



The core concept of this conceptual analysis model begins to embrace the abstract interwoven sections that connect the SARI site to the St. Croix Island. It was mentioned by Dr. Hofer that the SARI boundary had taken over the rest of the map. This initiated the translation of this comment into a metaphorical statement of weaving the several fabrics of St. Croix. In translating this comment, I chose to embrace and explore the possibility of the site boundary becoming permeable, allowing for island wide connections back to the SARI site as well as the locals and tourists of the island. This abstract weaving strengthens the analysis and makes new connections that were not previously visible. This model is a generative tool for formulating conceptual meanings that will be applied to the site.

The diagrams that have evolved from the conceptual analysis model begin to formulate a spatial image. The diagrams explore several scales at which may be appropriate for the site. Within the larger scaled image, the pieces allow for an intervention between the sequential experience and the landscape surrounding you. The various site initiatives blend together in fragments that as a whole provide for a sequential experience involving various landscape programs within the site. Some of the connections are spatial and visible, whereas some of the connections are an experiential and invisible.

EDUCATIONAL OUTREACH

The Salt River Bay site is to be an outlet for education and outreach to the islanders, regional and global tourists, geo-tourists and to students. As a whole, St. Croix's ecology and history are primary assets to the island. The SARI site provides a location on the island to begin an educational exploration within the landscape as an ecological system as well as a place, defined by Lucy Lippard. The site is to be weaved in, conceptually, to St. Croix and vice versa. It is important to provide a program that is directed towards the diverse people arriving on the site.

Upon Arrival to the National Park, the visitor enters via the historic road that leads to the Marine Research and Education Center. The gateway to the parking lot is framed by a cantilever building that serves as the main building for the campus. Within the area, there are three other buildings that encompass dormitories, a museum and archaeology school, and a building that serves as an informative station for the islanders, students and tourists. Surrounding the structural buildings, are two educational nodes. The primary node north of the campus serves as a rainwater harvesting node as well as an abstract slave memorial. Connecting the campus to the nodes are pathways on the landscape as well skywalks that emphasize the topography on the site. The building rooftops serve as landings that incorporate a green roof, which serves as additional recreational spaces. There is a trail system that connects the campus to the rest of the MREC site. South of the campus, there is a wet lab station that connects to a proposed kayak node with a launch deck.

Connecting the campus site to the rest of Salt River Bay, there is a trail system, which is dictated by the existing terrestrial and benthic landscapes. Travelling south of the wet lab, you will encounter the mangroves that lie within the drainage fingers on the site. There is a proposed boardwalk that travels through the mangroves and allows the visitor to be educated about the mangrove system that is essential to the site. Where it is needed, there will be a proposed program that will initiate the restoration of the mangroves. Continuing along the path, the visitor will encounter a node dedicated to perma-culture. There is a proposed demonstration site located behind the node that will educate the visitor about the process of perma-culture. Continuing to the west, there is a proposed second shuttle station that connects to the historic road. A trail system also connects to the Danish Well Tower, and a shuttle station that is linked to route 75. Near by there will also be another boardwalk that spans over the larger drainage finger. Incorporated around the boardwalk, there will be another opportunity for restoration of the mangroves. Travelling north on the west side of the site, the visitor encounters another node that is placed strategically because of the attractive views. Continuing along the trail system, there will be another shuttle station near by

