



Pinecrest Gardens Upper Garden Conceptual Site Design

Concept Document - March 2020





Learning Center



Playground



Learning Garden



Petting Zoo



New Restroom Building



PLAYGROUND PLAN



LEGEND

- 1 Lincoln Lizard Play Feature / ADA Ramp
- 2 Play Mound
- 3 Felicia Frog Play Feature (Small Children)
- 4 Sway Fun Rocker with ADA access ramp
- 5 3-Bay Swingset
- 6 Spinners (We-Go-Round and Tipi Carousel)
- 7 Roller Slide
- 8 Musical Play Element (3)
- 9 Main Path (8' width)
- 10 New Restroom Building (3 family stalls)
- 11 New Pump House
- 12 New Seating Area
- Existing Planting Areas
- New/Removed Planting Areas
- Pour-in-Place Safety Surfacing

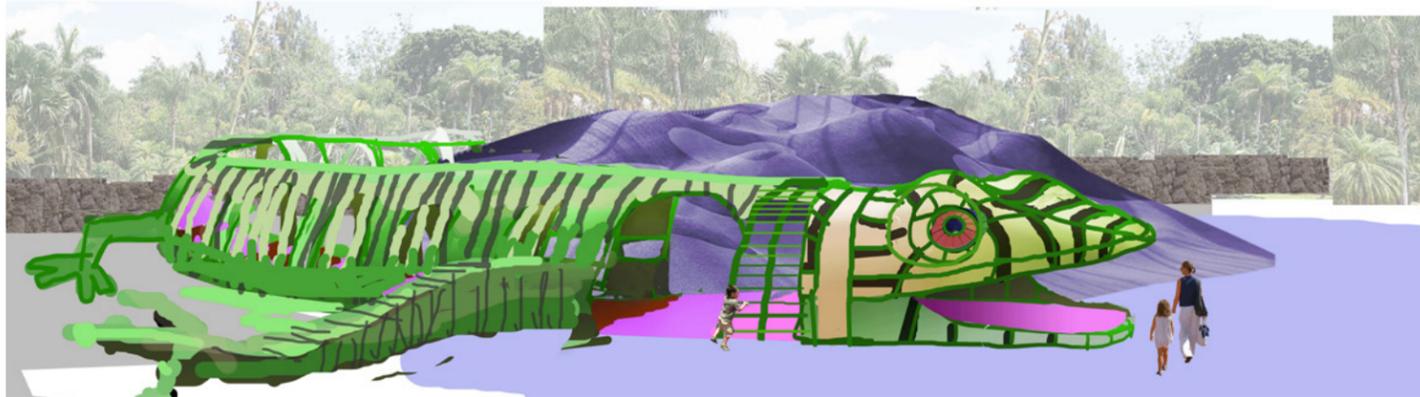


ELEMENT	SIZE
Play Area	9930 sf
Restroom Building Area	435 sf

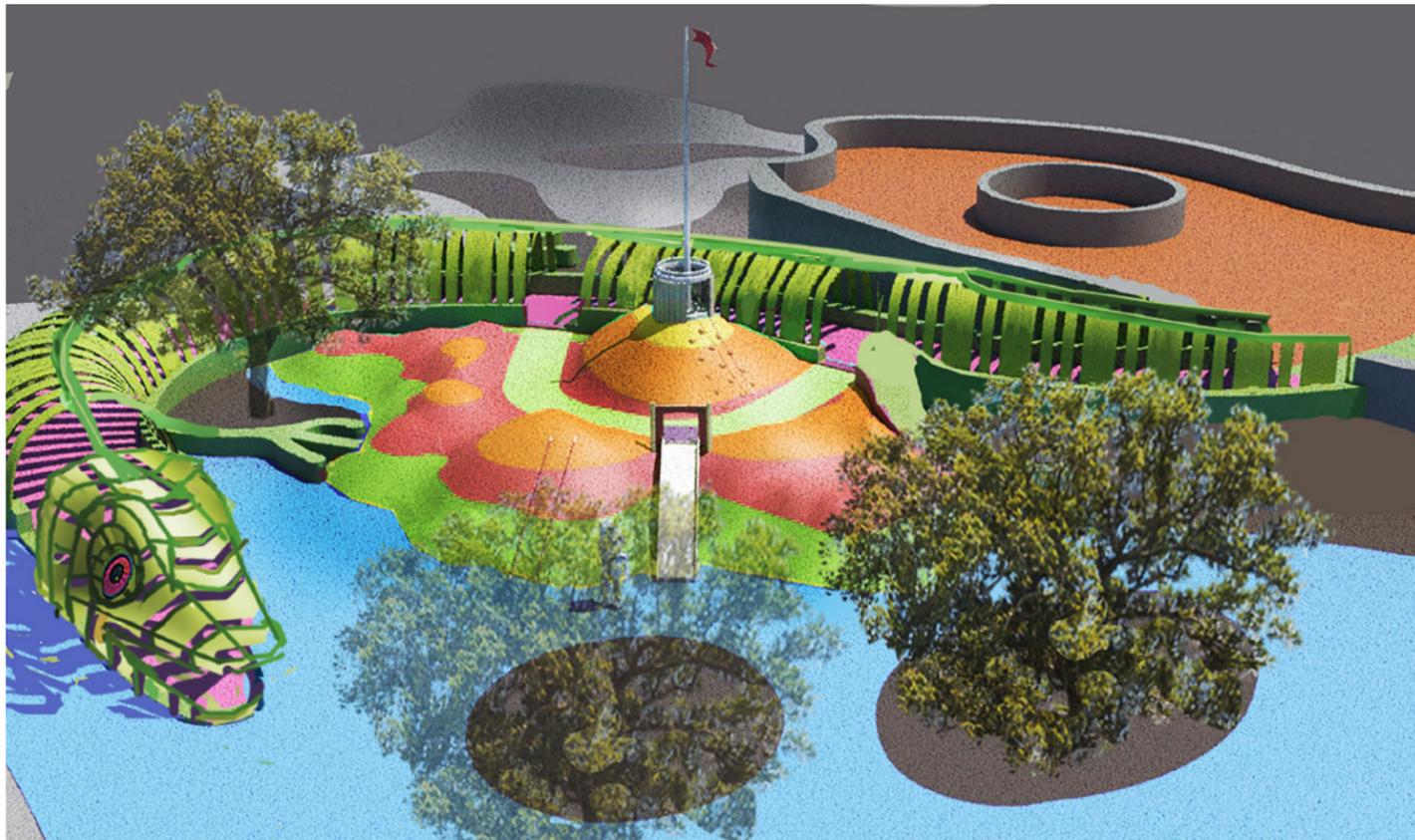
Playground Illustration



Lincoln Lizard Play Feature / ADA Ramp Concept Sketch



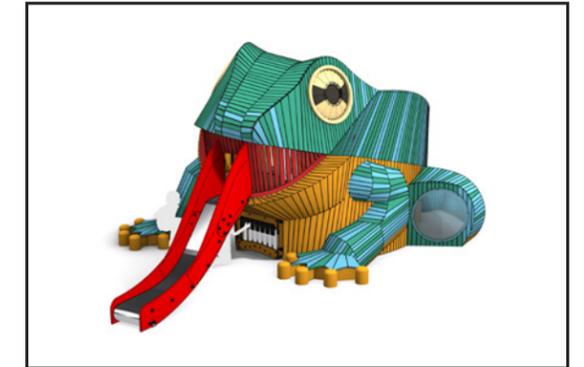
Lincoln Lizard Play Feature/Ramp with Climbing Hill Concept Sketch



