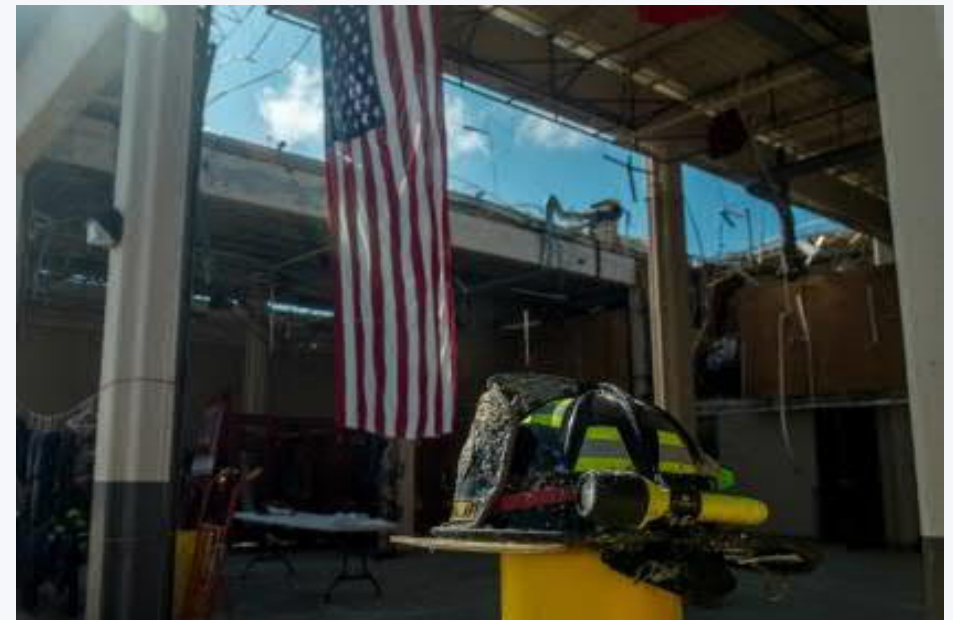


Impacts from Hurricane Michael

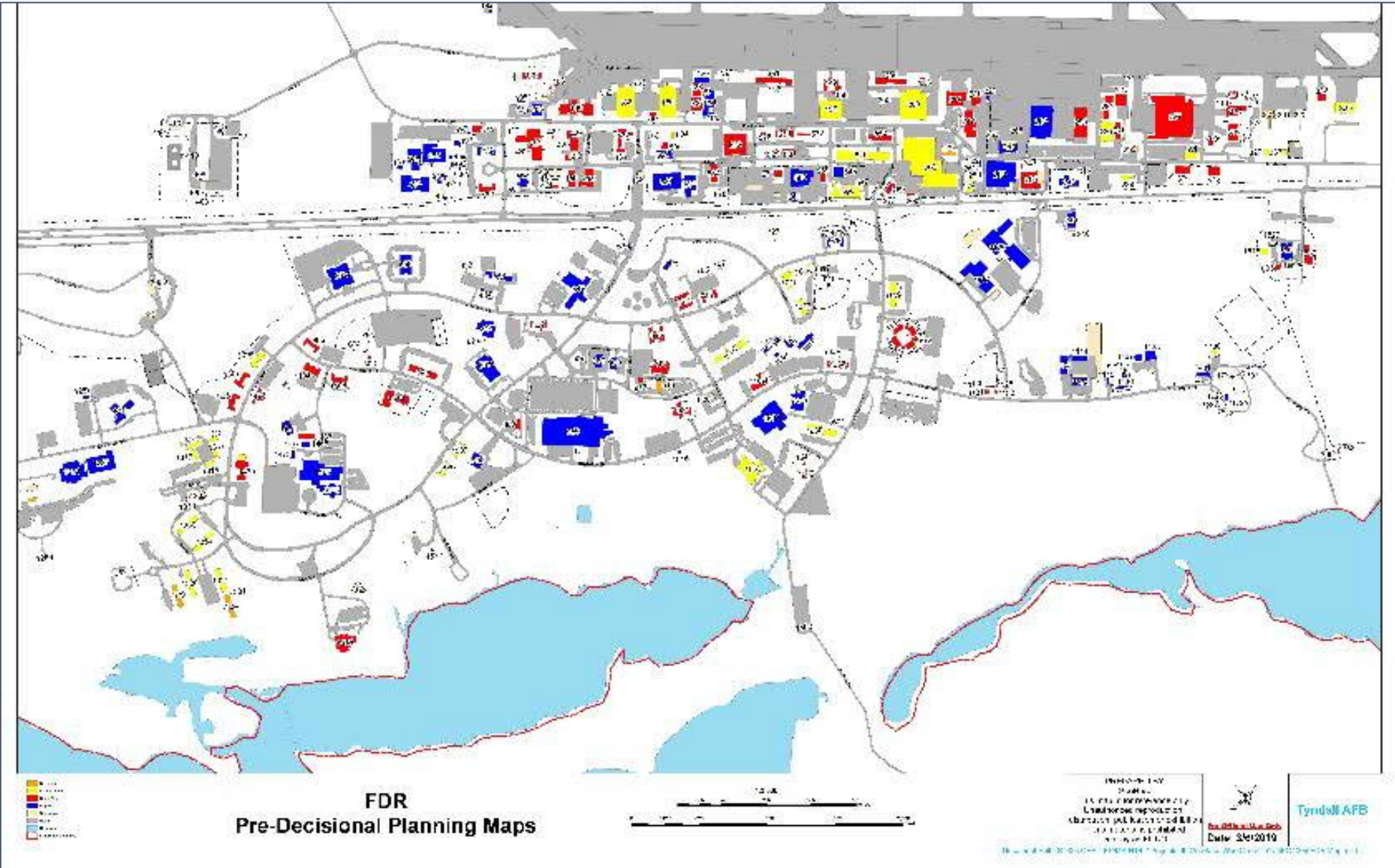
<https://www.youtube.com/watch?v=Bf10uPYYux8>
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Scope

