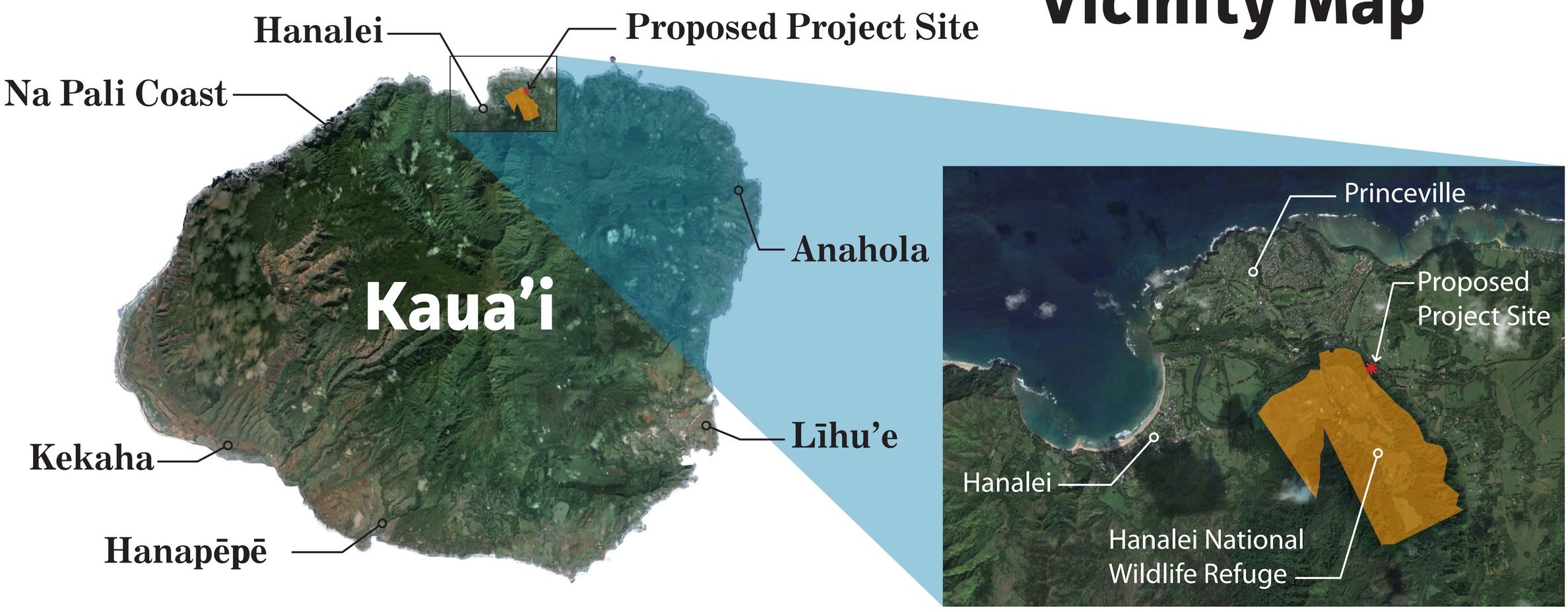
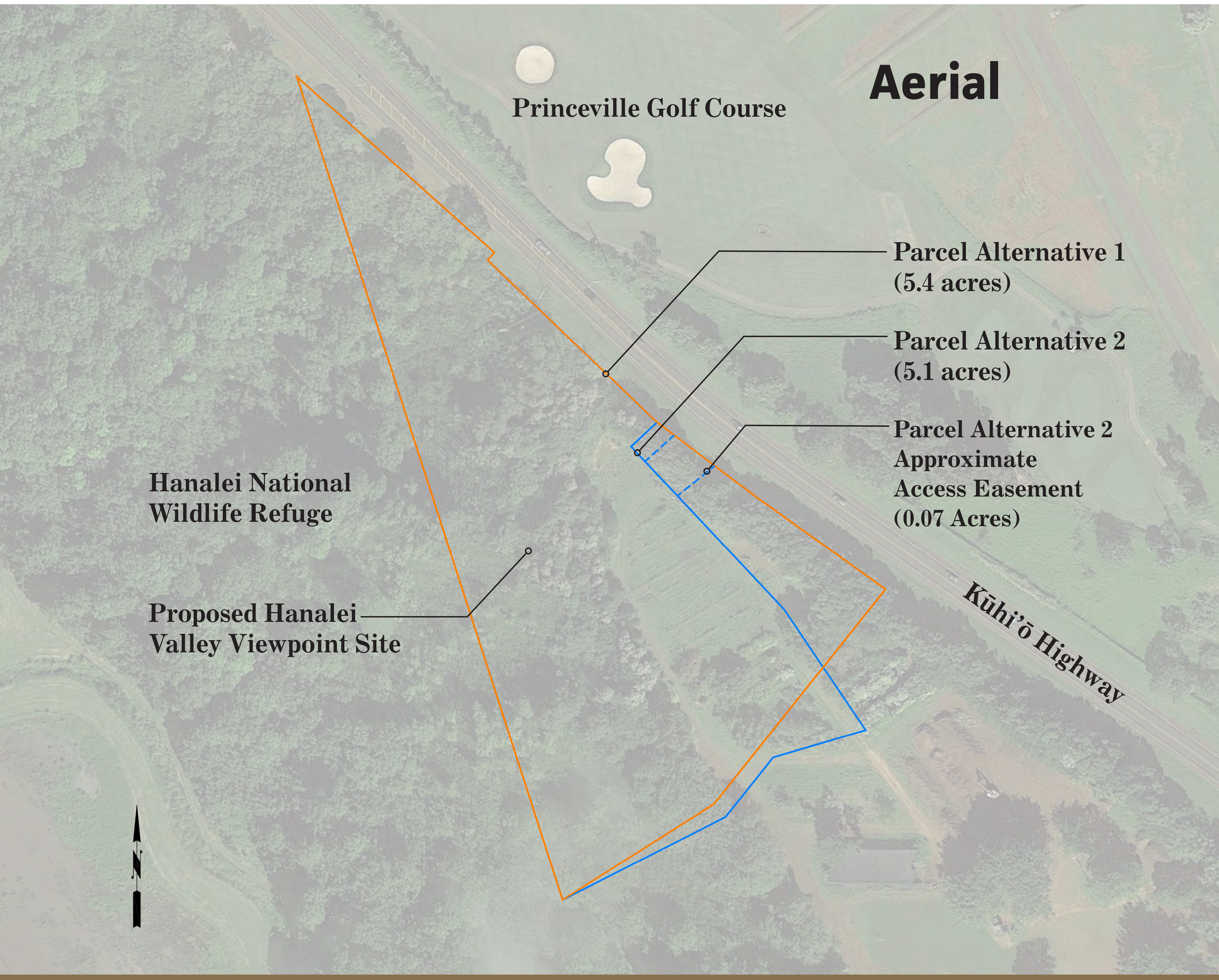
Overview