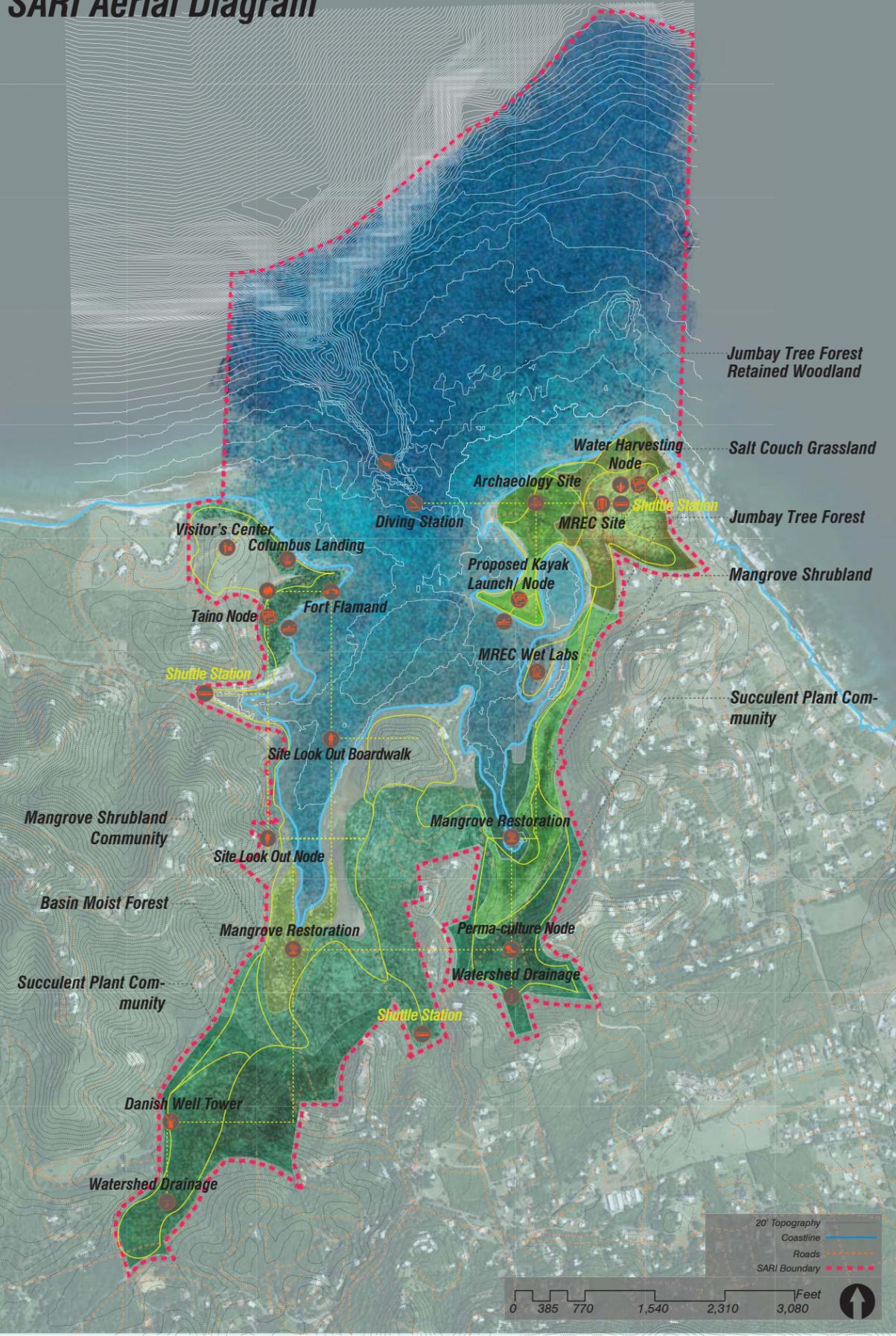
the marina where it is active. The trail system links the Taino node and the historic Taino ball court, the Columbus Landing Beach as well as Fort Flamand, all which are surrounding the existing Visitor's Center.

The vegetation process will begin to abolish the invasive African guinea grass that will be harvested for generating compost used for perma-culture on site. Near the archaeology site, the jumbay tree forest will be a retained woodland area. Near the drainage fingers, there is a proposed area for mangrove restoration.

