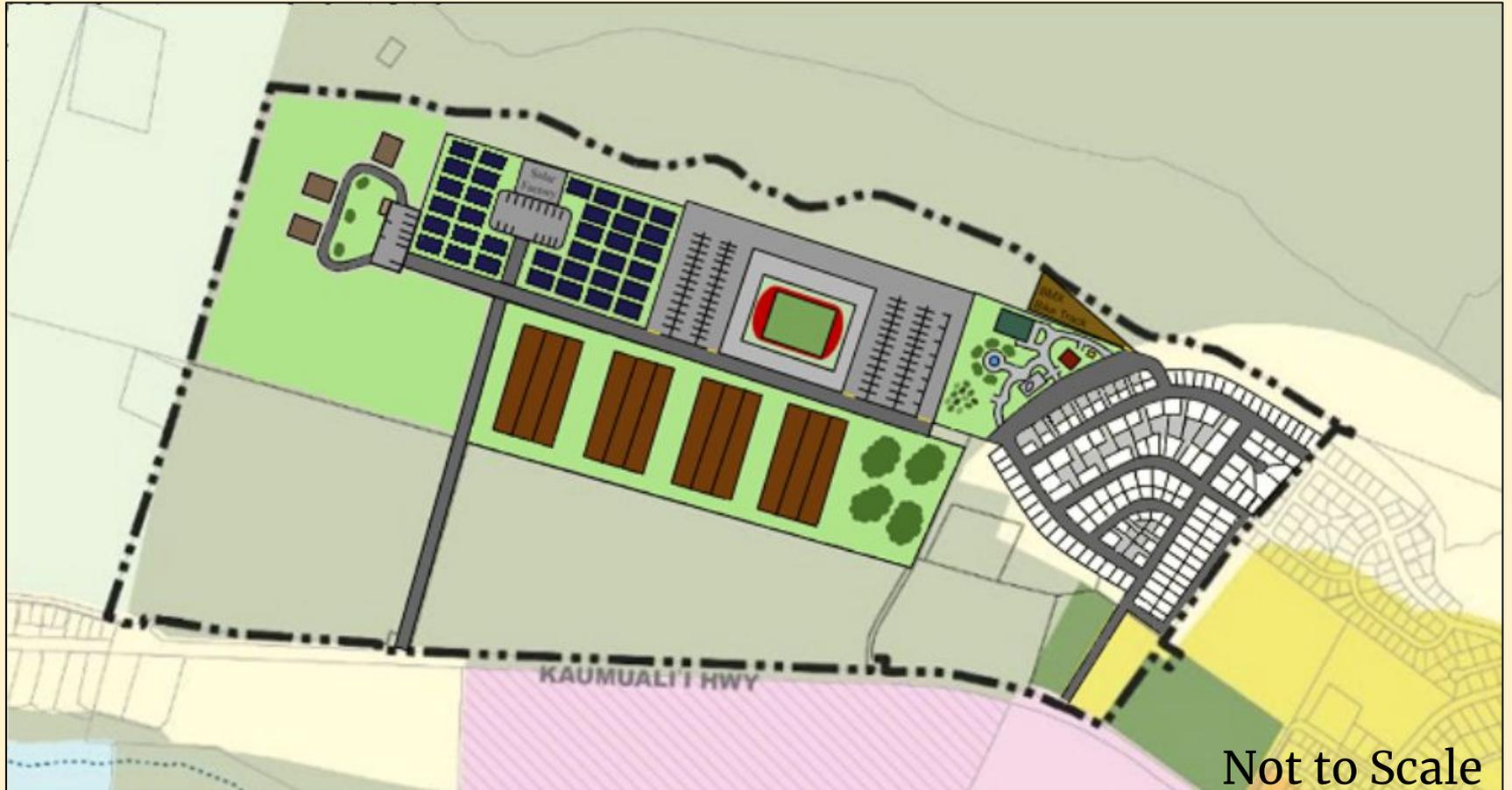
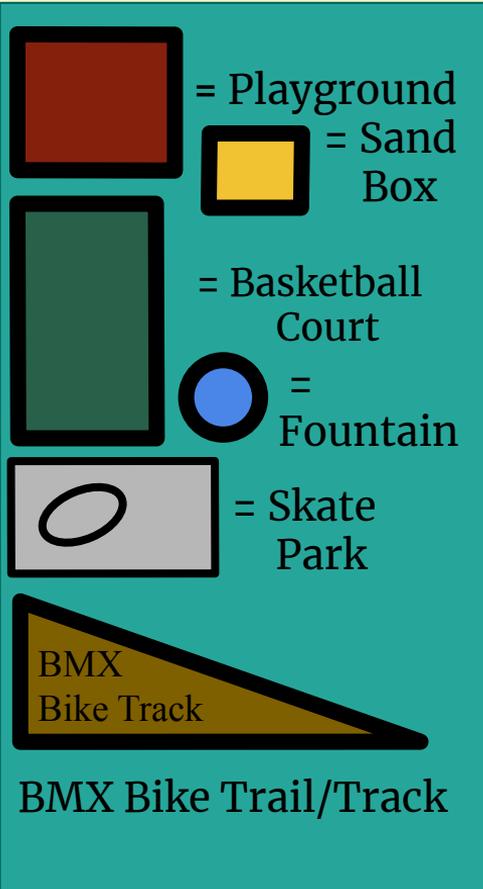


