SCV Water Conservatory Garden

THE EDUCATION EXPERIENCE

Water Resources and Watershed Committee
May 13, 2020
Item No. 4

Pathway

- Process Review
- Design Concept Overview
- Completed/Ongoing Activities
- Financial Implications
- Recommendations

Process Overview

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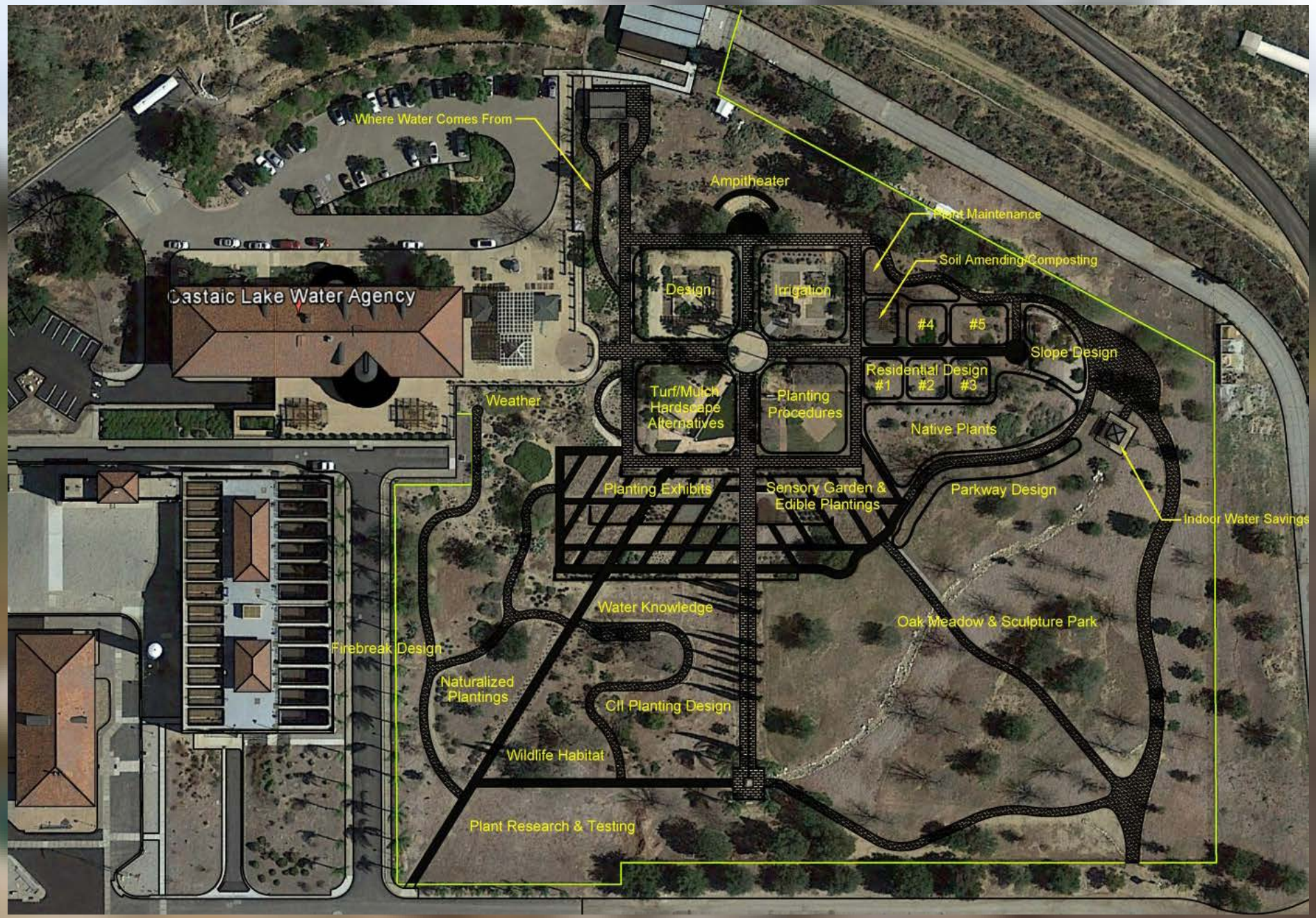
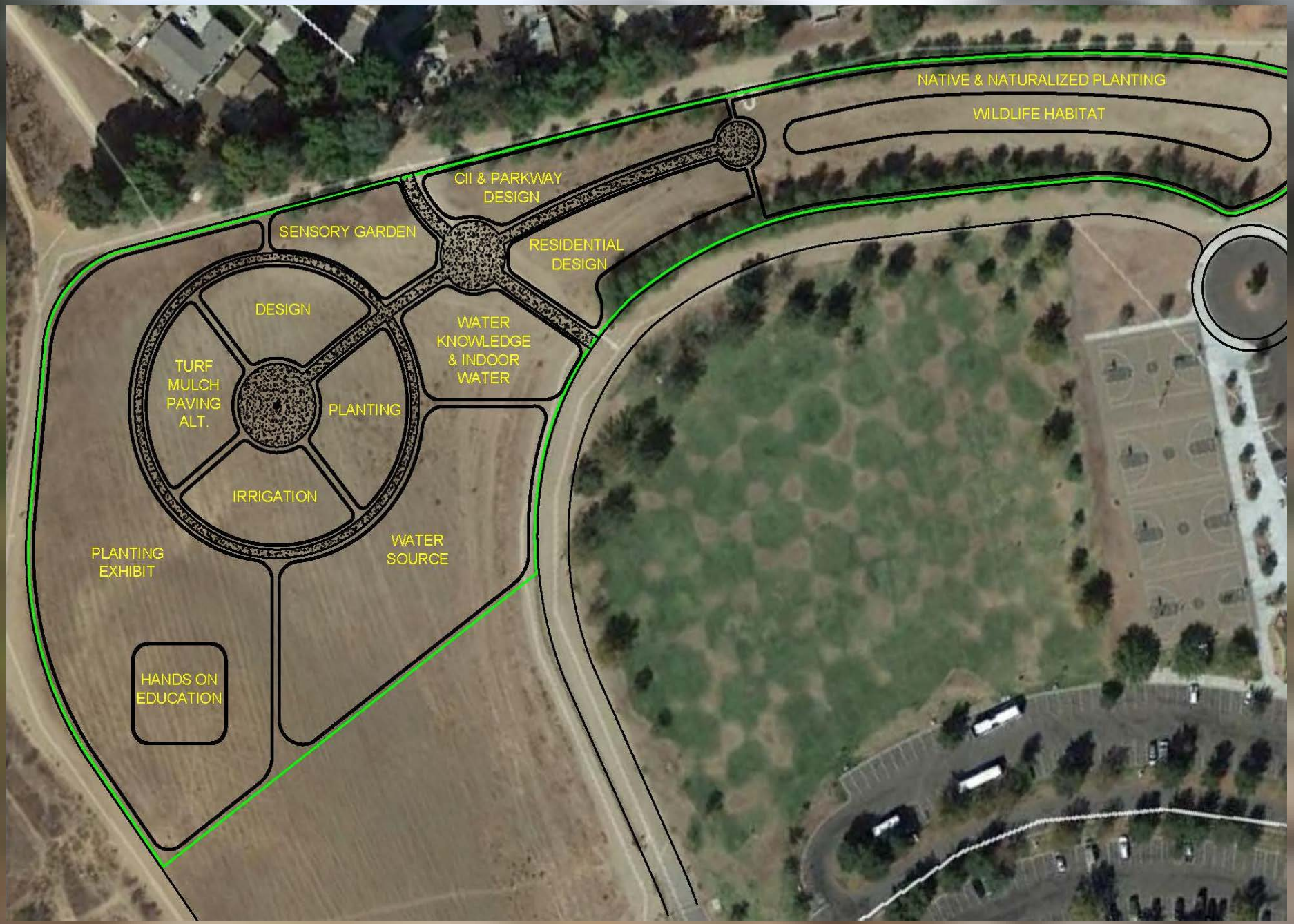
Groundwork