- Develop an immediate program for reconstruction efforts
- Create a longer-term development plan for Tyndall AFB based on the potential arrival of new mission sets
- Build on existing assessments and way forward
- Validate the Commander's Intent and Mission Vision for Tyndall AFB
- Stakeholder Interviews
- Facilitated Charrettes
 - 9700 AFCEC R&D Relocation
 - Flightline District
 - Support District
- Analysis of Alternatives
- Update Installation Development Plan



Existing Condition: Facility Disposition Map (March 2019)



Planning Guidance:

Planning Objectives

Develop facilities with improved function, resiliency, and efficiency:

1. Locate facilities where usage will be maximized.
2. Consolidate functionally compatible missions when possible.
3. Reuse/recapitalize existing facilities when reasonably feasible.
4. Develop flexible facilities that are “right-sized” for current requirements, but are expandable.
5. Identify and reserve capacity for future development.
6. Relocate non-airfield uses out of the Flightline District and to the Support District.

Reduce the future threat to base facilities and infrastructure due to storm events:

1. Relocate facilities that are threatened by storm surge (within Category 5 hurricane storm surge zones, where possible).
2. No new construction to be planned in areas lower than 17 feet above mean sea level.
3. Consider orientation and design of facilities to minimize impacts from storm activity.

Planning Guidance:

Improve Physical Safety:

1. Incorporate current Anti-terrorism/Force Protection guidance into planning actions and design.
2. Construct UFC-compliant entry control facilities to create safer circulation at Highway 98 intersections, and improve force protection.
3. Add perimeter fencing where missing to improve security.

Improve Walkability:

1. Reduce the overall footprint by consolidating functionally compatible uses or co-locating allied functions in physically adjacent facilities.
2. Co-locate retail and support services into a single, walkable “one-stop” area.
3. Co-locate and condense flying missions into compact and efficient mission campuses.

Improve Circulation and Traffic Safety:

1. Improve the internal vehicle circulation network to improve traffic flow and increase traffic safety.
2. Enhance the pedestrian circulation by developing a connected network that includes sidewalks, bike paths, and walking/jogging trails.
3. Minimize truck traffic by co-locating industrial and commercial uses, and by designating preferred truck travel routes.
4. Include food options and daily needs on the Flightline to reduce reliance on vehicle travel.

Planning Constraints:

Funding:

1. Objectives impacted by cost limitations and funding decisions
2. New pavements (runways/taxiways) in the airfield are not considered as a high priority
3. Priority placed on repair and reuse of existing facilities versus new construction
4. Separate organizational project funding impacting consolidation

Siting:

1. Storm threat mitigation measures impact land developability
2. Decisions to keep existing facilities in poor locations impact optimization of new campus development
3. Proximity to State Highway, encroachment

Operational Constraints:

1. Airfield-related development constraints
2. Installation Restoration sites
3. Existing facilities that will remain

Natural:

1. Land unsuitable for development in some areas of the base.

Timing:

- 8 1. Timing/cost of environmental review process and mitigation for some proposed projects