– Akamai Designs

# Big Picture



# Residential Park



Not to Scale

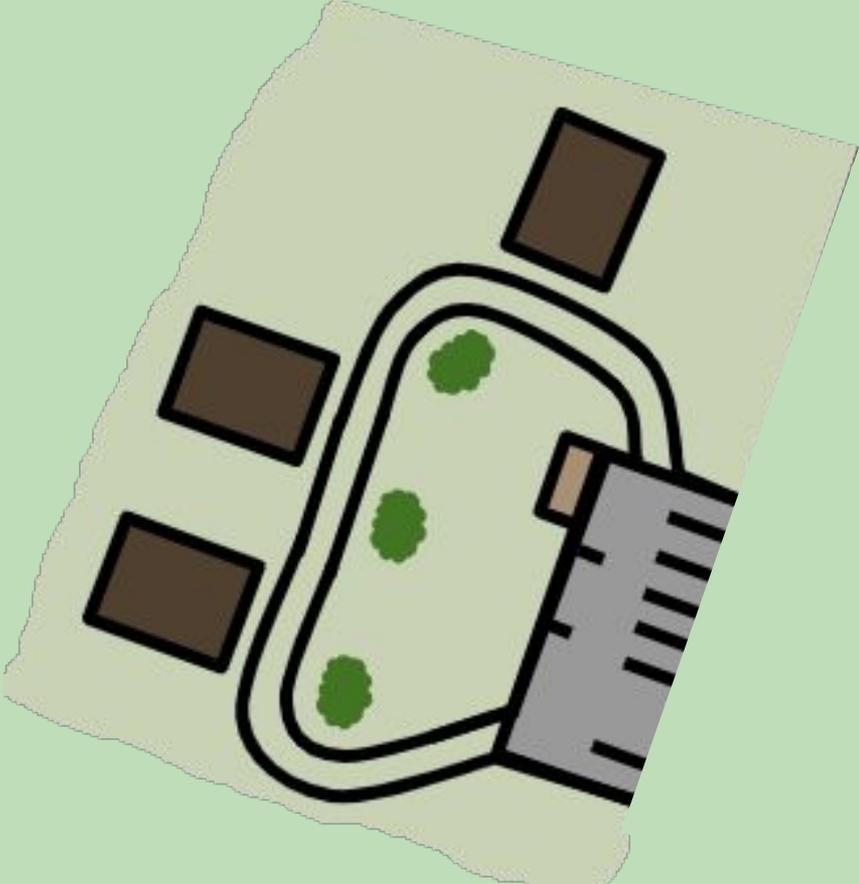
# Public Park



= Party  
Pavillion



= Park  
Bathrooms



Not to Scale

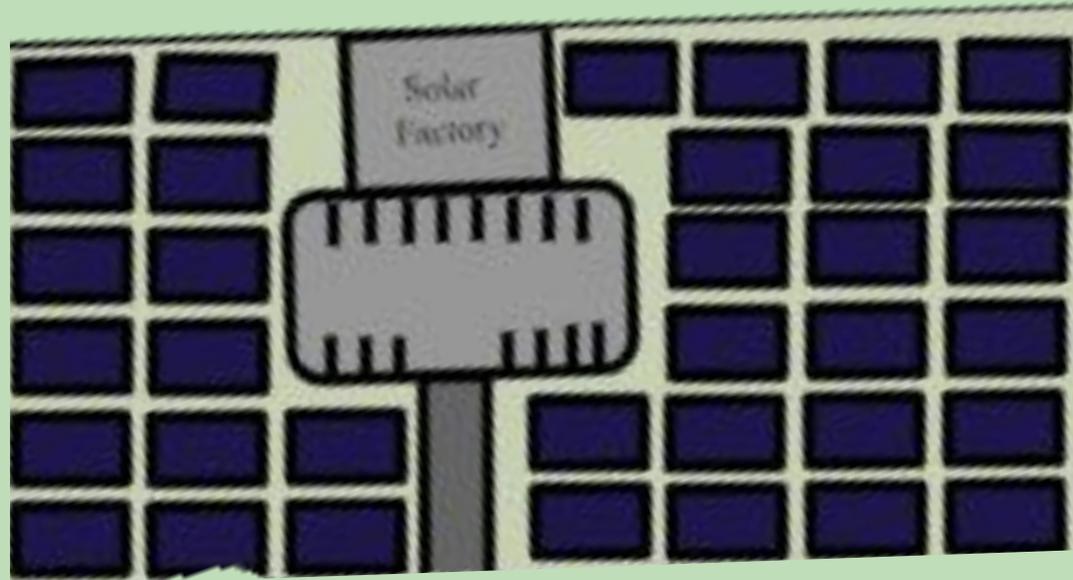
# Solar Factory

Solar  
Factory

Solar Factory  
