

---

June 06, 2024

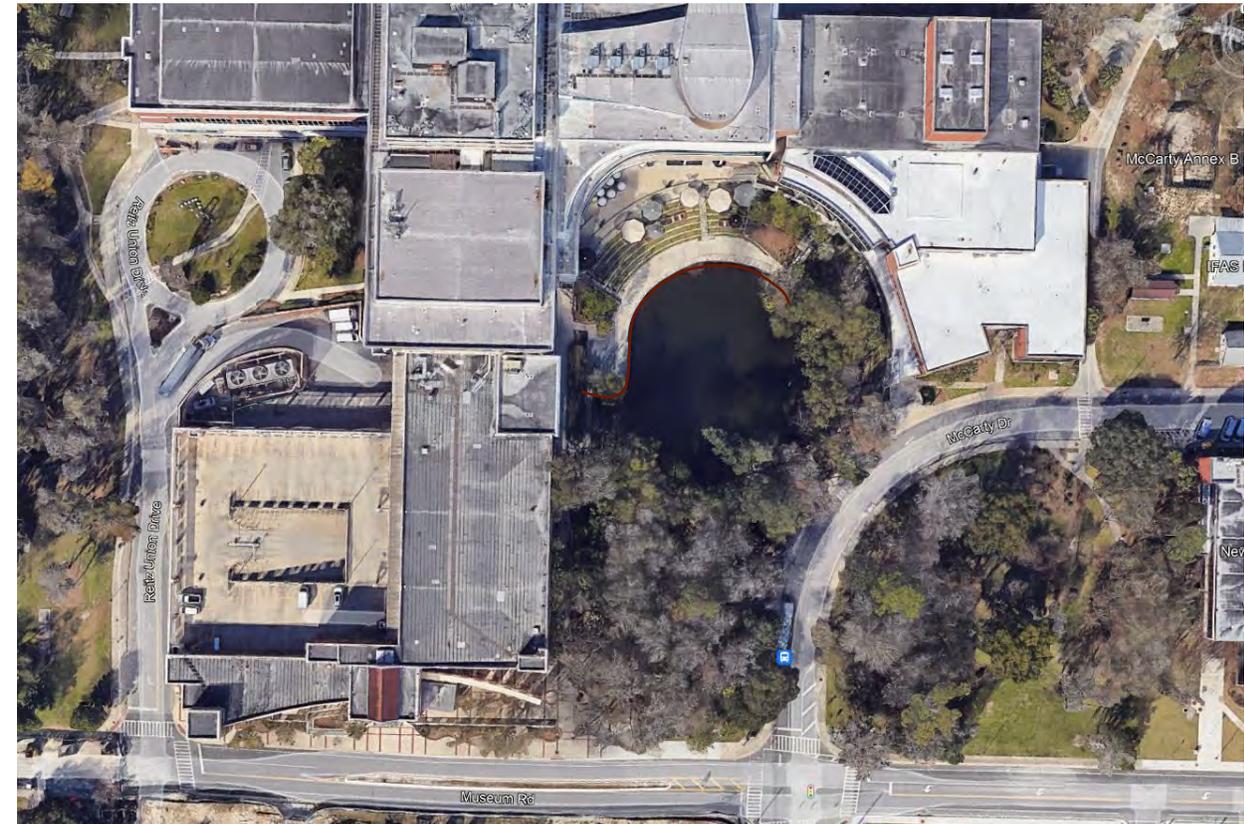


# MP07468 - 686 - Reitz Union - Repair South Terrace Concrete and Seawall

Stephen Caron

## Project Overview

- The project is located at Liberty Pond, south of Reitz Union
- The scope of the following project is to replace the existing lower concrete terrace, metal deteriorating seawall and to provide ADA accessible accommodations
- The purpose of the project is a deferred maintenance repair project



## Site Overview & Existing Conditions





## Tree Impacts

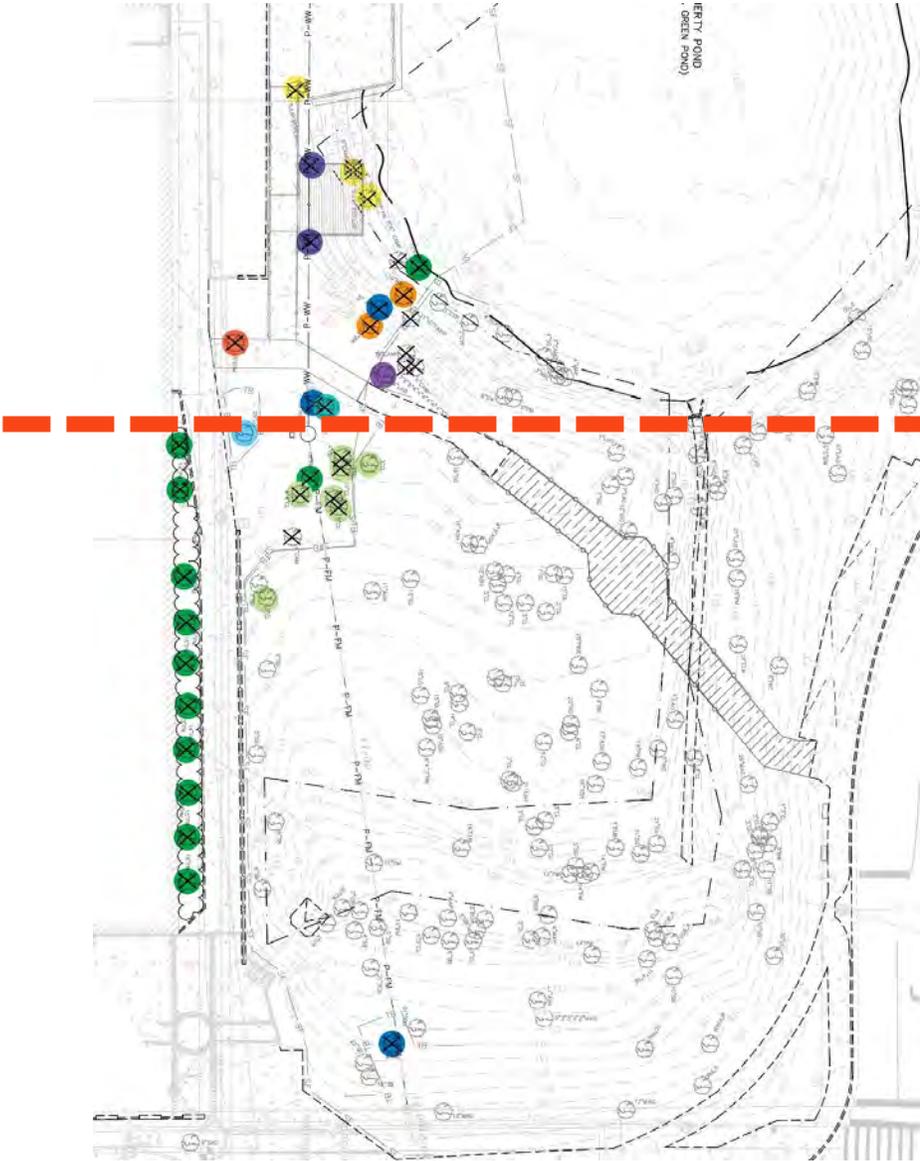
- The project came to the LVL Committee in January 2023. Project was approved with for mitigation needed for the repair of the structural integrity of the seawall. Any expansion of the scope was required to come back to the committee as it is adjacent to the conservation area.
- After LVL, a special meeting was held on site to review the plants, species, and replanting in this conservation area. During this meeting members of the Design team and the UF PM met with Planning, Reitz Union, Office of Sustainability, and other UF stakeholders to review.
- The project will result in the removal of **36 total trees**, 27 of which were approved during the last LVL meeting. No trees proposed for removal are heritage trees.



Sheet 1  
Sheet 2

## Tree Impacts

- The project will result in the removal of **36 total trees**, 27 of which were approved during the last LVL meeting. No trees proposed for removal are heritage trees.
- We are requesting approval for the removal of **9 additional trees**.
- Tree removals are required to access the construction site, repair of the existing seawall, construction of a new boardwalk/overlook, and a new sanitary sewer and lift station.