- Assessed Three Options
- Leveraged Legacy Work
- Incorporated Stakeholder Input
  - Committee Recommendation
  - Management Review
  - Water Conservation Educators

Option A

- Conceptual Garden Design
- Uses Current Location
- Improves Education Resources
- Limited Access
- Estimated Cost = $3.5 Million





Option B

- Central Park Garden Design
- Maintains Current Facility
- Improves Education Resources
- Improved Access
- Estimated Cost = $3.9 Million

Option C

- Scaled Garden & Pocket Parks
- Utilizes Current Area
- Reduces Size (~8 acres to <1acre)
- Modernizes Landscape and Irrigation Practices

Option C

- Scaled Garden & Pocket Parks
- Improves Education Resources
- Expands Access
- Estimated Cost = $1.4 Million

Design Concept Overview

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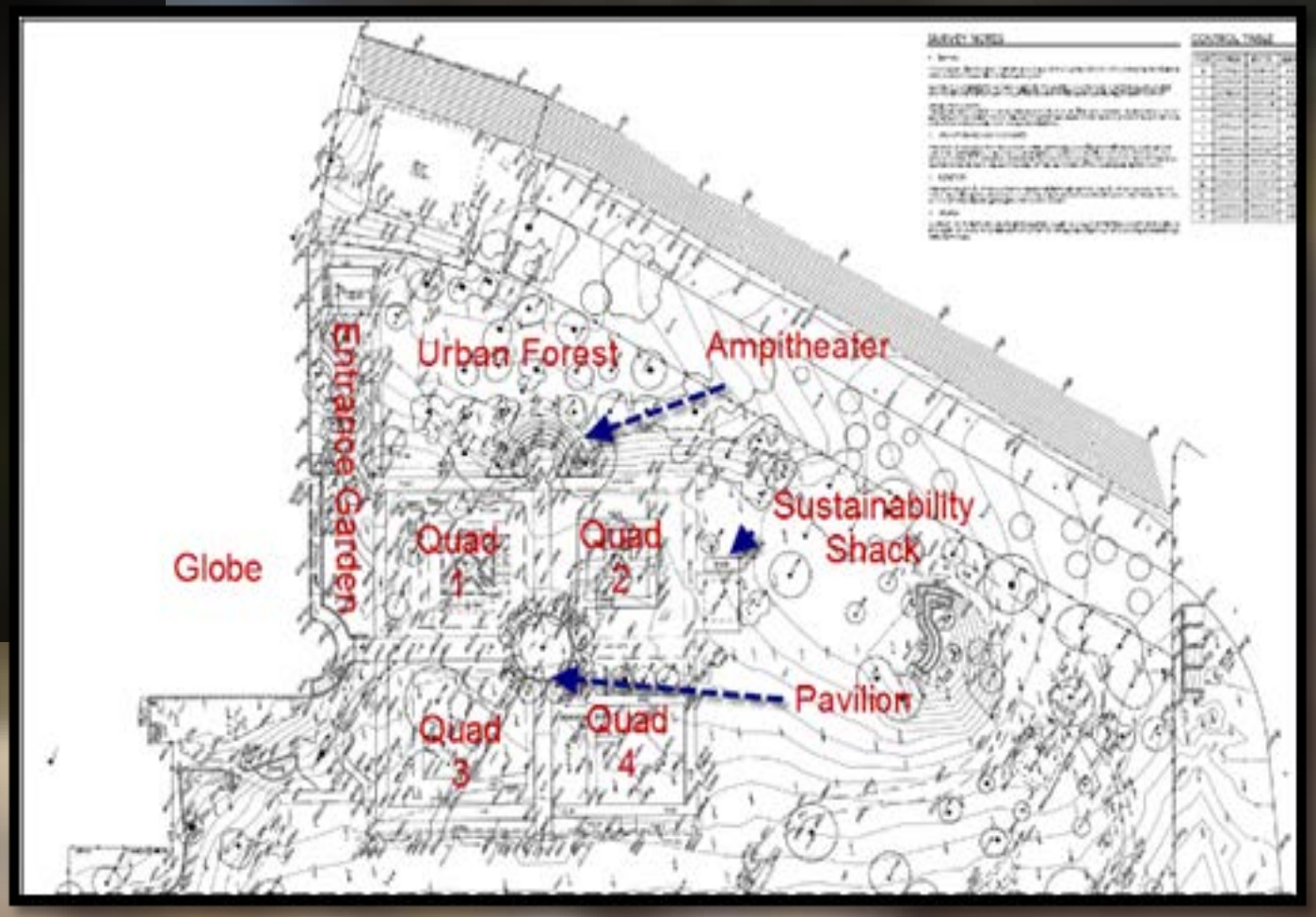
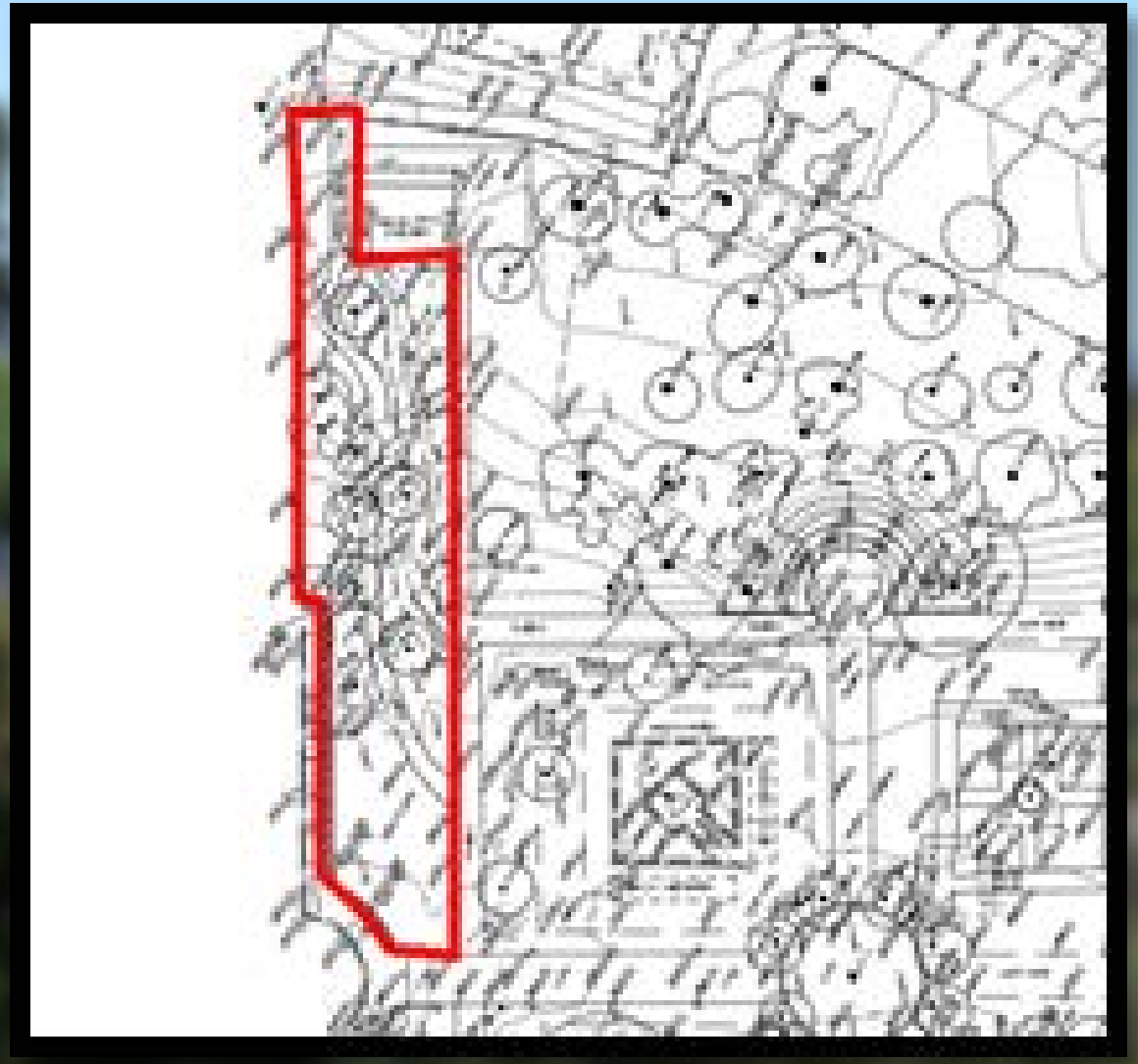
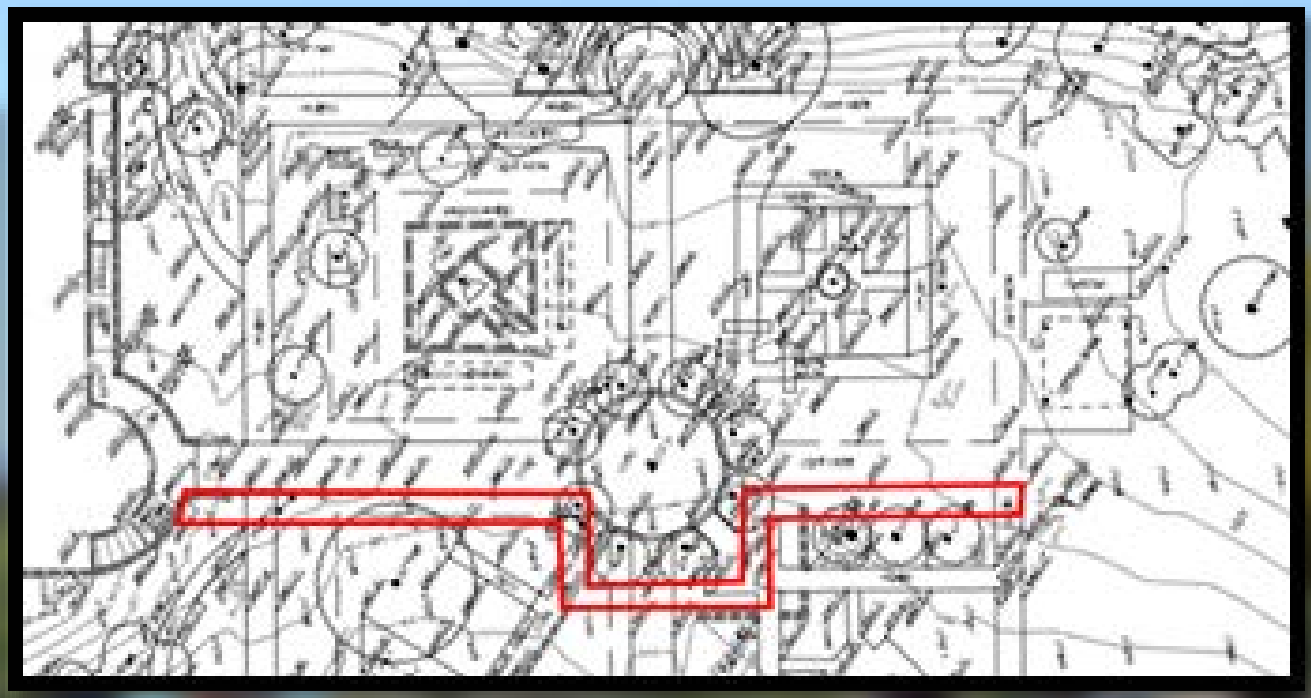
Design Concept

