



**Parks**

# Design for the Upper Vale and Creation of a Northeast Pavilion

Located near the Northeast end of Prospect Park between Grand Army Plaza and the Prospect Park Zoo, Borough of Brooklyn

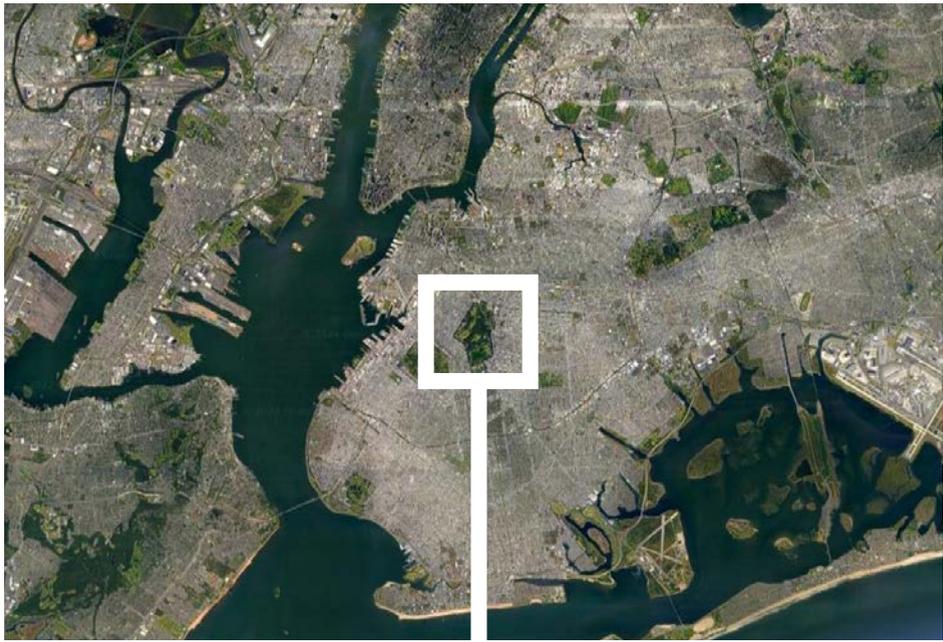
Public Design Commission

June 20, 2023

Prospect Park Alliance

**Total Budget:** \$27.5 million Mayoral Funding

**Project Size:** 8 acres (approximate)



City

2 MI



Prospect Park

Neighborhood

1000 FT



Google

Site

500 FT

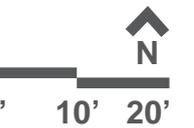


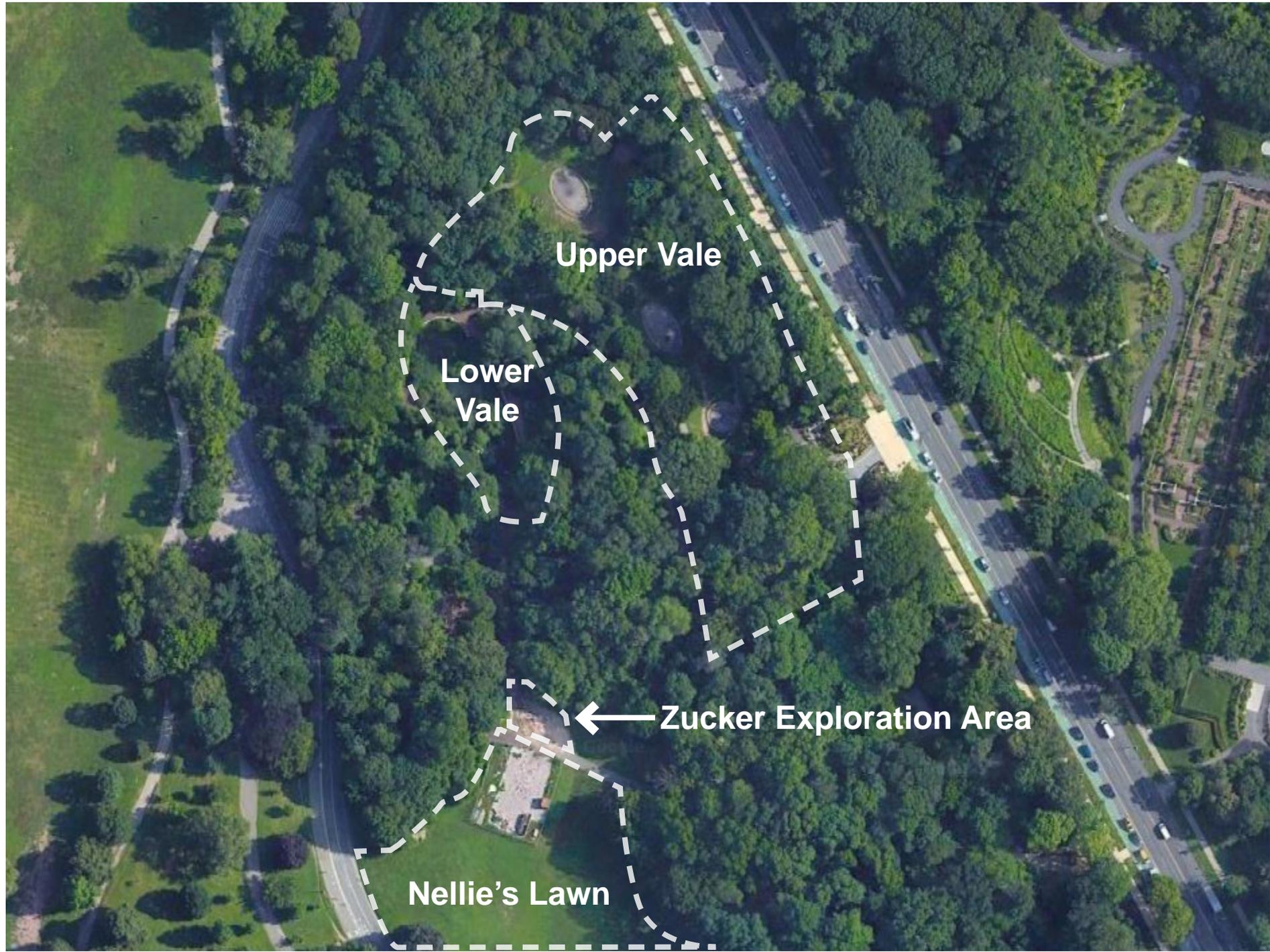
NYC Parks



Prospect Park Alliance

Prospect Park Location





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Prospect  
Park  
Alliance

**Prospect Park  
Location**

# Message from Prospect Park Alliance

For the past 35 years, the non-profit Prospect Park Alliance has partnered with the City to sustain Brooklyn's treasured green space, Prospect Park. Core to the Alliance's mission is preserving and sustaining the park for the community today and for generations to come. This work encompasses restoring its historic landscapes, buildings and vital natural areas, which include Brooklyn's last remaining forest and only lake. Central to this work is the ongoing care of the park's 250 acres of woodlands. Each year we plant thousands of trees, plants and shrubs that provide important habitat for park wildlife, but also contribute to the health and well-being of our community.

The restoration of the Vale in Prospect Park advances this mission. Untouched by restoration for more than 50 years, the Vale is located in the northeast corner of the park, a gateway to the park for east side communities, where the Alliance has undertaken a recent and extensive woodland restoration as well as other improvements, such as the restoration of the Flatbush Avenue perimeter and the creation of two new park entrances. This project will strengthen and enhance the woodland nature of this landscape, while making it more welcoming and accessible for all. The vision for the Vale resulted from two years of community outreach, and we felt it was important to go back to the community for your feedback before we embarked on design. This report shares this feedback and how it is shaping our plans.

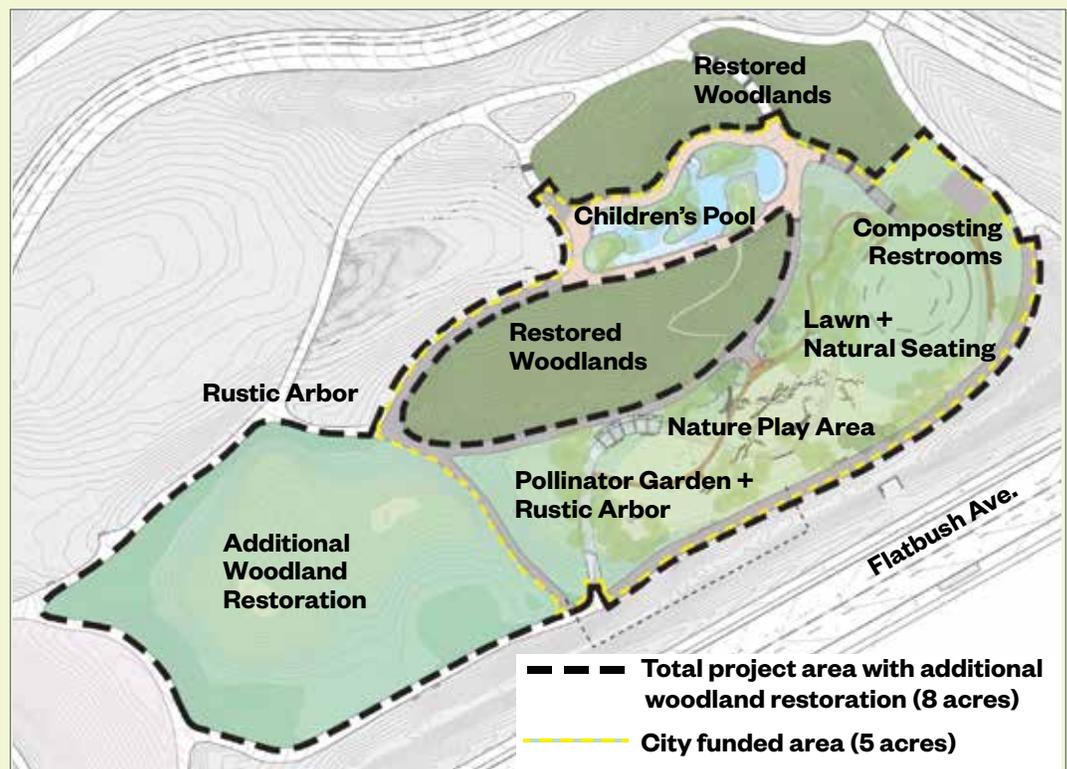
**James Snow**  
Interim President

## About The Project

Prospect Park Alliance is restoring and enhancing an 8-acre section of the Vale in the heart of the park's 27-acre northeast corner, an important natural area that has been untouched by restoration for more than 50 years. In 2017-18, the Alliance undertook an extensive community outreach effort to create a vision for the Vale, and in 2021, the City of New York allocated \$40 million in capital funding to make this vision a reality.

The Vale restoration transforms two key landscapes: the historic Children's Pool (a decorative water feature) and a former Rose Garden, and also

encompasses an additional 3 acres of woodland restoration that will continue an important pollinator corridor across the park. The restoration of the Children's Pool will bring back historic details while improving the environment through new plantings, bird-friendly features and a stormwater capture system. The former Rose Garden, which features three disused concrete basins, will be transformed into three distinct landscapes that respect the park's historic design while adding greenery and new amenities, including: a pollinator garden and rustic arbor; a children's nature play area; and a lawn with natural seating elements and small building with composting restrooms and a sheltered area for community use.



# 2022 Community Engagement Process

In Spring 2022, the Alliance embarked on a second community outreach effort to share this vision for the Vale and gather feedback prior to embarking on design. Through a series of engagements, the Alliance collected feedback from thousands of park users that is informing the project as the Alliance now begins on the design.

The goals of the process were to:

- Share back with the community the vision for the Vale, and how it was shaped by the 2017-18 community engagement process; and to
- Gather community feedback on the design concepts.

## Engagement Activities

**The following are the various engagement activities led by the Alliance during this period, which encompassed more than 2,100 interactions:**

**Virtual Community Workshop:** March 15, 2022: 150 attendees

**Traveling Road Show:** Brooklyn Public Library Central Library, Major Owens Community Health Center + LeFrak Center at Lakeside: March 28-April 11, 2022

**Prospect Park Community Committee:** April 5, 2022 - 35 attendees

**Ebbets Field Houses Tenant Organization:** April 6, 2022 - 30 attendees

**Community Board 8 General Meeting:** April 14, 2022 - 35 attendees

**Friends of Wingate Park:** April 20, 2022 - 10 attendees

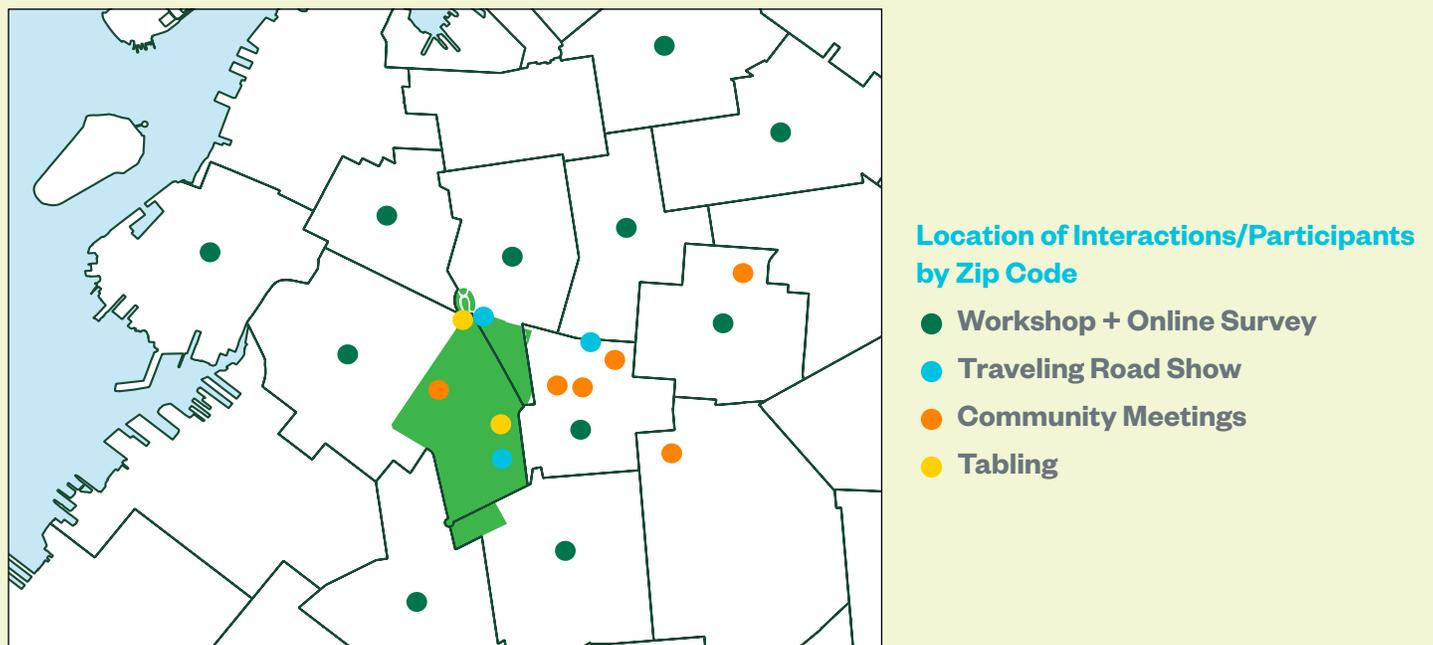
**Tabling in the Park (Grand Army Plaza Farmers Market + Audubon Center):** April 23, 2022: 30 survey responses