Sheet 1  
Sheet 2

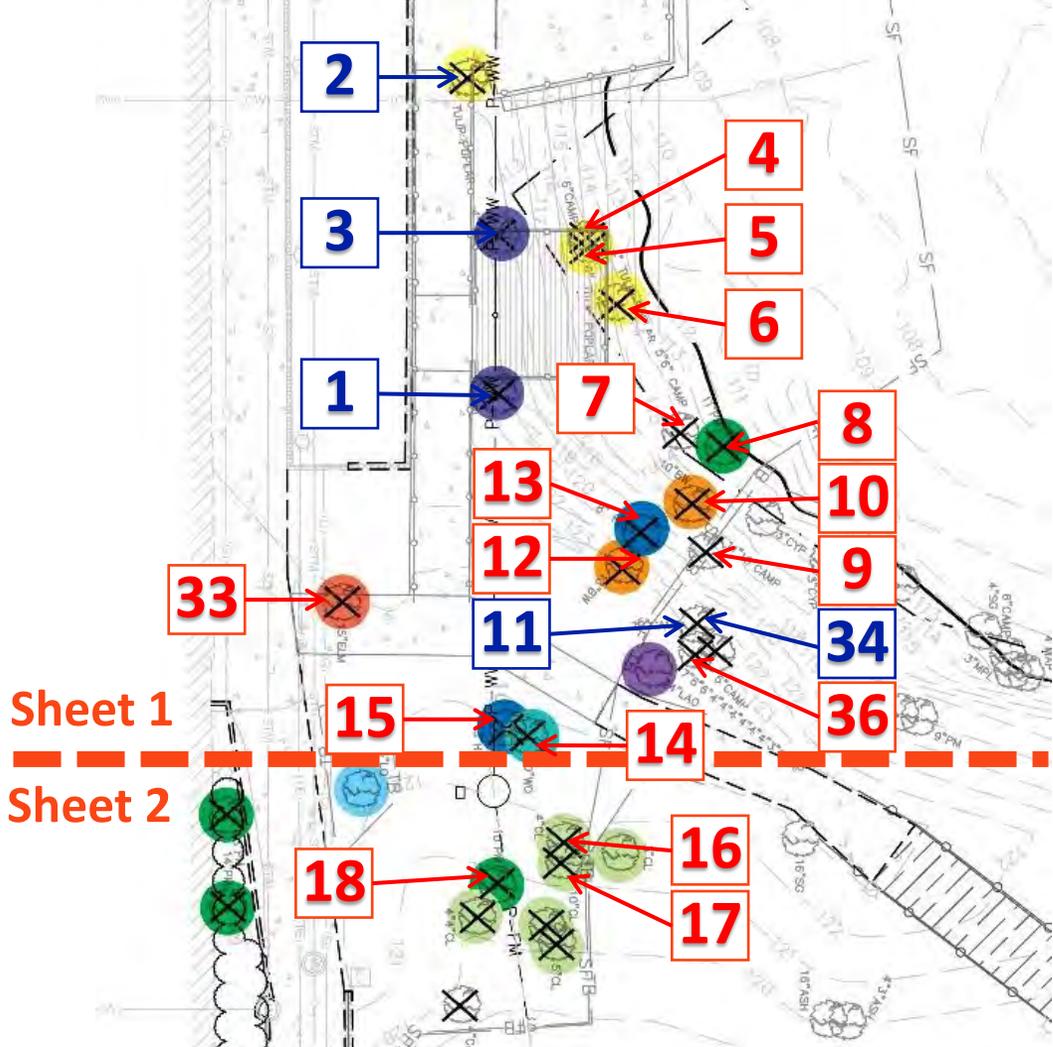
## Potential Tree Impacts

- # Tree requiring removal (previously approved by LVL in January 2023)
- # Tree requiring removal

### Legend

- Live Oak
- Water Oak
- Cherry Laurel
- Laurel Oak
- Basswood
- Maple
- Tulip Poplar
- Elm
- Cabbage Palm
- Hickory

TREE #	SPECIES	DBH	TREE #	SPECIES	DBH
1	Maple	3"	11	Camphor	10"
2	Tulip Poplar	5"	12	Basswood	13"
3	Maple	4"	13	Hickory	8"
4	Camphor	6"	14	Water Oak	20"
5	Tulip Poplar	6"	15	Hickory	13"
6	Tulip Poplar	4"	16	Cherry Laurel	4"
7	Camphor	5"6"	17	Cherry Laurel	4"
8	Palm	11"	18	Palm	10"
9	Camphor	11"10"	33	Elm (Dead)	15"
10	Basswood	10"	34	Camphor	6"
			36	Camphor	Multi-Trunk



# MP07468 - 686 - Reitz Union - Repair South Terrace Concrete and Seawall

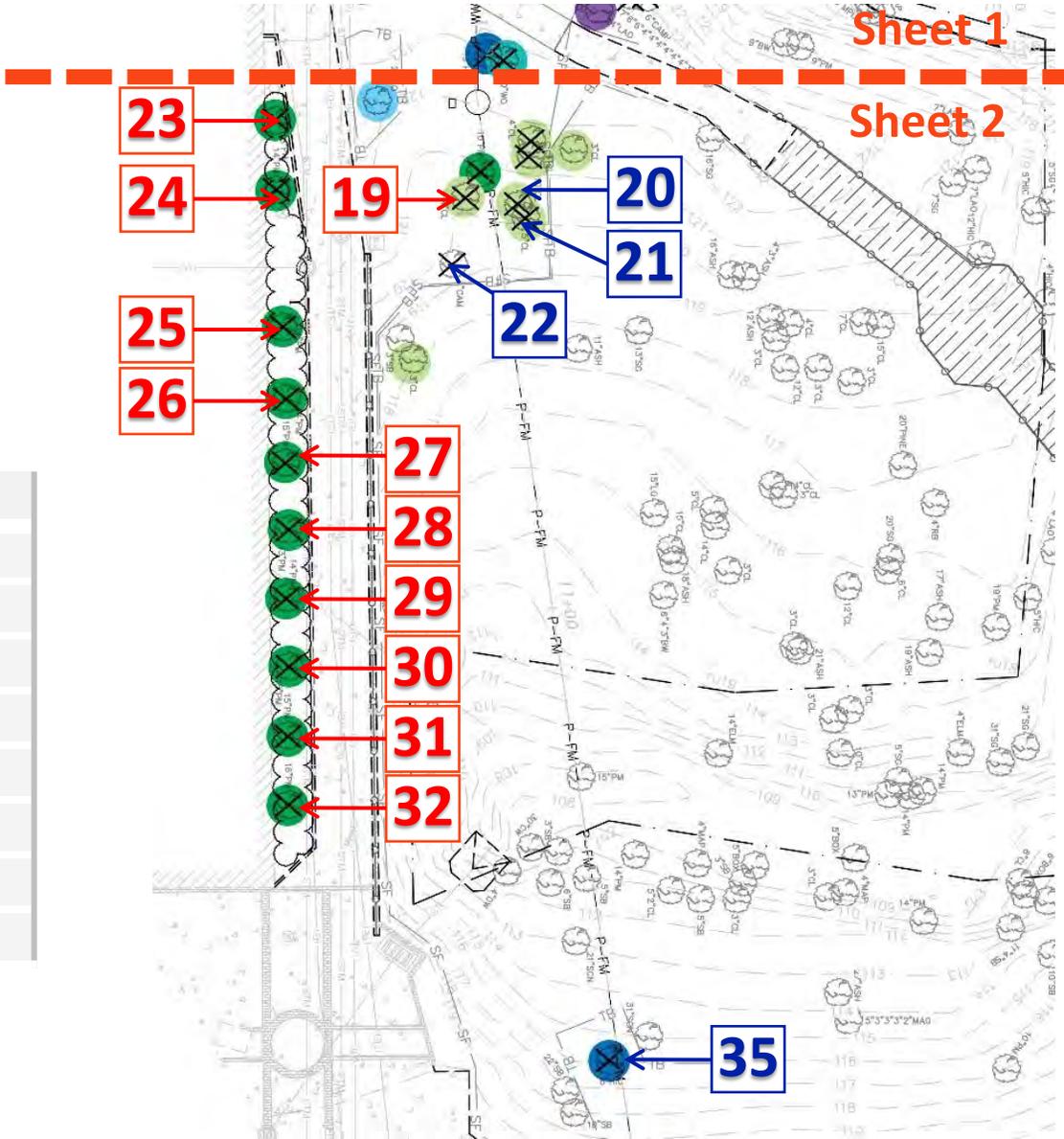
## Potential Tree Impacts

- # Tree requiring removal (previously approved by LVL in January 2023)
- # Tree requiring removal