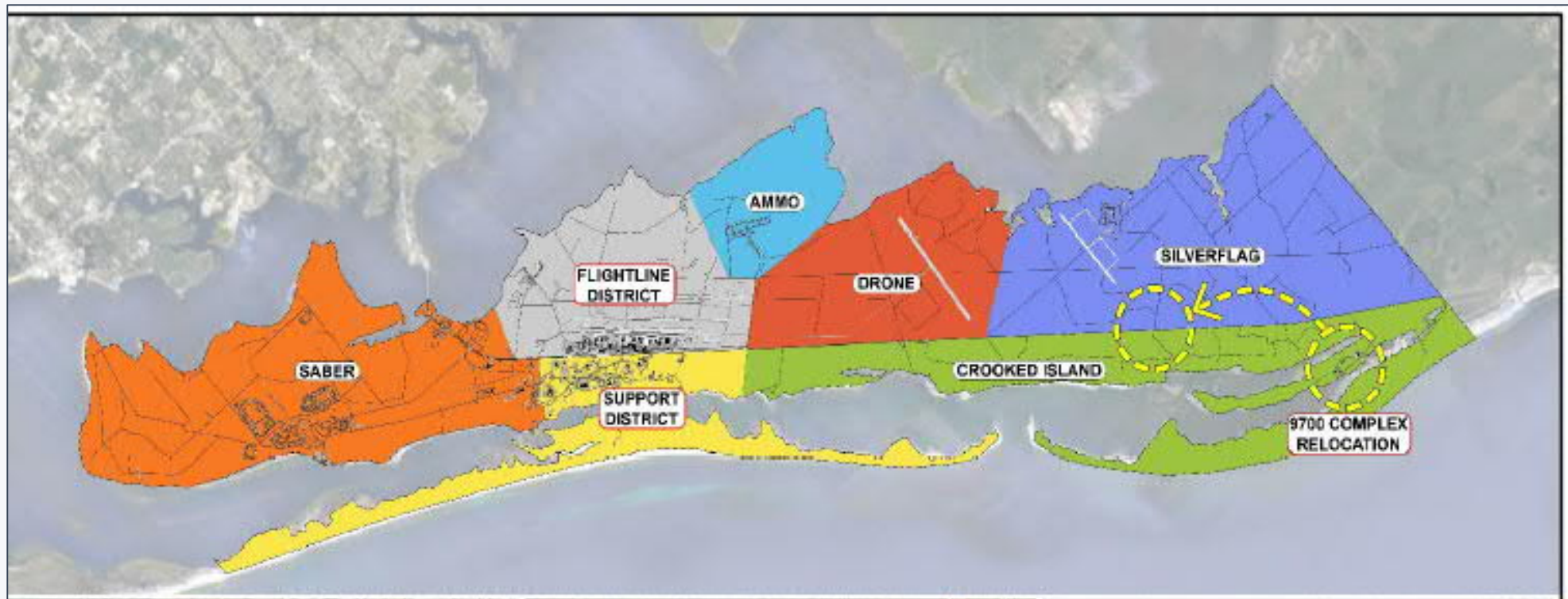
Planning Meetings



Planning Highlights

Discuss examples on how the Planning Objectives were achieved

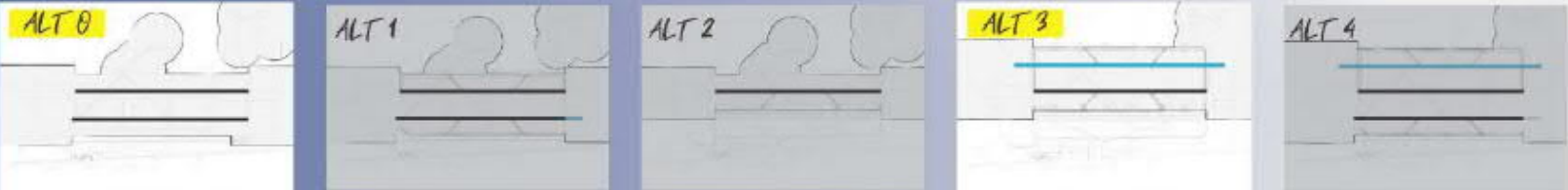
- Flightline District
- Support District
- 9700 Area



