

# FINAL CAPSTONE SUBMISSION FORM

Department of Landscape Architecture  
School of Landscape Architecture & Planning  
College of Design Construction & Planning

## INSTRUCTIONS

Student must complete and present a hardcopy of this Final Capstone Submission Form to their faculty advisor prior to the final presentation. Advisor is to submit the signed sheet to the Capstone Coordinator or Session Moderator at the final presentation.

This form serves the following purposes:

1. **The Signature Page** which certifies that this project has been accepted by the faculty in the Department of Landscape Architecture as a Terminal Project.
2. The University of Florida's Digital Repository **Grant of Permissions** (Internet Distribution Permission Form).
3. The University of Florida's Honors Program **Thesis Submission Form**

The original form is to be held on record as record in the Department. One copy is to be given to be forwarded to the Arts & Architecture Library administrators to satisfy requirements 1 & 2 above. One copy is to be submitted on behalf of all eligible students to the University of Florida's Honors Program to satisfy the requirements of number 3 above.

### To be filled out by the student:

Living Walkways: re-envisioning the Tampa Riverwalk  
Project (Thesis) Title

Kaleigh Hastings

Student's Name (Print)

9490-5553

Student's ID #

4/24/2012

Date

Illustrated ☒ Yes ☐ No

Bibliography ☒ Yes ☐ No

Is your thesis or any part being submitted for publication?

☐ Yes ☒ No

If any part has been submitted for publication, please indicate where:

Keywords (please provide five words)

Tampa, Riverwalk, Floating Islands, Riverfront

Abstract (100-200 words)

*Living Walkways seeks to revitalize the downtown core by activating the waterfront. Utilizing floating dock & BioHaven\* technology, the floating walkway and surrounding floating garden beds span the 2.4 mile length of the Tampa Riverwalk. The walkway twists, widens, and knots itself into large public plazas in three distinct nodes along it's corridor at Trolley Barn Park, Hixon Park, and Old Water Street park. These nodes also separate the three planting zones of the floating gardens.*

*In addition to providing breathtaking views, the floating garden beds surrounding the walkway create habitat and help filter and clean the river itself. The beds, made by Floating Islands International, are constructed in a modular fashion to more easily facilitate installation in phases. Each module is comprised of a matrix of recycled plastic filament that is filled with marine foam. Vegetation is planted directly into the module, where roots work their way through the spaces in the matrix to the water. On the underside of these floating garden beds a complex microbial ecosystem grows, later facilitating the colonization of larger invertebrates that act as food for native fish and bird populations. Furthermore, these floating islands have been proven to increase dissolved oxygen and remediate temperature stratification in water bodies, improving habitat for native species that have in recent years suffered from algae blooms and dead zones.*