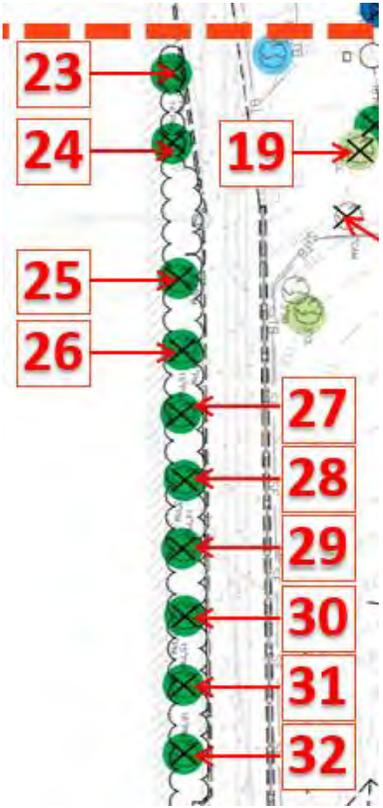
**Legend**

<span style="color: lightblue;">●</span> Live Oak	<span style="color: purple;">●</span> Maple
<span style="color: teal;">●</span> Water Oak	<span style="color: yellow;">●</span> Tulip Poplar
<span style="color: lightgreen;">●</span> Cherry Laurel	<span style="color: orange;">●</span> Elm
<span style="color: purple;">●</span> Laurel Oak	<span style="color: green;">●</span> Cabbage Palm
<span style="color: orange;">●</span> Basswood	<span style="color: blue;">●</span> Hickory

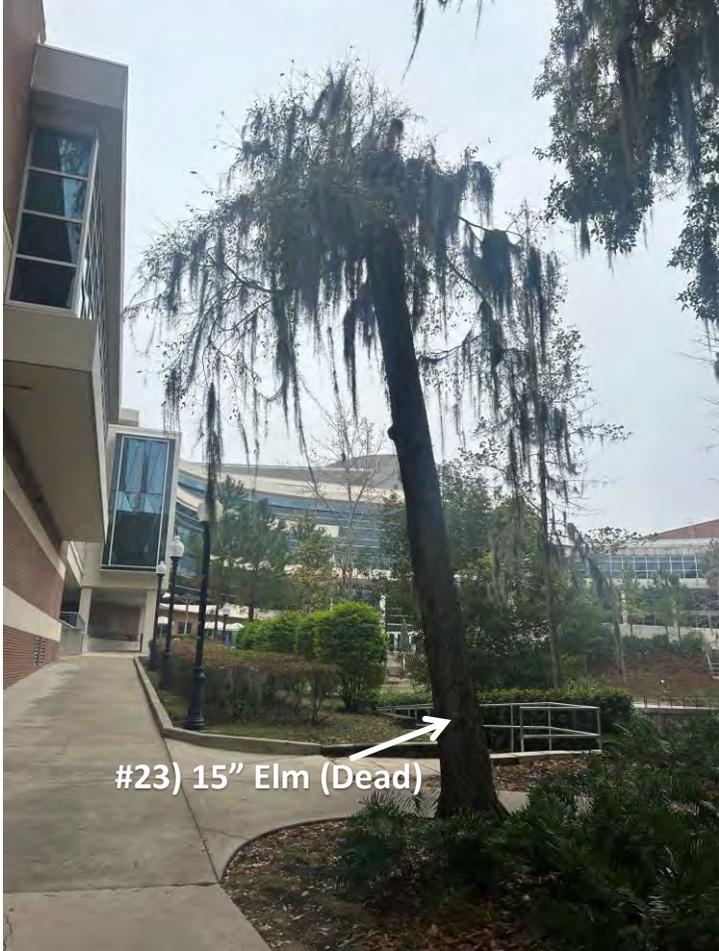
TREE #	SPECIES	DBH	TREE #	SPECIES	DBH
19	Cherry Laurel	4"4"	26	Palm	14"
20	Cherry Laurel	10"	27	Palm	15"
21	Cherry Laurel	5"	28	Palm	13"
22	Camphor	4"	29	Palm	14"
23	Palm	13"	30	Palm	15"
24	Palm	14"	31	Palm	15"
25	Palm	14"	32	Palm	16"
			35	Hickory	8"



## Tree Impact Summary



## Tree Impact Summary



## Tree Impact Summary



## Tree Impact Summary





# MP07468 - 686 - Reitz Union - Repair South Terrace Concrete and Seawall

## Tree Impact Summary

- There are **7 invasive exotics (Camphor)** to be removed which require no mitigation.
- Trees in *black* were previously approved during the January 2023 LVL meeting.
- Trees in *orange* are new requested trees to be removed.
- Trees in *bold* require mitigation.

TREE #	SPECIES	DBH	MITIGATION
1	Maple	3"	0 TREES
2	<b>Tulip Poplar</b>	<b>5"</b>	<b>2 TREES</b>
3	Maple	4"	0 TREES
4	Camphor	6"	0 TREES
5	<b>Tulip Poplar</b>	<b>6"</b>	<b>2 TREES</b>
6	Tulip Poplar	4"	0 TREES
7	Camphor	5"6"	0 TREES
8	<b>Palm</b>	<b>11"</b>	<b>2 TREES</b>
9	Camphor	11"10"	0 TREES
10	<b>Basswood</b>	<b>10"</b>	<b>2 TREES</b>
11	Camphor	10"	0 TREES
12	<b>Basswood</b>	<b>13"</b>	<b>2 TREES</b>
13	<b>Hickory</b>	<b>8"</b>	<b>2 TREES</b>

TREE #	SPECIES	DBH	MITIGATION
14	<b>Water Oak</b>	<b>20"</b>	<b>2 TREES</b>
15	<b>Hickory</b>	<b>13"</b>	<b>2 TREES</b>
16	Cherry Laurel	4"	0 TREES
17	Cherry Laurel	4"	0 TREES
18	<b>Palm</b>	<b>10"</b>	<b>2 TREES</b>
19	Cherry Laurel	4"4"	0 TREES
20	<b>Cherry Laurel</b>	<b>10"</b>	<b>2 TREES</b>
21	<b>Cherry Laurel</b>	<b>5"</b>	<b>2 TREES</b>
22	Camphor	4"	0 TREES
23	<b>Palm</b>	<b>13"</b>	<b>2 TREES</b>
24	<b>Palm</b>	<b>14"</b>	<b>2 TREES</b>
25	<b>Palm</b>	<b>14"</b>	<b>2 TREES</b>
26	<b>Palm</b>	<b>14"</b>	<b>2 TREES</b>



# MP07468 - 686 - Reitz Union - Repair South Terrace Concrete and Seawall

## Tree Impact Summary

- There are **7 invasive exotics (Camphor)** to be removed which require no mitigation.
- Trees in *black* were previously approved during the January 2023 LVL meeting.
- Trees in *orange* are new requested trees to be removed.
- Trees in *bold* require mitigation.

