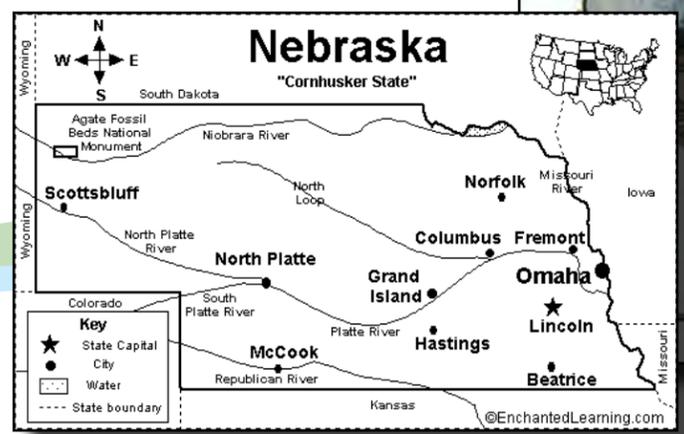




“Each day is a gift.”



Project: UNION PLAZA Children's Discovery Garden Planning Phase: Master Plan
Date: June 2, 2010 Last Revised Date: June 21, 2010
Note: Concepts in this report are preliminary, not released for production.



The mission of the Children's Discovery Garden is to provide children and families a special place in which to gather, appreciate nature, celebrate community, explore and play.

UNION PLAZA Children's Discovery Garden Master Plan Report, Prepared by Leidtke Design
Submitted in partial fulfillment of the requirements for the Master Plan Phase for the new Children's Discovery Garden at UNION PLAZA, located in Lincoln, NE. Copyright © 2010 by Amy Leidtke.
All rights reserved. Address inquiries to: Amy Leidtke, Principal, Leidtke Design, 19 Harvard Street, Pawtucket, RI, 02860, USA, 401-751-9999

Community partners include:

McKenzie Barry - Lower Platte South Natural Resources District
John Chapo - Director, Lincoln Children's Zoo
Jo Ann Emerson - Executive Director, Lux Center for the Arts
Morrie Enders - Lincoln Community Playhouse
Nancy Furman - Pioneers Park Nature Center, Lincoln Parks & Recreation
Marilyn Gorham - Former Director, Lincoln Children's Museum
Darren Macfee - Director, Lincoln Children's Museum
Vicki Wood, Youth Services Supervisor, Lincoln City Libraries
Tish Roland - UNL Children's Center
Kirsten Smith - Lincoln Public Schools
Christine Thody - Chair, Wachiska Audubon Society Education Committee
Nate Woods - Assistant Director, Malone Community Center

Planning team members include:

Kinder Porter Scott Family Foundation
Lynn Johnson, Director, Lincoln Parks and Recreation
J.J. Yost, Planning and Construction Manager, Lincoln Parks and Recreation
Bill Kostner, Risk Management Division, City of Lincoln
Karen Nalow, Landscape Architect Associate, The Clark Enersen Partners
Amy Leidtke, Principal, Leidtke Design

Special thanks to the following:

- Elliott Elementary School students, who were enrolled in the YMCA After School Program, as well as the YMCA After School Program staff members
- Select staff members from Assurity Life Insurance Company, a business that will be located adjacent to the Children's Sculpture Garden
- Elliott Elementary School, Assurity Insurance Company, WRK and BVH Architects for hosting Participatory Planning Workshops
- J.J. Yost, Planning and Construction Manager, Lincoln Parks and Recreation
- Lynn Johnson, Director, Lincoln Parks and Recreation
- Kinder Porter Scott Family Foundation



Project: UNION PLAZA Children's Discovery Garden

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UNION PLAZA: Children's Discovery Garden

Master Plan Report

Defining the Master Plan

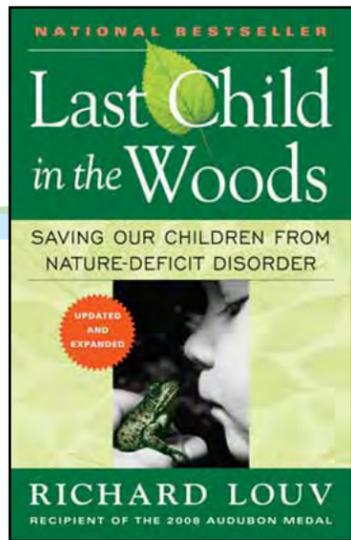
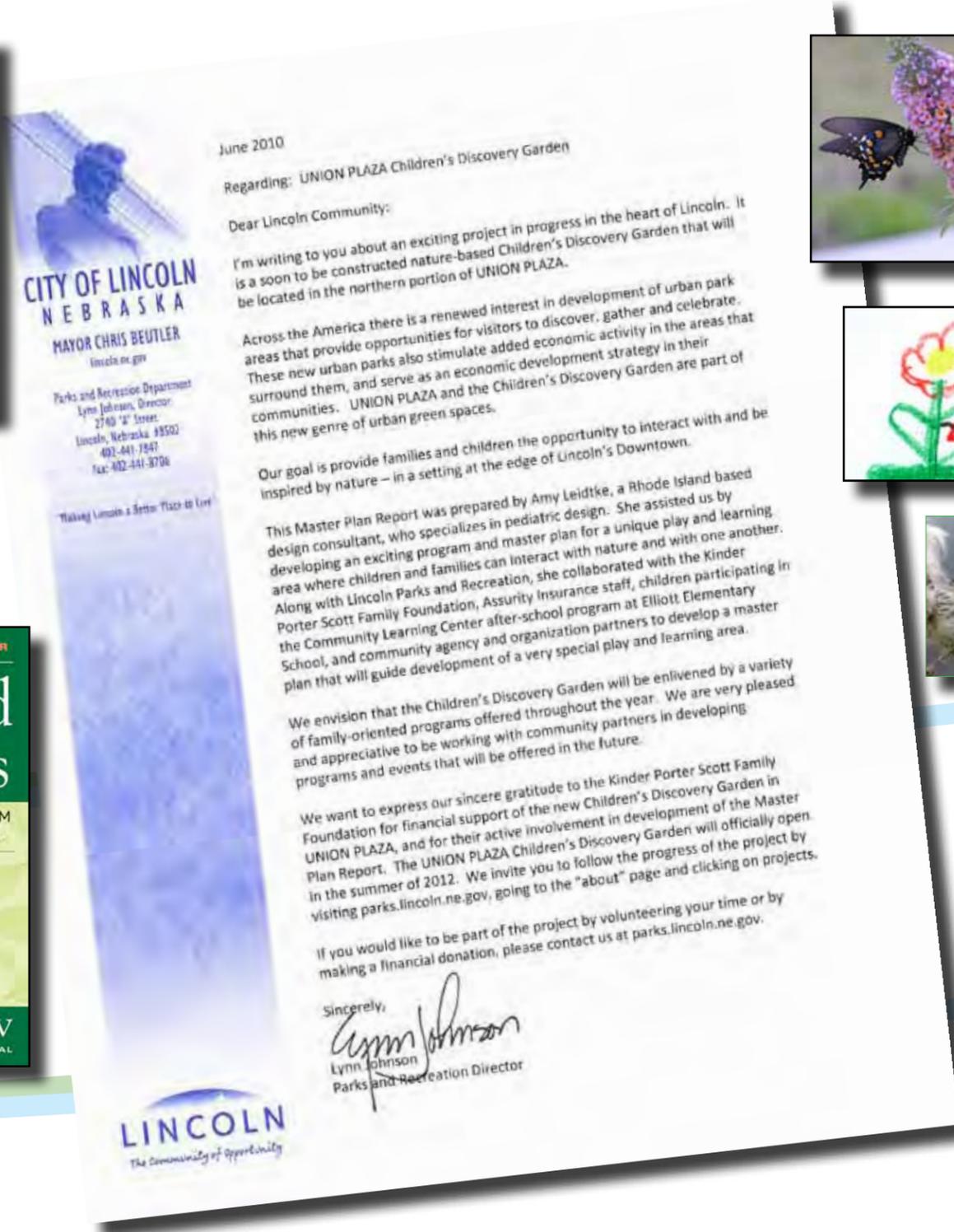
Outlined below is the work strategy for completing UNION PLAZA Children's Discovery Garden's Master Plan. The Master Plan, a document addressing the fundamental issues of the outdoor discovery area, is the first phase in the creation of the Children's Discovery Garden.

Issues addressed include:

- Understanding the issues of the site;
- Interviewing project constituents and members of the community, working with citizens to generate ideas for content, amenities, functions, events, and programming (Participatory Planning Workshops);
- Determining the conceptual model of the garden in relation to the larger context of the plaza;
- Establishing core guiding design principles;
- Visualizing the overall look and feel of the experience and design direction in a series of conceptual drawings;
- Creating thematic zones for interaction, activity, use, and function;
- Developing a preliminary project budget;
- Sourcing potential manufacturers and products; and
- Constructing the conceptual framework upon which the area and activities will be developed, organized and presented.

The Master Plan does not represent the finished landscape design, rather should be seen as a working document that will further guide the development of the area. Therefore, decisions need not be made regarding inclusion or exclusion of items or determining the exact size and location of components. Said development effectively occurs after the initial direction has been established through the Master Plan.