**Community Board 9 General Meeting:** April 26, 2022 - 52 attendees

**Sullivan-Ludlum-Stoddard Neighborhood Association/FLACC:** May 25, 2022 - 10 attendees

**Online Survey:** 365 survey responses

**Web Hub:** 1,376 website visits



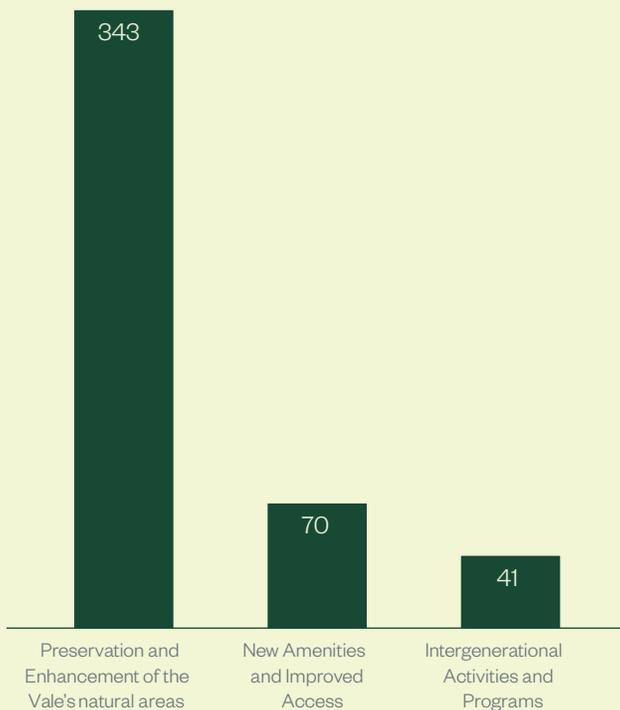
# Key Takeaways

The following are the key takeaways from the Spring 2022 Community Outreach:

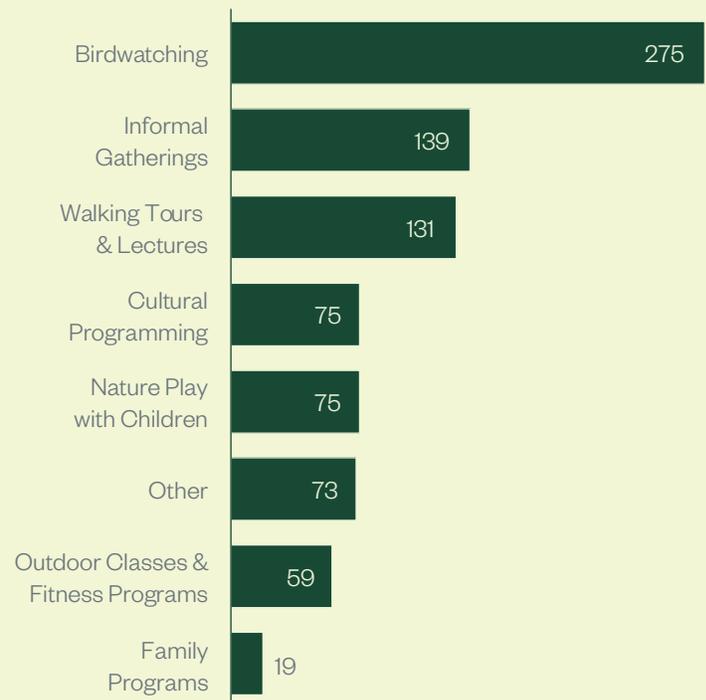
- **Preservation and enhancement of the Vale's natural features** were a high priority for many participants, as well as sustaining the area as a space for quiet reflection and passive recreation.
- **Participants were supportive of adding new amenities** in the area, including restrooms and drinking fountains, and stressed the importance of making the area safer and more accessible, i.e., increased lighting, police call boxes, signage and ADA-accessible pathways.
- **Participants were supportive of enhancing the area with additional trees and plantings**, including a pollinator garden and bird-friendly features, but requested fencing and other design interventions to protect these areas, particularly in terms of the siting and potential spillover of the nature play area.
- **Participants had concerns about the impact of a new building** in this natural area, which is an important bird habitat, including the relative size of the building and the need for interior space for meetings and classes.
- **Participants appreciated a natural seating area** (lawn with stone seating) to replace one of the existing concrete basins, but not as a place for large gatherings or events with amplified sound.

# Survey Results

What are you interested in seeing in the restored Vale? (Select all that apply.)



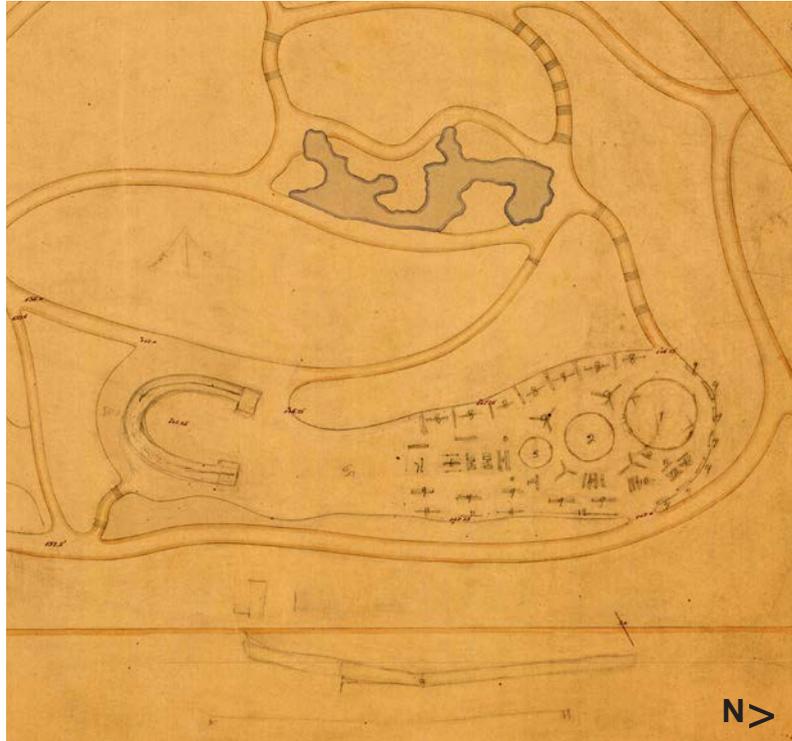
What activities do you imagine enjoying in the Vale? (Select all that apply.)



# Goals

- Restore the recreational intent of Olmsted and Vaux's original design by reintroducing children's play and exploration.
- Introduce site accessibility.
- Strengthen existing ecological corridors to the adjacent woodland.
- Provide a functional, accessible, energy efficient building with amenities for the public and staff including covered gathering spaces and composting restrooms.
- Provide supply storage for education, landscape management and volunteer departments to facilitate public programs and continue maintenance in this area of the park.
- Provide an outdoor covered space for informal gatherings and vantage points.
- Incorporate sustainable practices including LEED certification.
- Enhance pollinator corridors and species habitat by implementing an extensive green roof.
- Capture all stormwater onsite.





Sketch by F.L. Olmsted in **1868**.

The playground originally consisted of seesaws, swings, and parallel bars. The first carousel begins operation in the Children's Playground in 1874 and ceased operation in 1885, after which all interest is lost in the playground. The space was largely deserted by the early 1890's.



Standing between two basins, looking North **1913**.

The children's playground is redesigned as a Rose Garden with three lily basins and an iron rose arbor in the Italian style by McKim, Mead & White. Olmsted recorded his objection in a letter to the Park Commissioner Frank Squier in 1895.



Looking North in **1969**, the basins are now defined by grass edges and yew shrubs.

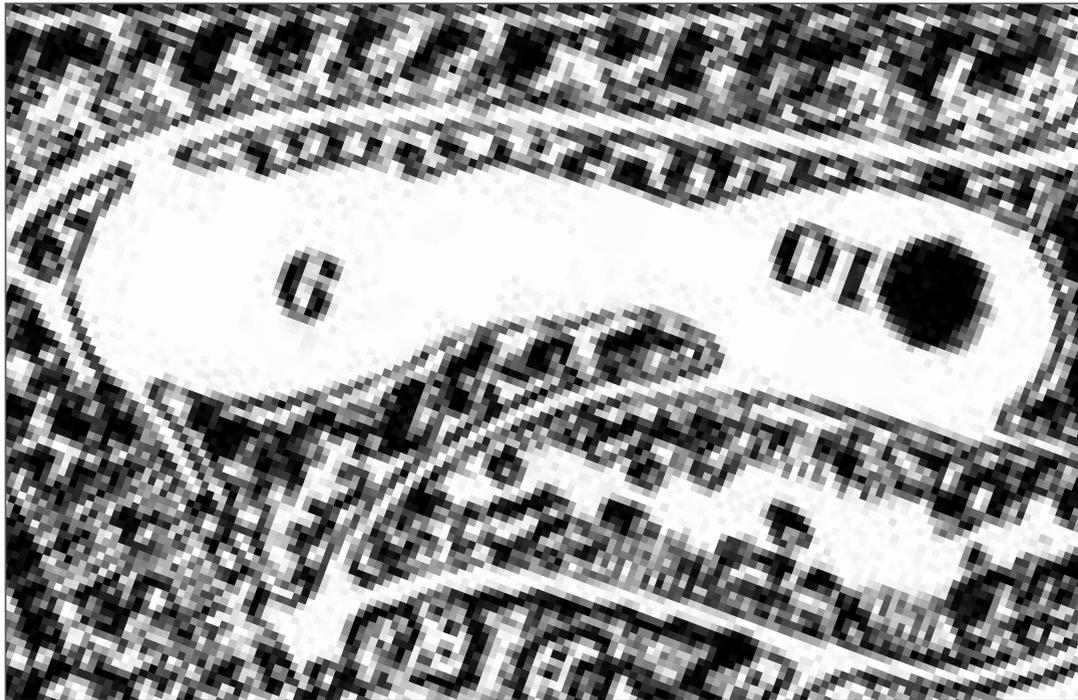
The Rose Garden is restored by landscape architecture firm Coffey, Levine and Associates who retain the three basins for fountains but remove the flower beds and geometrical walkways; the basins are now constructed of concrete, rather than stone coping. Fountains are known to have only worked once.



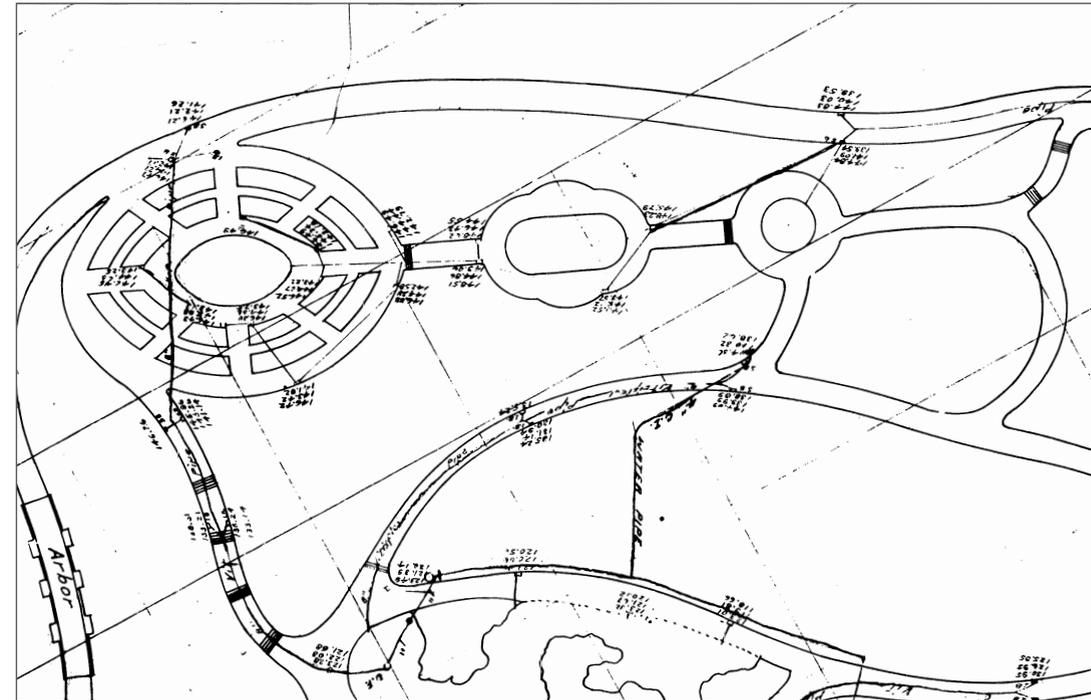
Pool basins as they appear in **2020**, looking North.