TREE #	SPECIES	DBH	MITIGATION
27	Palm	15"	2 TREES
28	Palm	13"	2 TREES
29	Palm	14"	2 TREES
30	Palm	15"	2 TREES
31	Palm	15"	2 TREES
32	Palm	16"	2 TREES
33	Elm (Dead)	15"	0 TREES
34	Camphor	6"	0 TREES
35	Hickory	8"	2 TREES
36	Camphor	Multi-Trunk	0 TREES
<b>TOTAL MITIGATION REQUIRED</b>			<b>46 TREES</b>

### TOTAL MITIGATION TREES REQUIRED

46 TREES

### TOTAL PROPOSED MITIGATION TREES

26 TREES

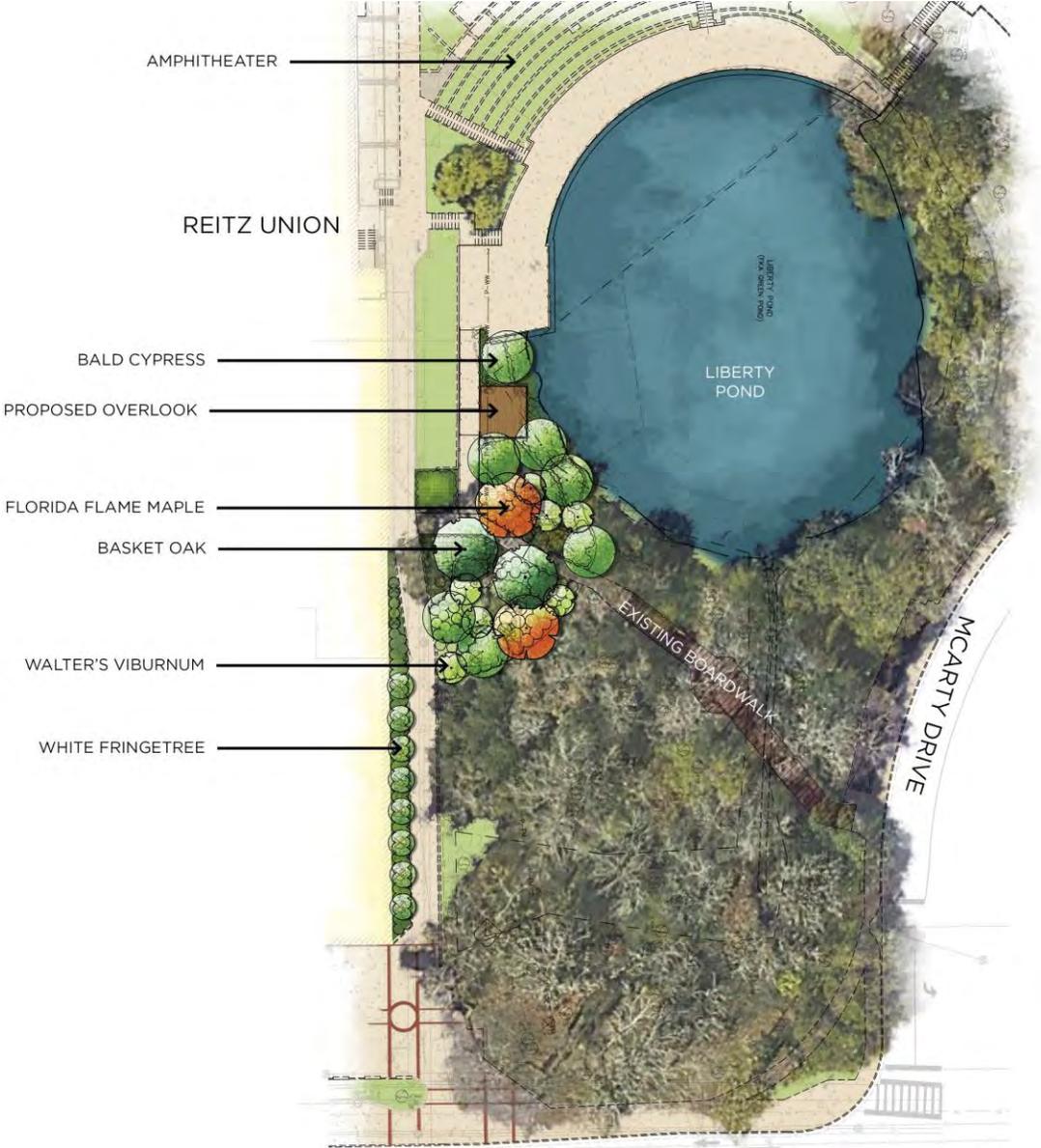
### TOTAL MITIGATION DEFICIT

20 TREES OR

\$5,000 (\$250 PER REPLACEMENT TREE)

## Landscape Plan

- The project is located in Precinct 1
- The project is using primarily plant species from the Landscape Master Plan plant palette.
- Due to the nature of the project being located in a natural area and adjacent to Liberty Pond, additional native plantings have been proposed.



# MP07468 - 686 - Reitz Union - Repair South Terrace Concrete and Seawall

## Landscape Plan (Enlargement)



## Existing Species

Existing Shrubs/Groundcovers observed on site include:

- Saw palmetto (N)
- Viburnum odoratissimum (N)
- Coontie (N)
- Sword fern (N)
- Loropetalum
- Lantana
- Bamboo
- Tree seedlings including Water Oak, Basswood, Cherry Laurel, Pignut Hickory, Camphor



We have incorporated **Saw Palmetto, Coontie, and Native Ferns** into the proposed planting plan to ensure the plantings work seamlessly with the existing landscape.