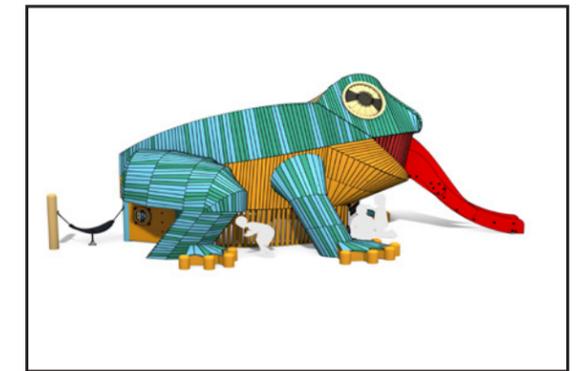
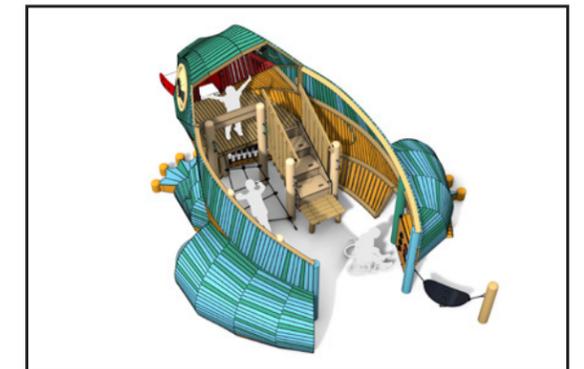
Lincoln Lizard Head Play Feature



Felicia Frog Play Element Detail



Felicia Frog Play Element



Sway Fun



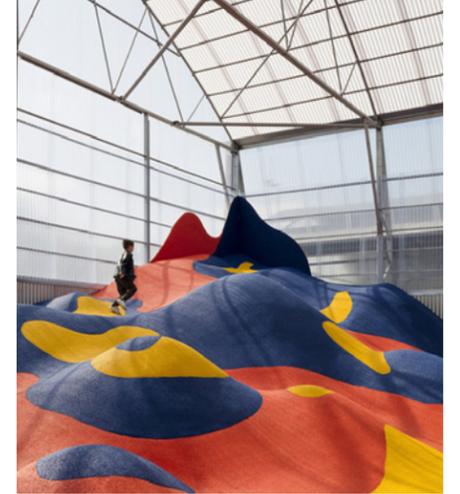
Rollerslide



We Go Round



Play Mounds



Spinner



Musical Play Panel



Pagoda Bells



Contrabass - Chimes



Metalophone



3-Bay Swingset



You and Me Swing



Harness Swings



Bird Nest Swing



LEGEND

- 1 Family Accessible Restroom (3)
- 2 Janitorial/ Storage

ELEMENT	SIZE
Family Restrooms	325 SF
Janitorial/ Storage	110 SF



Restroom Plan



Restroom Concept Illustration



PETTING ZOO PLAN



LEGEND

- 1 Habitat 1
- 2 Habitat 2
- 3 Gathering Area
- 4 Shaded Seating
- 5 ADA Friendly Interaction Area
- 6 Animal Transfer Buffer
- 7 Sensory Friendly Interaction Area
- 8 Pig Holding Area
- 9 Goat and Sheep Holding Area
- 10 Cow and Small Horse Area
- 11 Chicken Area
- 12 Guinea Pig and Rabbit Area
- 13 Storage
- 14 Observation / Viewing area
- 15 Visitor Transfer to Interaction Area

ELEMENT	SIZE
Outdoor Habitats & Interaction Area	6500 sf
Indoor Holding / Viewing	1600 sf