The redesign of the 1960's incorporate landscaping that would require intensive maintenance that it would never receive. The lack of maintenance led to the disappearance of the framed views.

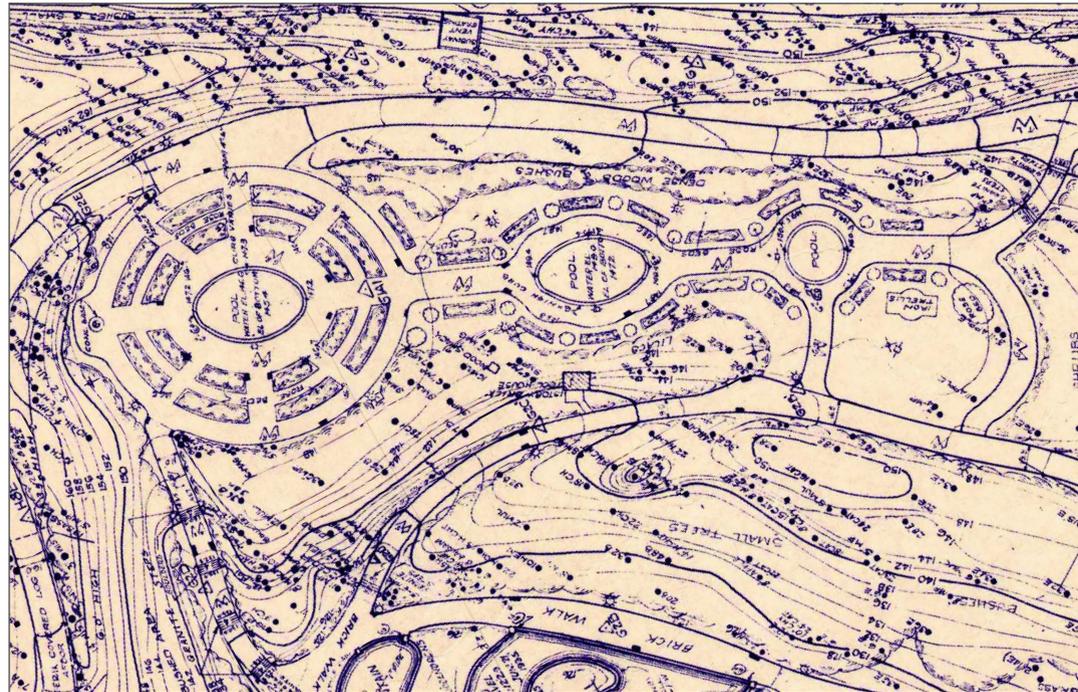
**1874 Historic Plan**  
**(Poor Image Quality)**  
Olmsted and Vaux



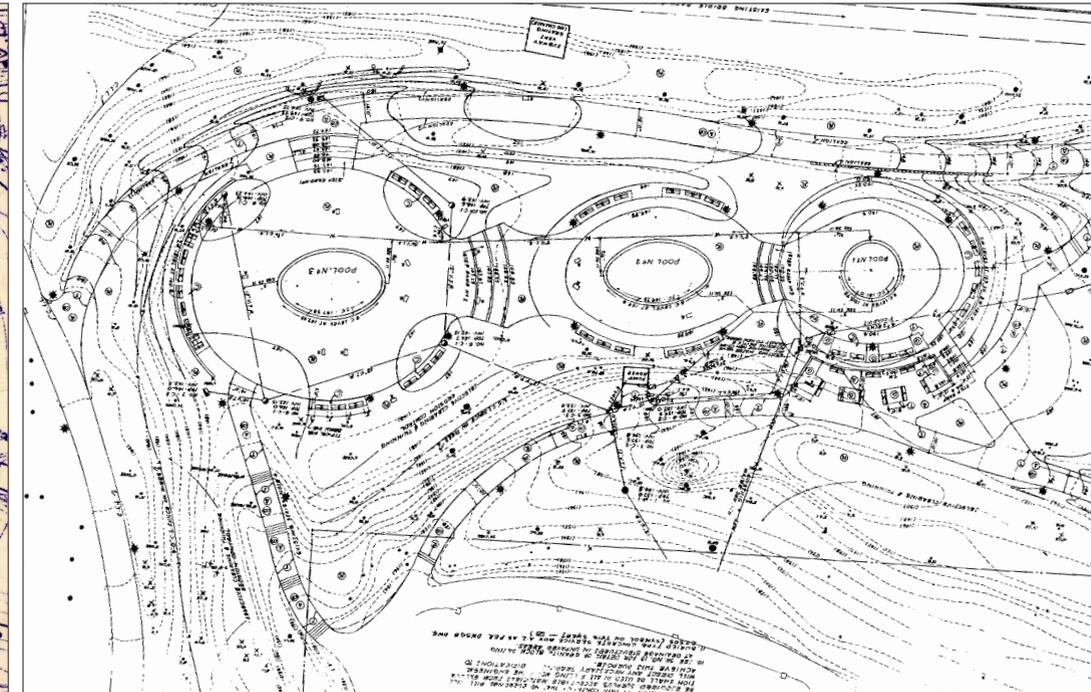
**1916 Historic Utility Plan**  
McKim, Meade, and White



**1935 Historic Survey**  
McKim, Meade, and White



**1968 Grading Plan**  
Coffey and Levine



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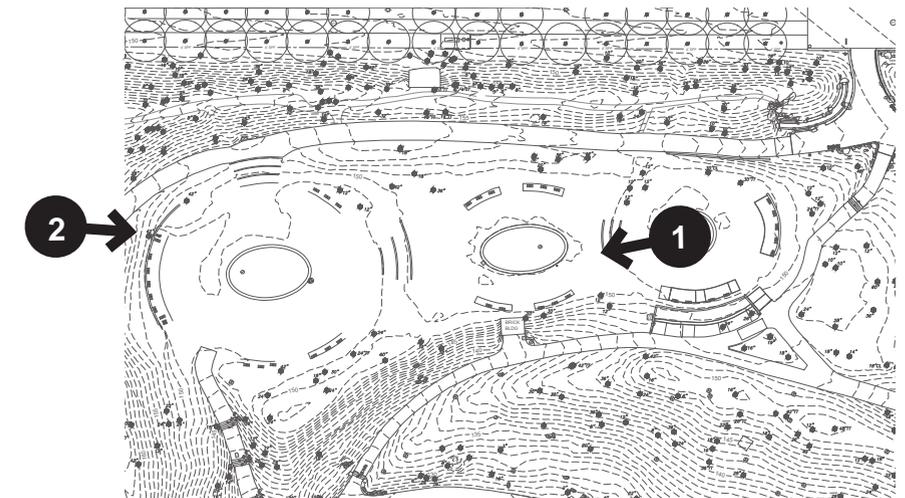
**Upper Vale & Northeast Pavilion | Historic Plans and Surveys**



**1 - Rose Garden, 1904**  
McKim, Meade, and White



**2 - Rose Garden, circa late 1950's**  
McKim, Meade, and White





## Legend

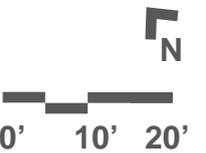
-  Park Entrance
-  Upper Vale Entrance
-  Concrete
-  Asphalt
-  Pump House
-  Grass
-  Shrub Understory  
-Yew  
-Holly  
-Euonymus
-  Woodland Landscape
-  Tree
-  Parks Lightpole
-  Forever Wild Boundary

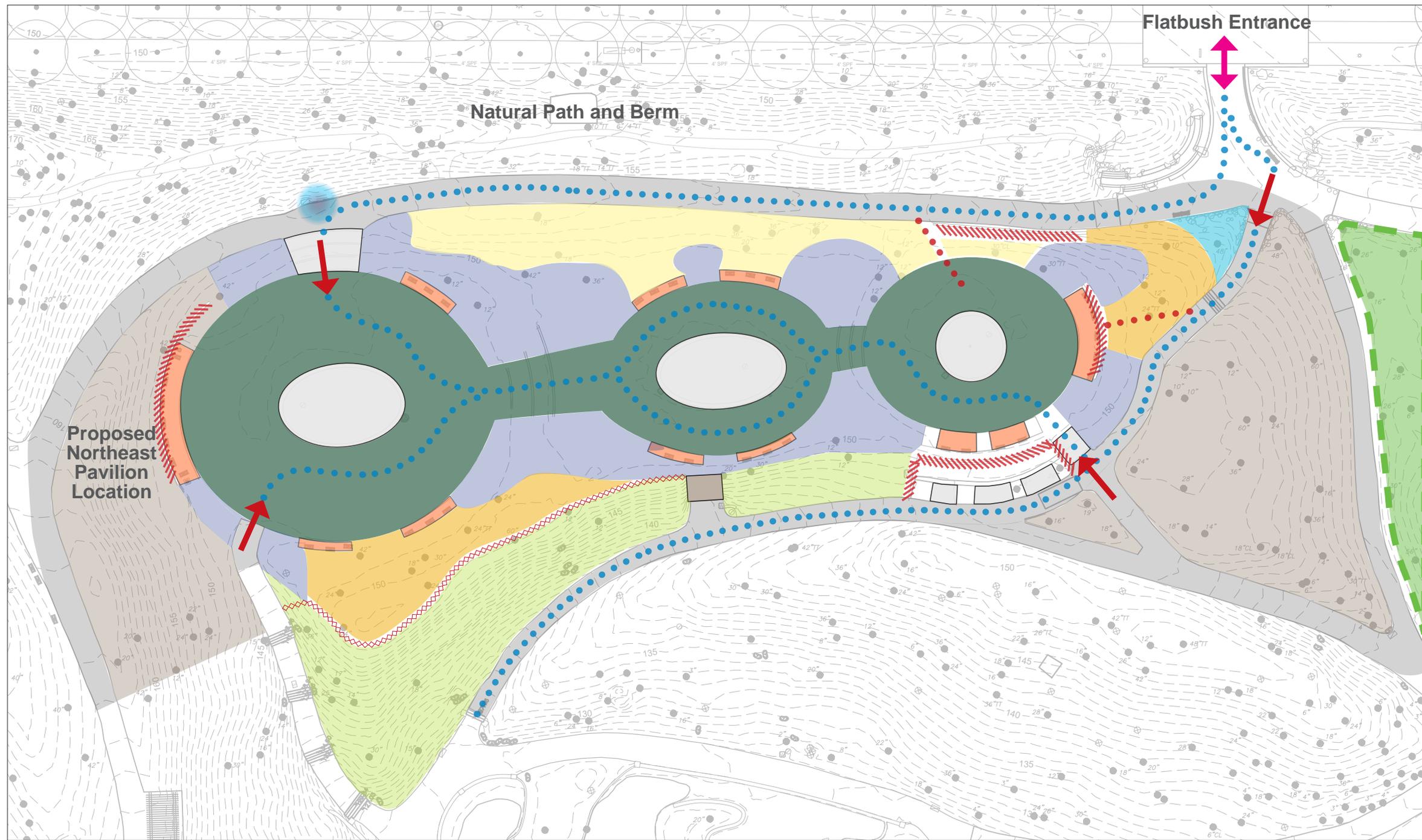


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# Prospect Park Upper Vale & Northeast Pavilion | Site Inventory





# Legend

-  Accessible Park Entrance
-  Non-Accessible Entrance
-  Wall/Curb in poor condition
-  Broken Chain Link Fence
-  Pedestrian Circulation
-  Desire Line
-  Empty Concrete Pools
-  Soil compaction and eroding grass
-  Cracked Concrete Pads and Deteriorating Benches
-  Overgrown Yew shrubs on benches or pathway
-  Steep Slope w/Invasive Plantings
-  Invasive Euonymus Perimeter
-  Rain Garden
-  Overgrown non-invasive planting
-  Forever Wild Boundary
-  Drainage Problem



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## Prospect Park Upper Vale & Northeast Pavilion | Site Analysis

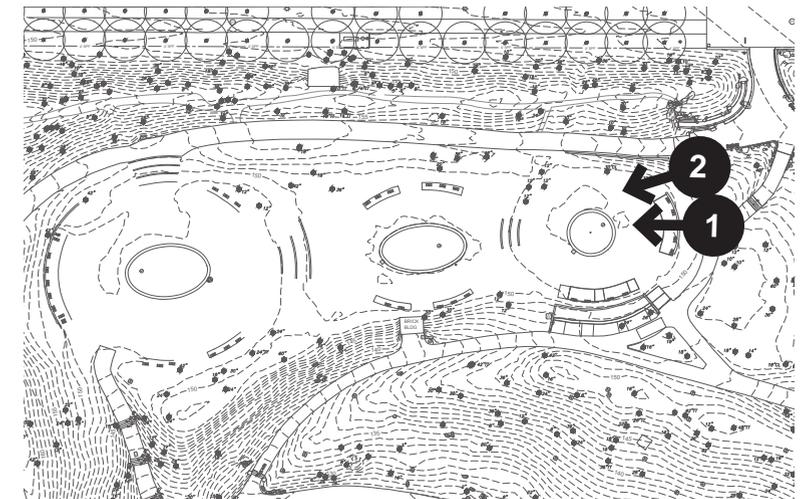




**1 - Concrete Fountains, 1965**  
Coffey and Levine



**2 - Concrete Fountains, 2022**  
Coffey and Levine





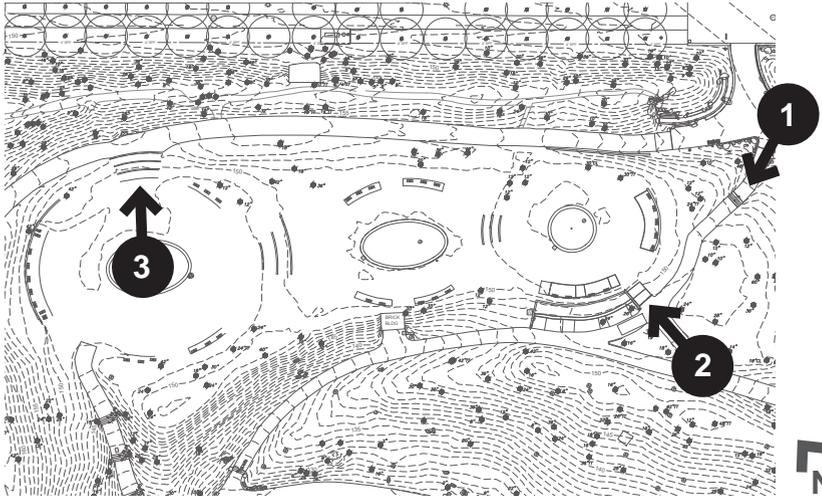
1 - Entrance from Flatbush Avenue entrance