## Plant Palette



Basket Oak



White Fringetree



Bald Cypress



Florida Flame Red Maple



Walter's Viburnum



Coontie



Saw Palmetto



Mrs. Schiller's Delight Viburnum

## Plant Palette



Pink Muhly



Fakahatchee Grass



Southern Shield Fern\*



Soft Rush\*



Yellow Canna\*



Blue Flag Iris\*

\* Natives not within UF LMP approved plant palette





# MP07468 - 686 - Reitz Union - Repair South Terrace Concrete and Seawall

## Electrical Plan: Lighting

**SHEET NOTES**

CONNECT TO EXISTING CONTROLS AND PULL CIRCUIT

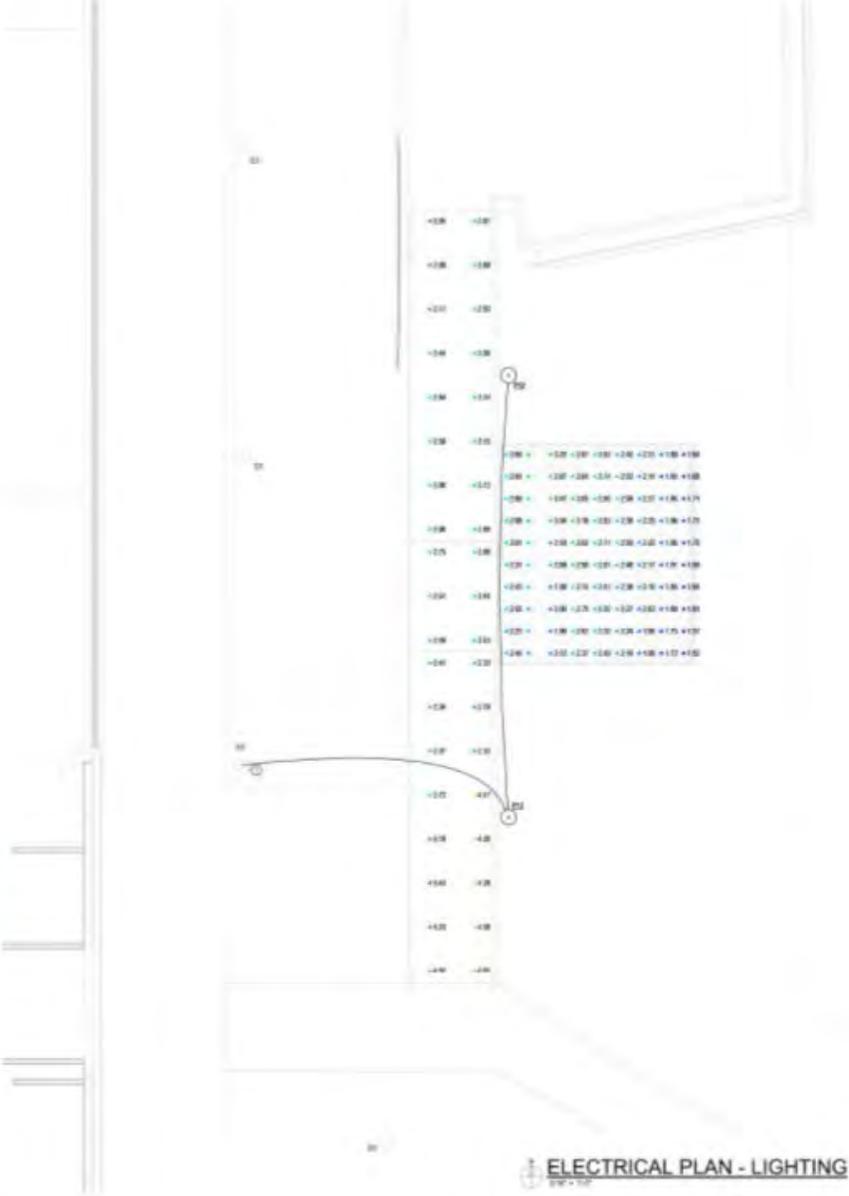


**PHOTOMETRIC RESULTS**

Calculation Name	Area	Average	Maximum	Minimum	Avg/W	Max/W
REPAIR - CORN	12.00	1.17	1.37	1.01	1.00	1.25
REPAIR - CORN	17.00	1.17	1.37	1.01	1.00	1.25
REPAIR - SEAWALL	24.00	1.17	1.37	1.01	1.00	1.25
REPAIR - CORN	12.00	1.17	1.37	1.01	1.00	1.25

**LIGHT FIXTURE SCHEDULE**

TYPE	DESCRIPTION	MANUFACTURER	MODEL NUMBER	WATTAGE	VOLTAGE	BEAM ANGLE	NOTES
FLS	REPAIR - CORN	OSRAM	OSRAM	100	120	30	OSRAM





A motion to approve the project as presented.

---

**MP07468 - 686 - REITZ UNION - REPAIR  
SOUTH TERRACE CONCRETE AND SEAWALL**

---

June 06, 2024

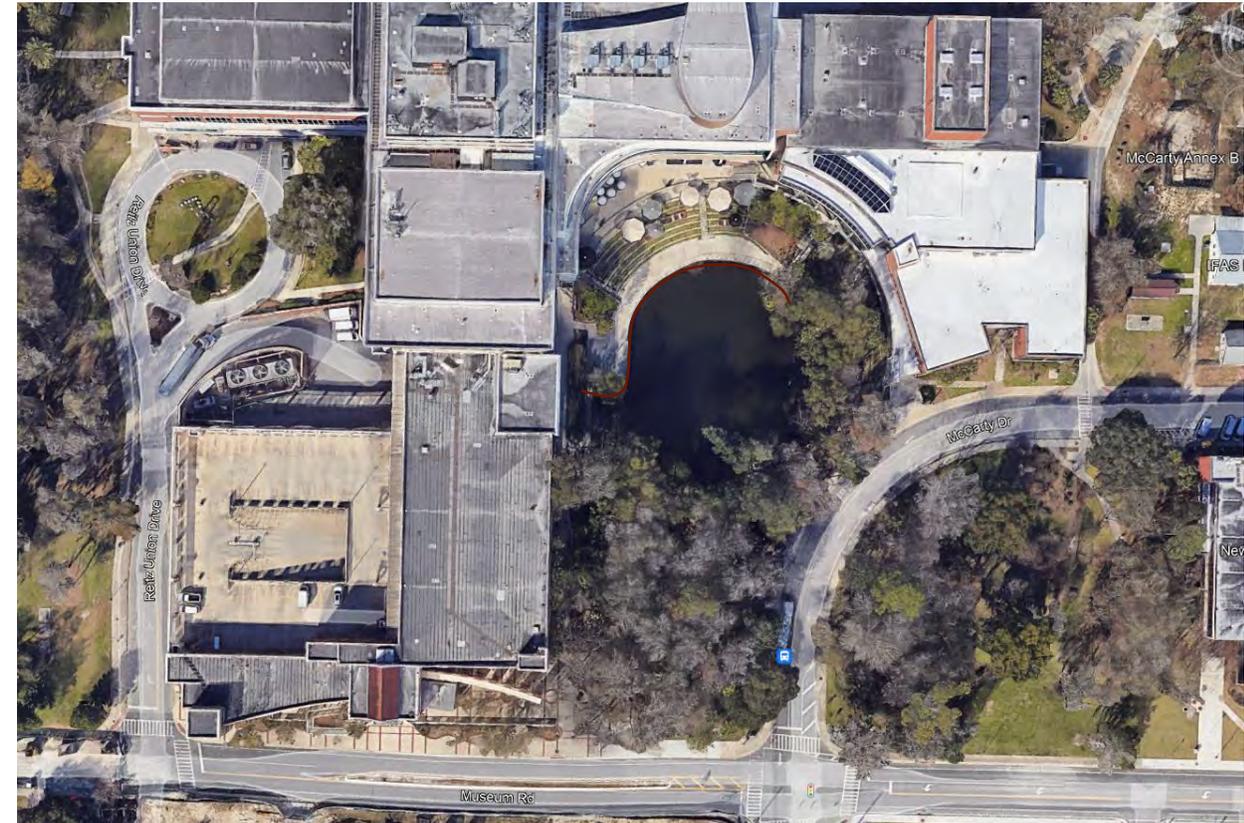


# MP04860 - 0686 - J. Wayne Reitz Union - Elevator Upgrades/ S. Terrace Renovations

Stephen Caron

## Project Overview

- The project is located at Liberty Pond, south of Reitz Union
- The next phase of the following project is to install (6) six water features attached to the seawall adjacent to Reitz Union pond (aka Green Pond or Liberty Pond) and adjacent to ADA ramp access
- The purpose of the project is to provide a space to sit/observe surroundings at Liberty Pond