- Transformation – Garden & Exhibit Space
- Supports Child & Adult Education Programs
- Incorporated Stakeholder Input
  - Committee Recommendation
  - Management Review
  - Water Conservation Educators
  - Conservation Staff



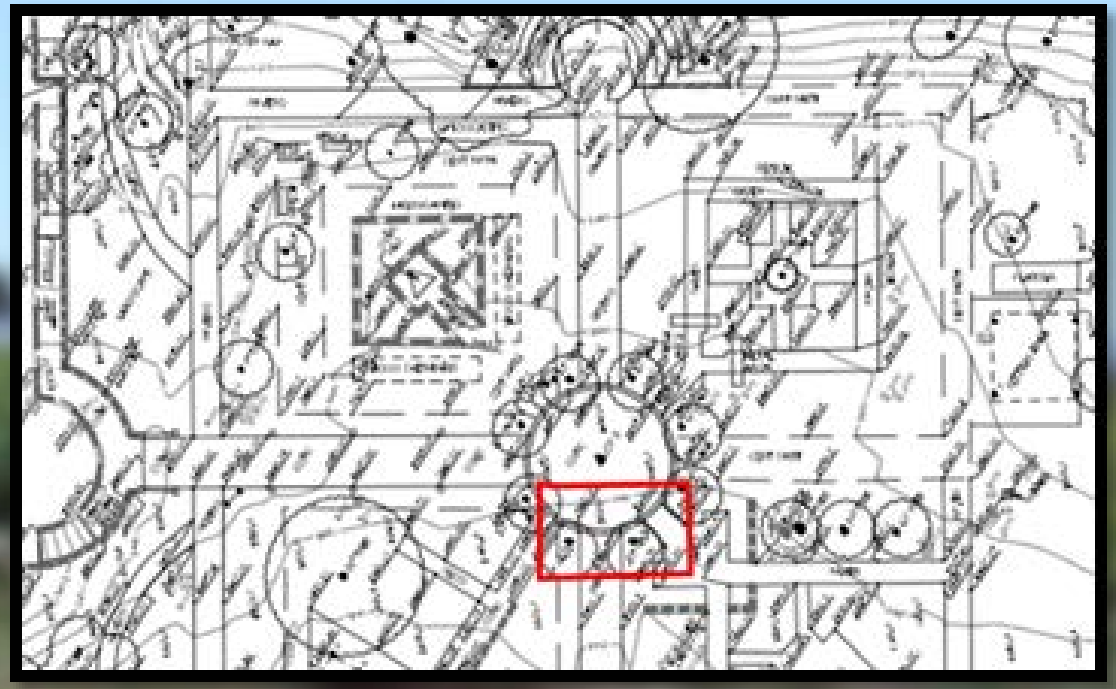
Entrance Garden





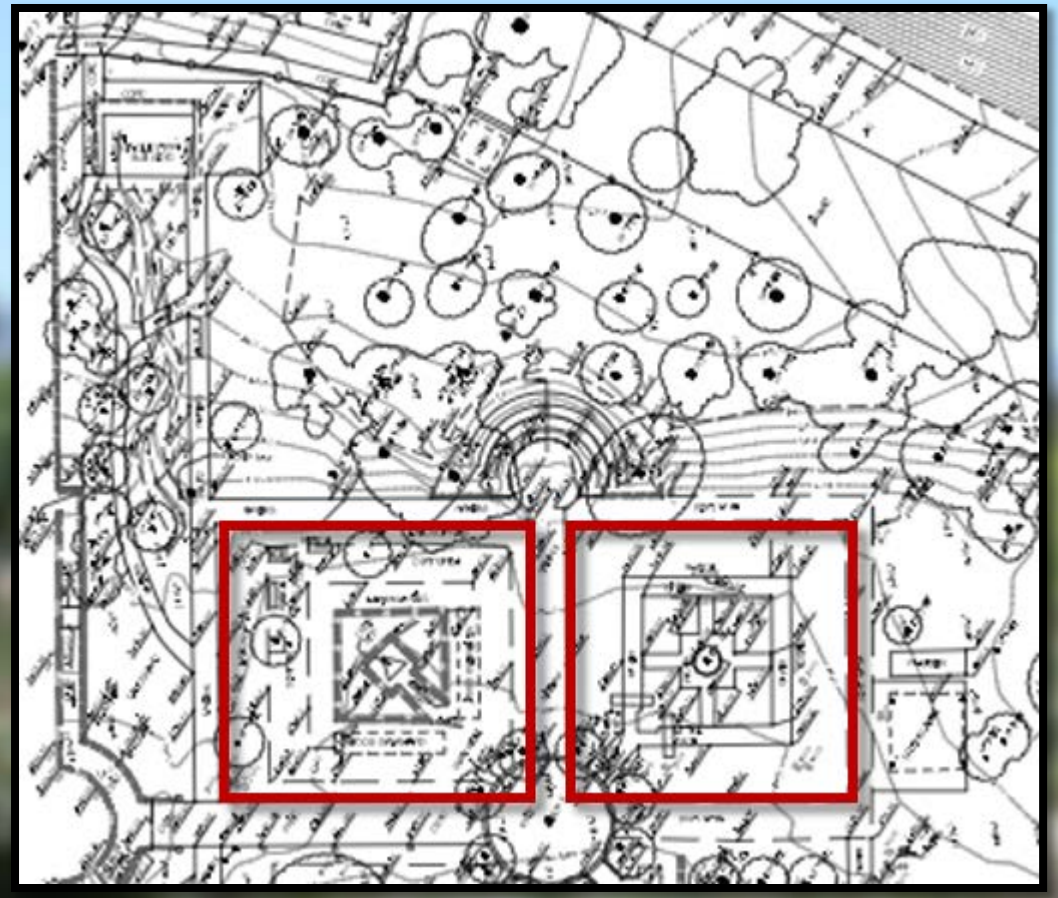
Pruning Garden

Garden Pavilion



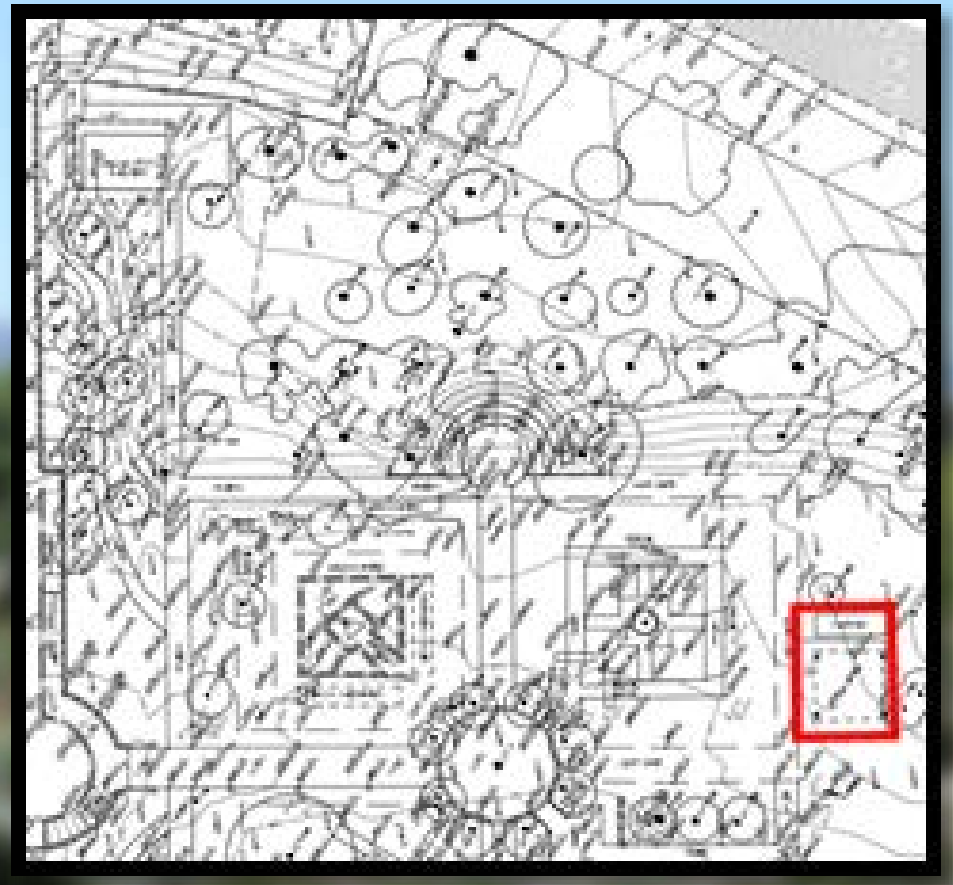
Outdoor Classroom/Meeting Space

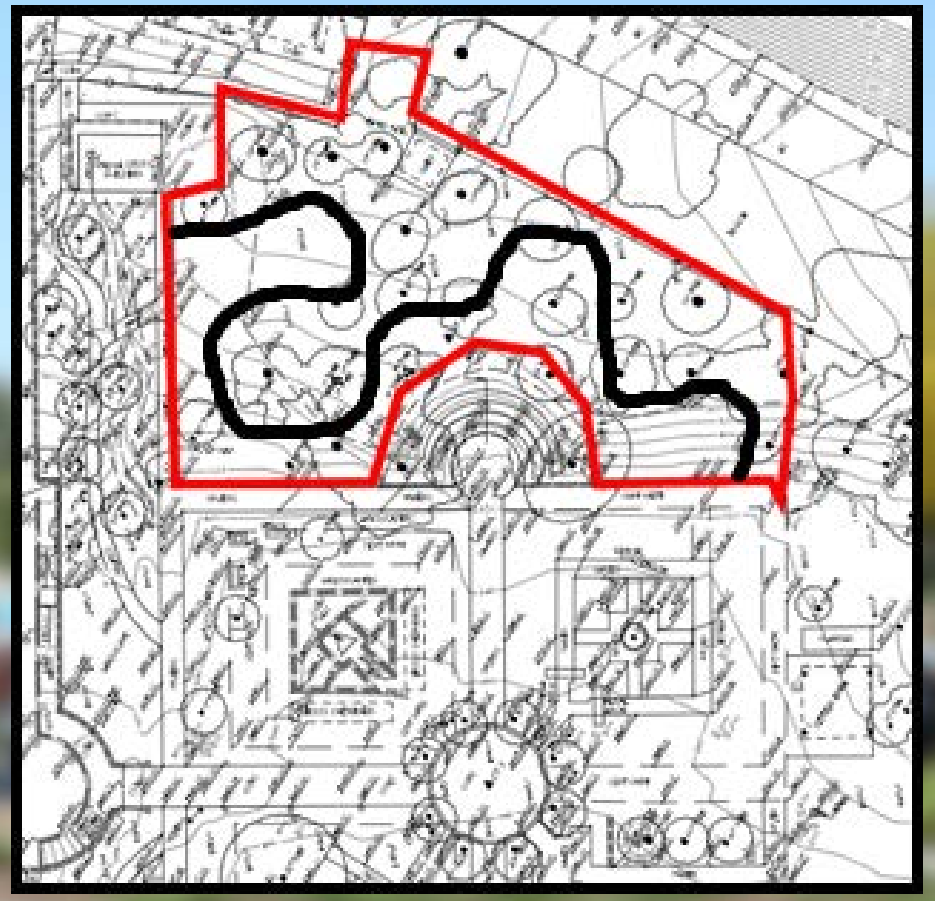
Exhibit Space



Permanent Shade Structures, Utilities, Exhibits

Sustainability Shack





Urban Forest

Completed and Ongoing Activities

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Completed Activities

- Site ADA Audit
- Site Topo Map
- RFP for Design

Ongoing Activities

- Authorize Engineering Design Proposal
- Exhibit Design
- Biological Survey

Conservatory Garden and Bridgeport Pocket Park Project Schedule