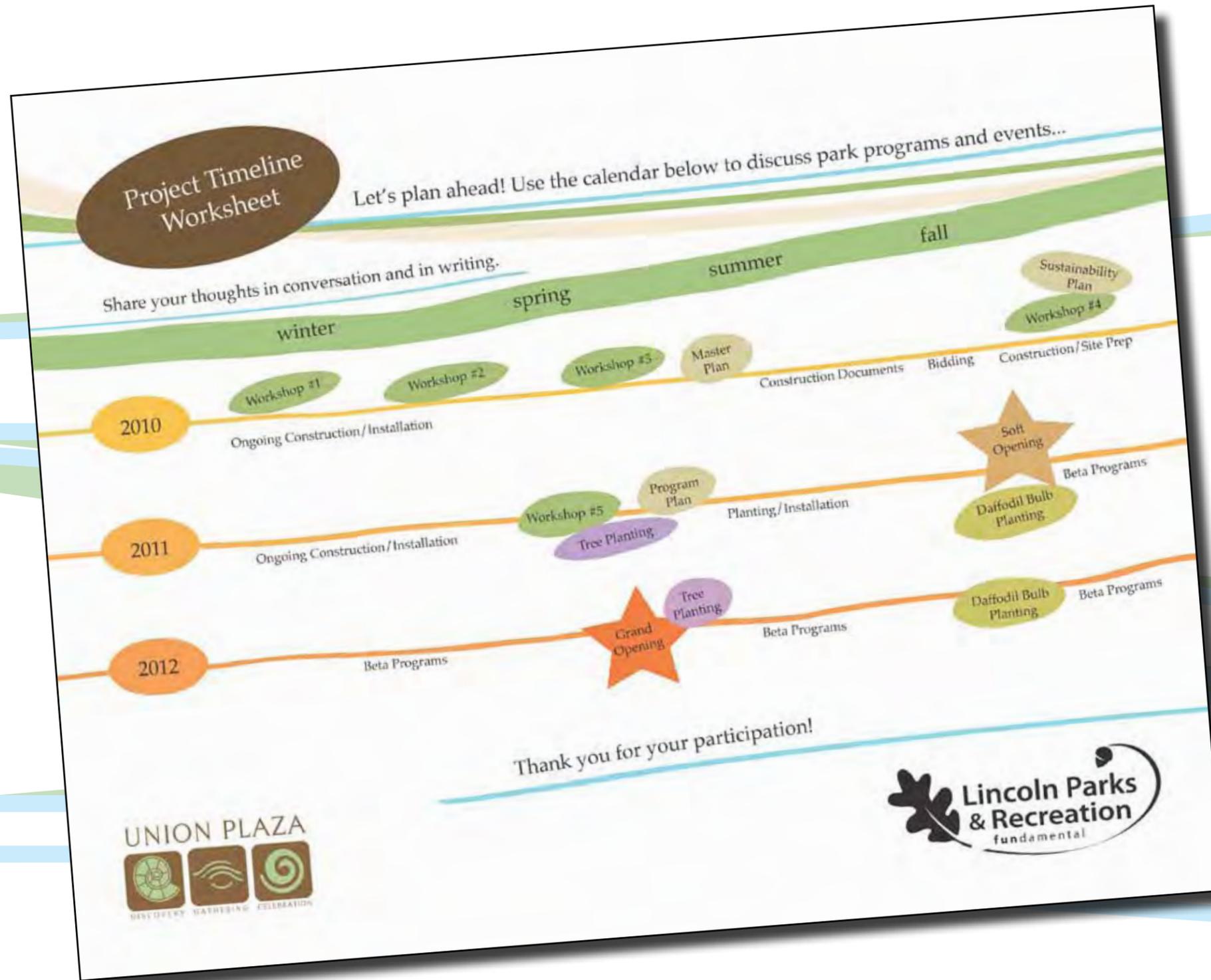
See the Project Time Line for more information about subsequent phases.



UNION PLAZA: Children's Discovery Garden

Master Plan Report

Project Overview and Calendar



- Total square feet: between 3,100-4,800, depending on grading conditions
- Type: Permanent
- Language: English
- Target date for completion: soft opening in the fall season of 2011, and official dedication in June, 2012
- Estimated budget: \$250,000, with supplemental monies from grants; see the preliminary project budget for details
- Hours of operation: dawn to dusk
- Cost: free to public
- Audience: children and families especially, with EVERYONE welcome
- Capacity: to be determined upon further development
- Programming: the garden area will be available for use by community groups, neighbors, families, local organizations and institutions; specific programs to be determined and supported by the community
- Storage: a nearby building will contain limited storage for general supplies, first aid kit, program cart, and the like
- General maintenance: daily safety inspections required for this urban setting, with regular care and cleaning, trash and recycling removal, and ongoing attention to landscape conditions
- Specific maintenance: annual certified play area inspections, replenishment of attenuating surfaces on an as need basis, repair and replacement of elements on an as need basis
- Community stewardship: specific plans to be determined by the community; may include semi-annual community clean-up, with opportunities for sponsorship and volunteer involvement

Guiding Core Design Principles

1. Safe – design in accordance with current public playground safety recommendations
2. Community stewardship – imbued with community pride, spirit, and ownership
3. Unique play environment – innovative, world-class destination, designed for especially for children and families
4. Inclusive – universal design
5. High quality – long-lasting and durable
6. Ever-changing – vital and ongoing educational programs throughout the season
7. Nature-themed – reflecting natural elements and connecting children and adults to nature
8. Beautiful – year round and seasonal beauty
9. Integrated design – design in keeping with the overall landscape and UNION PLAZA program
10. Well-maintained – daily inspections, timely maintenance and repair/ replacement, refurbishment of impact attenuating surfaces, and regularly scheduled safety inspections by a Certified Playground Safety Inspector

