

# Treasure Island Park

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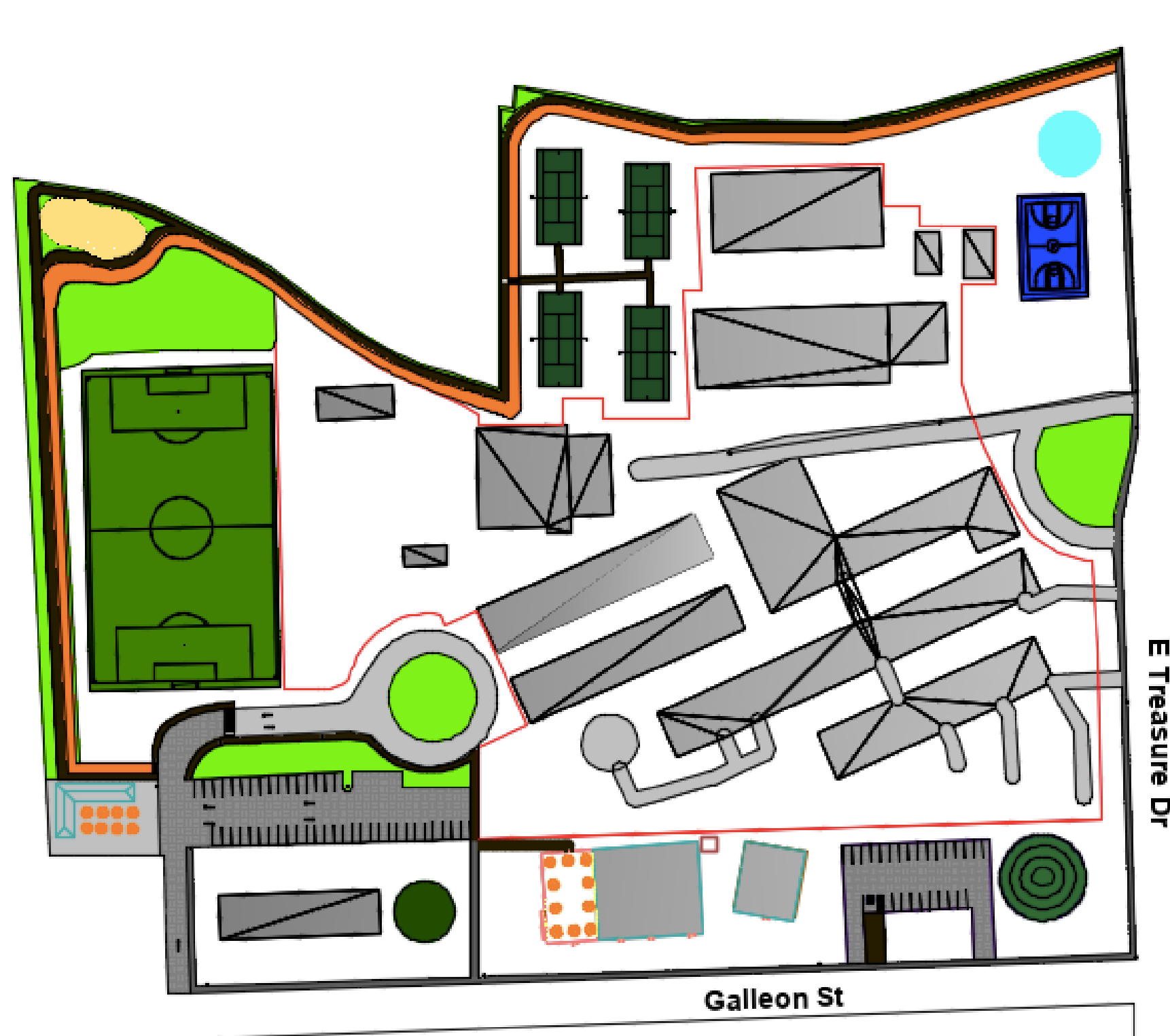


## Project Vision

Treasure Island Park will be a neighborhood center that brings together the North Bay Village community through a variety of recreational spaces. The park will capitalize on underperforming resources and synergize public spaces such that it can attract economic development for a prosperous future. This area will also be sustainable, hurricane resistant, and adaptable to the risks associated with climate change so that the community can enjoy it for many years to come.