Items			FY 19/20		FY 20/21												FY 21/22											
Project	Activity	Status	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22
Conservatory Experience	Design	Committee and Board Approval																										
	Construction RFP	TBD																										
	Construction Set Up	TBD																										
	Construction	TBD																										
EX	Exhibit Design	In Progress																										
	Exhbite Fabrication	TBD																										
BPP	Design	Awaiting City Approval																										
	RFP	TBD																										
	Construction Set Up	TBD																										
	Construction	TBD																										
	Engagement	TBD																										

Financial Implications

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Financial Implications

Option A

$3.5 Million

(Estimate)

Option B

$3.9 Million

(Estimate)

Option C

$1.4 Million

(Estimate)

Financial Implications

Option C – Updated Cost Estimates

Conservatory Garden Refurbishment (Cost Actuals and Estimates)

Garden Components	Actual or Estimate	FY 19/20	FY 20/21	FY 21/22	Total
Conservatory Garden					
Planning Support*	Actual	$13,500.00	$ 15,593.00		$ 29,093.00
Site Design**	Actual		$184,041.00		$ 184,041.00
Site Construction	Estimate		$300,000.00	$ 1,000,000.00	$ 1,300,000.00
Construction Management, Inspection, Engineering Services	Estimate		$ 75,000.00	$ 250,000.00	$ 325,000.00
State Water Project Exhibit					
Exhibit Design	Actual	$50,000.00	$ 25,000.00		$ 75,000.00
Fabrication Estimate	Estimate		$ 75,000.00	$ 75,000.00	$ 150,000.00
Total		**$63,500.00**	**$674,634.00**	**$ 1,325,000.00**	**$ 2,063,134.00**

Notes:

*Includes ADA Compliance Audit, Site Topo Map, Storm Water Pollution Prevention Plan (SWPPP), and CEQA support.