2 - Entrance from interior park pathway



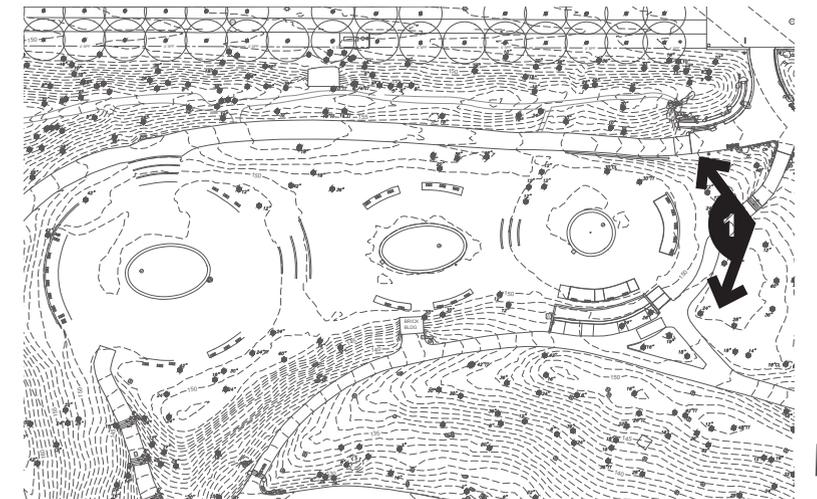
3 - Entrance from perimeter pathway



**Prospect Park**  
Upper Vale & Northeast Pavilion | Existing Site Photos



1 - Broken stone wall



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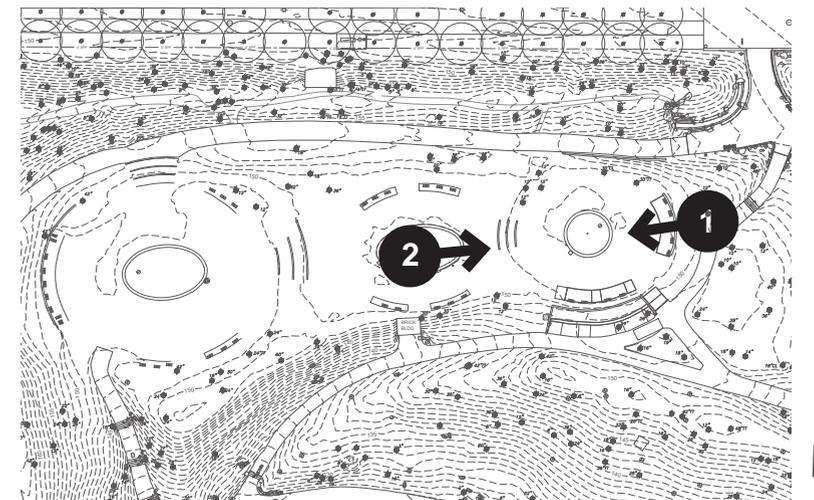
**Prospect Park**  
Upper Vale & Northeast Pavilion | Existing Site Photos



1 - Long view of the Upper Vale obstructed by yews



2 - Yews over concrete stairs and lawn pathway



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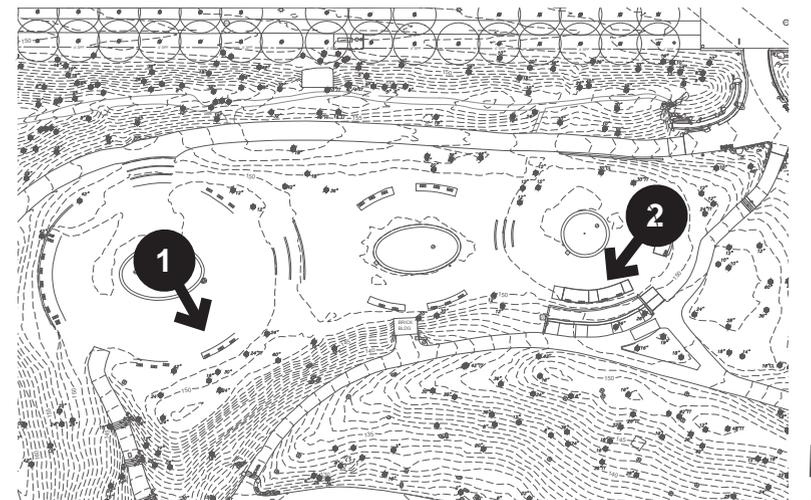
Prospect Park  
Upper Vale & Northeast Pavilion | Existing Site Photos



1 - Overgrown seating area



2 - Damaged trees and heaving cobbles





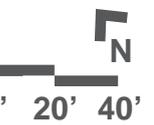
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## Prospect Park

Upper Vale & Northeast Pavilion | Approved Conceptual Plan



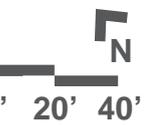


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**Prospect Park**  
Upper Vale & Northeast Pavilion | Preliminary Plan



**DESIGN BASED  
TREE REMOVALS**

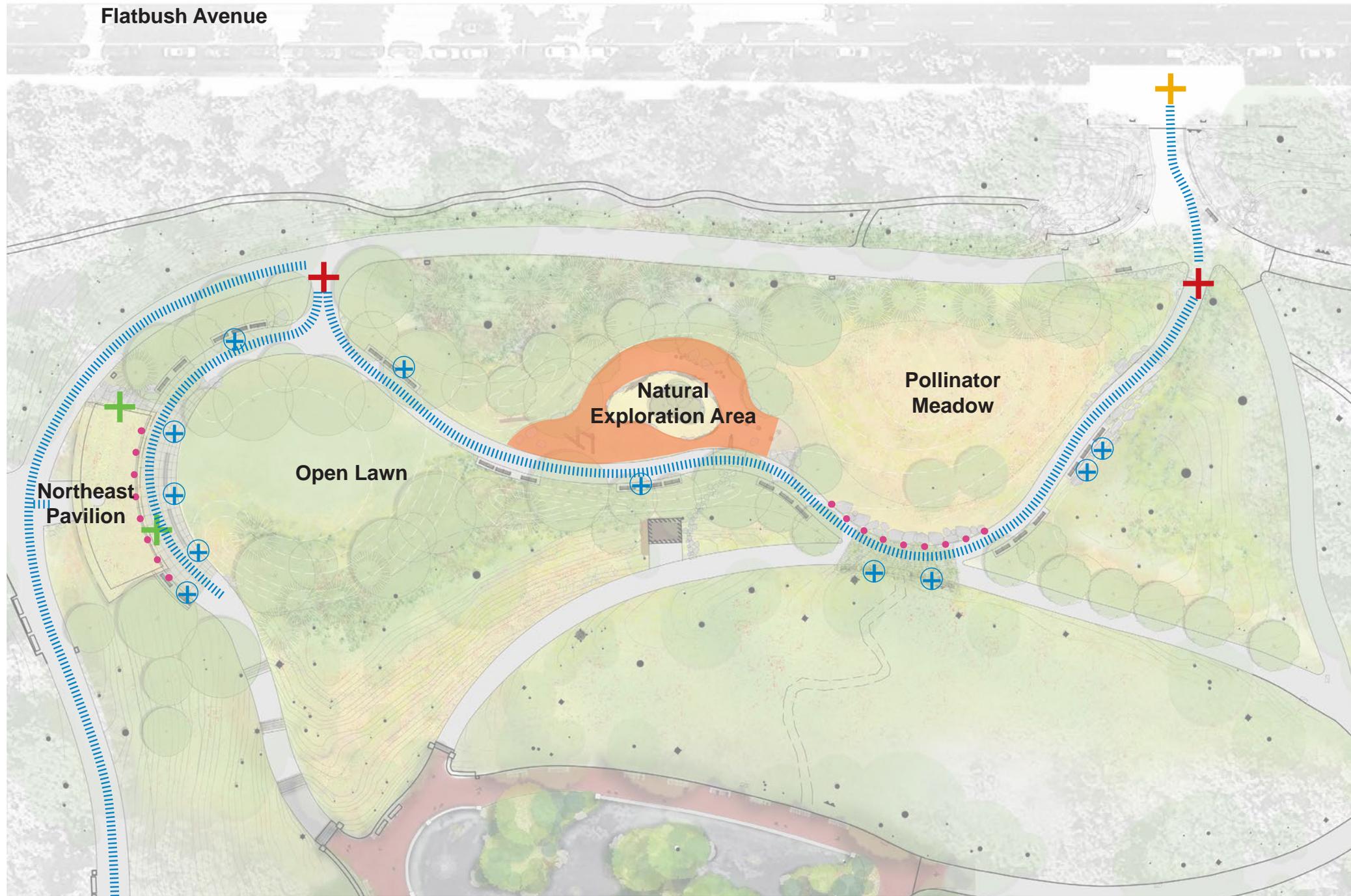
*Tree Number, Size, Type*

- 14 26" Japanese Pagoda
- 15 22" Japanese Pagoda
- 19 12" White Mulberry
- 20 10" White Mulberry
- 55 33" Maple Sycamore
- 56 7" White Mulberry
- 58 7" White Mulberry
- 101 22" Sycamore Maple
- 102 9" Sycamore Maple
- 103 7" Sycamore Maple
- 104 18" Sycamore maple
- 106 6" Sycamore Maple
- 107 9" Sycamore Maple
- 108 9" Sycamore Maple
- 109 9" Sycamore Maple
- 139 6" Norway Maple
- 140 8" American Elm
- 141 9" Norway Maple
- 304 8" Red Mulberry
- 305 30" Sycamore Maple



**LEGEND**

-  Dripline
-  Critical Root Zone
-  Tree Removal due to poor condition
-  Tree Removal due to design



**LEGEND**

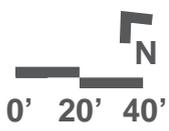
-  Accessible pavement
-  Braille Leaning Rail
-  Accessible Play Surface
-  Accessible entrance to Upper Vale
-  Accessible park entrance
-  Accessible entrance to Northeast Pavilion
-  Companion seating



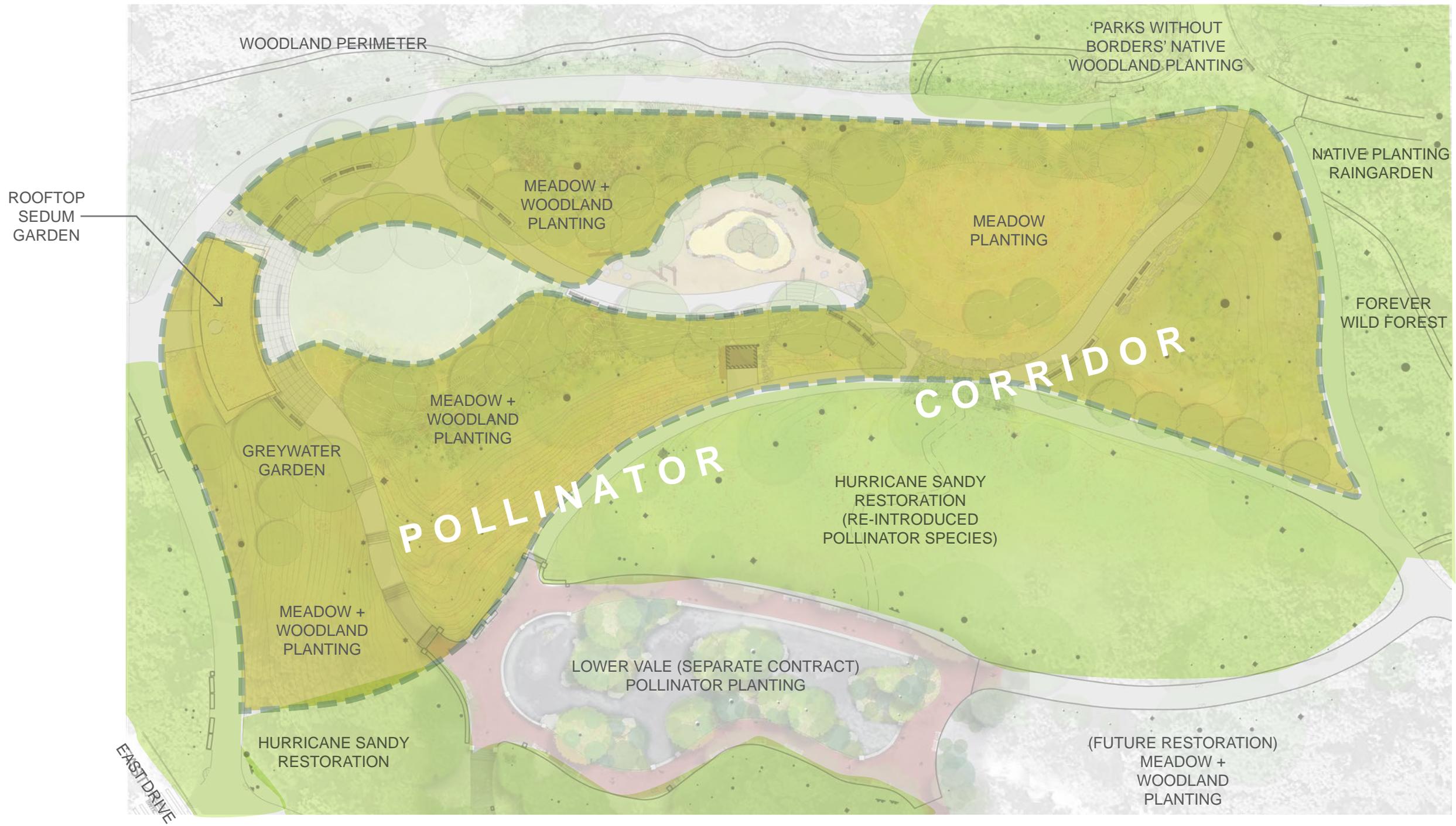
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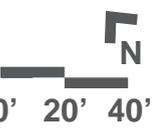
**Prospect Park**  
Upper Vale & Northeast Pavilion | Proposed Site Accessibility







**Prospect Park**  
 Upper Vale & Northeast Pavilion | Pollinator Corridor & Recent Restoration





## NATIVE PLANT-INSECT INTERACTIONS

by Heather Holm & Prairie Moon Nursery

Species offered by Prairie Moon Nursery provide a wide range of forage and habitat for native pollinators and insects. Heather Holm, author of "Pollinators of Native Plants," has compiled a general guide to these plant and insect relationships. To learn more about native plants and the insects that rely on them check out Heather's books, or any book by the Xerces Society (prairiemoon.com/books).