Illustration of Petting Zoo Village



Habitat 2



Cow and Small Horse Holding



Goat and Sheep Holding



Habitat 1



Goat Climbing Feature



Pig Holding Area and Interaction



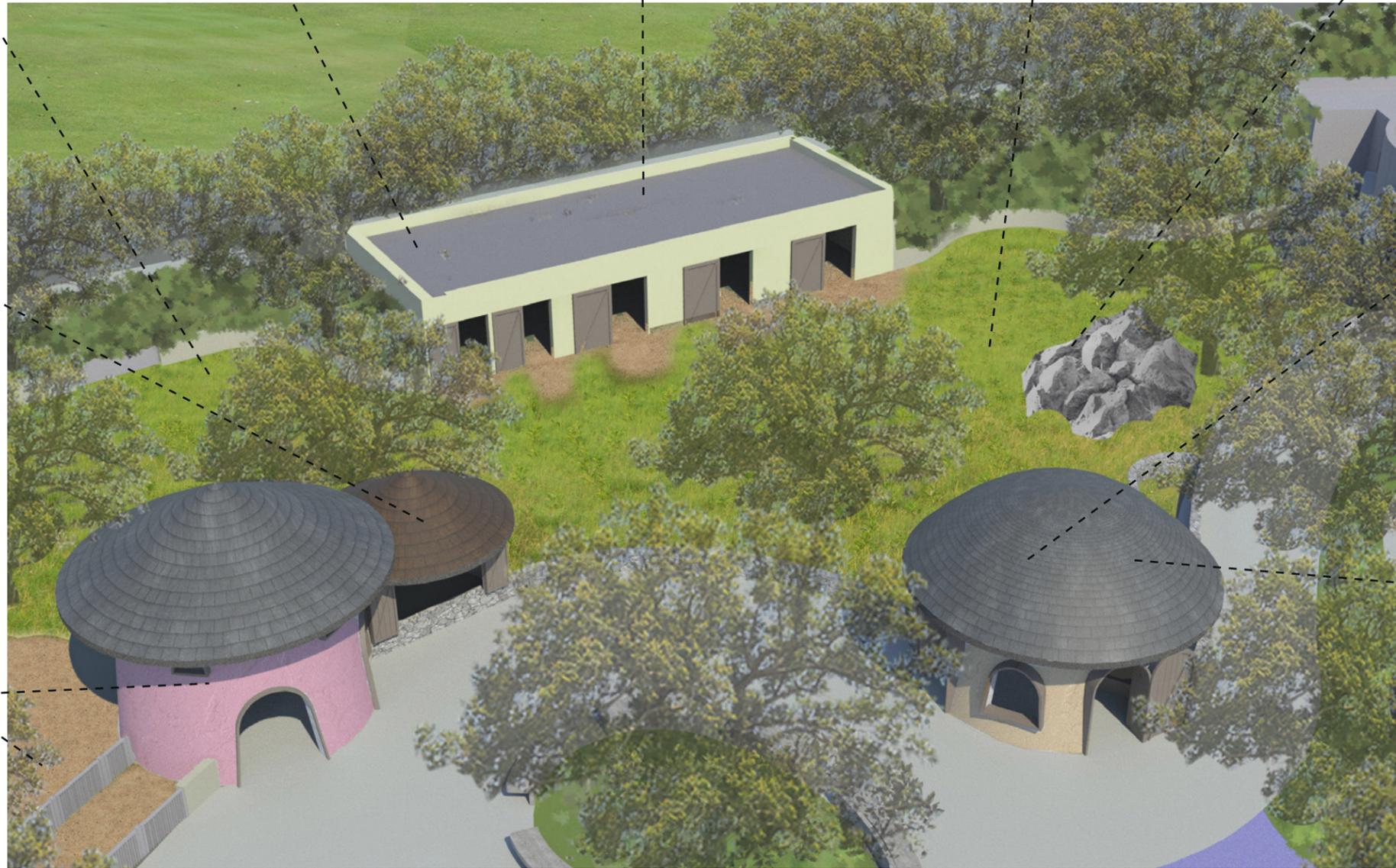
ADA and Sensory Friendly Interaction Areas



Chicken House



Guinea Pig and Rabbit House



INSPIRATION CENTER PLAN



LEGEND

- 1 Multi-Purpose Room
- 2 Patio Space
- 3 Catering Kitchen
- 4 Corridor
- 5 Storage
- 6 Service Path
- 7 Family Restroom (2)
- 8 Janitorial
- 9 Petting Zoo Habitat Area
- 10 Learning Garden

ELEMENT	SIZE
Patio	1000 sf / 150 cocktail
Inspiration Center Building	2430 sf / 64 seated capacity