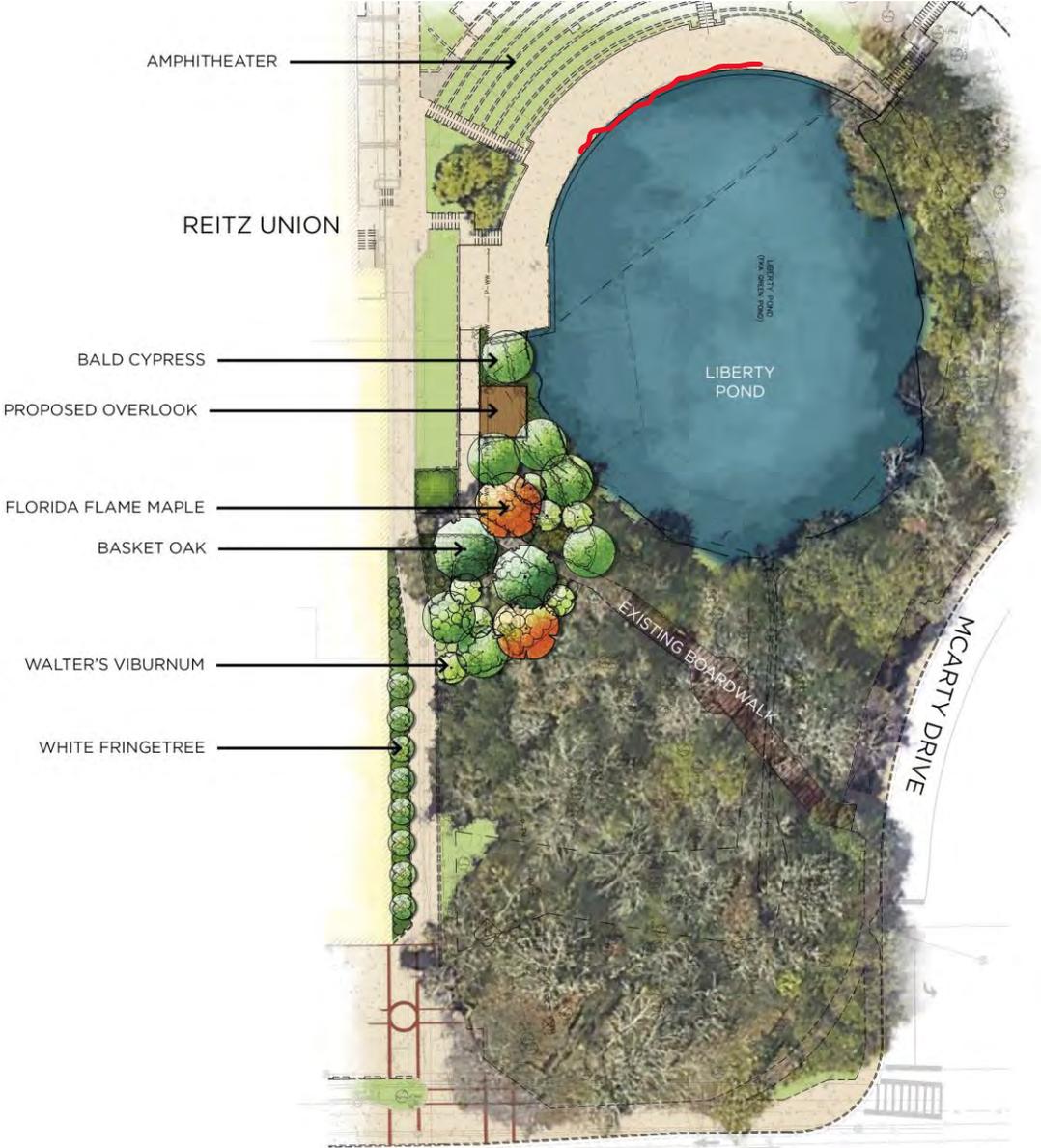






## Landscape Plan

- The project is located in Precinct 1





A motion to approve the project as presented.