Botanical Name	Common Name	Bumble Bees	Solitary Bees	Specialist Bee	Butterfly/Moth	*Host Plant	Wasps	Flies	Beetles	Hummingbirds
<i>Actaea rubra</i>	Red Baneberry									
<i>Agastache foeniculum</i>	Anise Hyssop	•	•	•				•	•	•
<i>Agastache scrophulariaefolia</i>	Purple Giant Hyssop	•	•	•				•	•	•
<i>Allium cernuum</i>	Nodding Onion								•	•
<i>Allium tricoccum</i>	Wild Leek	•	•							
<i>Amelanchier canadensis</i>	Shadblow									
<i>Amorpha canescens</i>	Lead Plant	•	•			•	•		•	
<i>Amsonia illustris</i>	Ozark Bluestar	•	•							
<i>Anaphalis margaritacea</i>	Pearly Everlasting	•	•	•	•	•	•	•	•	•
<i>Andropogon gerardii</i>	Big Bluestem					•				
<i>Anemone canadensis</i>	Canada Anemone		•						•	•
<i>Aquilegia canadensis</i>	Columbine	•			•					•
<i>Arisaema triphyllum</i>	Jack-in-the-Pulpit								•	
<i>Asclepias exaltata</i>	Poke Milkweed	•		•	•					
<i>Asclepias hirtella</i>	Tall Green Milkweed	•	•	•	•	•	•	•	•	•
<i>Asclepias incarnata</i>	Rose Milkweed	•	•	•	•	•	•	•	•	•
<i>Asclepias ovalifolia</i>	Oval-leaf Milkweed	•	•	•	•	•	•	•	•	•
<i>Asclepias syriaca</i>	Common Milkweed	•	•	•	•	•	•	•	•	•
<i>Asclepias tuberosa</i>	Butterfly Weed	•	•	•	•	•	•	•	•	•
<i>Asclepias verticillata</i>	Whorled Milkweed	•	•	•	•	•	•	•	•	•
<i>Asclepias viridis</i>	Spider Milkweed	•	•	•	•	•	•	•	•	•
<i>Asclepias sullivanti</i>	Prairie Milkweed	•	•	•	•	•	•	•	•	•
<i>Baptisia alba</i>	White Wild Indigo	•	•	•						
<i>Baptisia australis</i>	Blue Wild Indigo	•	•	•						
<i>Baptisia bracteata</i>	Cream Wild Indigo	•	•	•						
<i>Baptisia tinctoria</i>	Sm Yellow Wild Indigo	•	•	•						
<i>Blephilia ciliata</i>	Downy Wood Mint	•	•	•			•	•		
<i>Blephilia hirsuta</i>	Hairy Wood Mint	•	•	•			•	•		
<i>Boltonia asteroides</i>	False Aster	•	•	•	•	•	•	•	•	•
<i>Bouteloua curtipendula</i>	Side-oats Grama					•				
<i>Callirhoe bushii</i>	Bush's Poppy Mallow		•							
<i>Camassia scilloides</i>	Wild Hyacinth	•	•	•	•	•	•	•	•	•
<i>Campanula rotundifolia</i>	Harebell	•	•	•					•	
<i>Cardamine concatenata</i>	Toothwort		•			•				
<i>Carex blanda</i>	Common Wood Sedge					•				
<i>Carex lupulina</i>	Common Hop Sedge					•				
<i>Carex muskingumensis</i>	Palm Sedge					•				
<i>Carex pensylvanica</i>	Pennsylvania Sedge					•			•	
<i>Ceanothus americanus</i>	New Jersey Tea	•	•	•	•	•	•	•	•	•
<i>Chamaenerion angustifolium</i>	Fireweed	•	•	•	•	•	•	•	•	•
<i>Cimicifuga racemosa</i>	Black Cohosh		•						•	•
<i>Cirsium discolor</i>	Pasture Thistle	•	•	•	•	•	•	•	•	•
<i>Clematis virginiana</i>	Virgin's Bower	•	•	•	•	•	•	•	•	•

<i>Conoclinium coelestinum</i>	Mistflower	•	•	•	•					
<i>Coreopsis lanceolata</i>	Lance-leaf Coreopsis	•	•	•	•				•	
<i>Coreopsis palmata</i>	Prairie Coreopsis	•	•	•	•			•	•	•
<i>Cornus stolonifera</i>	Red Osier Dogwood	•	•	•	•	•	•	•	•	•
<i>Corylus americana</i>	American Hazelnut						•			
<i>Dalea purpurea</i>	Purple Prairie Clover	•	•	•	•	•	•	•	•	•
<i>Echinacea pallida</i>	Pale Purple Coneflower	•	•	•	•	•	•	•	•	•
<i>Echinacea paradoxa</i>	Bush's Coneflower	•	•	•	•	•	•	•	•	•
<i>Echinacea purpurea</i>	Purple Coneflower	•	•	•	•	•	•	•	•	•
<i>Eragrostis spectabilis</i>	Purple Love Grass						•			
<i>Eryngium yuccifolium</i>	Rattlesnake Master	•	•	•	•	•	•	•	•	•
<i>Erythronium albidum</i>	White Trout Lily	•	•					•		
<i>Eurybia macrophylla</i>	Big-leaved Aster	•	•	•	•	•	•	•	•	•
<i>Eutrochium purpureum</i>	Sweet Joe Pye Weed	•	•	•	•	•	•	•	•	•
<i>Eutrochium maculatum</i>	Joe Pye Weed	•	•	•	•	•	•	•	•	•
<i>Filipendula rubra</i>	Queen of the Prairie	•	•					•		
<i>Fragaria virginiana</i>	Wild Strawberry	•	•	•	•	•	•	•	•	•
<i>Gentiana andrewsii</i>	Bottle Gentian	•								
<i>Geranium maculatum</i>	Wild Geranium	•	•	•	•	•	•	•	•	•
<i>Helenium autumnale</i>	Sneezeweed	•	•	•	•	•	•	•	•	•
<i>Helianthus occidentalis</i>	Western Sunflower	•	•	•	•	•	•	•	•	•
<i>Heliopsis helianthoides</i>	Early Sunflower	•	•	•	•	•	•	•	•	•
<i>Heuchera richardsonii</i>	Prairie Alumroot	•								



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Botanical Name	Common Name	Bumble Bees	Solitary Bees	Specialist Bee	Butterfly/Moth	*Host Plant	Wasps	Flies	Beetles	Hummingbirds
<i>Hibiscus laevis</i>	Rose Mallow	•	•							
<i>Hypericum prolificum</i>	Shrubby St. John's Wort	•	•					•	•	
<i>Iris cristata</i>	Dwarf Crested Iris	•								
<i>Iris virginica var. shrevei</i>	Southern Blue Flag									•
<i>Koeleria macrantha</i>	June Grass		•							
<i>Liatris aspera</i>	Button Blazing Star	•	•					•	•	
<i>Liatris cylindracea</i>	Dwarf Blazing Star	•	•					•	•	
<i>Liatris ligulistylis</i>	Meadow Blazing Star	•	•							•
<i>Liatris pycnostachya</i>	Prairie Blazing Star	•	•					•	•	
<i>Lilium michiganense</i>	Michigan Lily					•				•
<i>Lobelia cardinalis</i>	Cardinal Flower									•
<i>Lobelia siphilitica</i>	Great Blue Lobelia	•	•							•
<i>Lupinus perennis</i>	Wild Lupine	•	•			•		•		
<i>Maianthemum racemosum</i>	Solomon's Plume					•		•	•	
<i>Melanthium virginicum</i>	Bunch Flower								•	•
<i>Monarda bradburiana</i>	Bradbury's Monarda	•	•	•	•	•	•	•	•	•
<i>Monarda fistulosa</i>	Wild Bergamot	•	•	•	•	•	•	•	•	•
<i>Monarda punctata</i>	Spotted Bee Balm	•	•	•	•	•	•	•	•	•
<i>Oligoneuron rigidum</i>	Stiff Goldenrod	•	•	•	•	•	•	•	•	•
<i>Opuntia humifusa</i>	Eastern Prickly Pear	•	•						•	
<i>Oxalis violacea</i>	Violet Wood Sorrel	•	•					•	•	
<i>Panicum virgatum</i>	Switch Grass						•			
<i>Parthenium integrifolium</i>	Wild Quinine	•	•	•	•	•	•	•	•	•

<i>Parthenium integrifolium</i>	Wild Quinine	•	•	•	•	•	•	•	•	•
<i>Penstemon digitalis</i>	Foxglove Beardtongue	•	•						•	•
<i>Penstemon grandiflorus</i>	Large-flowered Beardtongue	•	•						•	•
<i>Penstemon hirsutus</i>	Hairy Beardtongue	•	•	•	•	•	•	•	•	•
<i>Penstemon pallidus</i>	Pale Beardtongue	•	•							
<i>Phlox pilosa</i>	Prairie Phlox	•	•	•	•	•	•	•	•	•
<i>Physostegia virginiana</i>	Obedient Plant	•	•							
<i>Podophyllum peltatum</i>	May Apple	•	•							
<i>Polemonium reptans</i>	Jacob's Ladder	•	•						•	•
<i>Pycnanthemum verticillatum</i>	Hairy Mountain Mint	•	•	•	•	•	•	•	•	•
var. pilosum										
<i>Ratibida pinnata</i>	Yellow Coneflower	•	•	•	•	•	•	•	•	•
<i>Rosa carolina</i>	Pasture Rose	•	•					•	•	•
<i>Rosa palustris</i>	Swamp Rose	•	•	•	•	•	•	•	•	•
<i>Rosa setigera</i>	Illinois Rose	•	•	•	•	•	•	•	•	•
<i>Rudbeckia fulgida</i>	Orange Coneflower	•	•						•	•
<i>Rudbeckia hirta</i>	Black-eyed Susan	•	•	•	•	•	•	•	•	•
<i>Rudbeckia laciniata</i>	Wild Golden Glow	•	•	•	•	•	•	•	•	•
<i>Rudbeckia subtomentosa</i>	Sweet Black-eyed Susan	•	•	•	•	•	•	•	•	•
<i>Rudbeckia triloba</i>	Brown-eyed Susan	•	•	•	•	•	•	•	•	•
<i>Ruellia humilis</i>	Wild Petunia	•	•	•	•	•	•	•	•	•
<i>Salix discolor</i>	Pussy Willow-male	•	•	•	•	•	•	•	•	•
<i>Salvia azurea</i>	Blue Sage	•	•	•	•	•	•	•	•	•
<i>Sambucus canadensis</i>	Elderberry	•							•	•
<i>Schizachyrium scoparium</i>	Little Bluestem							•		
<i>Scrophularia marilandica</i>	Late Figwort	•	•	•	•	•	•	•	•	•
<i>Silene regia</i>	Royal Catchfly							•		•
<i>Silphium laciniatum</i>	Compass Plant	•	•	•	•	•	•	•	•	•
<i>Silphium terebinthinaceum</i>	Prairie Dock	•	•	•	•	•	•	•	•	•
<i>Sisyrinchium albidum</i>	Common Blue-eyed Grass	•								
<i>Solidago speciosa</i>	Showy Goldenrod	•	•	•	•	•	•	•	•	•
<i>Symphoricarpos albus</i>	Snowberry	•	•	•	•	•	•	•	•	•
<i>Symphoricarpos orbiculatus</i>	Coralberry	•	•	•	•	•	•	•	•	•
<i>Symphotrichum laevis</i>	Smooth Blue Aster	•	•	•	•	•	•	•	•	•
<i>Symphotrichum novae-angliae</i>	New England Aster	•	•	•	•	•	•	•	•	•
<i>Symphotrichum oblongifolius</i>	Aromatic Aster	•	•	•	•	•	•	•	•	•
<i>Symphotrichum oolentangiense</i>	Sky Blue Aster	•	•	•	•	•	•	•	•	•
<i>Symphotrichum shortii</i>	Short's Aster	•	•	•	•	•	•	•	•	•
<i>Taenidia integerrima</i>	Yellow Pimpernel	•	•	•	•	•	•	•	•	•
<i>Tradescantia ohioensis</i>	Ohio Spiderwort	•	•							
<i>Verbena hastata</i>	Blue Vervain	•	•	•	•	•	•	•	•	•
<i>Verbena stricta</i>	Hoary Vervain	•	•	•	•	•	•	•	•	•
<i>Vernonia fasciculata</i>	Common Ironweed	•	•	•	•	•	•	•	•	•
<i>Veronicastrum virginicum</i>	Culver's Root	•	•	•	•	•	•	•	•	•
<i>Viola pedatifida</i>	Prairie Violet	•	•							
<i>Viola sororia</i>	Common Blue Violet	•	•							
<i>Zizia aurea</i>	Golden Alexanders	•	•	•	•	•	•	•	•	•

\*Honeybees are not native to North America, therefore not included on this chart. They are considered generalist foragers, have no known plant specializations, and visit a wide variety of plants. Many native bees, on the other hand, are specialist insects that have evolved specific relationships to a limited variety of plants. In addition, studies suggest that honey bees can negatively impact native bee populations by competing for limited floral resources and transmitting pathogens. If you plant for specialists, the generalists will come! By choosing native plants, you are providing nutritionally significant food sources for both honey bees and native bees.