Exterior Concept for Inspiration Center



Interior Inspiration Image



Interior Inspiration Image



LEARNING GARDEN PLAN



LEGEND

- 1 Iconic Entry Feature
- 2 Elevated Planter (18" Height)
- 3 Edible Garden
- 4 Sculpture Elements (3) (future consideration)
- 5 Instructional Area (With Table and Storage)
- 6 Hand Pump for Water
- 7 Accessible Garden Stations
- 8 Butterfly Garden
- 9 Sensory Boxes (4)
- 10 Flower Instruments

ELEMENT	SIZE
Pave Area	1400 sf
Garden Stations	10



Illustration of Learning Garden Entrance



Garden Stations



Flower Instruments



Hand Pump



Sensory Boxes



Elevated Planters



Nature Mosaics in Paving



NATURE TRAIL PLAN



LEGEND

- 1 8' ADA Pathway - Nature Theme
- 2 Owl House
- 3 Bat House
- 4 Insect House
- 5 Bird House
- 6 Butterfly Garden

ELEMENT	SIZE
Trail Length	380 feet
Stations	6



Bat House



South Fl. Butterfly Garden



Owl House



South Fl. Hammock



Educational Signage



Insect House



Trail Animal Imprints



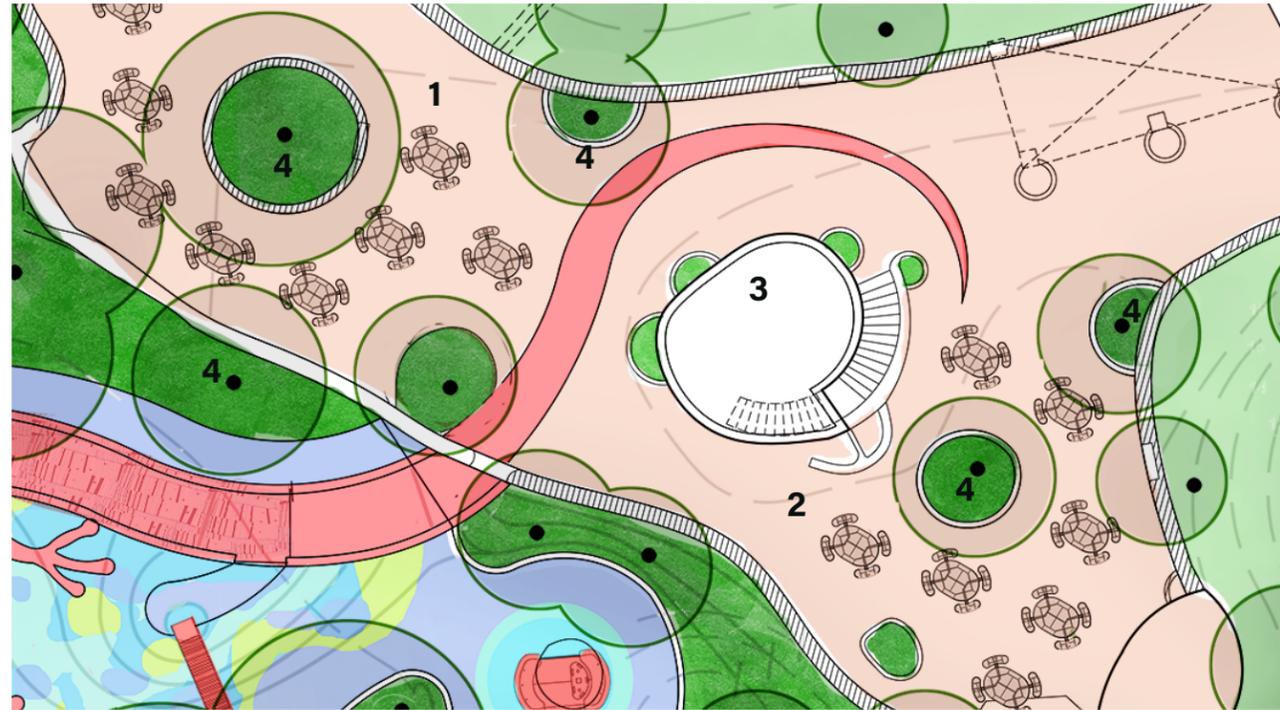
Trail Plant Imprints



Bird House



EXISTING & NEW TERRACE



LEGEND

- 1 Renovated Seating Area 1
- 2 Renovated Seating Area 2
- 3 Observation Area with Remote Viewing Access Camera
- 4 New Trees Shading Existing Terrace
- 5 New Playground Seating