UNION PLAZA: Children's Discovery Garden

Master Plan Report

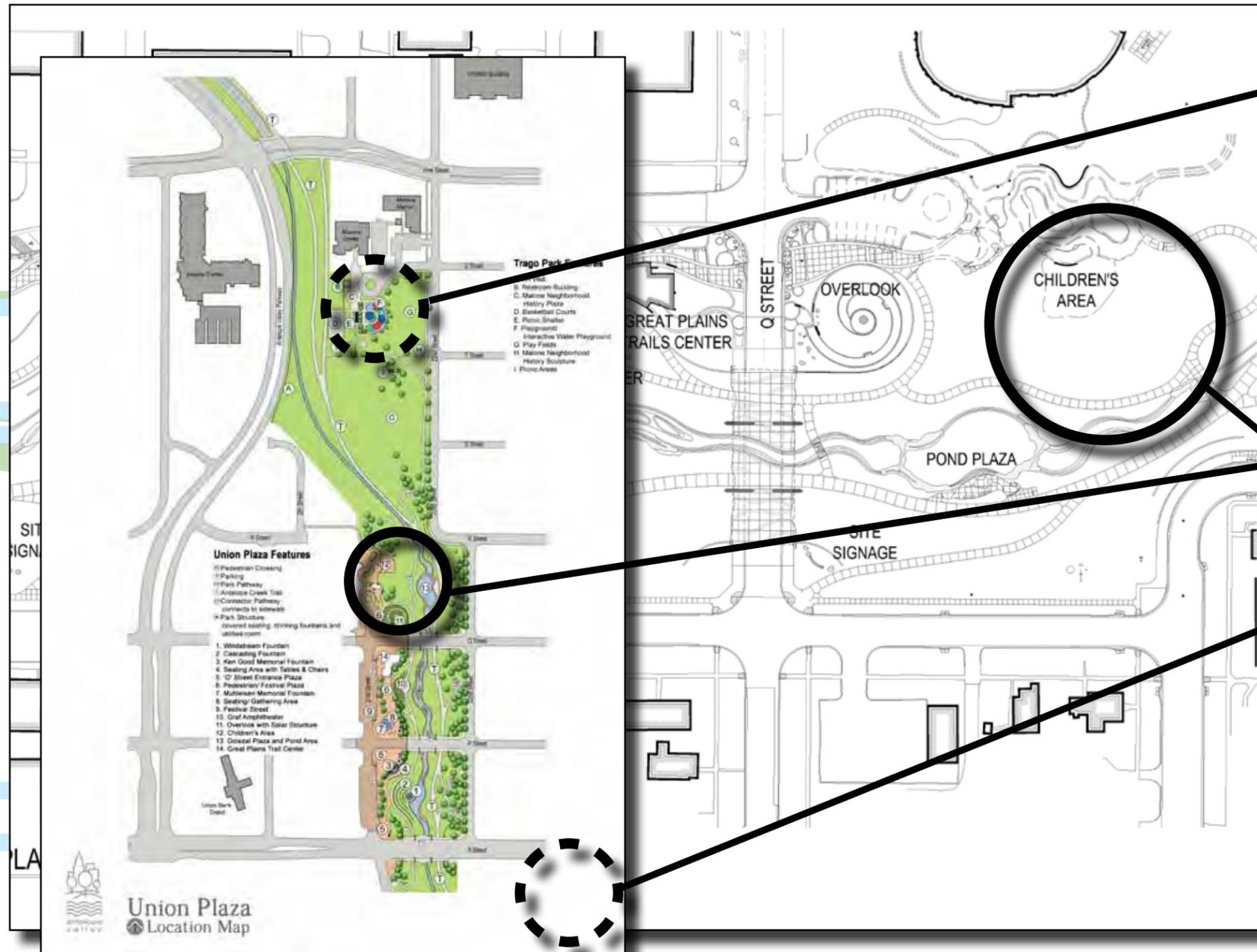
Understanding the Site

Trago Park Playground/Sprayground



Children's Discovery Garden

Elliott School Playground

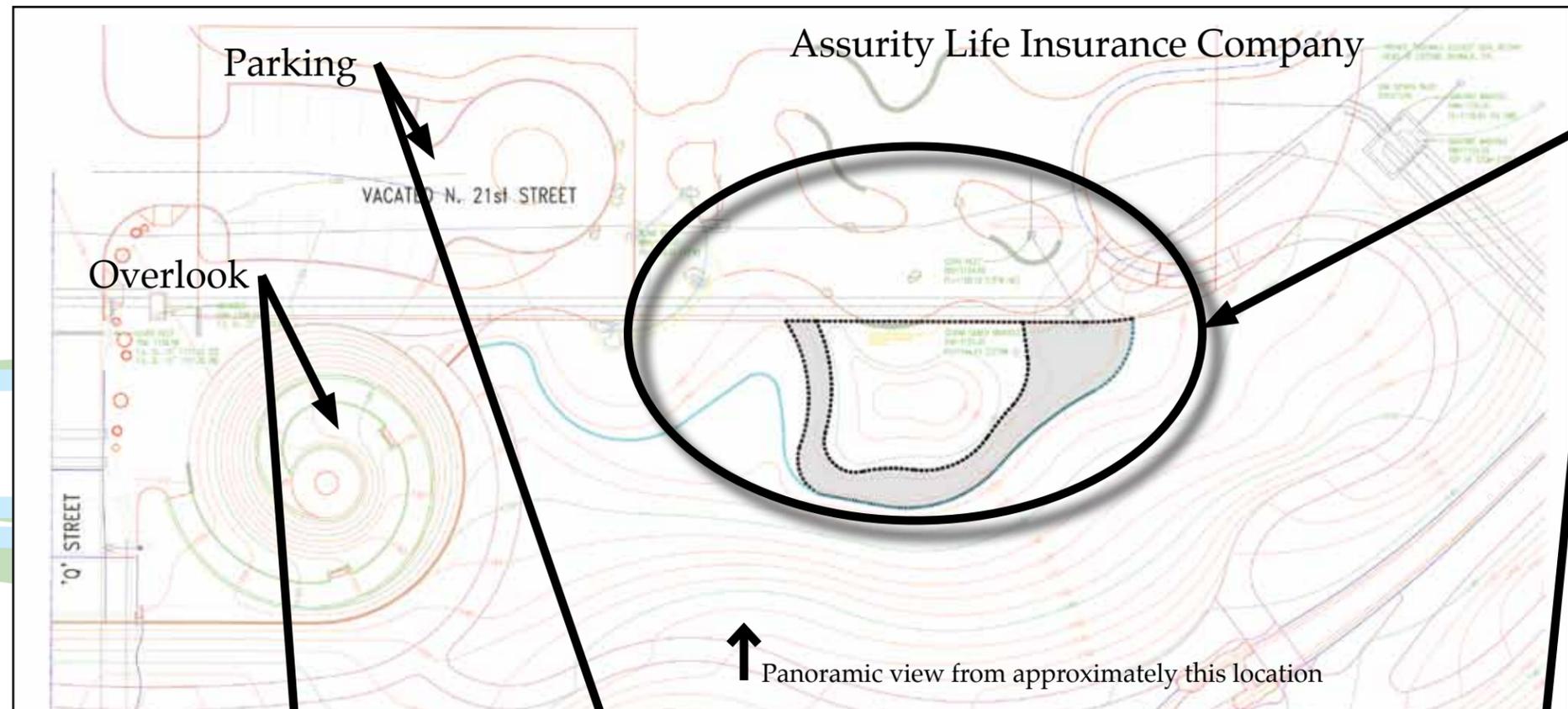


Site and Location Map by The Clark Enersen Partners. Elliott School playground isometric drawings by other. Trago Park Playground/Sprayground photos by L.P.R..

UNION PLAZA: Children's Discovery Garden

Master Plan Report

Understanding the Site



Children's Discovery Garden:
Topographic view and panoramic views

Located at the North end of UNION PLAZA, the Children's Discovery Garden is adjacent to Q and 21st Streets. Neighbors include Assurity Life Insurance Company, Trago Park Playground/Sprayground, and a residential community, including most notably two community centers and Elliott Elementary School (with traditional playground).

↑ Panoramic view from approximately this location

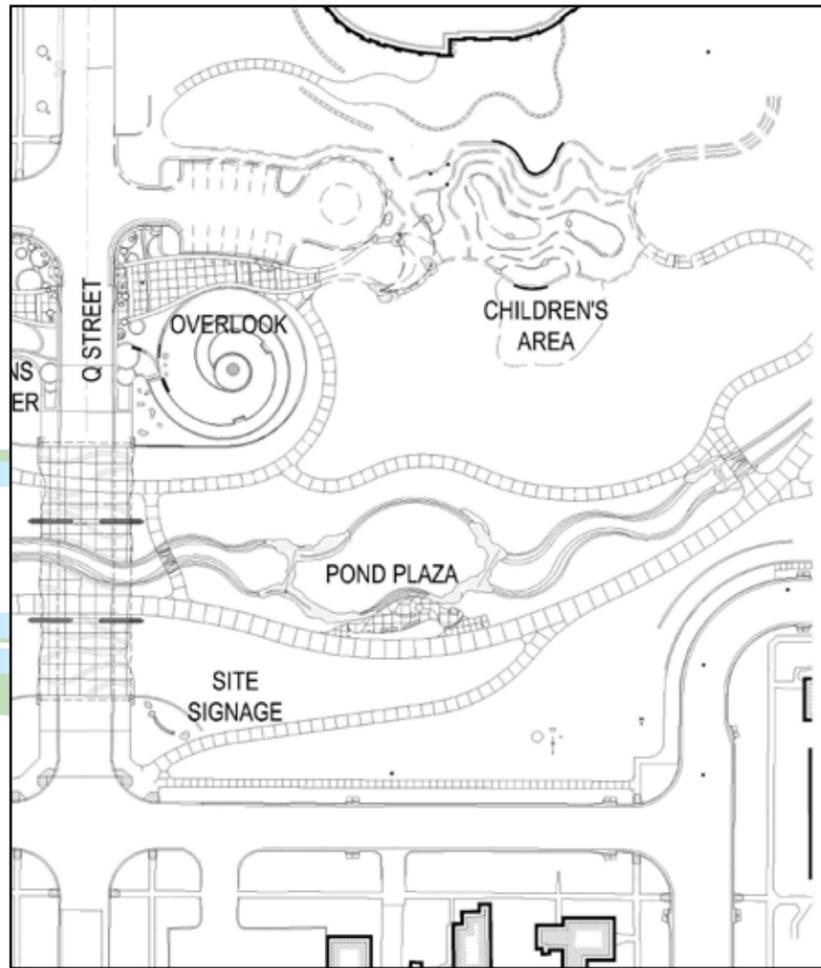


Panoramic view, looking up the hill from the opposite side of the waterway, next to the giant turtle sculpture at Pond Plaza.

UNION PLAZA: Children's Discovery Garden

Master Plan Report

Understanding the Site

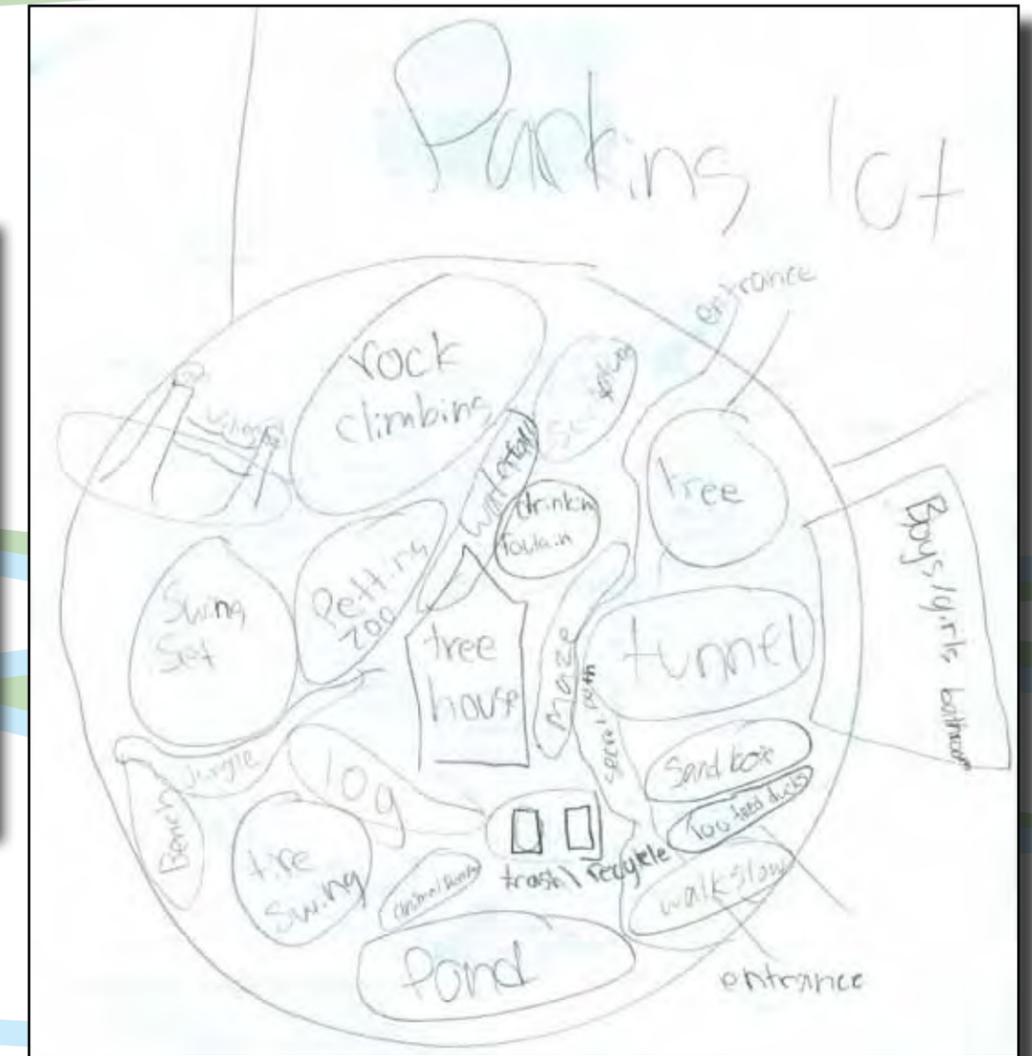


UNION PLAZA: Children's Discovery Garden

Master Plan Report

Community Participation

Children from the Elliott Elementary School YMCA After School Program helped generate concepts for the unique UNION PLAZA Children's Discovery Garden, located in downtown Lincoln, NE.



Bubble diagram by an Elliott School student.

UNION PLAZA: Children's Discovery Garden

Master Plan Report

Community Participation

More photos depicting children from the Elliott Elementary School YMCA After School Program, this time developing an art direction for the Carved Bird House Log. Great work, designers!



UNION PLAZA: Children's Discovery Garden

Master Plan Report

Community Participation

Photos document Lincoln Parks & Recreation Department's Participatory Planning Workshops with the Kinder Porter Scott Family Foundation, staff members from Assurity Life Insurance Company, and member of the Community Partners group.