\*Host Plant (larva) is defined as a specific plant species or genus that a butterfly or moth larva (caterpillar) feeds upon.

01/19-2,000



NYC Parks



Prospect Park

Upper Vale & Northeast Pavilion | Research: Pollinator Relationships

**Spring  
Ephemerals:**



**Celandine Poppy**  
*Stylophorum diphyllum*



**Virginia Bluebells**  
*Mertensia virginica*



**White Trillium**  
*Trillium grandiflorum*

**Arbor  
Planting:**



**American Wisteria**  
*Wisteria frutescens*

**Meadow  
Species:**



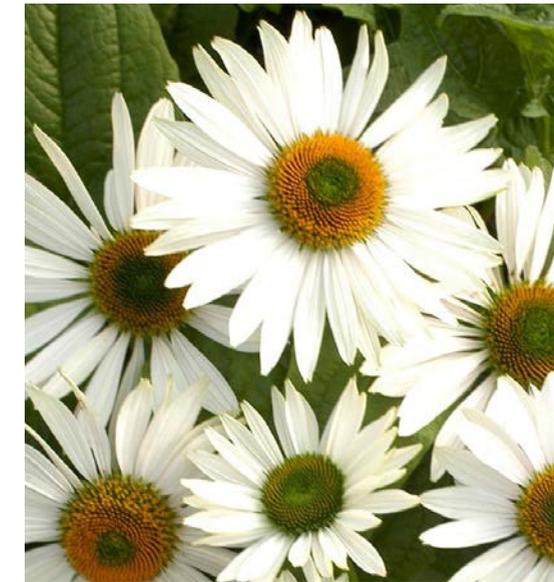
**Purpletop tridens**  
*Trodems flavus*



**Violet Yarrow**  
*Achillea millefolium*



**Purple Love Grass**  
*Eragrostis spectabilis*



**Fragrant Angel Coneflower**  
*Echinacea purpurea 'Fragrant Angel'*



NYC Parks



**Prospect Park**  
**Upper Vale & Northeast Pavilion | Proposed Plant Palette**



**Black Adder Hyssop**  
*Agastache 'Black Adder'*



**Spotted Bee Balm**  
*Monarda punctata*



**St. John's Wort**  
*Hypericum ascyron*



**Lesser Calamint**  
*Calamintha nepeta*



**Smooth Blue Aster**  
*Symphyotricum laeve*



**Gray Goldenrod**  
*Solidago nemoralis*



**Wild Bergamot**  
*Monarda fistulosa*



**Indian Grass**  
*Sorghum nutans*



**Hyssop-leaved Boneset**  
*Eupatorium hyssopifolium*



**Butterfly Milkweed**  
*Asclepias tuberosa*



**Prospect Park**  
**Upper Vale & Northeast Pavilion | Proposed Plant Palette**

**Woodland:**



**Christmas Fern**  
*Polystichum acrostichoides*



**Hairy Beardtongue**  
*Penstemon hirsutus*



**Hoary Mountain Mint**  
*Pycnanthemum incanum*



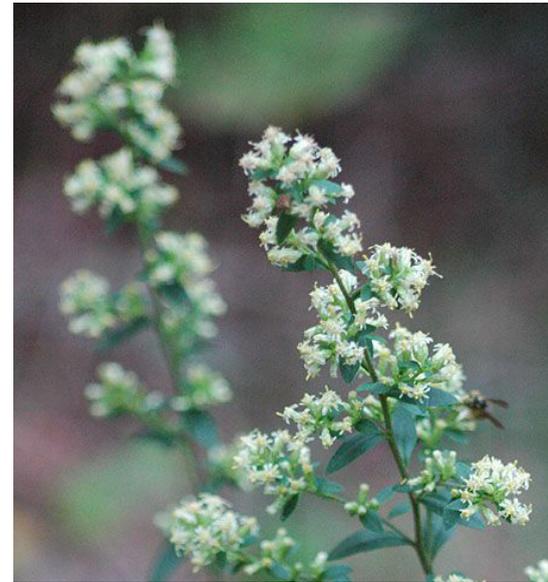
**White Avens**  
*Geum canadense*



**Pennsylvania Sedge**  
*Carex pennsylvanica*



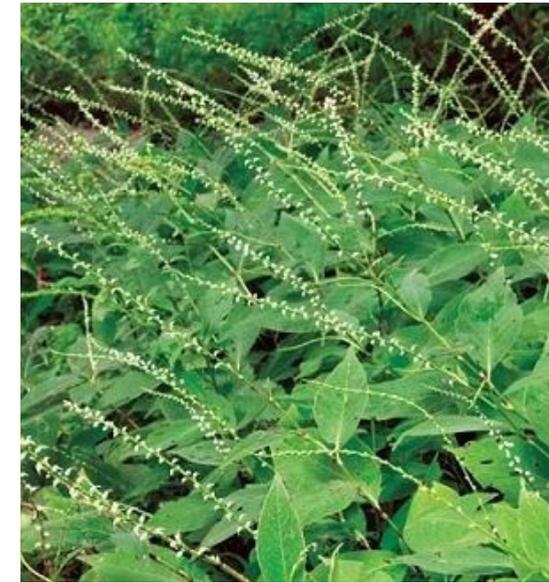
**Violet**  
*Viola sp.*



**White Goldenrod**  
*Solidago bicolor*



**Wild Strawberry**  
*Fragaria vesca*



**Virginia Jumpseed**  
*Persicaria virginiana*



NYC Parks



**Prospect Park**  
**Upper Vale & Northeast Pavilion | Proposed Plant Palette**



**Wild Bergamot**  
*Monarda fistulosa*



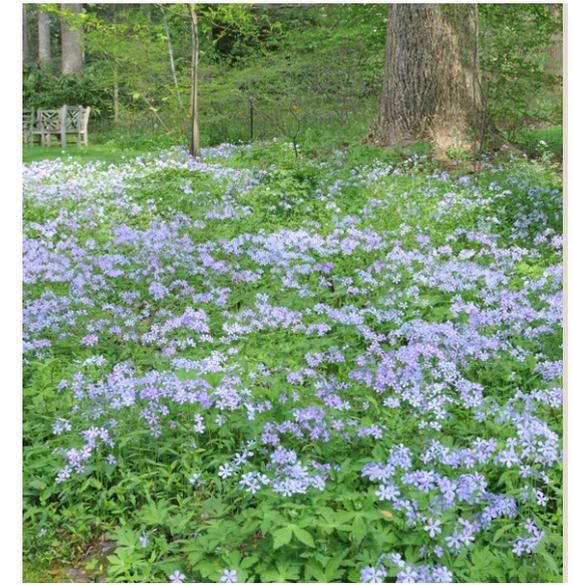
**Wild Geranium**  
*Geranium maculatum*



**Wild Ginger**  
*Asarum canadense*



**Wingstem**  
*Verbesina alternifolia*



**Woodland Phlox**  
*Phlox divaricata*

**Trees +  
Shrubs:**



**Red Maple**  
*Acer rubrum*



**Black Birch**  
*Betula lenta*



**Blackgum**  
*Nyssa sylvatica*



**Tulip Tree**  
*Liriodendron tulipifera*



NYC Parks



**Prospect Park**  
**Upper Vale & Northeast Pavilion | Proposed Plant Palette**



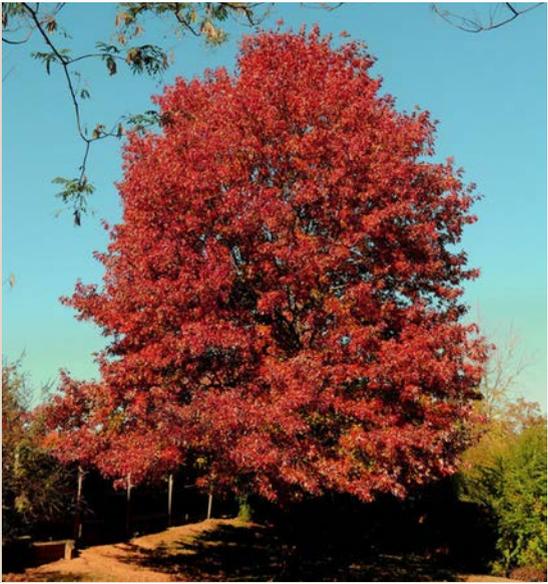
**Red Pine**  
*Pinus resinosa*



**Eastern Redbud**  
*Cercis canadensis*



**Eastern White Pine**  
*Pinus strobus*



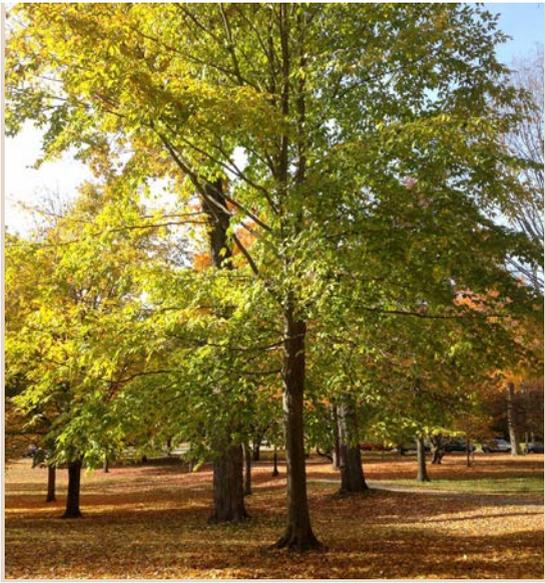
**Northern Red Oak**  
*Quercus rubra*



**Scarlet Oak**  
*Quercus coccinea*



**American Holly**  
*Ilex opaca*



**American Beech**  
*Fagus grandiflora*



**American Hophornbeam**  
*Ostrya virginiana*



**Shagbark Hickory**  
*Carya laciniosa*



**Northern Catalpa**  
*Catalpa speciosa*



**Prospect Park**  
**Upper Vale & Northeast Pavilion | Proposed Plant Palette**



**Pagoda Dogwood**  
*Cornus alternifolia*



**Winterberry**  
*Ilex verticillata*



**Serviceberry**  
*Amelanchier*



**Spicebush**  
*Lindera benzoin*



**Pinxterbloom Azalea**  
*Rhododendron periclymenoides*



**Jersey Tea**  
*Ceanothus americanus*



**Highbush Cranberry**  
*Viburnum trilobum*



**Blackhaw**  
*Viburnum prunifolium*



**Inkberry**  
*Ilex glabra*



**Red Twig Dogwood**  
*Cornus servicea*



**Prospect Park**  
**Upper Vale & Northeast Pavilion | Proposed Plant Palette**

New Granite wall

Proposed Tree

New 4'-0" Mesh Fence

New Granite Wall w/  
Leaning Rail

Granite Pavers

New Planted Arbor  
11' X 20' X 50'

8% Slope

New Pollinator  
Meadow

3-5% Slope

Woodland

Existing Flatbush  
Entrance (opened 2020)/  
Asphalt Pavement

Existing Tree

Historic Steps  
laid flat

New Asphalt  
Pathway  
(Accessible)

New Boulder  
Retaining Wall

New 3'-0" Mesh  
Fence set back  
from path

New Central Park  
Settee Benches



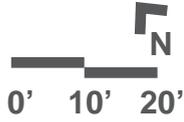
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Prospect Park

Upper Vale & Northeast Pavilion

| Approved Conceptual Plan - Pollinator Meadow and Planted Arbor



0' 10' 20'

Granite Retaining Wall

Proposed Tree

New 4'-0" Mesh Fence

Boulder Retaining Wall

Leaning Rail

New Planted Arbor  
12'H X 15'W X 70'L

8% Slope

New Pollinator Meadow

3-5% Slope

Woodland

Existing Flatbush Entrance (opened 2020)/ Asphalt Pavement

Existing Tree

Historic Steps laid flat

New Asphalt Pathway (Accessible)