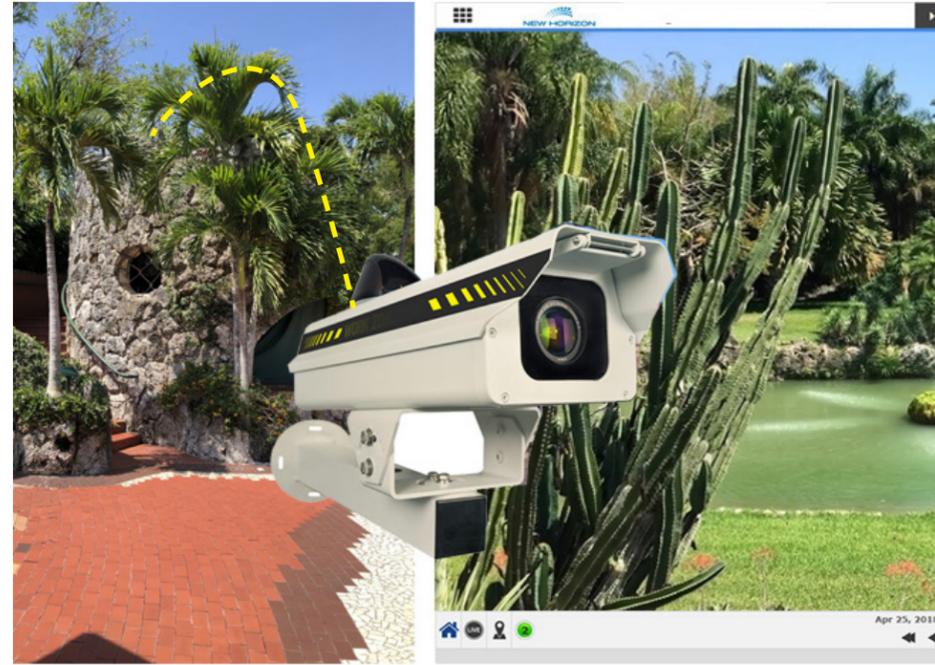
ELEMENT	SIZE
Rental / Picnic Space	80 regular & 40 ADA in three areas in 3 different locations



NEW SEATING AREA



Remote View Access from Tower



Bug Theme Table Concept (ADA accessible two spots)