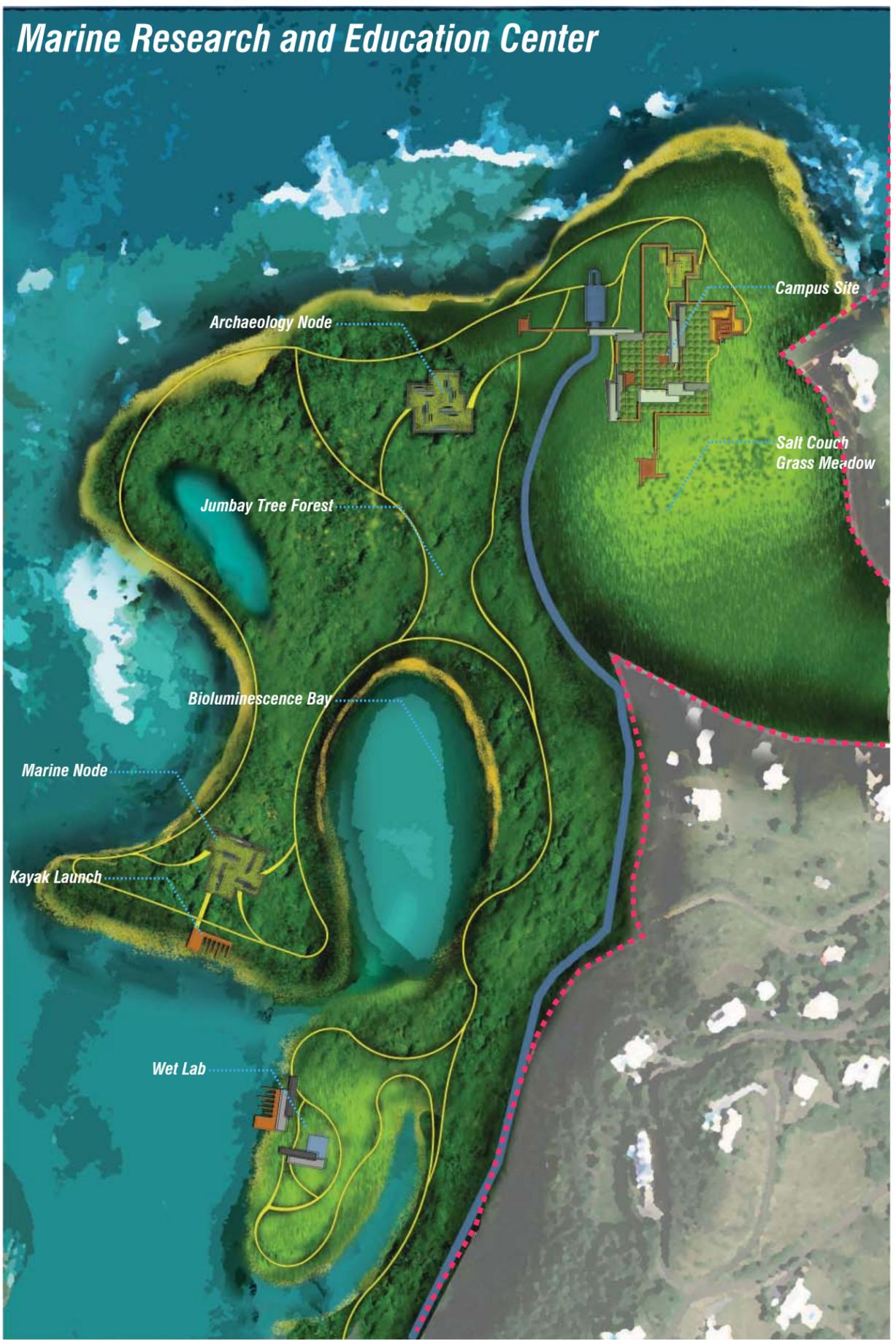
Directly behind this area, there is an exploration for utilizing succulent plantings to help slow, sink and spread the water. In between the succulent and mangrove plantings, there is a proposed area for a basin moist forest. Near the visitors center, there will be a salt couch grass and sea grape meadow. These plantings, all of which are native to St. Croix, will begin to unravel the story behind Salt River Bay.