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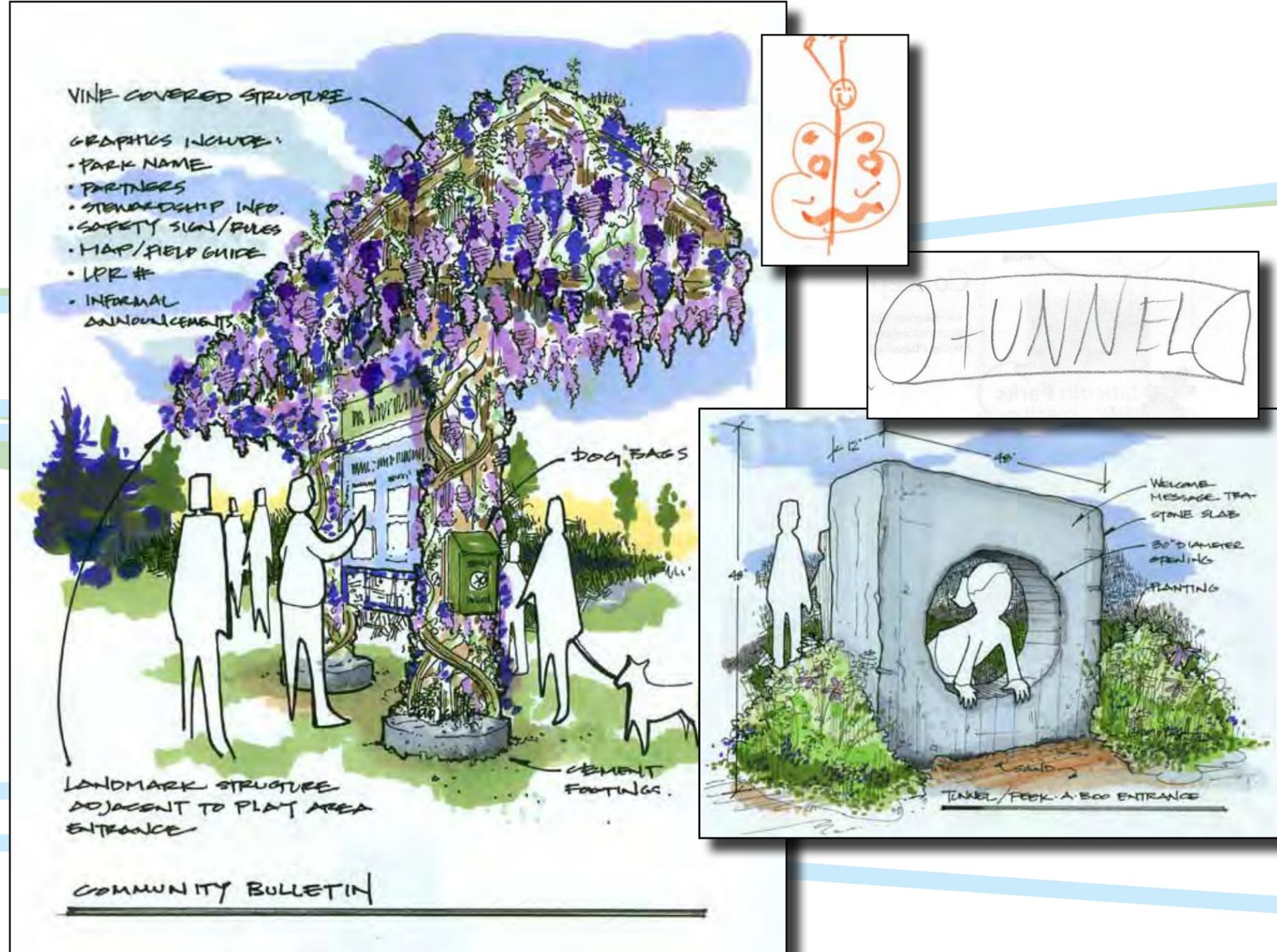
Planning Phase: Master Plan

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Leidtke Design
19 Harvard Street
Pawtucket, RI 02860
Telephone: 401-751-9999

UNION PLAZA: Children's Discovery Garden

Master Plan Report

Community Bulletin, Tunnel/Peek-a-Boo Entrance, and Amenities



Description: The entrance to the Children's Discovery Garden features the Community Bulletin and a Tunnel/Peek-a-Boo Entrance.

The Community Bulletin is designed to grow into a landmark feature, covered with Wisteria vines and deep purple flowers. One sees the following elements here: community partners, sponsors, rules/safety information, trail guide and location map, events, programs, and informal flyers. The Tunnel/Peek-a-Boo Entrance is a sweet, child-size passage.

Located at the entrance of the Children's Discovery Garden are many amenities, including trash and recycling containers, bike racks, drinking fountain (with hand wash station and locking hose bin), and solar lighting.



Sketches by Elliott School students. Trash/recycling containers and bike racks by Landscape Forms. Fountain by Most Dependable Fountain. Solar lighting by Sol (or similar product).



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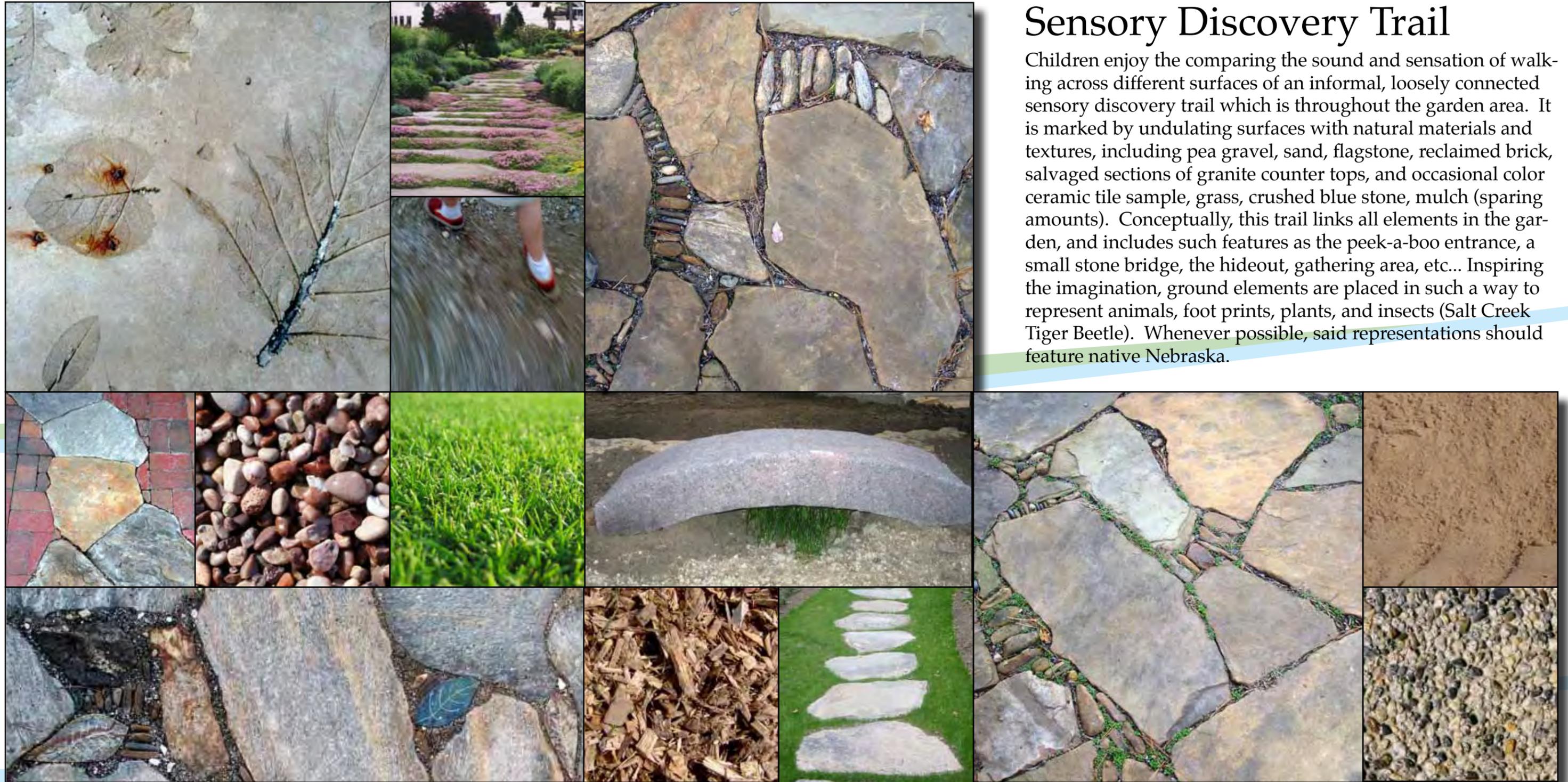
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UNION PLAZA: Children's Discovery Garden