---

**MP04860 - 0686 - J. WAYNE REITZ UNION -  
ELEVATOR UPGRADES/ S. TERRACE RENOVATIONS**

---

June 06, 2024

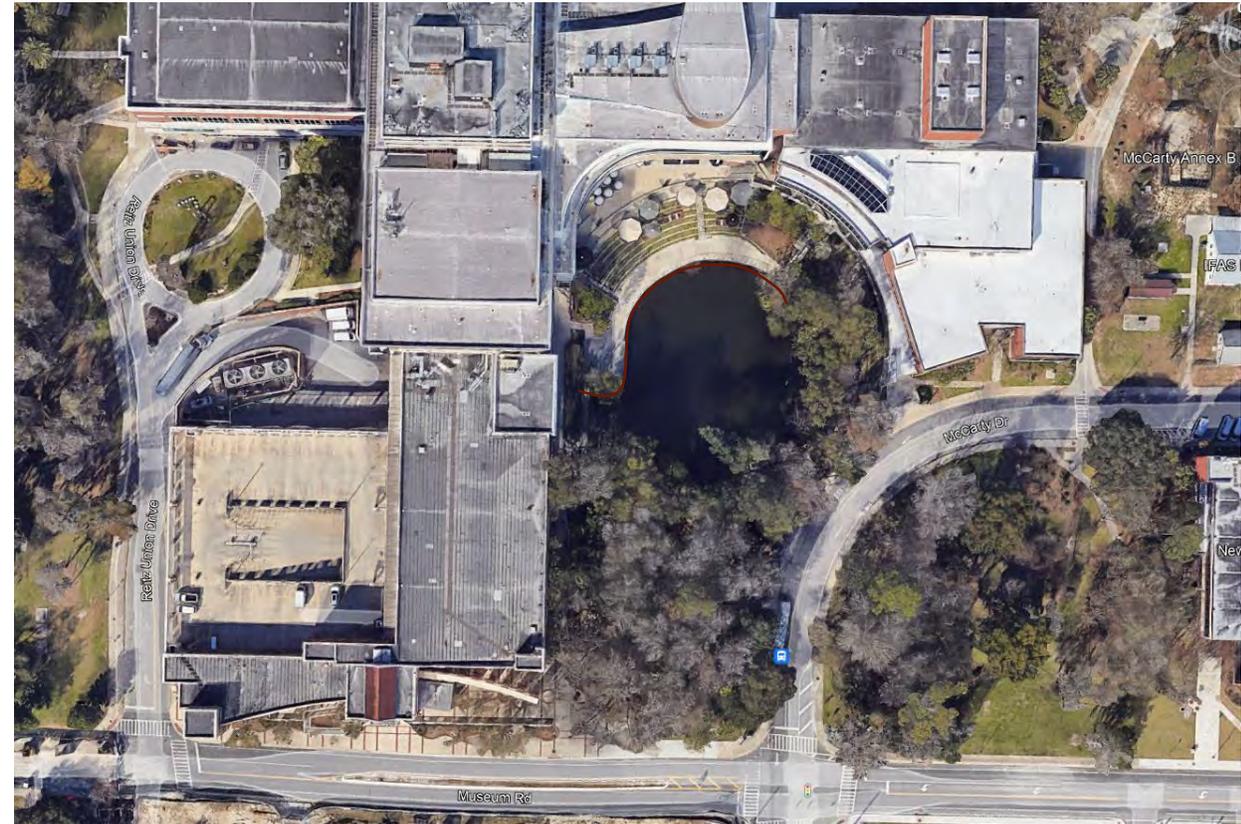


# MP06572 - Reitz Union Liberty Pond Boardwalk Outlook Social Space

Stephen Caron

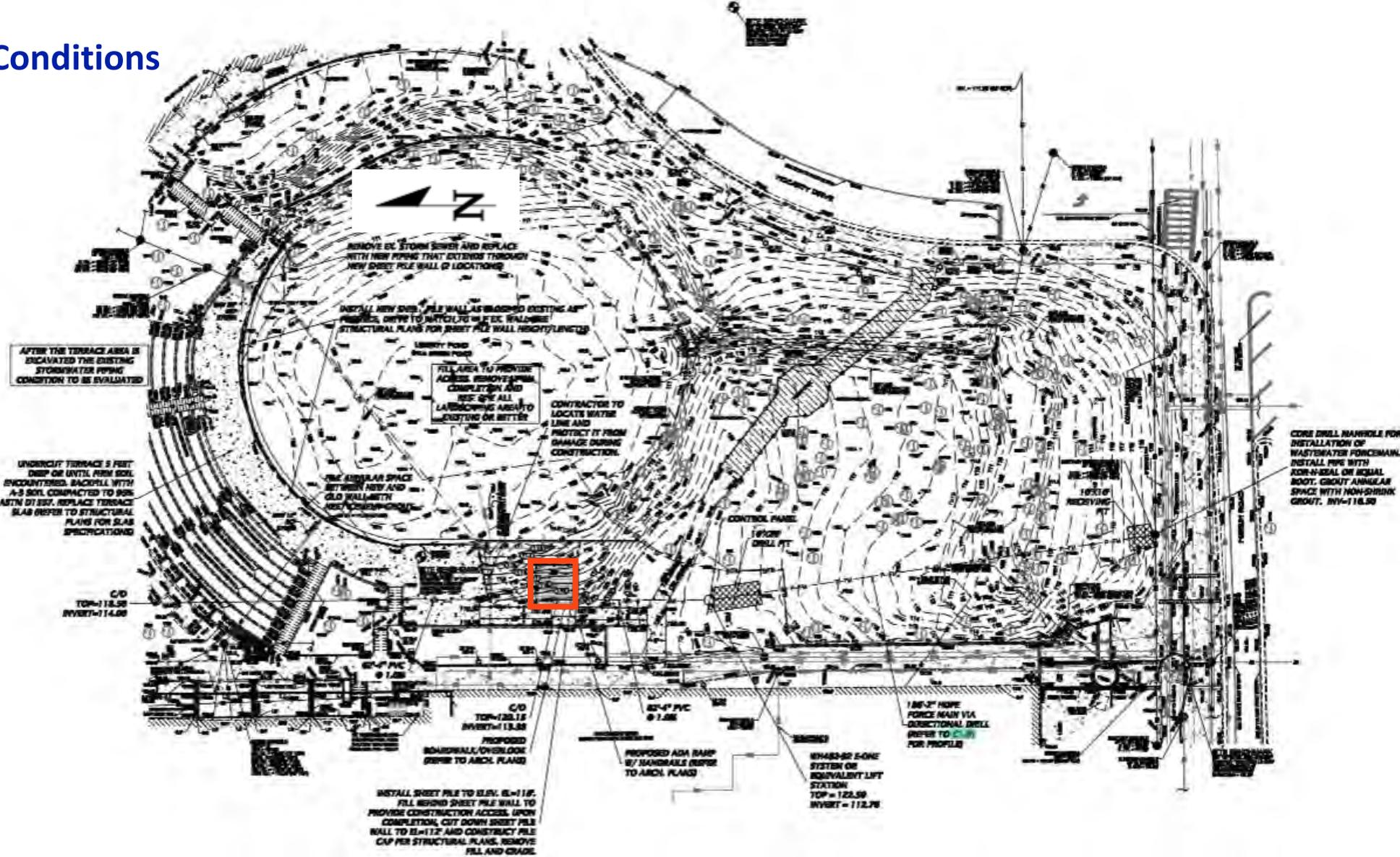
## Project Overview

- The project is located at Liberty Pond, south of Reitz Union
- The scope of the following project is to construct a boardwalk outlook adjacent to Reitz Union pond (aka Green Pond or Liberty Pond) and adjacent to ADA ramp access
- The purpose of the project is to provide a space to sit/observe surroundings at Liberty Pond



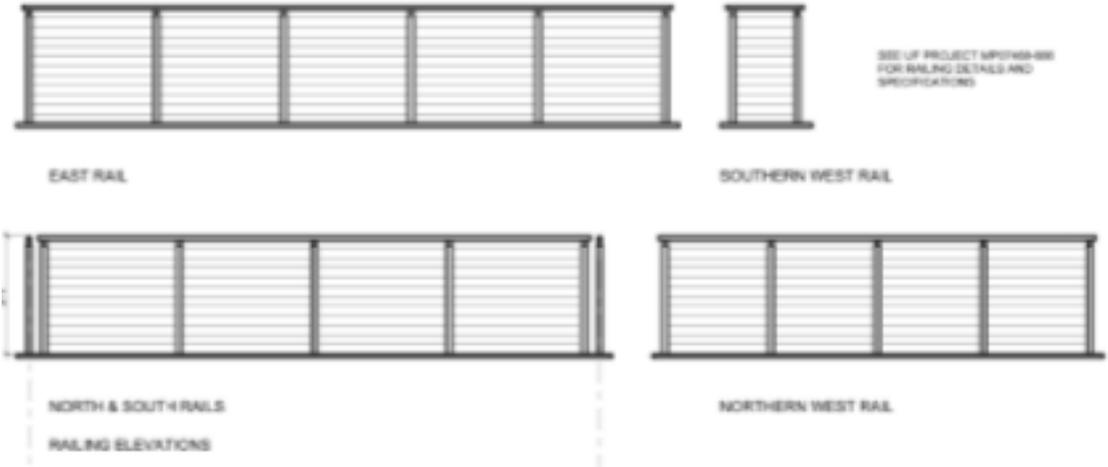
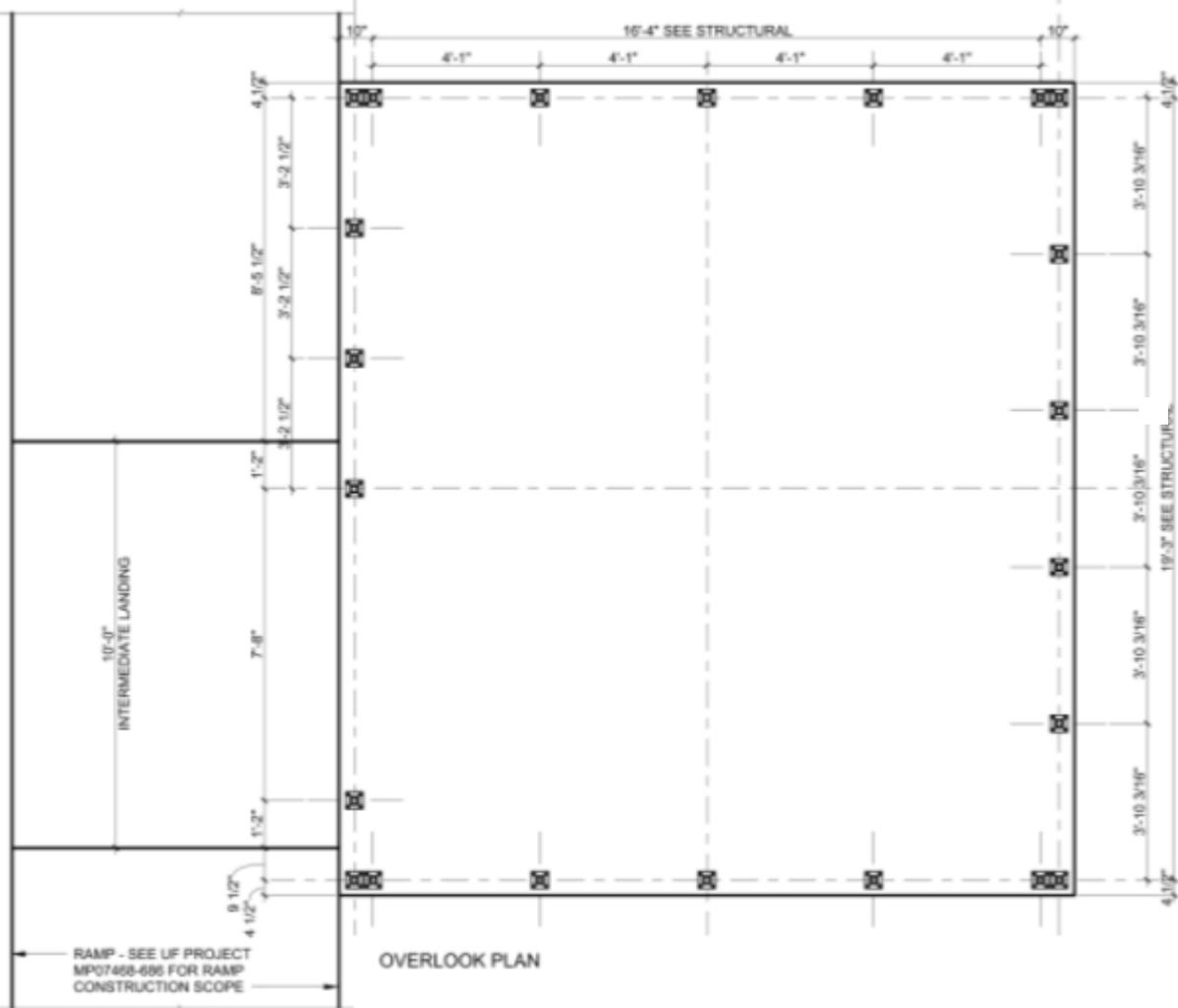
# MP06572 - Reitz Union Liberty Pond Boardwalk Outlook Social Space

## Site Overview & Conditions



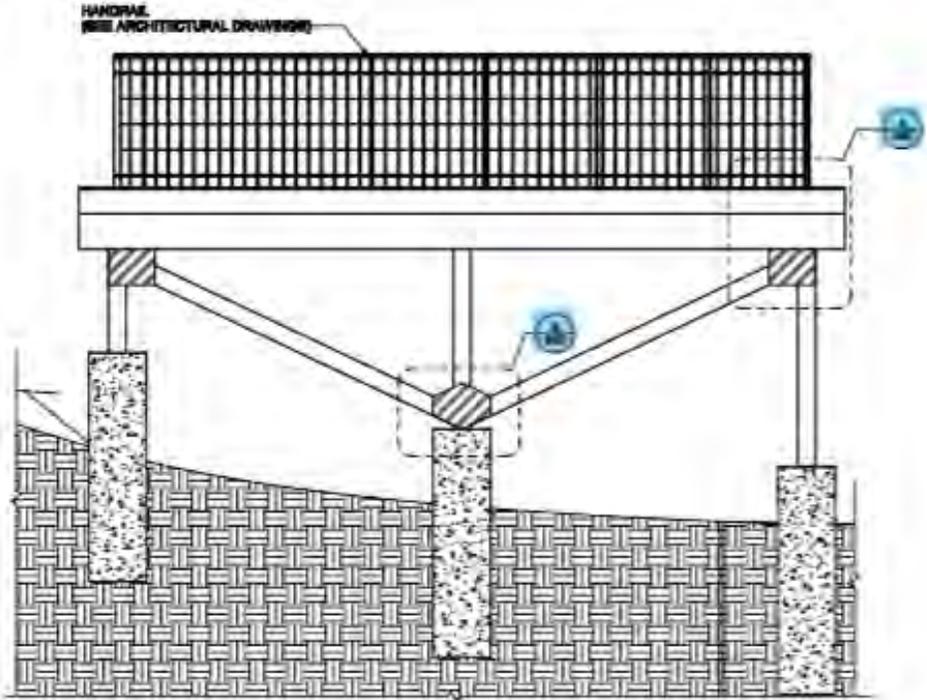
# MP06572 - Reitz Union Liberty Pond Boardwalk Outlook Social Space