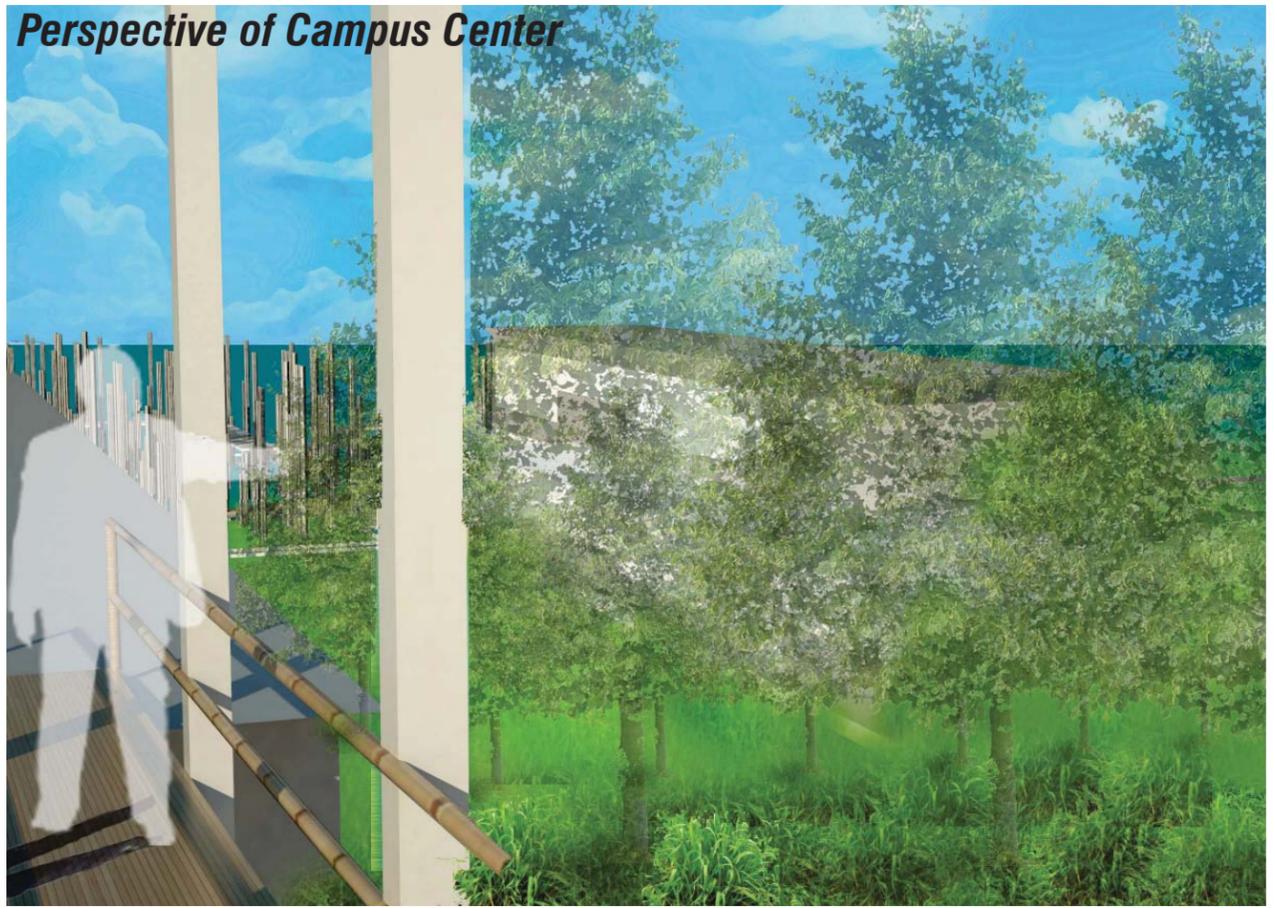
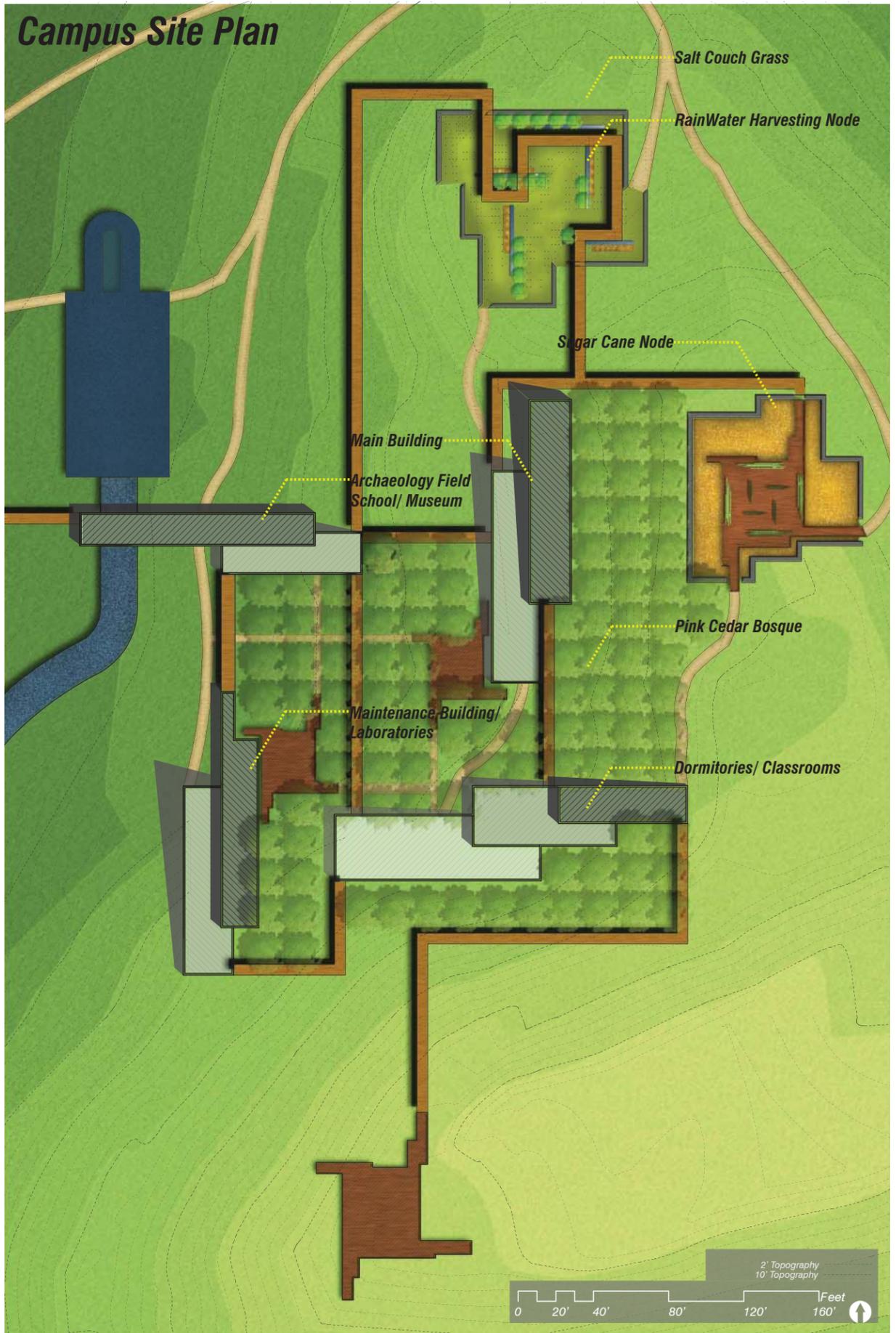
The transformation from the site today, to a future site with a program directed primarily towards educating the islanders, tourists and students. The site is a demonstration hybrid that incorporates education and tourism on the site. The lush history, ecology and program on the site will assist in attracting many more tourists, islanders and students to Salt River Bay and in turn educate them about the various points of interest in St. Croix as a whole. This will act as the woven landscape through Salt River Bay and back to St. Croix.