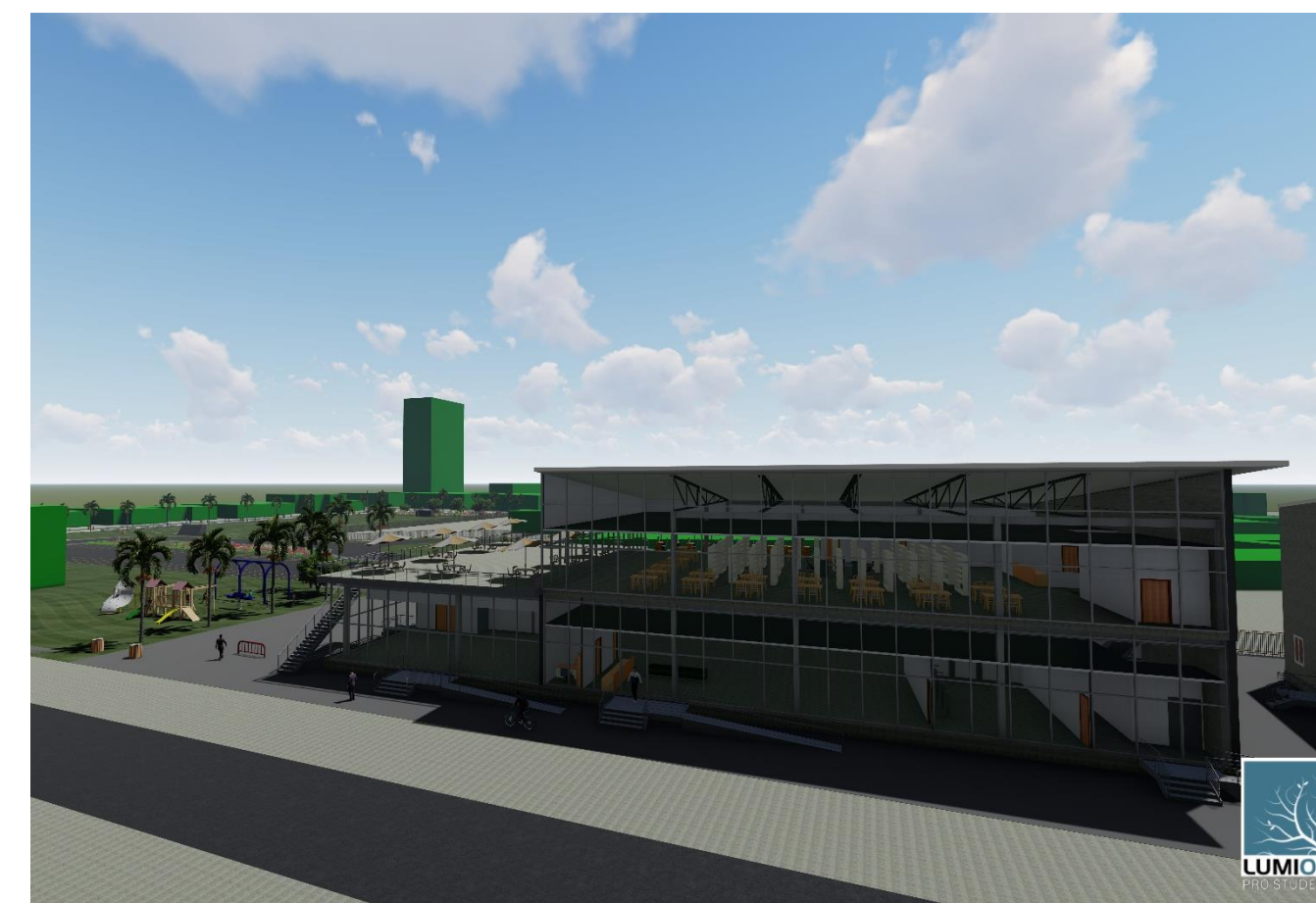
**Livability | Resiliency | Prosperity**