## Overlook Plan

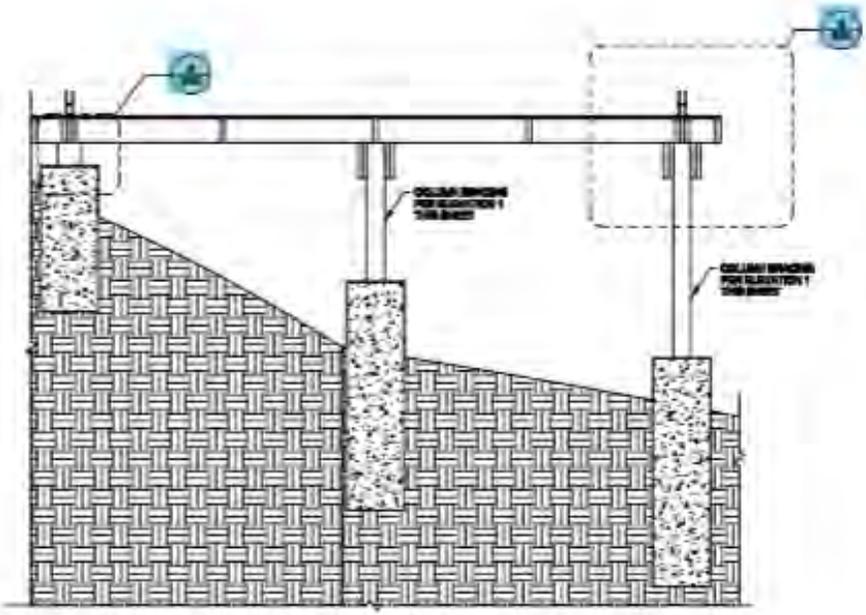


# MP06572 - Reitz Union Liberty Pond Boardwalk Outlook Social Space

## Framing and Materials



1 COLUMN BRACING ELEVATION  
0'-11"



2 BEAM END SECTION  
0'-11"

- NOTES:**
1. ALL FRAMING SHALL BE PRESSURE TREATED AND FASTENED WITH GALVINIZED FASTENERS.
  2. TREK DECKING MATERIAL SHALL BE INSTALLED PER MANUFACTURES SPECIFICATIONS.
  3. ALL STRUCTURAL FRAMING SHALL HAVE FLASHING TAPE INSTALLED ON THE TOP-SIDE, THE ENTIRE LENGTH, PRIOR TO INSTALLING FRAMING OR DECK FASTENERS.
  4. ALL BOLTS AND ACCESSORIES SHALL BE GALVINIZED.
  5. HANDRAILS, BLOCKING FOR HANDRAIL ATTACHMENT AND TREK DECKING NOT SHOWN FOR CLARITY.

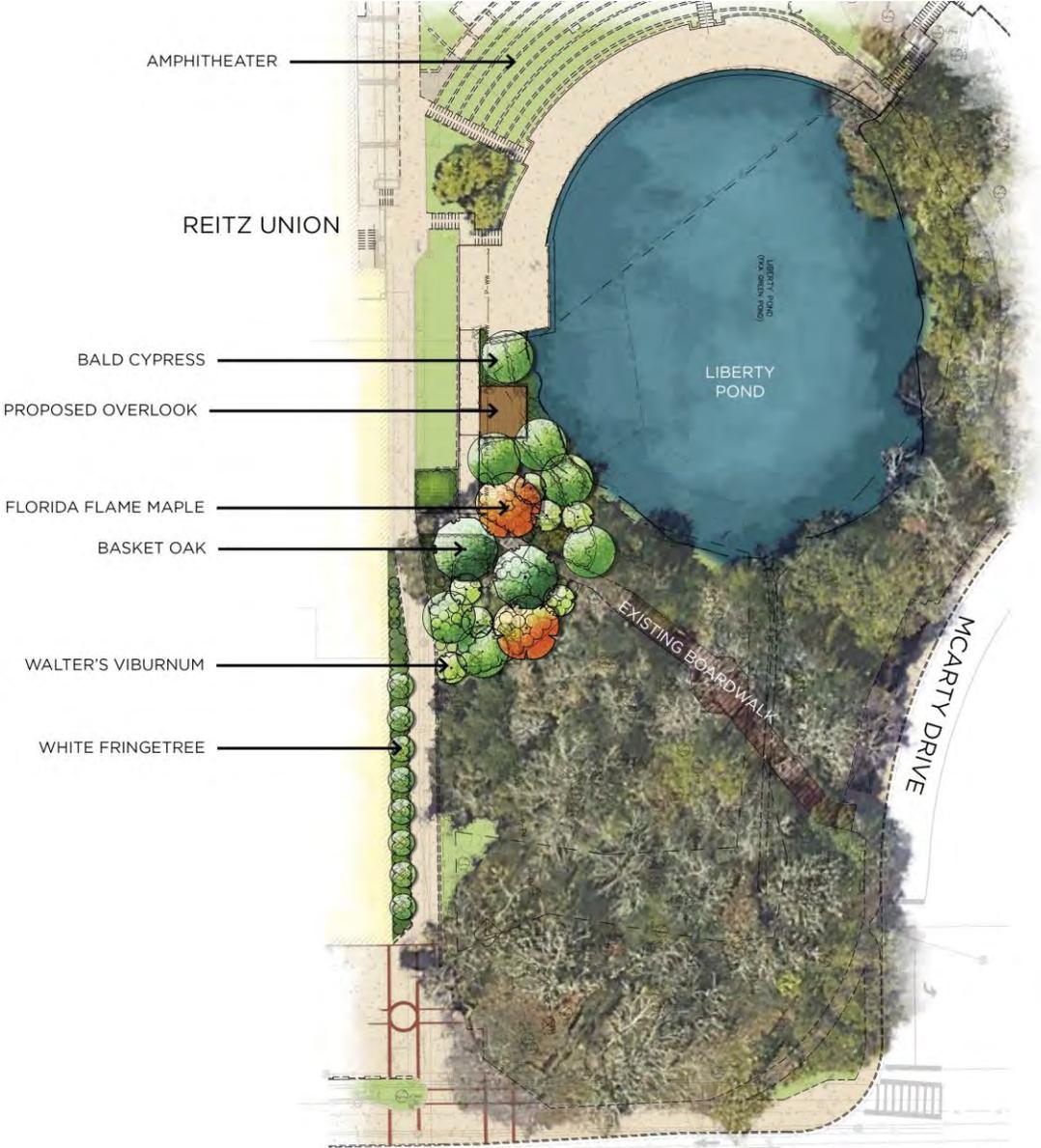
## Tree Impacts

- Project MP07468 - 686 - Reitz Union - Repair South Terrace Concrete and Seawall will result in the removal of 36 trees.
- No trees proposed for removal are heritage trees



## Landscape Plan

- The project is located in Precinct 1





A motion to approve the project as presented.

---

**MP06572 - REITZ UNION LIBERTY POND  
BOARDWALK OUTLOOK SOCIAL SPACE**