SARI Aerial Diagram

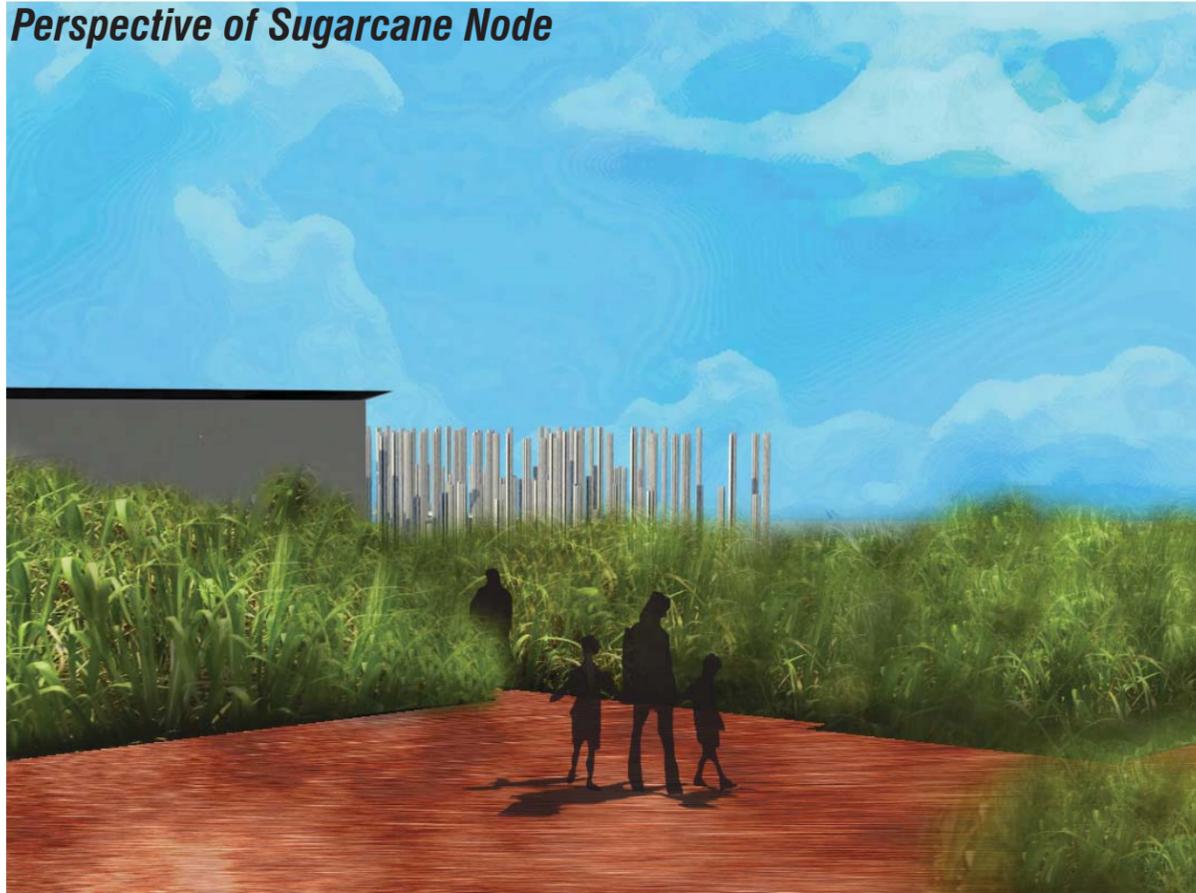


Marine Research and Education Center

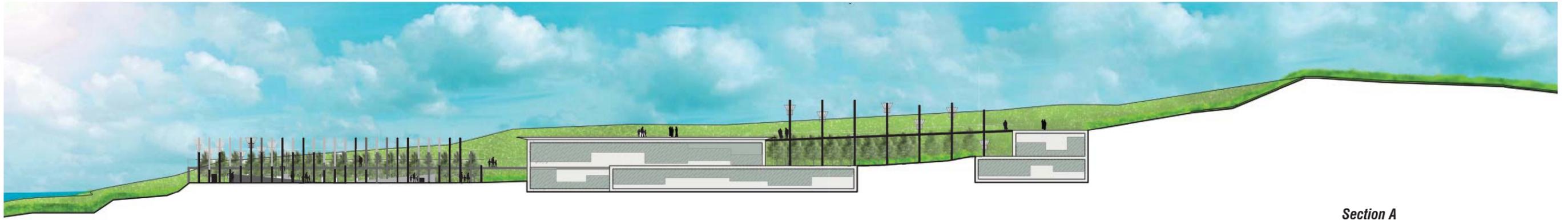




Perspective of Sugarcane Node



Perspective of Wet Lab



Section A

Scale = 1:10
0 10' 20' 40' 80' 120'
Feet

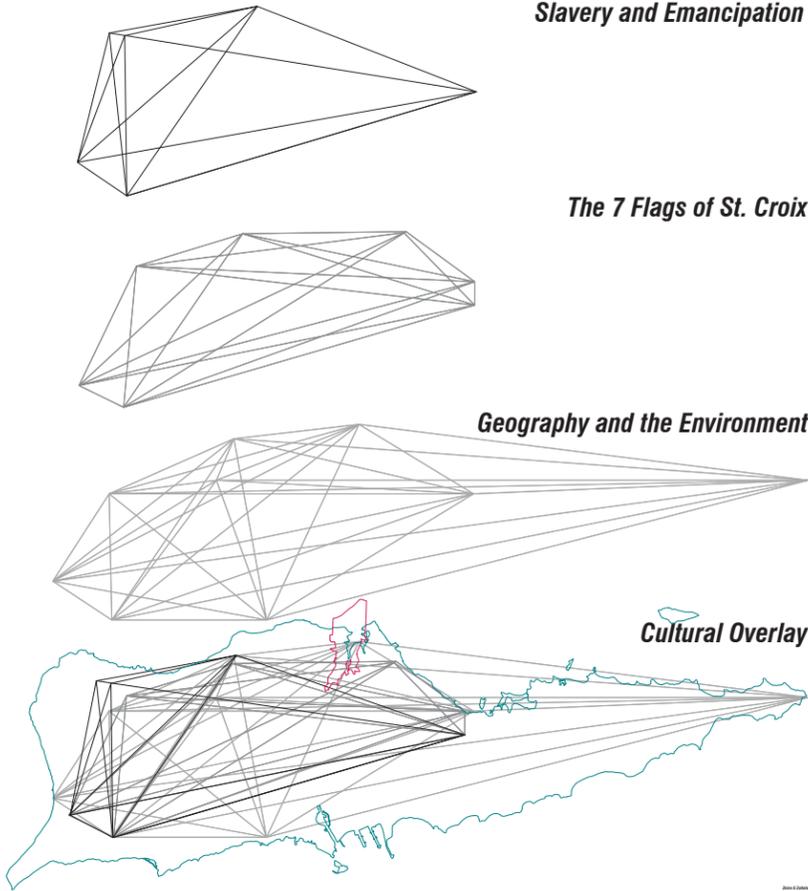
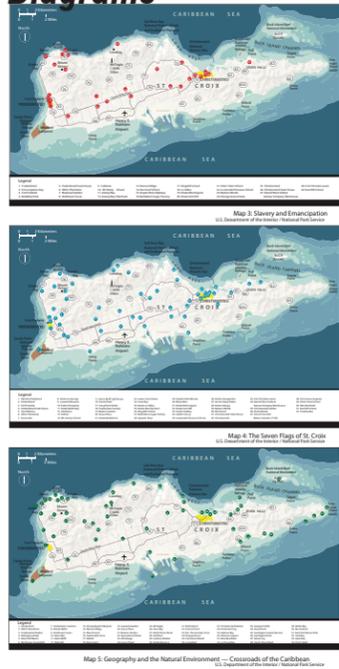


Section B

Scale = 1:10
0 10' 20' 40' 80' 120'
Feet

Cultural Diagrams

Within the inventory stage of St. Croix, it was imperative to recall what sites we have visited while on our island visit. Utilizing three of the cultural maps; Slavery and Emancipation, The seven flags of St. Croix and Geography and the Natural Environment, I located according to each map the sites we visited. Through the overlay, it was evident that the Slavery and Emancipation map had the least amount of sites visited. This formulated the need to incorporate and design a portion of the program to accommodate the past events of slavery on the island of St. Croix.