Master Plan Report

Sensory Discovery Trail

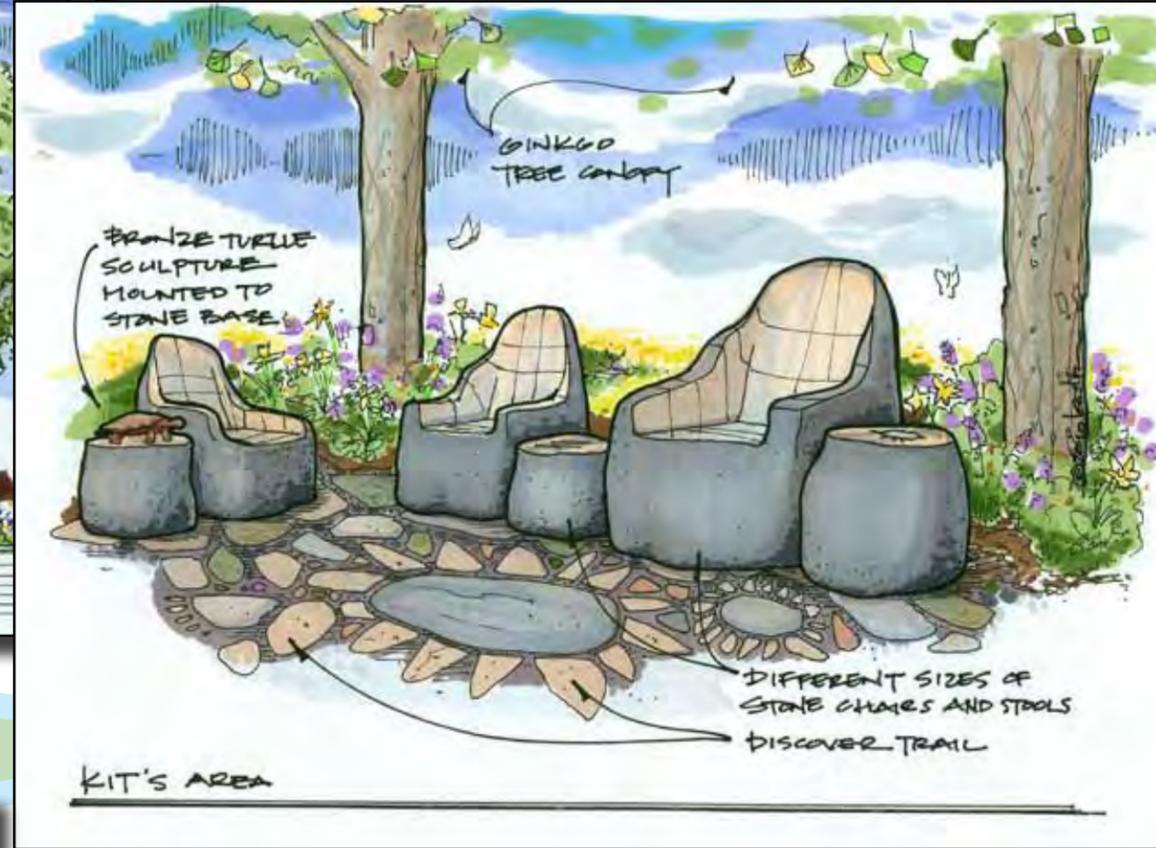
Children enjoy the comparing the sound and sensation of walking across different surfaces of an informal, loosely connected sensory discovery trail which is throughout the garden area. It is marked by undulating surfaces with natural materials and textures, including pea gravel, sand, flagstone, reclaimed brick, salvaged sections of granite counter tops, and occasional color ceramic tile sample, grass, crushed blue stone, mulch (sparing amounts). Conceptually, this trail links all elements in the garden, and includes such features as the peek-a-boo entrance, a small stone bridge, the hideout, gathering area, etc... Inspiring the imagination, ground elements are placed in such a way to represent animals, foot prints, plants, and insects (Salt Creek Tiger Beetle). Whenever possible, said representations should feature native Nebraska.



UNION PLAZA: Children's Discovery Garden

Master Plan Report

Ginkgo Grove and Kit's Area



Along one side of the Children's Discovery Garden is a sitting area, a special place to rest in the lightly shaded canopy of three Princeton Sentry Ginkgo Biloba trees. Here one sees Kit's Area, a Turtle Sculpture, and a Butterfly Garden.

Kit's Area contains four different sizes of stone armchairs and side tables/stools. One chair surface includes a small engraving, honoring Kit with the phrase, "Each day is a gift". Other surfaces include etchings of native plants and animals and a checker board. Next to one chair, an Ornate Box Turtle (a small bronze sculpture) sits atop a stool. Midway up the base of the boulder is a cluster of thirty or so small holes, drilled to provide homes for a variety of insects.

The ground surface at the base of the bench is a composition of inlaid flagstone, reclaimed bricks, and blue and prairie agate pebbling. Upon close inspection, one might imagine what looks to be a few animal tracks, flowers, and sunbursts in the pebble pattern.

Attracting butterflies, insects, and wild birds is a Butterfly Garden a specially selected massing of colorful nectar providing plants such as Blue Chip Dwarf Butterfly Bushes, along with more selective number of plants, including Oregano, Purple Coneflower, Marigolds and New England Asters. Gold Tide Forsythia and Daffodils provide a burst of welcome yellow in the spring.

Sketches by Elliott School students, sculpture by Steve Worthington, and furniture by Aguafina.



UNION PLAZA: Children's Discovery Garden

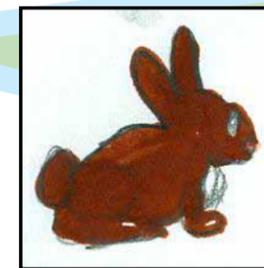
Master Plan Report

Gathering Area

Description: This is a multipurpose space for picnics, programs, and informal gatherings. It is adjacent to the Ginkgo Grove and Kit's Area. It includes the following elements:

- Low and tall activity tables made of real stone (by Aguafina).
- Surface etchings depict a variety of native Nebraska plants and animals. These low relief elements can be used to create graphite or crayon rubbings in nature journals and have the potential of relating directly to a Field Guide.
- Bronze sculptures of a giant toad and a life-size rabbit (by artist, Steve Worthington).
- Sensory trail with discovery elements. The area is defined by beautifully inlaid combination of natural pavers, reclaimed surfaces (i.e. broken marble and ceramic tile, portions of granite counter tops, and Buffalo Bricks). Exploring the trail, one notices abstract images of flowers, sunbursts, leaves, animals, and animal tracks.

Maintenance: Periodic cleaning. Possible graffiti removal. All elements will last for generations to come.



Sketch by an Elliott School student, sculptures by Steve Worthington, and tables and stools by Aguafina.

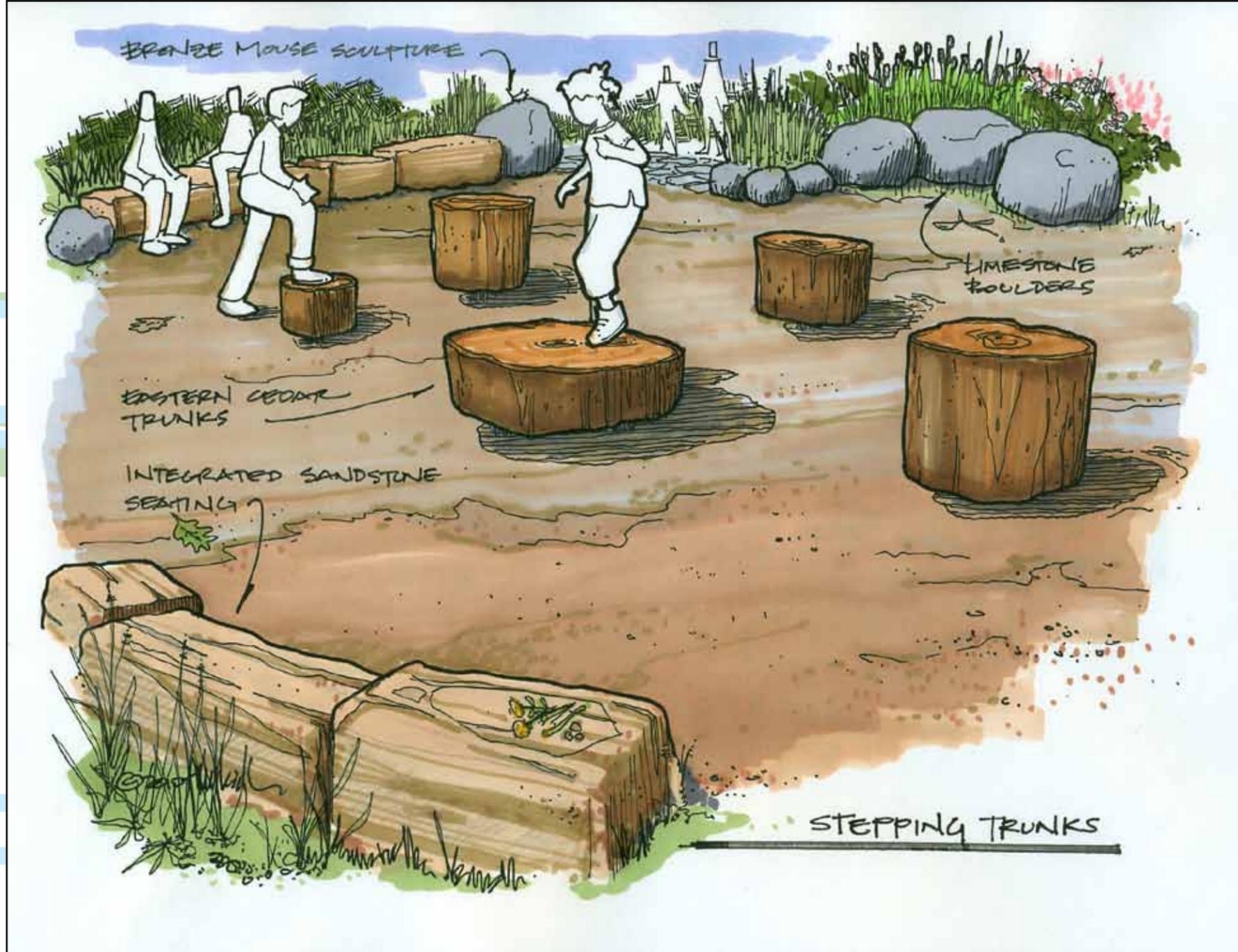
Stepping Trunks

Description: A grouping of real hardwood tree trunks provide opportunities for stepping, hopping, and jumping.

Included in this area are the following elements:

- Tree trunks. Variety of heights and diameters. Maximum height not to exceed 30" above ground surface. All top surfaces are flat surface, sealed with clear polyurethane, mat finish.
- Sand or pea gravel ground covering – depth in accordance with national safety guidelines.
- Integrated sandstone and limestone seating. This perimeter helps to define the area, prevent erosion, and retain attenuating surface.
- Surrounding garden, including a variety of shrubs, flowering plants and grasses.
- Bronze mouse sculpture (by Steve Worthington, artist).

Maintenance: Sand and seal tree trunks as routinely. Replace tree trunks at first sign of moisture/decay. Regularly replenish and maintain attenuating surface. Potential sandblasting of graffiti.



Sketch by an Elliott School student



Mouse sculpture by Steve Worthington

Pretend-to-Be Log

Description: A large real hardwood tree section provide opportunities for pretending, balancing, stepping, hopping, and jumping. With careful and regular attention in regards to user safety, this log will be allowed to naturally deteriorate, encouraging insects to use it as a habitat.