Pinecrest Gardens Upper Gardens Design

COST ESTIMATE

March 24, 2020

Component	Description	Units	Unit of measure	\$/Unit	Subtotal (\$)	Notes
PLAY AREA AND RESTROOMS					\$1,076,420	
Playground					924,170	
Concrete Curb		468 lf		25	11,700	
4"H #57 Stone Base Layer	Underneath the pour-in-place surface	8,837 sf		2	17,674	
Pour-in-place Surfacing		10,022 sf		18	180,396	
Waste Receptacles		8 ea		800	6,400	
Benches	With concrete pad underneath	4 ea		2,000	8,000	
Lizard Head and Frog Play Elements		1 lump sum		400,000	400,000	
Lizard Ramp ADA		1 lump sum		300,000	300,000	
Other Play Equipment		1 lump sum		85,000	85,000	
New Restrooms					152,250	
Restroom Building	Includes 3 family units and a janitor room	435 sf		350	152,250	
PETTING ZOO					\$673,083	
Animal Shelters and Buildings					477,863	
Goat, Sheep, Cow, and Small Horse Holding	Indoor animal holding area and storage area	992.82 sf		250	248,205	Includes workspace with room for food prep, storage, and hay storage
Chicken, Guinea Pig, and Rabbit Holding	Indoor animal holding area and guest viewing area	235.97 sf		375	88,489	Glass viewing windows into interior habitats
Pig Holding	Indoor animal holding area	139.63 sf		375	52,361	Viewing and holding area
Sensory Friendly Interaction Area	Indor area without HVAC	236.82 sf		375	88,808	Fence separating guest from animal with platform for animal interaction
Outdoor Habitats					195,220	
Habitat 1 and 2	Naturalistic looking animal habitat area	5280 sf		25	132,000	A climbing structure will be added to habitat 1
Animal Transfer Buffer Area	Fenced area with natural substrate	494 sf		10	4,940	Seperating the animal habitats from interaction area
People-Animal Interaction Area	Porous ADA accessible surface	588 sf		40	23,520	
People Transfer Buffer Area	Porous ADA accessible surface	86 sf		40	3,440	Handwash stations included
Interior Fencing	3.5ft high wood and welded wire mesh	187 lf		30	5,610	Divisions within outdoor habitat areas
Gates in Fencing	Wood and welded wire mesh	13 each		100	1,300	Between habitat areas
Glass Viewing at Rabbit Outdoor	4ft-high tempered glass wall with metal frame	33 lf		300	9,900	
Rear Perimeter Fence	4ft-high wood and welded wire mesh	186 lf		35	6,510	
Front Barrier Wall	1.5ft stone + 2.5ft wood and welded wire mesh	80 lf		100	8,000	
INSPIRATION CENTER					\$950,500	
Building					950,500	
Multi Purpose Room w/ Catering Kitchenette		1670 sf		350	584,500	
Storage		170 sf		350	59,500	
Family Restrooms		200 sf		350	70,000	
Janitorial		65 sf		350	22,750	
Corridor		325 sf		350	113,750	
Stone Veneer on Building Façade		1 lump sum		100,000	100,000	



Component	Description	Units	Unit of measure	\$/Unit	Subtotal (\$)	Notes
LEARNING GARDEN					\$137,850	
Learning Garden					137,850	
Planting		1200 sf		25	30,000	
Entry Sign		1 lump sum		25,000	25,000	
Paving	Concrete	1250 sf		18	22,500	
Retaining walls		170 lf		100	17,000	
Educational Elements	Signage, sensory boxes, furnishings	1 lump sum		20,000	20,000	
Inclusive Garden Stations		10 ea		1,335	13,350	
Pump with well		1 lump sum		2,000	2,000	
Benches, paving, shade, etc		1 lump sum		8,000	8,000	
GENERAL SITE					1,075,072	
Nature Trail					10,000	
Educational Elements	Graphics, exhibit elements, etc.	1 lump sum		10,000	10,000	
Entry					25,000	
Entry Sign	Iconic Entry for Garden	1 lump sum		25,000	25,000	
Safety & Security					55,820	
Perimeter fencing 6' height	Chainlink	388 lf		15	5,820	
Communication infrastructure		1 lump sum		50,000	50,000	
Other Site Elements					984,252	
Fill top soil and grade improvements		800 cy		70	56,000	
Finish grading		47,565 sf		0.80	38,052	
Signage and art elements		1 lump sum		5,000	5,000	
Paving between elements	Concrete	6800 sf		18	122,400	
Site Lighting		1 lump sum		100,000	100,000	
New Accessible Table Seating	Wabash Spyder Tables	24 ea		2,000	48,000	
Utilities	Electric, septic, plumbing, etc	1 lump sum		120,000	120,000	
Landscaping		1 lump sum		300,000	300,000	
Move Whilden-Carrier Cottage		1 lump sum		15,000	15,000	
Demo		1 lump sum		25,000	25,000	
Retaining walls		428 lf		100	42,800	
Tree Relocations		1 lump sum		100,000	100,000	
Equipment Mobilization and Demobilization		1 lump sum		12,000	12,000	
TOTAL ESTIMATED COST					\$3,912,925	