Slavery and Emancipation

The 7 Flags of St. Croix

Geography and the Environment

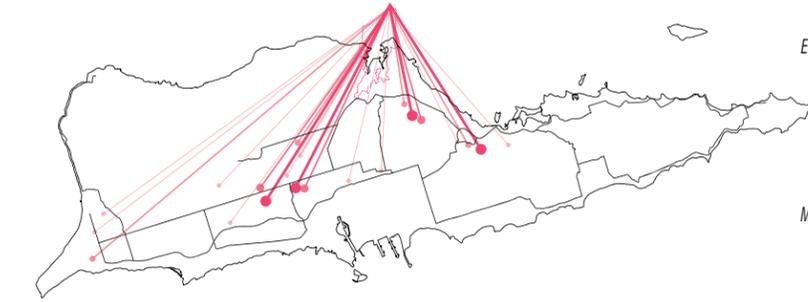
Cultural Overlay

Program: User Interest

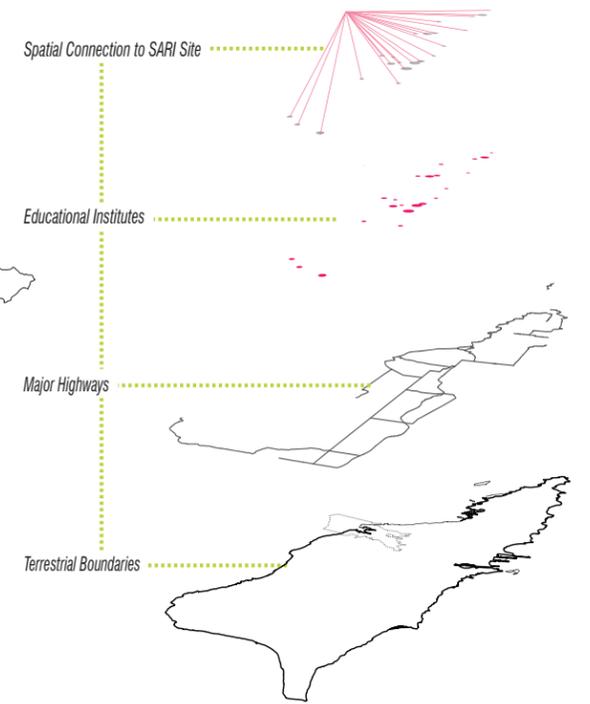
	Islanders	Regional Tourists	Global Tourists	Geo-tourists	Students	Program Reshuffle
Diving	Dark Green	Dark Green	Dark Green	Light Green	Yellow	Dark Green
Scuba Diving	Dark Green	Dark Green	Dark Green	Light Green	Yellow	Dark Green
Snorkeling	Dark Green	Dark Green	Dark Green	Light Green	Yellow	Dark Green
Kayaking	Dark Green	Dark Green	Dark Green	Light Green	Yellow	Dark Green
Glass-bottom Boating	Dark Green	Dark Green	Dark Green	Light Green	Yellow	Dark Green
Native Plant Hike	Dark Green	Dark Green	Dark Green	Light Green	Yellow	Dark Green
Perma-culture	Dark Green	Dark Green	Dark Green	Light Green	Yellow	Dark Green
Mock-digs	Dark Green	Dark Green	Dark Green	Light Green	Yellow	Dark Green
Rain-water Harvesting	Dark Green	Dark Green	Dark Green	Light Green	Yellow	Dark Green
Mangrove Restoration	Dark Green	Dark Green	Dark Green	Light Green	Yellow	Dark Green
Geneology Workshops	Dark Green	Dark Green	Dark Green	Light Green	Yellow	Dark Green
Education Camps	Dark Green	Dark Green	Dark Green	Light Green	Yellow	Dark Green
Historic Trail	Dark Green	Dark Green	Dark Green	Light Green	Yellow	Dark Green
Taino Ball Court	Dark Green	Dark Green	Dark Green	Light Green	Yellow	Dark Green
Columbus Landing	Dark Green	Dark Green	Dark Green	Light Green	Yellow	Dark Green
Fort Flamand	Dark Green	Dark Green	Dark Green	Light Green	Yellow	Dark Green

Education Institutes

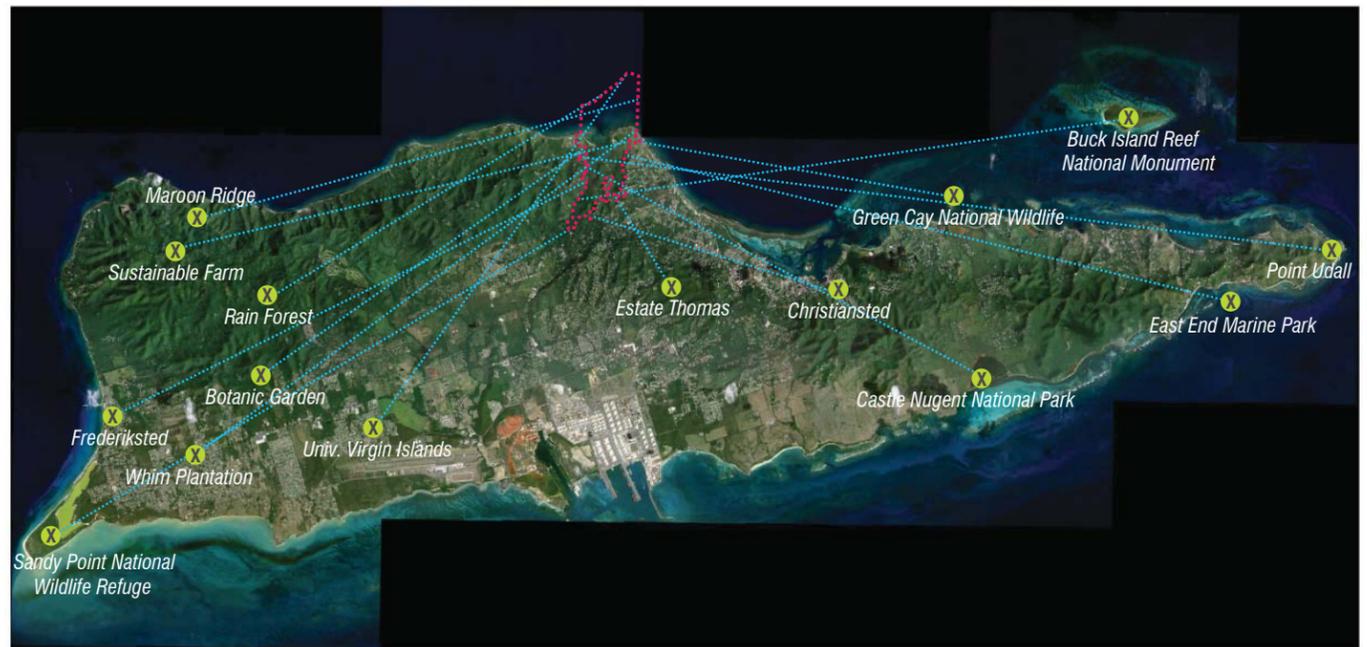
Primary Highway ———
 SARI Boundary ———
 Coastline ———