Included in this area are the following elements:

- Select bur oak tree log (or similar hardwood).
- Sand or pea gravel ground covering – depth in accordance with national safety guidelines.
- Integrated landscape edging. This perimeter helps to define the area, prevent erosion, and retain attenuating surface.
- Surrounding garden, including a variety of shrubs, flowering plants and grasses.

Maintenance: Regularly inspect log for safety. Regularly replenish and maintain attenuating surface. Potential sandblasting of graffiti.



Sketches by Elliott School students.

Carved Birdhouse Log

Description: The Carved Birdhouse Log is a sculpture created from a section of a native Osage Orange tree. The buildings and houses represent local historic architecture, with a twist, as the artwork style is directed by local children artists.



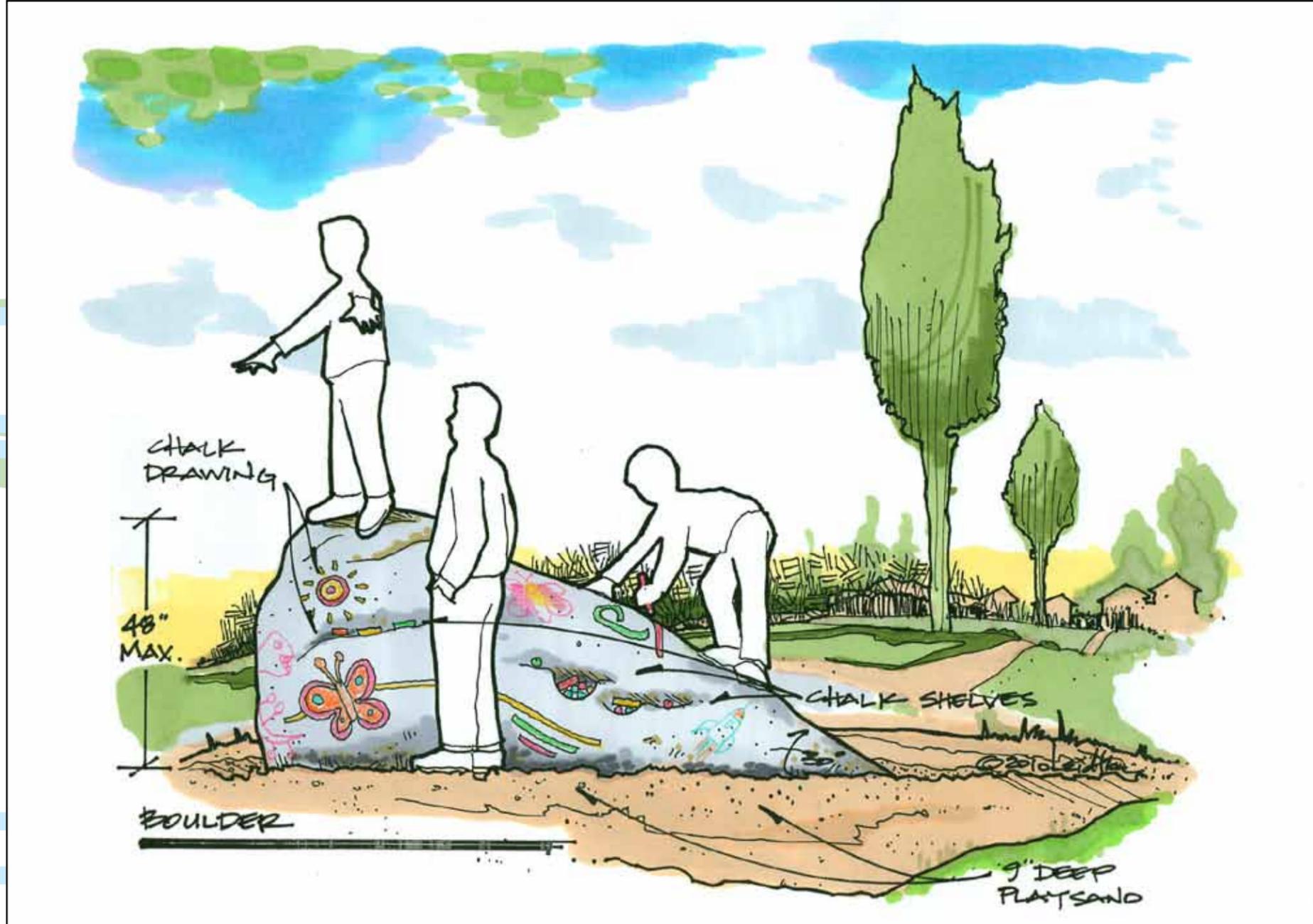
Sketches by Elliott School students. Carved Birdhouse Log by Peter Pound (or other).

Giant Coloring Boulder

Description: A large limestone boulder provides opportunities for drawing, writing, climbing, crawling, and jumping. Included in this area are the following elements:

- Coloring surface. Boulder includes shallow ridges that hold colored chalk.
- Sand ground covering – depth in accordance with national safety guidelines.
- Integrated sandstone and limestone seating. This perimeter helps to define the area, prevent erosion, and retain attenuating surface (not shown).

Maintenance: Regular supply of colored chalk. Replenish attenuating surface as recommended by national safety guidelines. Potential sandblasting of graffiti.



Sketch by an Elliott School student

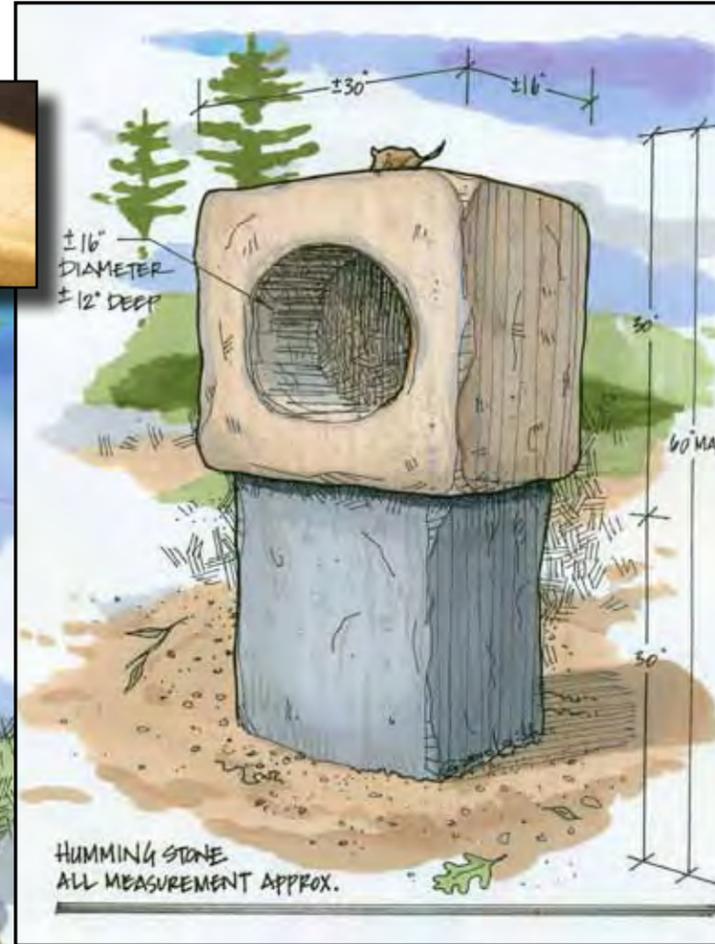
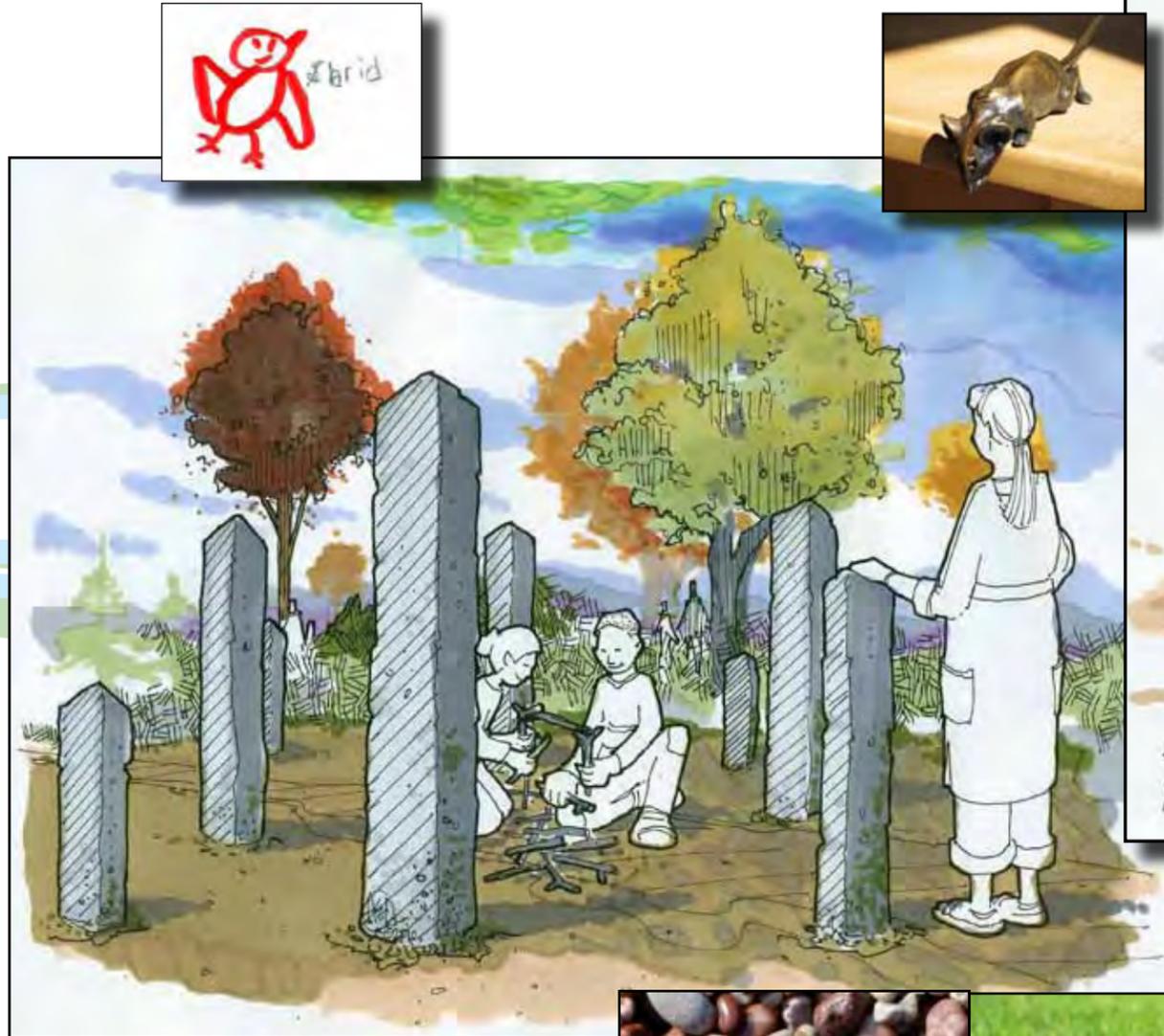