Flightline District Alternatives

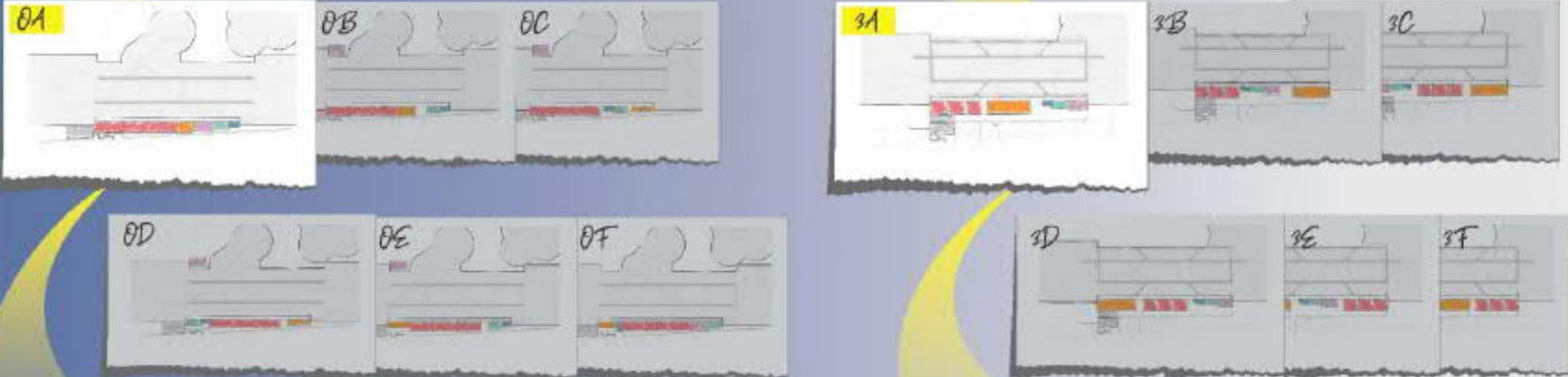
ROUND 1

Airfield Configuration Exercise



ROUND 2

Land Use Requirement and Configuration Exercise



ROUND 3

Alternatives Analysis

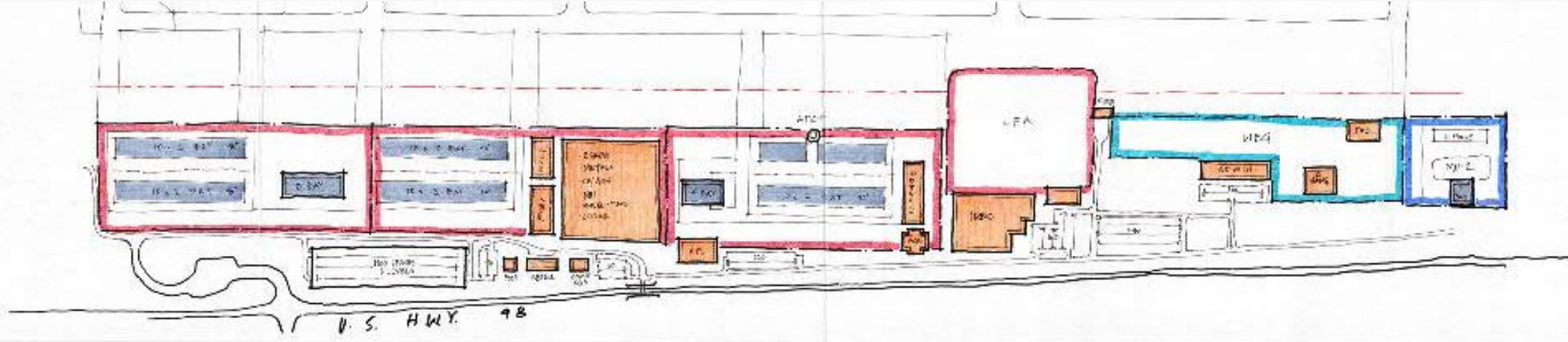


ROUND 4

Final Selection