Hanalei Valley Viewpoint Feasibility Study

Vicinity Map



Aerial



Site Photographs

Hanalei Valley Viewpoint Feasibility Study

Site Program

Hanalei Valley Viewpoint Feasibility Study

Project Goals:

- Partner with other agencies and stakeholders to help improve traffic congestion on the North Shore.
- Optimize parking and transit capacity to respond to community needs.
- Provide wildlife-dependent recreation opportunities at Hanalei NWR, including interpretation and education.
- Complete a sustainable project that is cost-effective to construct and maintain.
- Provide site improvements consistent with the USFWS Roadway Design Guidelines.
- Consider safety and security for adjacent private property owners and visitors to the site.
- Work closely with project partners to achieve mutually beneficial outcomes.
- Cultivate community support for the project.
- Protect adjacent sensitive NWR habitat.
- Design site to serve as a gateway to the Hanalei NWR and Hanalei Town, with respect to the culture of the North Shore.

Program Elements for Inclusion:

- Welcome and orientation area
- Visitor contact area/structure
- Interpretive and educational displays
- Viewpoints to the Hanalei Valley
- Restrooms
- Consider low impact lighting
- Safe site access
- Universal accessibility
- Transit amenities, such as covered waiting with signage and wayfinding
- Transit loading, parking, and circulation
- Vehicle parking
- Accommodate short-term parking for tour bus
- Low Impact Development stormwater management on site
- Screening and buffering from adjacent land uses
- Pedestrian and bike connections to NWR and Princeville
- Minimal visual impacts to community