Boulder Retaining Wall

New 3'-0" Mesh Fence

New Central Park Settee Benches

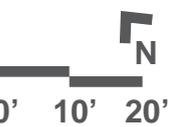


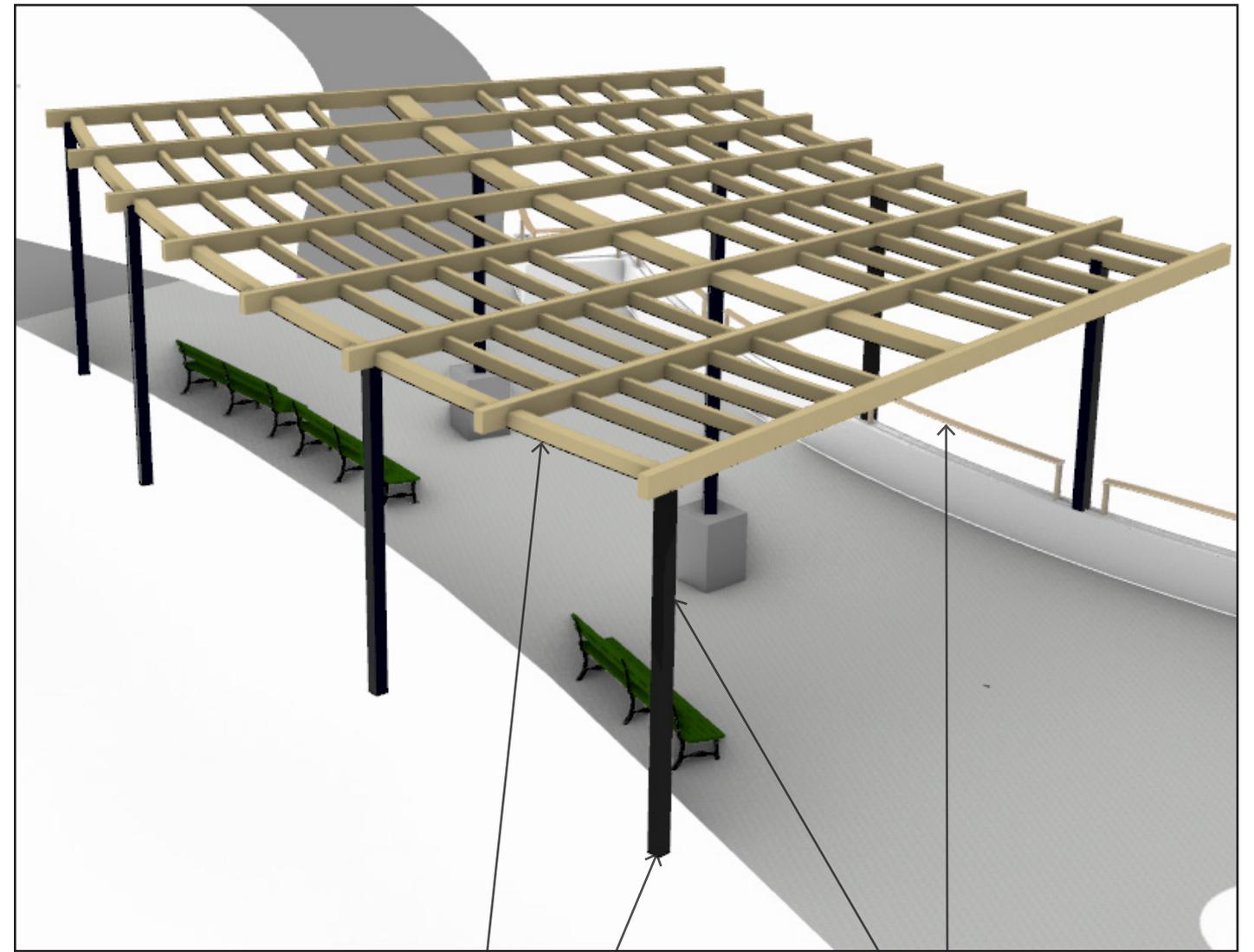
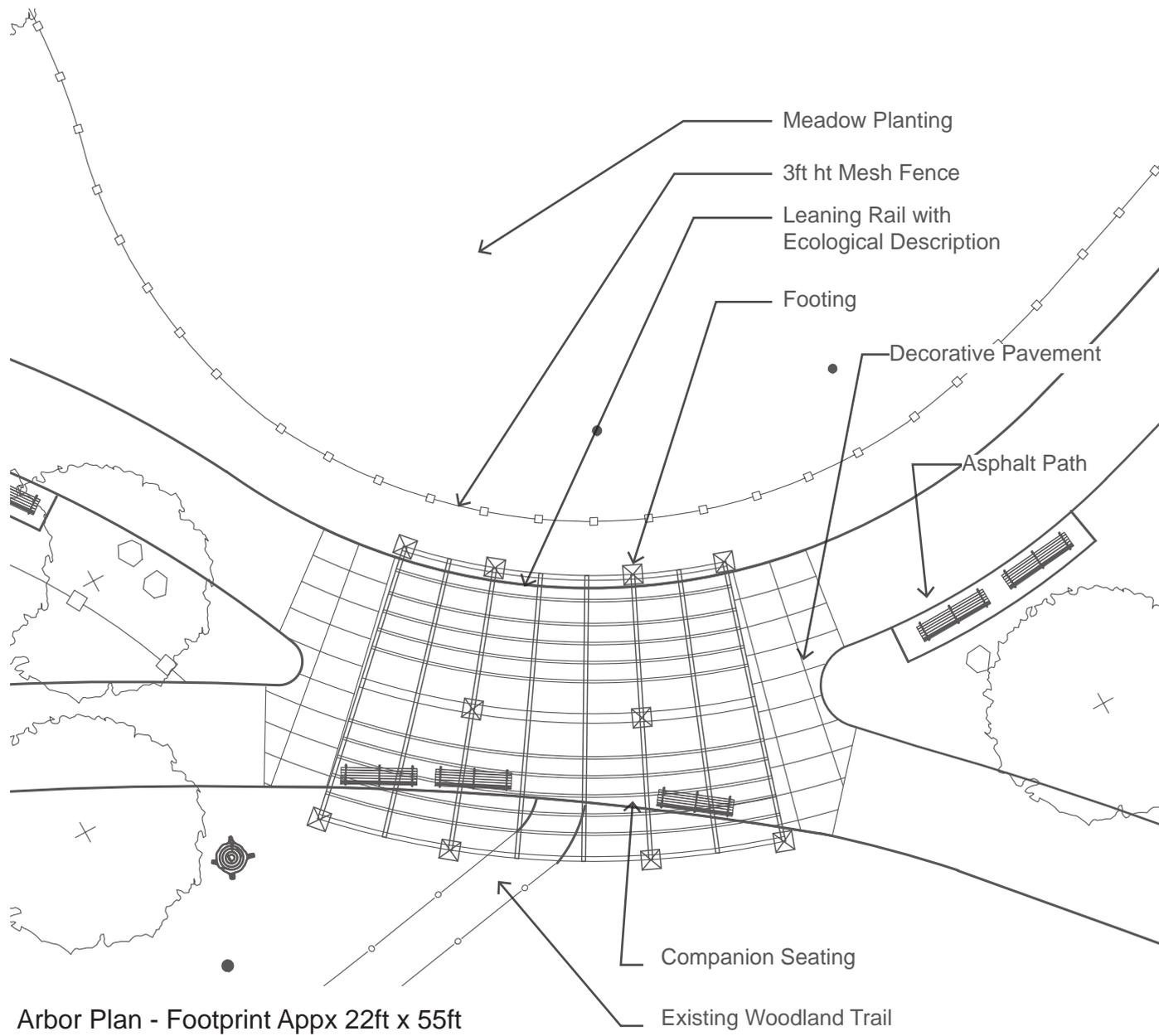
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Prospect Park

Upper Vale & Northeast Pavilion | Preliminary Plan - Pollinator Meadow and Planted Arbor





- Wood Beams
- Metal Posts
- Leaning Rail with Ecological Description
- Granite Pavers to match NE Pavilion Pavement

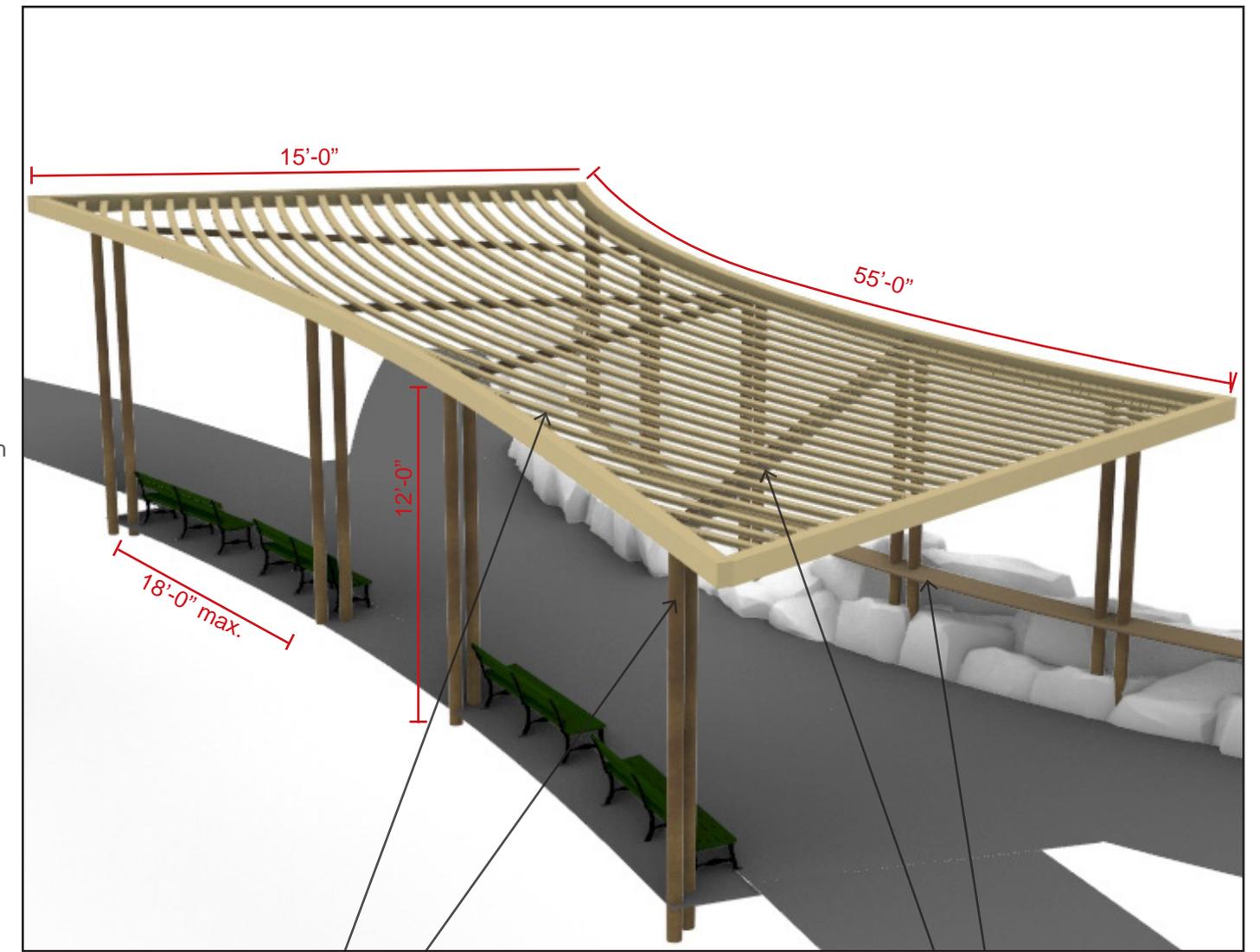
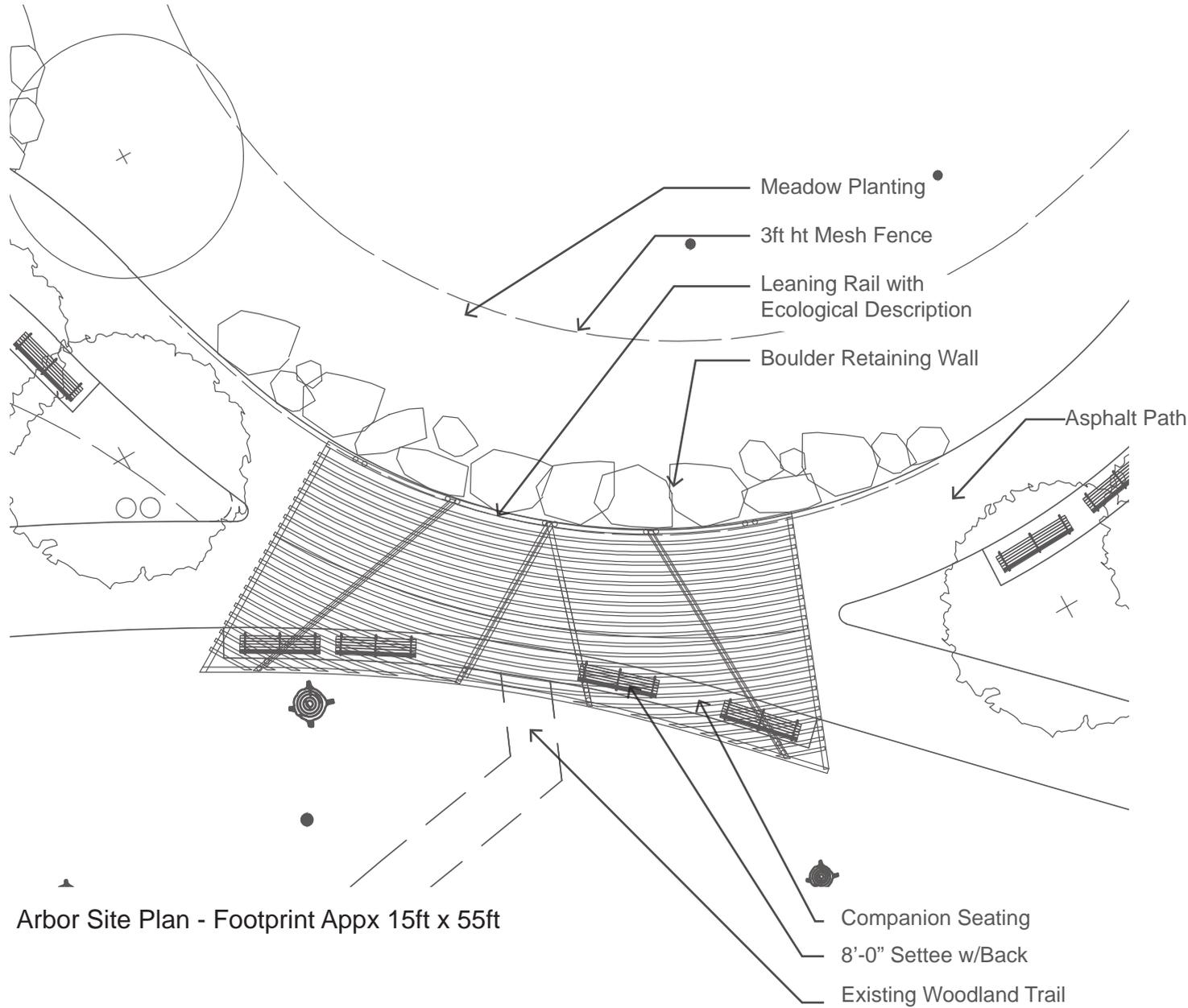