## Site Plan

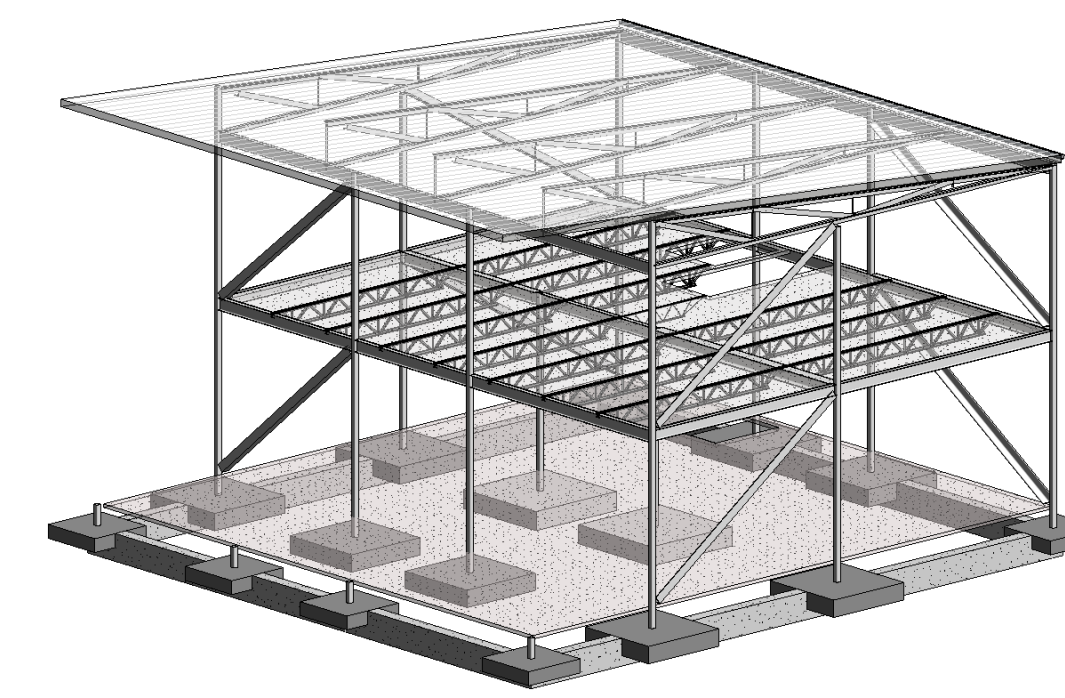
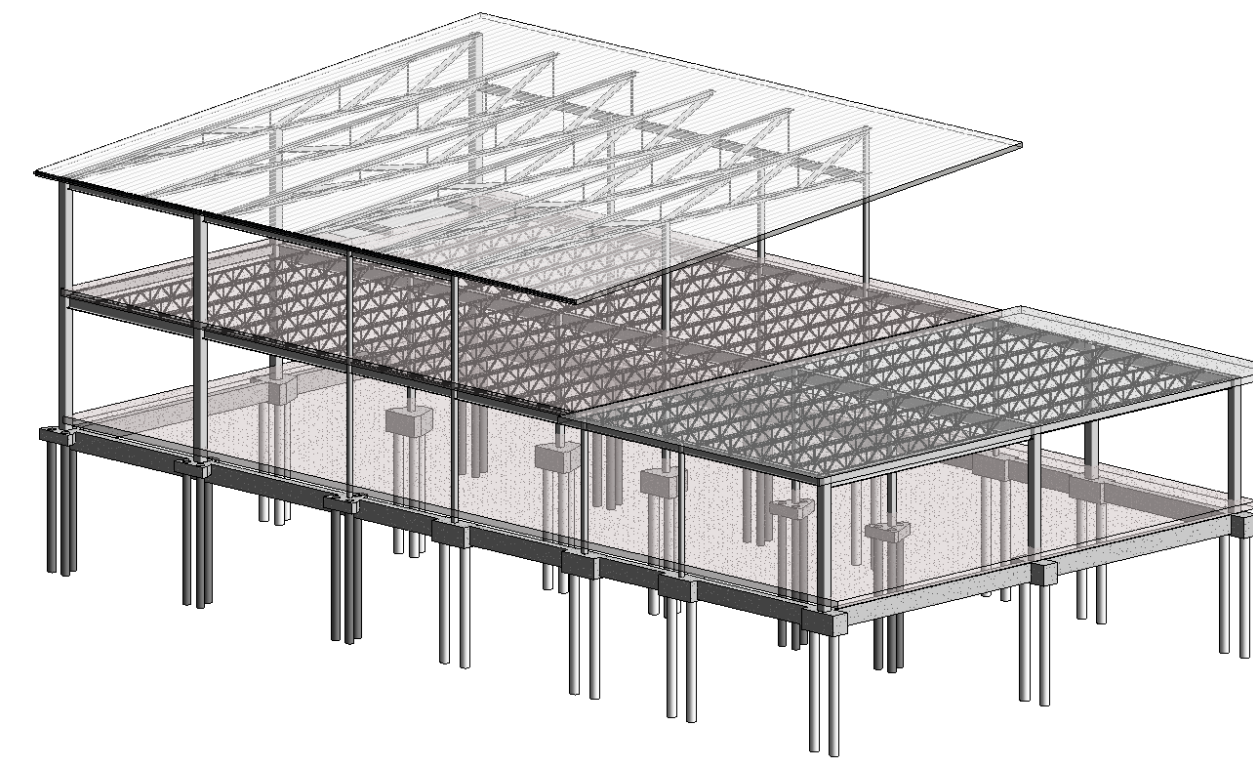


## Architectural/Structural Designs

### Community Center



### Police Department



### Paving Materials

- Bicycle Path made of Recycled Plastic
- Pedestrian Path made of Decomposed Granite
- Used pervious concrete for the parking lots pavement
- Used Astro Turf for the Soccer field

### MEP Features

- Energy efficient VRF HVAC system
- LED Lighting
- Electric Vehicle Charging Stations

## Community Focus



- Improving the quality of life by adding community services, amenities, and places for social interactions
- Refreshing the NBV identity by leveraging existing assets with new infrastructure improvements to reassert NBV's image as greener, smarter, and more connected

## Resiliency

Preparing for environmental challenges: protect the water quality of Biscayne Bay, mitigate effects of severe weather conditions, remaining open to modifications over time to adapt to the effects of sea level rise.

- Rain Garden
- Rainwater harvesting
- Permeable Pavement
- LEED certification
- NBV Green code
- Design for 10-year storm



## Acknowledgments

We would like to thank the Senior Design Professors and North Bay Village for this opportunity and for all the help they provided for this project.