- Elementary School
- Jr. High School
- High School
- Adult/ Higher Education

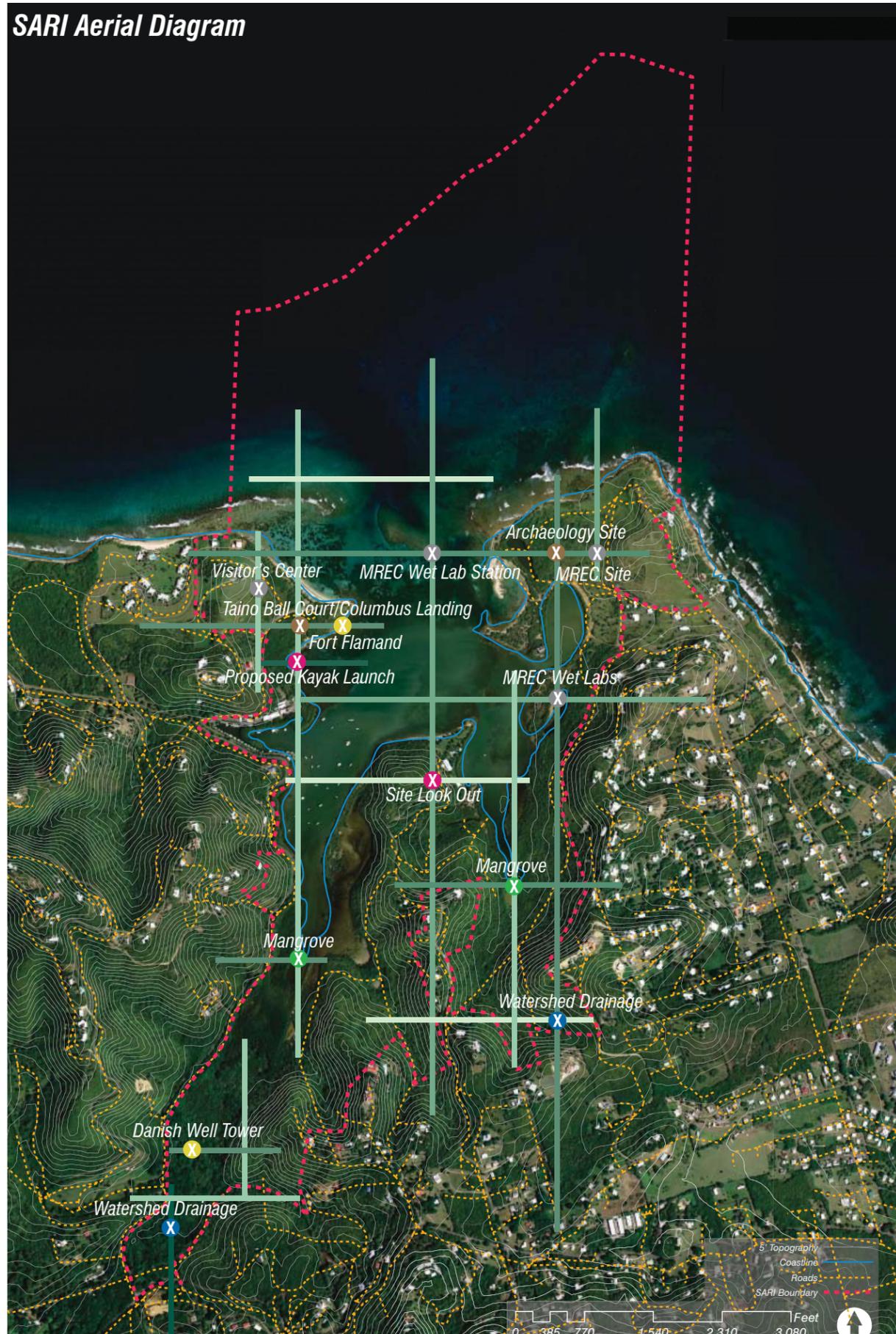


Saint Croix, USVI Aerial



Source: USGS and NRCS 0 1 2 4 Miles

SARI Aerial Diagram



Vegetation Diagram