Sketch by an Elliott School student

UNION PLAZA: Children's Discovery Garden

Master Plan Report

Hideout, and Humming Stone



Description: The Hideout is made from a series of vertical stone pillars. The stones define an intimate, child-size setting in which children can pretend and play while in safe view of caregivers. This structure, in the imagination of a child, might be a hideout, house, boat, or forest.

The Humming Stone is a magical, interactive sculpture into which one hums. The result is a resonant sound. Mounted atop the Humming Stone is Nosey, the mouse, a bronze sculpture.



Sketches by Elliott School students. Humming Stone and Hideout by Aguafina (or other). Mouse sculpture by Steve Worthington.

UNION PLAZA: Children's Discovery Garden

Master Plan Report



Product: Geoball.07
 Size: 24'wide x 32'long x 19'5" high
 Fall Height: 9'1"
 Fall Safe Surface: coverage 38'7" x 47'7"
 Age Appropriate: as young as 5YO
 Cost: \$116,000
 Installation: 25%-35% of product cost
 Fall Safe Surface - \$13/sq.ft.

Mountain Climb, Fort & Slide

The Geoball.07 is a large, signature climbing feature with high play value, including multiple climbing features, fort and stainless steel slide. The Geoball.07 consists of a geodesic dome made of framework steel pipes and polyamide cable ropes with large aluminum ball connectors; a quadropolis house with roof on top of the structure with HDPE plastic panels and a plastic curved superslide. An opening in the top leads to a funnel net which takes you to the ground. Inside the Geoball are 5 climbing ropes, 3 climbing ladders, 2 hand-over-hand ladders and 2 hammocks. Playground Equipment Manufacturer: Berliner Seilfabrik

Additional options: Smaller domes, which are less complex in terms of play value, range from \$50-80K.

Geoball.07

95.130.207

mm	7,3 x 9,8 x 5,9
ft	23-12 x 31-12 x 19-5
EN 1176 (m)	10,4 x 13,2
ASTM/CSA (m)	11,8 x 14,5
ASTM/CSA (ft)	38-7 x 47-7
mm	2,76
ft	9-1
Icon	5

This combination is located just in front of the highest building in the world in the capital of Malaysia. The house on top with the slide adds another highlight to our Geoball.

Questa combinazione è collocata proprio di fronte alla costruzione più alta al mondo, nella capitale della Malaysia. La casetta in cima e lo scivolo sono i due elementi che arricchiscono la Geoball.

Esta combinación se encuentra justo enfrente del edificio más alto en el mundo, en la capital de la Malasia. La casa con tobogán colocada en la cima es otra característica más que hace destacar a nuestra Geoball.



Geobucky.09



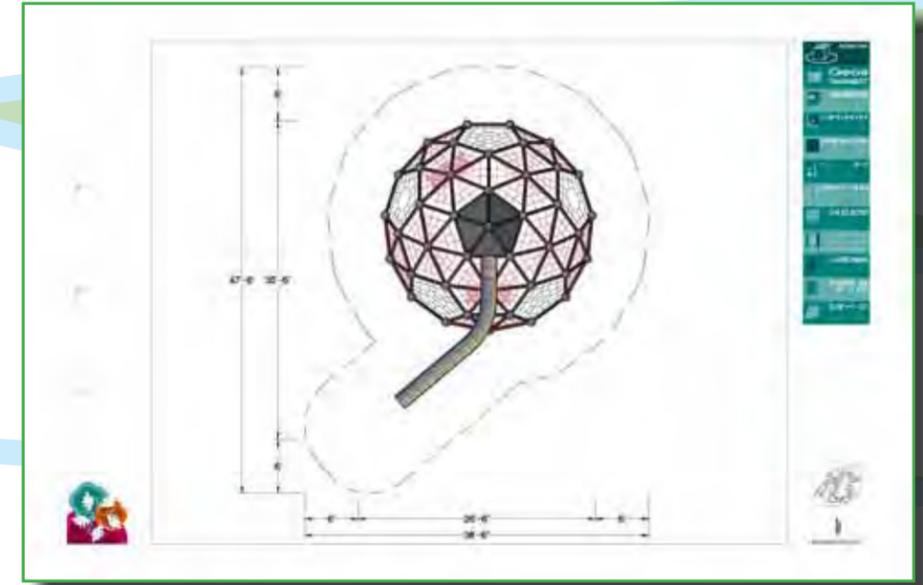
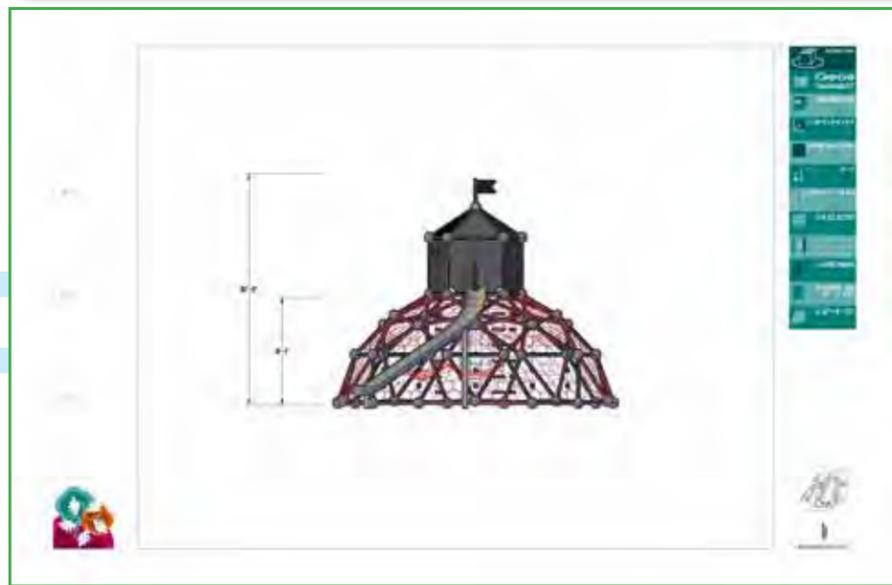
Geoball.09

UNION PLAZA: Children's Discovery Garden

Master Plan Report

Mountain Climb, Fort & Slide

The Geoball.07 drawings by manufacturer.

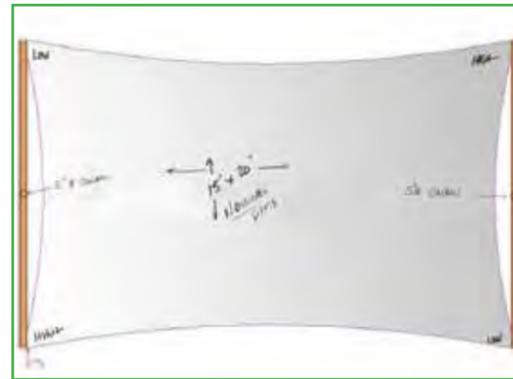


UNION PLAZA: Children's Discovery Garden

Master Plan Report

Solar Shades

This shows an option currently being considered for shade, a 15' x 20" UV fabric panel stretched between two poles. Photos depict this product installed at nearby Trago Park Playground/Sprayground. This item shall be further developed in the subsequent phase, during site planning and detail design.



SOLAR SHADE USA Product Specification

SN370
Shade Net 370

A shade cloth specifically designed for use in architectural tensioned fabric structures

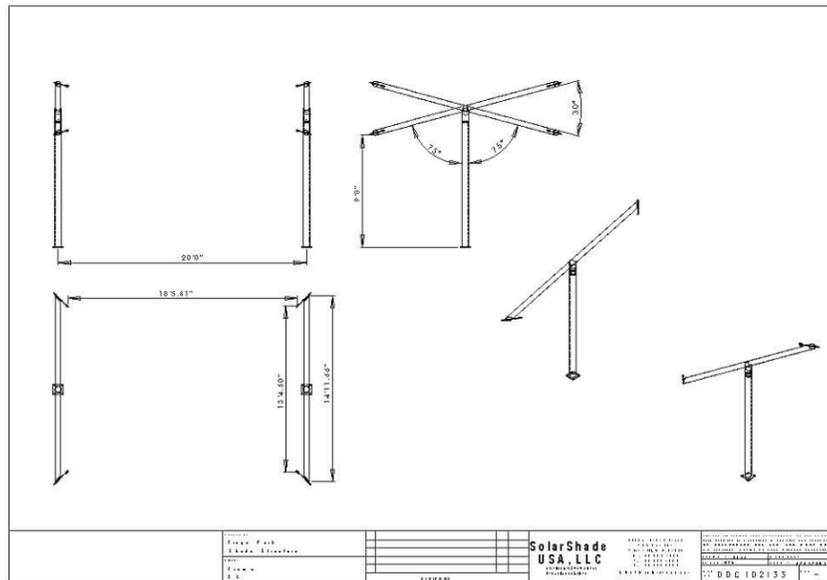
WEIGHT: 370gm / sq. m.
11.0oz / sq. yd.
(4'-5%)

FABRIC: 500 denier
warp-knitted
high density
polyethylene

COLOR: Beige, Blue, Green,
Black, Dark Blue, Yellow,
Forest Green, Orange,
Purple

Technical Information

	@ 176°F	@ 80°C
ANNEALING TEMPERATURE		
BREAK STRENGTH	ASTM D5034	Warp = 309 lbs (140.16 kg) Weft = 352 lbs (152.66 kg)
BURST STRENGTH	ASTM D3787	490 lbs (222.26 kg)
ELONGATION COMPENSATION	D1682	Warp @ 4% Weft @ 6%
TEAR STRENGTH	ASTM D2261	Warp = 57 lbs (25.85 kg) Weft = 82 lbs (37.19 kg)
HYDRAULIC BURST	ASTM 3786	564 PSI
ULTRA VIOLET STABILIZERS	Tinuvin 781 & Irganox 8215	
ULTRA VIOLET STABILITY	10+ Years	
ULTRA VIOLET BLOCK	Angle of incidence 90% to 92%	
SHADE EFFECT	SS 417d	Angle of incidence 92% to 94%
LIMITED WARRANTY	Fabrication & Material Year 1 to 5 (100%), Year 6 to 8 (75%), Year 9 to 10 (50%)	



UNION PLAZA: Children's Discovery Garden

Master Plan Report

Solar Shades

More Solar Shade configurations.