Building

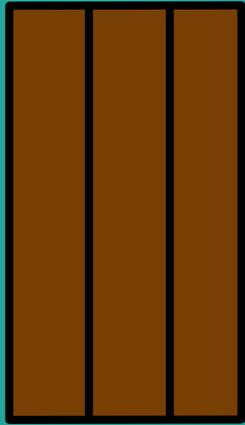


Solar Panel

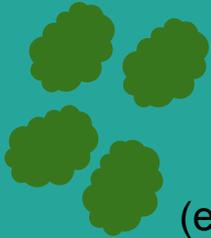


Not to Scale

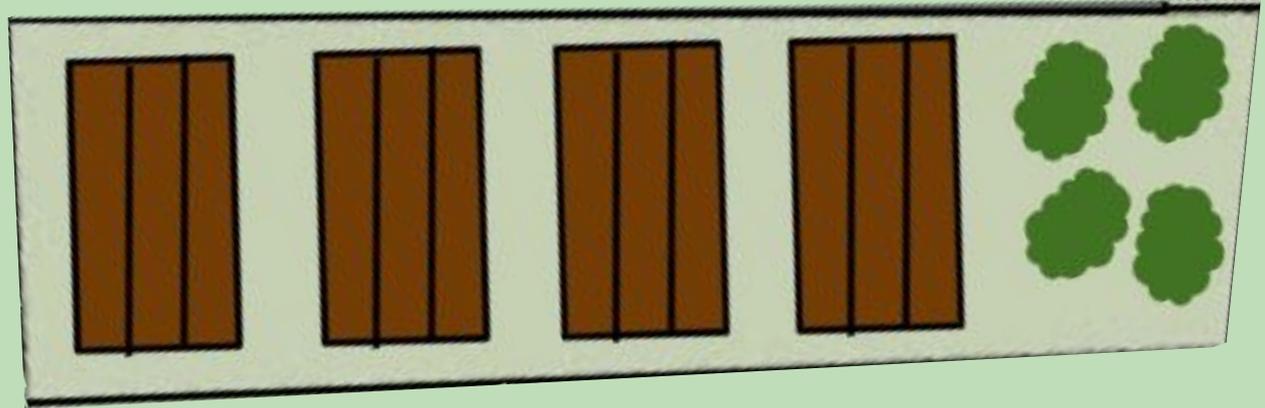
# Community Farms



= Farm Plot

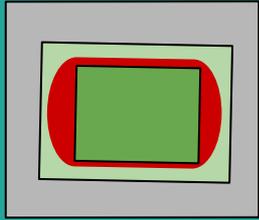


= Tree Crops  
(ex. Lychee)



