

El Paso Deck Plaza Sustainability

An Environmental Showcase

SUSTAINABLE & RESILIENT DESIGN STRATEGIES

□ Sustainable Site:

- Access to Public Transportation
- Multimodal Accessibility
- Storm Water Management
- Native Horticultural Gardens
- Reduction in Air Pollution
- Reduction in Noise Pollution
- Access to Public Open Space

□ Materials & Resources:

- “Green” Building Methods & “Green” Construction Materials
- Designed for Low Maintenance

□ Water Efficiency:

- High-Efficiency Irrigation
- Recycled Stormwater / Use of Reclaimed Water
- Highly efficient fixtures to minimize the use and maximize the efficiency of water usage in the park

□ Energy & Atmosphere / Outdoor Environmental Quality:

- Shade
- Wind Mitigation
- Education Program
- Highly Efficient Lighting
- “Green” Source Power / Energy (e.g. On-site Solar & wind energy production, Offsite “green” energy supply)

ANTICIPATED ENVIRONMENTAL BENEFITS

- **Improved Air Quality:** This park will help reduce air pollution by absorbing carbon dioxide and other pollutants by adding green spaces.
- **Noise Reduction:** The vegetation and park structures can act as sound barriers, reducing noise pollution from the freeway.
- **Stormwater Management:** The park can improve stormwater drainage and reduce runoff, which helps prevent flooding and water pollution.
- **Enhanced Biodiversity:** They provide habitats for various plant and animal species, promoting urban biodiversity.
- **Heat Island Mitigation:** The green spaces can help lower temperatures in urban areas, combating the urban heat island effect.

Additionally, cap parks like this reconnect communities divided by highways, creating more cohesive and livable urban environments.

El Paso Deck Plaza Safety

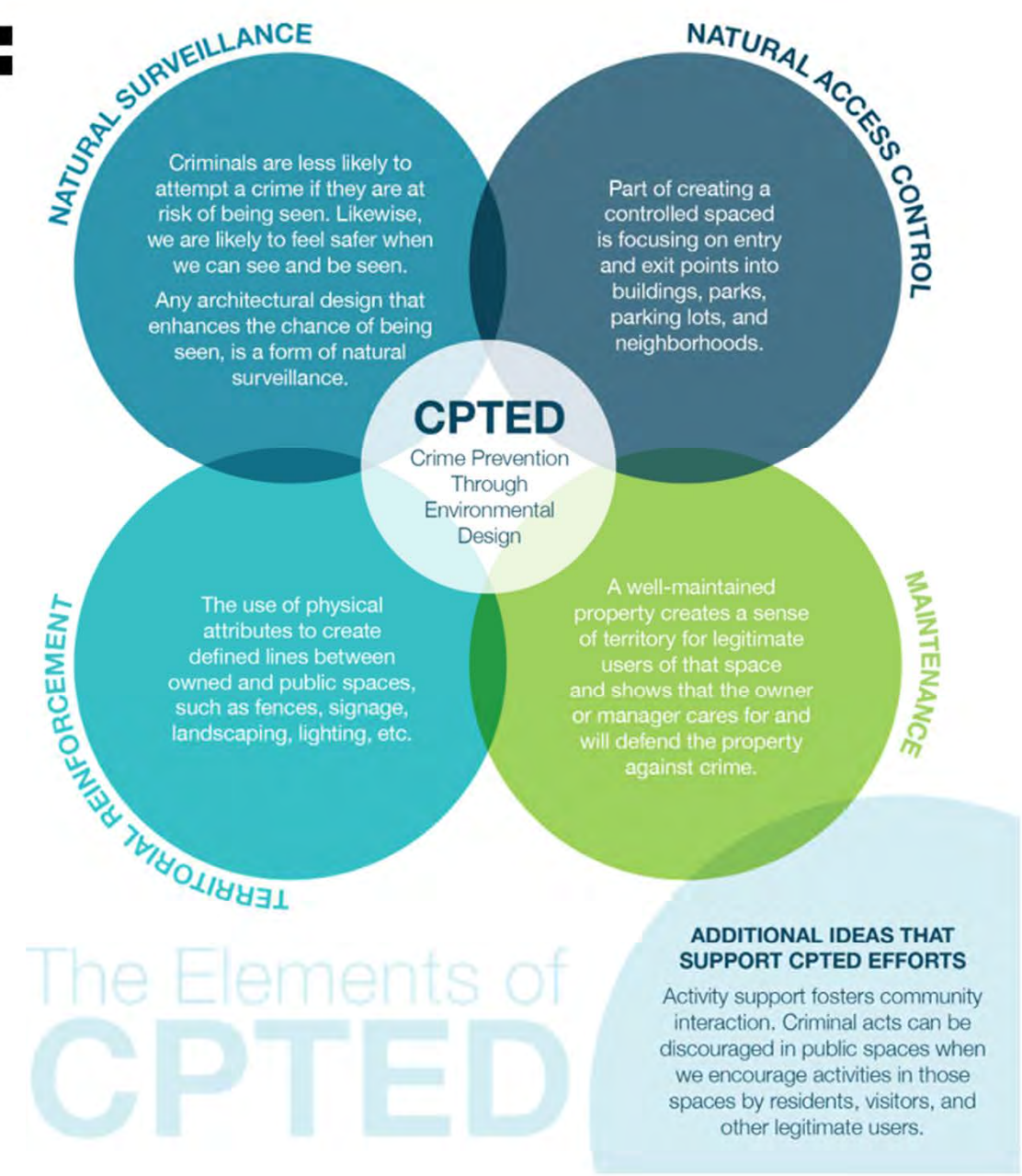
Integration of Safety:

- LIGHTING
- VIGILANCE
- MAINTENANCE
- ACTIVITIES & USES

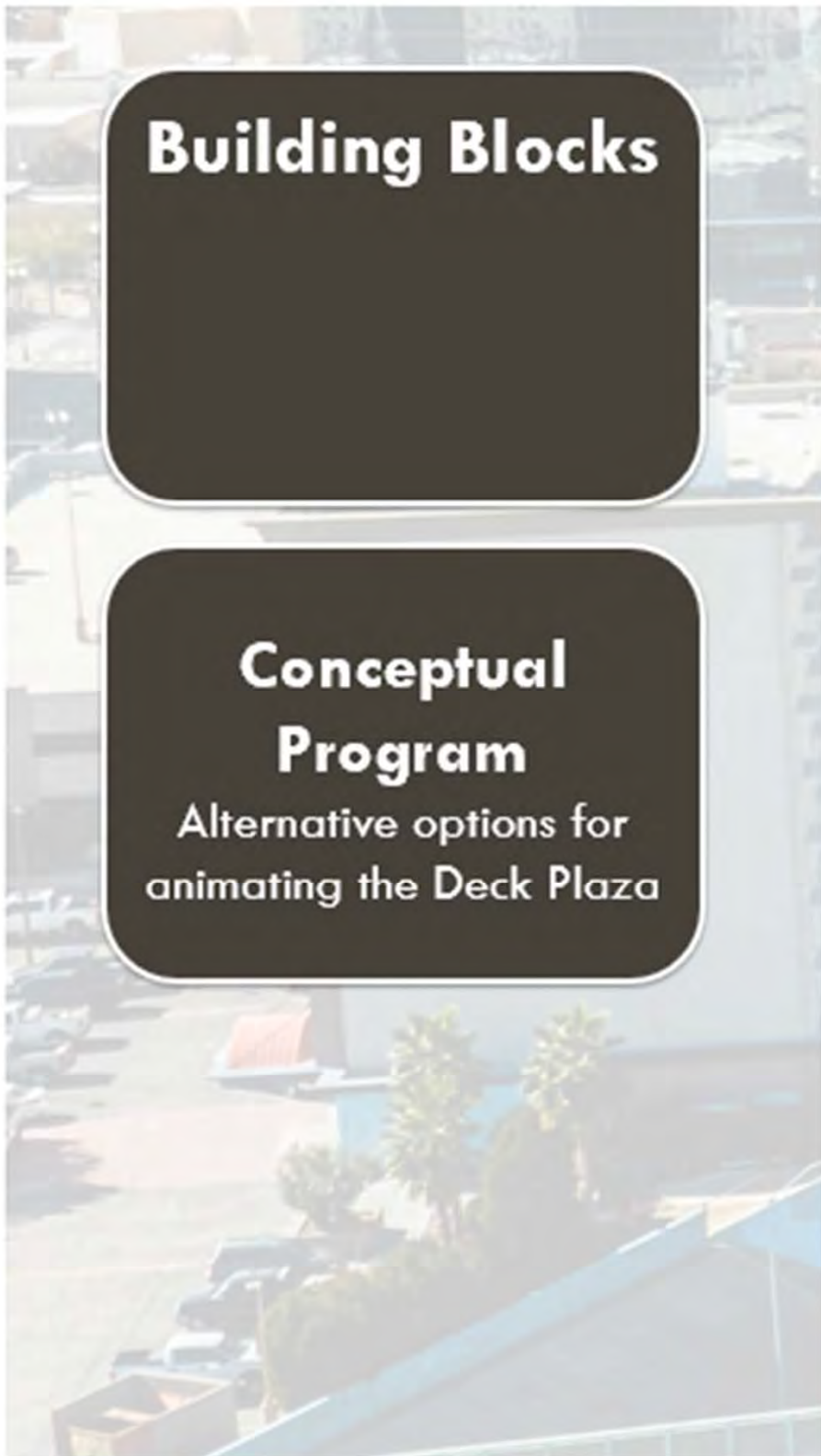
Safety by Design:

Using Principles of Crime Prevention through Environmental Design (CPTED) in Urban Parks.

- Access: Safe movement and connections
- Surveillance and sightlines: See and be seen
- Layout: Clear and logical orientation
- Activity mix: Eyes on the street
- Sense of ownership: Showing a place is cared for
- Quality Environments: Well-designed, managed, and maintained environments
- Physical protection: Using active security measures



Deck Plaza Update - Schematic Plan



- CAC Feedback:**
- > Which program ideas get you most excited and capture the spirit of El Paso?
 - > What uses feel appropriate for the “core” versus the “edges”?
 - > What are we missing that you see as critical to the plan?

CAC Feedback

Community feedback is an important part of the feasibility study.

February - March 2023: Community Meetings (Series 1) Hear Community Feedback. Reuniones Comunitarias (Serie 1) Para escuchar las opiniones de la comunidad.

March - April 2023: Develop alternatives based on community feedback. Desarrollo de alternativas con base en la retroalimentación de la comunidad.

April 2023: Community Meetings (Series 2) Present findings to the community. Reuniones Comunitarias (Serie 2) Para presentar los resultados a la comunidad.

La opinión de la comunidad es una parte importante del estudio de viabilidad.

Mend Public Engagement Jan-Feb 2023

- 20 1-on-1 Interviews w/ stakeholders, neighborhood associations, business owners, residents, non-profits

Stantec Public Meetings Feb-April 2023

- 3 Community Advisory Committee Meetings
- Feb 27-Mar 1, April 17-20
- <https://www.downtowndeckplaza.org/project-library>

Public Input

El Paso Deck Plaza Programming

Program Development Testing Diagram 1

EVERYDAY AMENITIES	CORE PROGRAMMING	WEEKLY PROGRAMMING	MONTHLY PROGRAMMING	SPECIAL EVENTS
• Native Horticultural Gardens • Movable Seating & Tables • Wi-Fi Internet • Bike Share/ Rentals • Bike Racks • Rotating Exhibits – History / Art / Cultural / Seasonal • Games & Sports: Futsal / Board Games / Bocce Ball / Pickleball / Tossing Games / Shuffleboard • Children's Play Area • Dog Play Zone • City and Plaza View Overlooks • F&B: Fruit, Ice Cream, and Candy Carts • F&B: Farmer's Market • F&B: Food Trucks • El Paso Visitor Center • Flexible Open Spaces • Signature Fountain / Water Features • Informational & Interpretive signage (for Horticulture, El Paso..) • Shaded Seating • Shaded Walking Paths / Promenade • Performance Stage • Artwork • Restrooms	• Park Calendar of Events • Horticultural and gardening workshops • Fitness Classes • Yoga • Arts & Culture Workshops • Movie Nights • Walking Club	• Movie Nights • Children's Storytime • Music Concert Series • Dance Nights • Reading and Lecture Series • Farmer's & Craft Market • Arts & Crafts Classes • Happy Hour • Dog Owner Socials • Language Classes	• Music and Cultural Performances • Specialty Markets • Health & Wellness Classes & Seminars • Book Club • Cooking Classes • Sound & Light Show	• Large Concerts • Holiday Events • Festivals