**Budget for Conservatory Garden Refurbishment Engineering Design Services

Recommendations

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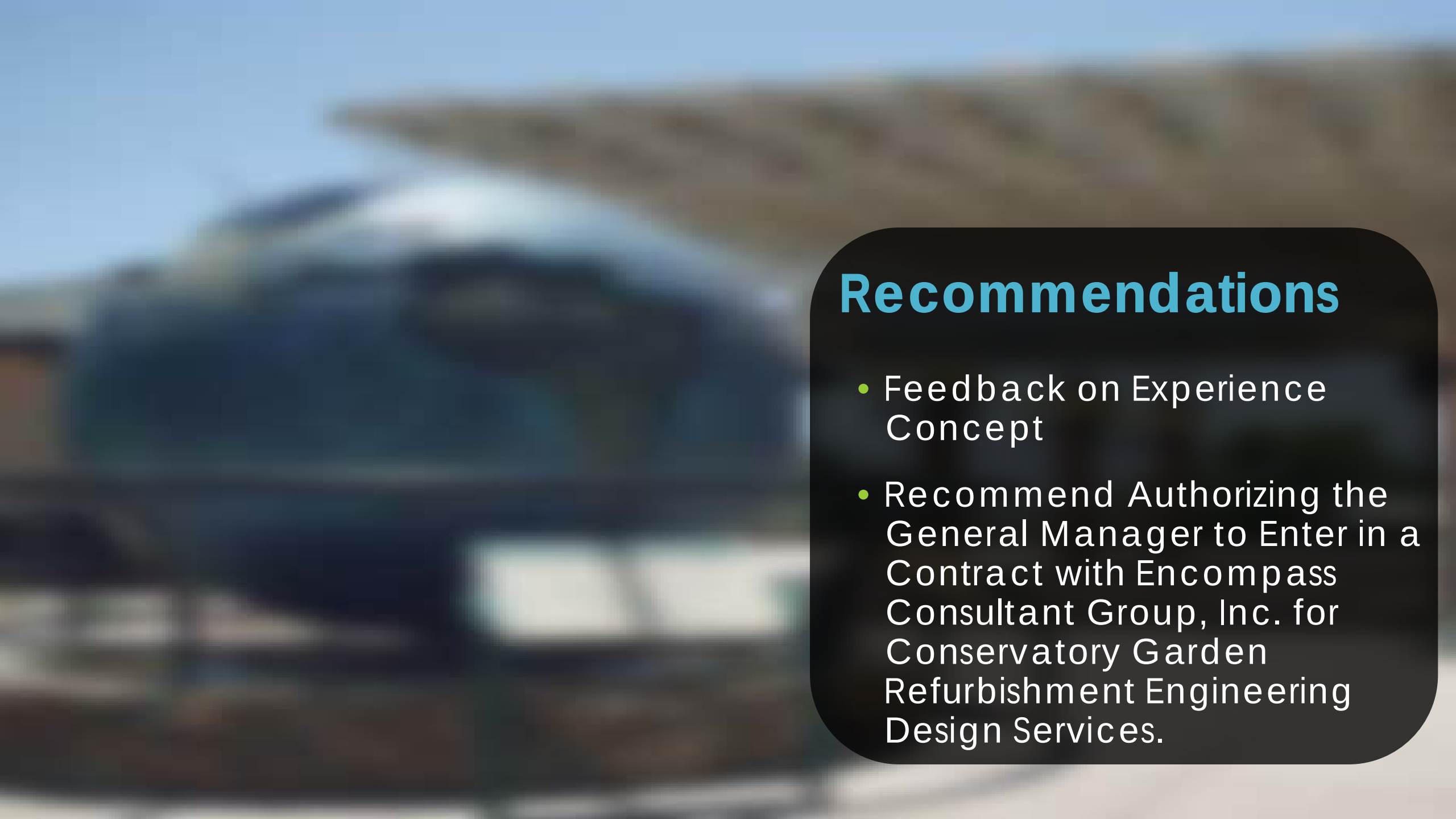

Recommendations

- Feedback on Experience Concept
- Recommend Authorizing the General Manager to Enter in a Contract with Encompass Consultant Group, Inc. for Conservatory Garden Refurbishment Engineering Design Services.

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