Solar Shade USA designs and manufactures custom tensile membrane structures as well as a broad range of central and perimeter column standard structures for community parks, swimming centers, playgrounds, Auto dealerships and residential use.

Solar Shade USA utilizes 100% monofilament high density polyethylene shade fabric for the structures it manufactures. These structures provide unique features unavailable elsewhere, including integrated dynamic fabric tensioning for ease of installation or removal by unskilled individuals, 94% shade / UV protection, no metal to fabric contact, galvanized structural steel with 2 coat powder coat finish, corrosion resistant hardware, 90 mph wind design (150 mph wind design on select models), 20 PSF snow load designs, high wind breakaway hardware and a 10 year limited warranty on the structure and fabric.

Square Dynamic Tensioned Structures		
Model	Number of Columns	Square Conic sqft
S1212	1 or 4	136
S1515 *	1	214
S1818	4	320
S2020	1	400
S2424	4	570
S2525 *	4	594
S3333 *	4	1095
S3434	4	1150
S4848	4	2100

Rectangle Dynamic Tensioned Structures		
Model	Number of Columns	Rectangle sqft
R1220	2 or 4	240
R1422 *	2 or 4	300
R2028 *	4	580
R2030	2	600

Hexagon Dynamic Tensioned Structures		
Model	Number of Columns	Hexagon sqft
H12	1	135
H16	1	210
H20	1	310
H56	6	1000

Hyper-Sail Dynamic Tensioned Structures		
Model	Number of Columns	Hyper-Sail sqft
HY10	1	35
HY1018	2	150
HY20	1 or 4	380
HY2060	12	1710

* Economy-structures with fabric clad frame R2 & R1

Shade Sails and Custom structures also available.




Colors

Our 100% virgin HDPE monofilament can be provided in virtually any color of the rainbow, however minimum quantities are required. You can select from our standard color range which includes: blue, dark blue, green, forest green, purple, orange, yellow, beige, and black. Mix and match your fabric selection with powder coated steel in colors from Alabaster to Zinc.

These are some of the things that make Solar Shade USA different

Our complete in house steel fabrication shop provides precise manufacture of our standard and custom structural steel components to meet your design requirements. Bring us your details or ask us design and manufacture a custom structure for you. Our state-of-the-art finite element analysis combined with our product and project experience will optimize your design components to minimize both materials and construction costs.

Solar Shade USA is different. First, we keep it simple. Second, really simple. All our shade structures use our proprietary Dynamic Tensioning System and there is minimal contact between the structural steel and the membrane that typically causes abrasion of the fabric.

The majority of our structures can be installed by individuals with experience using common hand tools by following the installation method statement provided with each structure. The mystique of installing tensioned fabric is explained in layman's terms so you have the option of saving thousands of dollars by installing the structures yourself.

Why is Solar Shade USA shade fabric unique?

- Our high performance structures utilize fabric that is 100% UV stabilized high density polyethylene monofilament. The other guys typically utilize fabric knitted from HDPE or HDPP slit film. Slit film is not structurally stable; that is, it cannot be successfully tensioned and maintain its shape, so this fabric must be stretched over a steel frame and held in place with steel cables. The inherent stretchiness found in slit film construction allows it to stretch under windy conditions and "flop" against the steel frame and the cable that once supported it, literally beating itself apart as it repeatedly hits the steel.
- Common sense attention to detail. The most common failure points in a shade structure are at the edge (corner) and seams. This damage is caused by two common short cuts in manufacture. One) the thread that is used to sew the fabric is typically a Teflon thread and it is harder than the fabric. This causes the HDPE fabric to be cut by the sewing thread when wind vibrates the fabric causing the seam or hem to fail; and Two) steel cables and clamping hardware that are typically used in the edge hem to tension the fabric, will abrade the fabric.

Corporate: 508 Hill, Middletown, USA • 441-945-4900 • Email: info@solarshadeusa.com
 Europe / Mediterranean / Atlantic / Oceania • 00353 87 933 8877 • Email: info@solarshadeusa.com
 Australia / Pacific Rim: 61 8 9475 7732 • Email: info@solarshadeusa.com



- Virtually all other suppliers of shade structures in the USA buy fabric made in South Africa or in China.
- Solar Shade USA knits its fabric in Australia. We control the quality, from virgin HDPE formulation and extrusion, through fabric knitting and fabrication.
- Solar Shade USA fabric is designed, knitted and fabricated to perform as a tensioned shade membrane. We have fabric in service for more than 17 years as a tensioned shade membrane.
- Solar Shade USA provides a limited 10 year warranty on its products.

Special Services

Solar Shade USA is an OEM design / build manufacturer for some of the finest private label shade structures in the world. Products manufactured by Solar Shade USA can be found worldwide. Our structures protect thousands of people from the dangers of excessive UV radiation and have been approved for use by the American Academy of Dermatologists for use on playgrounds funded by AAD grants. Additionally, Solar Shade USA has proudly provided several shade structures as part of the hurricane Katrina rebuild on the Gulf Coast and many of our structures can be seen on municipal Parks and Recreation projects and playgrounds provided by KaBOOM!, a non profit organization dedicated to providing a playground within walking distance of every child.

Solar Shade USA structures can also be found at many water and spray parks providing relief from the harsh sun.



Let Solar Shade USA build one for you.

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Project: UNION PLAZA Children's Discovery Garden Planning Phase: Master Plan
 Date: June 2, 2010 Last Revised Date: June 21, 2010
 Note: Concepts in this report are preliminary, not released for production.

Master Plan Report
 © 2010
 Leitcke Design
 19 Harvard Street
 Pawtucket, RI 02860
 Telephone: 401-751-9999

Welcoming Wild Birds

Lincoln Parks & Recreation would like to partner with the local Audobon Society and wild bird enthusiasts to support and promote wild birds inhabiting the area. There is interest in providing nesting material cages stocked with nesting materials, suet cages in the winter and pole-mounted cedar bird houses.



UNION PLAZA: Children's Discovery Garden

Master Plan Report

Design Inspirations – Tables and Seating

We recognize the value of using a variety of stones as natural seating elements. These photos show a sampling of colors and installation methods.



UNION PLAZA: Children's Discovery Garden

Master Plan Report

UNION PLAZA Children's Discovery Garden
 Preliminary Cost Estimate for Master Plan Development
 Rev.: 21-juin-10

Essential Play & Learning Area Elements

Item	Proposed KPSFF Funding (Est. \$)	Proposed Other Funding (Est. \$)	Notes
1 Tunnel/Peek-a-Boo Entrance		5 000	Winnett Trust
2 Safety Sign	550		
3 Community Bulletin Board		2 750	21st Street Plaza (TIF)
4 Bike Racks		850	21st Street Plaza (TIF)
5 Trash & Recycling Receptacles		2 400	21st Street Plaza (TIF)
6 Solar Shades	8 000		
7 Safety Perimeter	5 000		
8 Drinking Ft. w/ Hand Wash Station & Hose Bib		4 850	21st Street Plaza (TIF)
9 Ginkgo Grove and Kit's Area	11 200		
10 Gathering Area w/ Activity Tables & Stools	14 050		
11 Pretend to Be Balancing Log	1 000		
12 Imagination Deck	2 000		
13 Rhythm Drums	1 750		
14 Giant Coloring Boulder	2 500		
15 Discovery Trail	6 000		
16 Stone Bridge	700		
17 Stepping Trunks	500		Trunks provided by LPR
18 Solar Lighting	7 500	15 000	Lincoln Cares Grant
19 Carved Bird House Log		7 500	Winnett Trust
20 Hide Out		7 500	Winnett Trust
21 Humming Stone		3 950	Winnett Trust
22 Bronze Sculptures		7 600	Winnett Trust
23 Geoball .07 Play Structure	122 800		Quote from Fry & Assoc.;
24 Rubber Tile Surfacing & Concrete Subbase	22 000		(\$30k install provided by LPR)
25 Sand & Gravel Fall Safe Surfacing	5 000		
26 Landscaping	5 000		Installation by LPR
27 Sandstone/Granite Boulders			LPR Provided (UP Stock)
28 Shipping Costs for Stone Elements	6 000		
29 Subtotal for Items 1-28	221 550	57 400	
30 Contingency (7.5% of Subtotal)	16 616	5 740	
31 Master Planning / Workshop 1-3		26 000	LPR
32 Construction Docs & Admin.	12 000		
33 Total for Essential Elements	250 166	89 140	

Enhancement Opportunities

34 Wild Bird Support		1 200	Grant request - Audubon
35 Emergency Call Station		6 500	
36 Field Guide		15 000	Grant request
37 Shade Structure		17 000	KPSFF Donation

Preliminary Budget

The following represents the most current budget to date. Depending on site conditions and budget, LPR may add a musical element to the area. Example: "Six Tuned Drums" shown below.