Roadway Design Guidelines

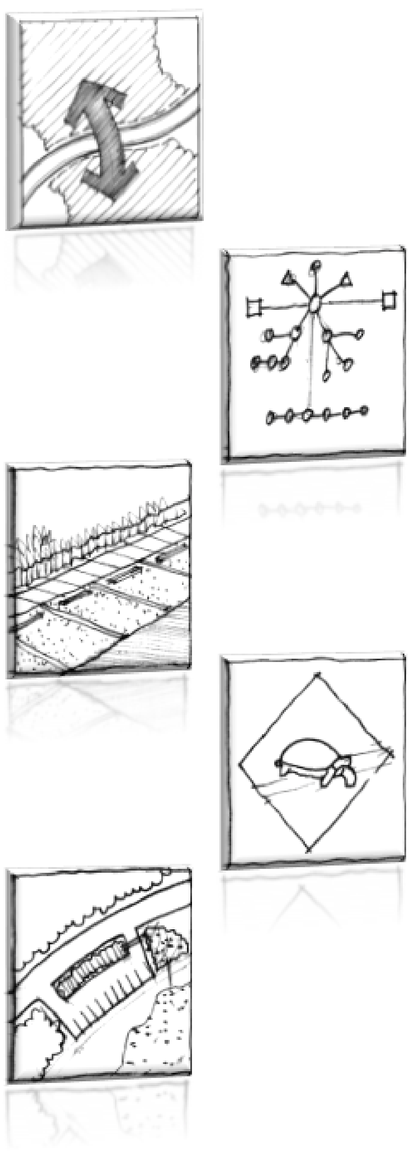
Hanalei Valley Viewpoint Feasibility Study

The U.S. Fish & Wildlife Service (FWS) is in a unique position to demonstrate the land ethic so deeply interwoven in the rich fabric of our heritage. The Roadway Design Guidelines highlight ecological, planning, design, and engineering considerations for roadway projects that heed both the significant benefits and impacts these projects present.

Roadway projects on FWS-managed lands should conform to planning and design criteria that have been established to support the FWS mission.

The Roadway Design Guidelines **are a tool intended to facilitate dialogue and decision-making among project teams. These guidelines are summarized in a project checklist.**

The Roadway Design Guidelines includes 30 individual project planning and design standards, organized around 6 major themes.



LE – Landscape Ecology

PC – Planning Context

DE – Design and Engineering

OP – Organism Passage

SM – Stormwater Management

VE – Visitor Experience

Project Checklist

LE – Landscape Ecology

- ☐ LE-1 Improve habitat connectivity
- ☐ LE-2 Reduce impacts to wildlife and habitat
- ☐ LE-3 Understand hydrologic processes of regional landscape
- ☐ LE-4 Respond to intrinsic qualities of regional landscape
- ☐ LE-5 Address climate change

PC – Planning Context

- ☐ PC-1 Review relevant planning, policy and regulatory information
- ☐ PC-2 Define level of service for the project
- ☐ PC-3 Evaluate multiple siting and alignment alternatives
- ☐ PC-4 Assess full costs and impacts of transportation system
- ☐ PC-5 Communicate with team and stakeholders

DE – Design and Engineering

- ☐ DE-1 Preserve and restore native vegetation and other natural resources
- ☐ DE-2 Consider and plan for invasive species management
- ☐ DE-3 Minimize cut and fill to fit with existing landscape
- ☐ DE-4 Consider road geometries for lower speeds, safety and alertness
- ☐ DE-5 Consider construction impacts and best practices
- ☐ DE-6 Consider range and sources of materials for sustainable construction
- ☐ DE-7 Consider maintenance

OP – Organism Passage

- ☐ OP-1 Develop your corridor plan for crossing
- ☐ OP-2 Provide and enhance aquatic organism crossings
- ☐ OP-3 Provide and enhance terrestrial wildlife crossings
- ☐ OP-4 Evaluate the need for wildlife fencing and other guiding features
- ☐ OP-5 Consider warning and safety systems for drivers

SM – Stormwater Management

- ☐ SM-1 Buffer habitat from polluted runoff
- ☐ SM-2 Protect habitat from erosive flows and flooding
- ☐ SM-3 Monitor and maintain stormwater facilities
- ☐ SM-4 Promote stewardship of aquatic resources

VE – Visitor Experience

- ☐ VE-1 Preserve and highlight scenic value
- ☐ VE-2 Promote and facilitate multiple modes of transportation
- ☐ VE-3 Comply with accessibility standards and guidelines
- ☐ VE-4 Facilitate compatible wildlife dependent recreation and education

Comments

Feasibility Study Process

Hanalei Valley Viewpoint Feasibility Study

Analyze Site & Hold Design Workshop January 12th & 13th, 2016 with Local and Public Agencies

Develop Four Schematic Concepts

Hold Public Meeting to Review Four Schematic Concepts

Develop Report, Cost Estimates, & Final Concept

Final Concept & Feasibility Report