

# Trifolium Bay

The 14th Virtual Design World Cup  
Lucky Clover

## Introduction

Our design approach focuses on integrating the concept of NHAs living harmoniously with residents to address flood prevention challenges within the historic Boston Harbor. To efficiently tackle these issues, we have created a network of stations spread across Boston. The primary stations are located underground, allowing them to blend seamlessly with the cityscape.

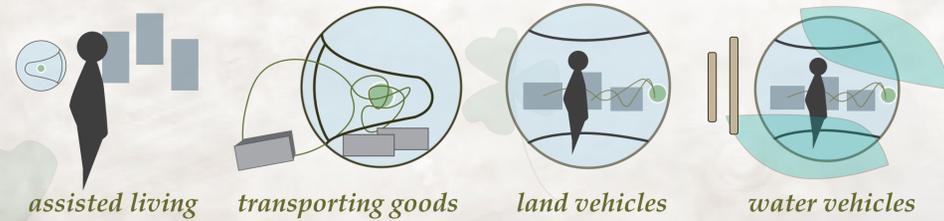
## Concept

The Irish have left a lasting impact on Boston, and St. Patrick's Day remains an important celebration. We've chosen the shamrock as the central theme of our design, with every aspect—from shape to concept—revolving around it, whether for the Boston station or the NHA project.

## The NHAs

As the core of this design, the transportation vehicles—whether on land or water—transform from the NHA.

The NHA serves as the ideal companion for those living in or visiting Boston.



## Natural Cycle

Stations collect solar energy and rainwater, which are then supplied to the entire city through underground pipelines.



## Urban Green Islands

Land-based station platforms are transformed into green spaces and vertical parks with commercial areas, offering users relaxation and a break from the dense urban environment.



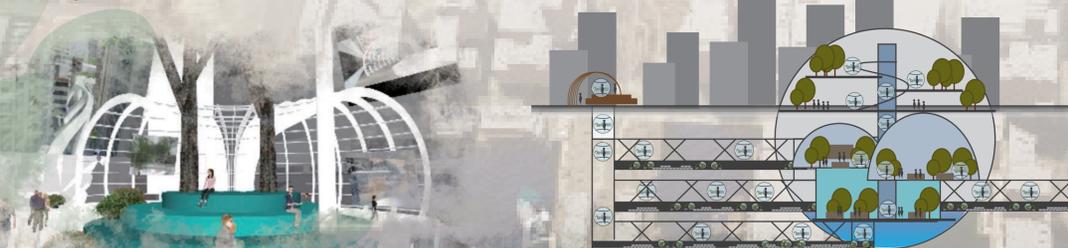
## Flood Control System

The flood control system uses Boston's stations and NHA's AI, with drones handling emergencies and stations providing relay and flood retention functions.



## Underground Stations

To preserve Boston's cityscape, stations are mainly underground and feature commercial spaces, storage areas, flexible educational zones, flood retention tanks, and an extensive transport network.



## Twin Cities

By connecting urban systems through the widespread NHA and stations, the city's resources—including transportation, medical, and educational supplies—are optimally managed using NHA's artificial intelligence.



## AI Application

During the design process, we start by creating a conceptual model. Through AI calculations, we explore various possible development scenarios. We then select the most promising options for further development. The refined model is analyzed again by AI to explore additional possibilities. Finally, we choose the most viable combinations and proceed with the development.