Flightline District Development

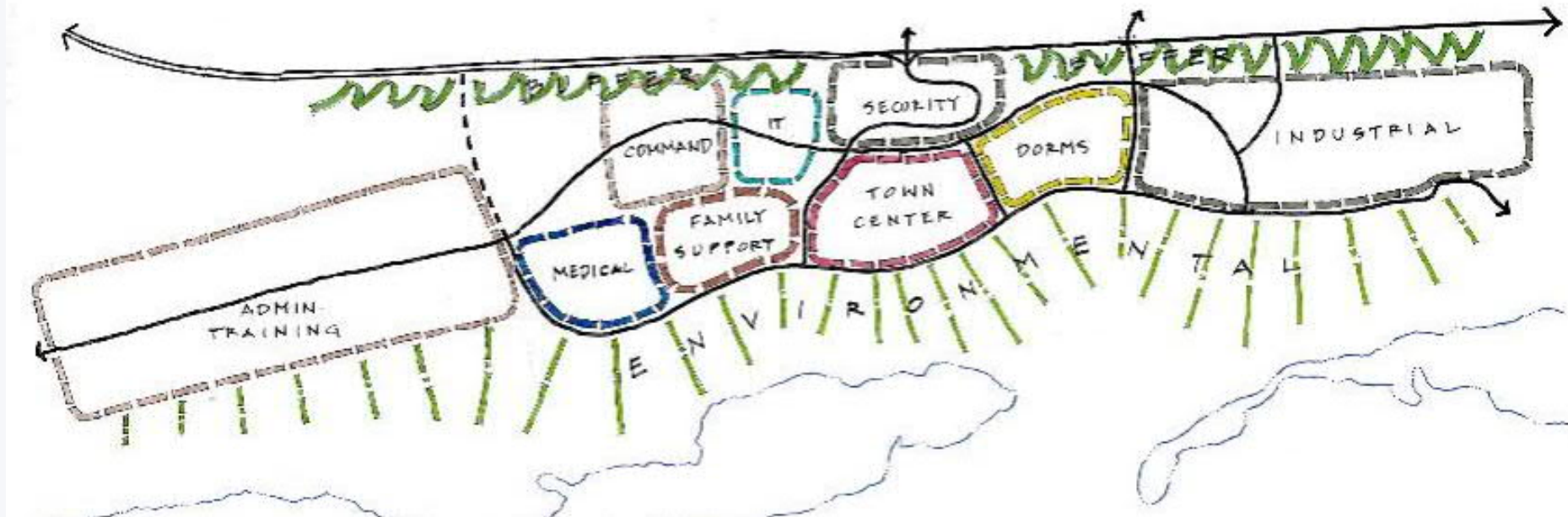
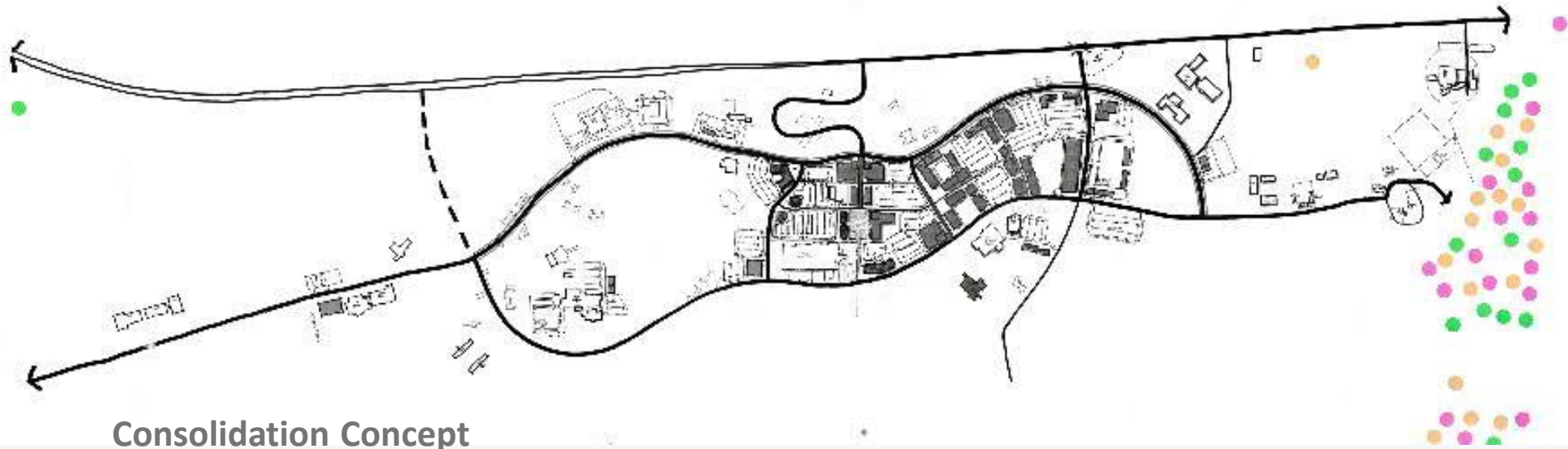


Consolidation Concept



Final Concept

Support District Development



Support District Development



Zone-based Concept



Final Concept

9700 Area Complex





Questions