Not to Scale

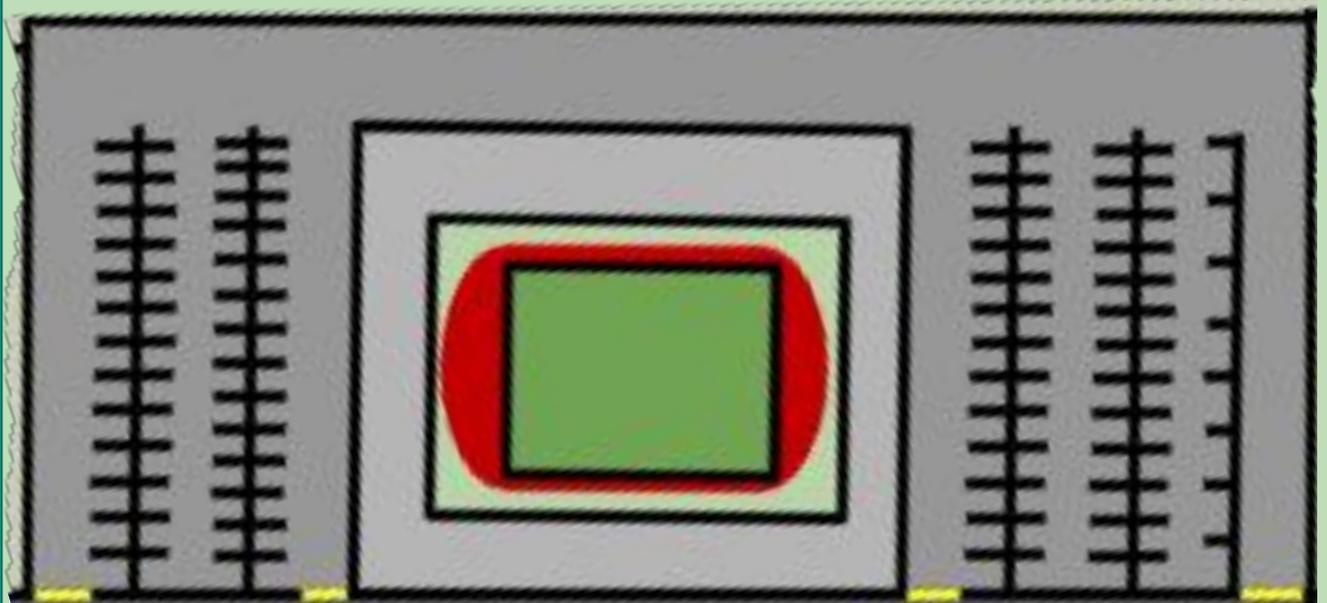
# Football Stadium



Football Stadium  
(with 8-lane track)

 = gate

 = Parking



Not to Scale

# Residential Area

 = Flag Lot

 = Residential Housing



Not to Scale

# Akamai Designs

## Waimea400 Project

After extensive planning and review, we came up with the following ideas for designing the area. Our submitted plan has a major emphasis on improving the local quality of life, and improving local sustainability. In order to ensure that there won't be any future complications on developments in the area we decided to leave certain areas of land undeveloped due to the risk of flooding and foundation integrity. In the following presentation we will be covering our planned developments and the reasoning behind our decisions.

To begin we designed a fairly sized private park for the residents of the area. We thought that having a small park in the area would be used by local residents often. The Residential Park will include a skate park, playground, sand box, basketball court, fountain, and BMX Bike Track. There is also a picnic area surrounding the fountain, it includes tables that are shaded by trees. Lastly, there is a small, tree dense area in the corner of the park.

We also have a public park on the west border for use by the public for leisure and all sorts of events. This park will include a bathroom, picnic areas shaded by trees, and three large pavilions. The pavilions will be designated for general events and will have their own bathrooms. For access to the pavilions there will be a one lane road that will circle around the park area.

A solar farm is placed to the east of the public park to help promote sustainability for both the environment and community. The solar farm will include a parking lot and main building in the center of the farm. The plant will provide energy for the surrounding structures and the community. It can also be used as a form of income to help fund future endeavors.

In the center of the plot will be a community farm. We hope that this will help provide locally sourced produce to the surrounding community. The area contains 4 plots of farmland for a variety of crops. On the east side of the parcel will be an area designated for tree crops. The farm will be supplied with water by the existing ditch line. The ditch line runs across the north and south border of the parcel. Water will be drawn from the north where there are higher elevations and will be drained back into the ditch where it runs across the south of the parcel.

There is also a football field located in the north-center of the area. The poll for the Waimea 400 project displayed that a sports complex would be appreciated by the community. We came to the conclusion that a football field would be the best fit for the designated area, both because of its size and due to it being one of the only sports complexes that are not currently in Waimea or Kekaha. The stadium will be based off of Vidina Stadium. It will have a large parking lot, bleachers built around the field, and an 8 lane track surrounding the football field.

Lastly, on the north-east border of the area will be the residential area. This area was chosen due to being the only area on the map that was designated for a neighborhood. It was designed to be just outside of the flood zone in order to prevent damage to structure in the event of a flood. It utilizes flag lots in order to maximize the amount of dwellings that can be built. There will be three entrances to the neighborhood. One that connects to the main road and 2 other roads that connect to the already existing Waimea neighborhood roads.

In general, all structures were designed to be outside of the flood zone in order to prevent any damage by floods. We were also concerned about the soil in the area and the effects it would have on structures on top of it so we compensated for that too. Our data is sourced from the Waimea 400 project website.