Programming Elements

TEST CASE 1

2024/ Alt I Limit of Deck Park

Preferred Program Diagram



El Paso Deck Plaza | 5 Minute Walk Diagram

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PROGRAM AREAS

PHASE I

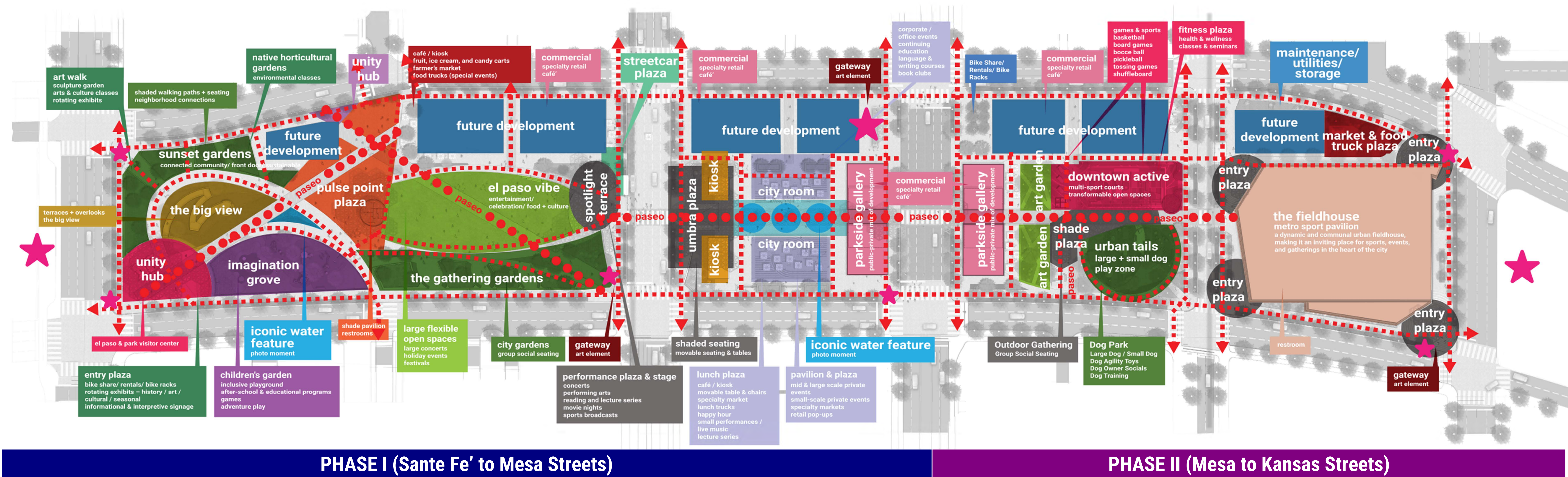
Sante Fe' to Oregon Streets	Overall Square Footage	147,285 SF
Sunset Gardens		9500 SF
City Gardens		3700 SF
The Big View		6500 SF
Imagination Grove/ Children's Discovery Garden		9000 SF
El Paso Vibe - Entertainment and multi-function open space		25000 SF
Visitors Building, Restrooms, Storage, and Misc. Structures		3095 SF
Plazas and Paseos		20000 SF
Shaded Areas		19500 SF
Water Features		910 SF
Future Development Sites		11000 SF

Oregon to Mesa Streets	Overall Square Footage	70,300 SF
Parkside Gallery Footprint		10950 SF
City Room Plaza		10100 SF
Park Kiosk/ Café/ Retail		2500 SF
Plazas and Paseos		22200 SF
Shaded Areas		10350 SF
Water Features / Central Pop Jet Fountains		4200 SF
Future Development Sites		15000 SF

PHASE II

Mesa to Stanton Streets	Overall Square Footage	76,743 SF
Parkside Gallery Footprint		10950 SF
Downtown Active/ Games, Sports courts, and seating		11000 SF
Art Gardens		7000 SF
Dog Park for Large and Small Dogs		10800 SF
Plazas and Paseos		7300 SF
Shaded Areas		5870 SF
Future Development Sites		15000 SF

Stanton to Kansas Streets		Overall Square Footage
The Fieldhouse Footprint		77,800 SF
Plazas and Paseos/ Forecourt and Food Truck Plazas		37320 SF
Shaded Areas		10300 SF
Future Development Sites		3600 SF
		10000 SF



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