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**Prospect Park**  
Upper Vale & Northeast Pavilion | Approved Concept - Planted Arbor





- Wood Span
- Bronze Post
- Leaning Rail with Ecological Description
- Wood Beam



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**Prospect Park**  
Upper Vale & Northeast Pavilion | Preliminary Planted Arbor

KEY PLAN (NTS)



EXISTING VIEW



KEY PLAN (NTS)



EXISTING VIEW





Woodland Shrub Buffer Planting

New 3'-0" Mesh Fence

Meadow Planting

New Tree

New Accessible Asphalt Pathway

Central Park Settee Bench

Vertical Stump Course

New 4'-0" Mesh Fence

Sandy Zone with Accessible, Elevated Sand Table (to be located)

Accessible Bonded Wood Fiber

New 3'-0" Mesh Fence

Meadow Planting

Bird's Nest Passive Seating and Stump Work Station

Sandy Zone Entrance

Hand Pump and Dry Creek with Trench Drain

Dry Creek Bridge (at Grade)

Existing Storage Shed



NYC Parks



**Prospect Park**  
**Upper Vale & Northeast Pavilion | Approved Conceptual Plan - Natural Exploration Area**



Woodland Shrub Buffer Planting

Sandy Zone

- Boulder, stump, and log course edging
- Accessible Sand Table

Boulder Seating

New 3'-0" Mesh Fence

New Tree

New Accessible Asphalt Pathway

Central Park Settee Bench

New 4'-0" Mesh Fence

Log Bench (Treated Wood)

Island

- Boulder and Stump Course Edging
- Stump Pavers on Mulch
- Trees

Accessible Bonded Wood Fiber

New 3'-0" Mesh Fence

Meadow Planting

Hand Pump and Dry Creek with Trench Drain

Wood Plank Bridge (at Grade)



Existing Storage Shed

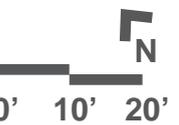


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Prospect Park

Upper Vale & Northeast Pavilion | Preliminary Plan - Natural Exploration area



### 1. Loose natural elements

- Stimulating changes in the landscape
- Open-ended opportunities
- Critical thinking and sensory input



### 2. Beneficial Risk Elements

- Cultivate sensory and resiliency
- Risk management
- Self esteem



### 3. Ecological Elements

- Observe natural processes
- Develop ecological literacy
- Conserve and promote habitat



### 4. Sensory and Immersive Experience

- Invite touching, smelling and hearing
- Develop immersive experience
- Vary enclosed and open spaces



### 5. Site Boundaries

- Visual markers that enclose or invite into other spaces
- Spatial security
- Protect sensitive natural areas



NYC Parks



**Prospect Park**

**Upper Vale & Northeast Pavilion | Ground Sensory Exploration**



KEY PLAN (NTS)

EXISTING VIEW



**Prospect Park**  
**Upper Vale & Northeast Pavilion | Natural Exploration Area**



**Full Depth Asphalt Pavement**



**Granite Pavers**



**Accessible Bonded Wood Fiber**



**'Picasso' Granite Wall and Boulders  
Finish: Flamed and Split-faced**



**Sand**



**Accessible Plank Bridge**



NYC Parks



**Prospect Park**

**Upper Vale & Northeast Pavilion | Site Pavements and Surfacing**



CP Settee w/Arms



ADA DF and Bottle Filler



Decorative Waste Receptacle



Welded Wire Mesh Fence, Typ.  
3 and 4 ft. ht. typical throughout Prospect Park



Wood Leaning Rail on  
Bronze Posts



Wood Plaque on  
Bronze Post



NYC Parks



**Prospect Park**

**Upper Vale & Northeast Pavilion | Proposed Furnishings + Amenities**



Bronze Plate with Braille set into Wood Lean Rail (Bronze Posts)

**Sample Content for Lean Rail:**

- History of Design / Site
- History of Olmsted / Prospect Park
- Cultural History of Site and Park
- Description of View
- Meadow Ecology
- Woodland Ecology
- Pollinators of Prospect Park
- Native Plants of Vale and Prospect Park
- Pollinator, Mammal, Bird Habitat
- Sensory Experience of the Meadow and Woodland (sounds, textures, and smells)

**Sample Content for Information:**

- Native Plant Species in Vale
- Pollinator Species in Vale
- Migratory Birds of Prospect Park



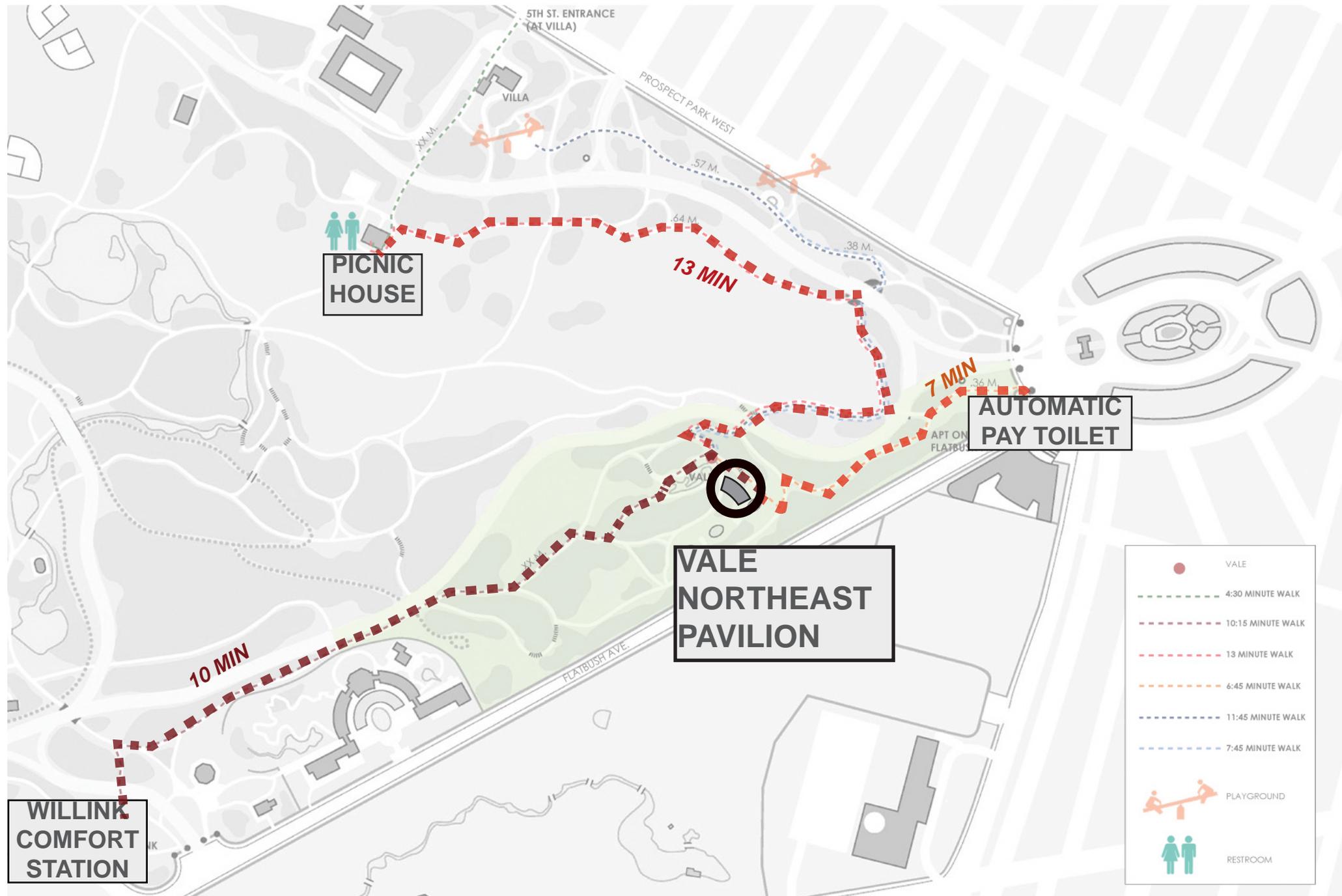
Signage in NEA Planting



**Concept:**  
Illustrative Etching in Wood



**Example:**  
QR Code Link



NYC Parks



**Prospect Park**

**Upper Vale & Northeast Pavilion | Site's Proximity to Restrooms**

Central Park Settee Bench

Northeast Pavilion with Green Roof

Granite Pavers

Companion Seating at Stone Seating Wall

Stone Seating Wall

Grey Water Garden

New Asphalt Pathway

New Asphalt Entrance + Pathway (Accessible)

New Hi-Lo Accessible Drinking Fountain w/ Bottle Filler

Meadow Planting beneath Trees

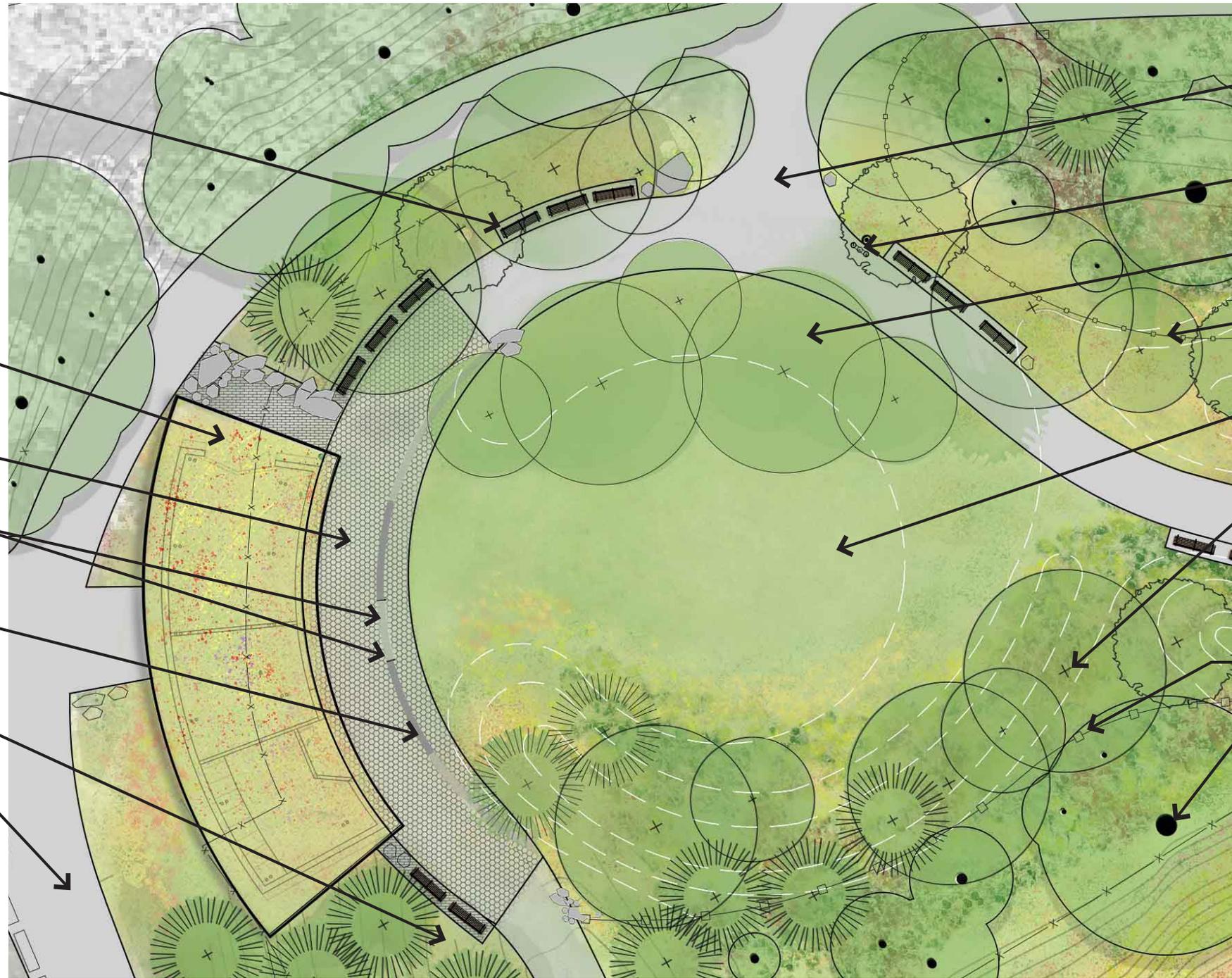
New 3'-0" Mesh Fence

Lawn

New Tree

New 4'-0" Mesh Fence

Existing Tree



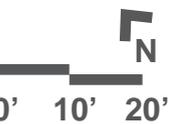
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Prospect Park

Upper Vale & Northeast Pavilion

| Approved Conceptual Plan - Northeast Lawn Area



Central Park Settee  
Bench

Northeast Pavilion  
with Green Roof

Granite Pavers

Companion Seating at  
Stone Seating Wall

Stone Seating Wall

Grey Water Garden

New Asphalt Pathway

New Asphalt  
Entrance + Pathway  
(Accessible)

New Hi-Lo Accessible  
Drinking Fountain w/  
Bottle Filler

Meadow Planting  
beneath Trees

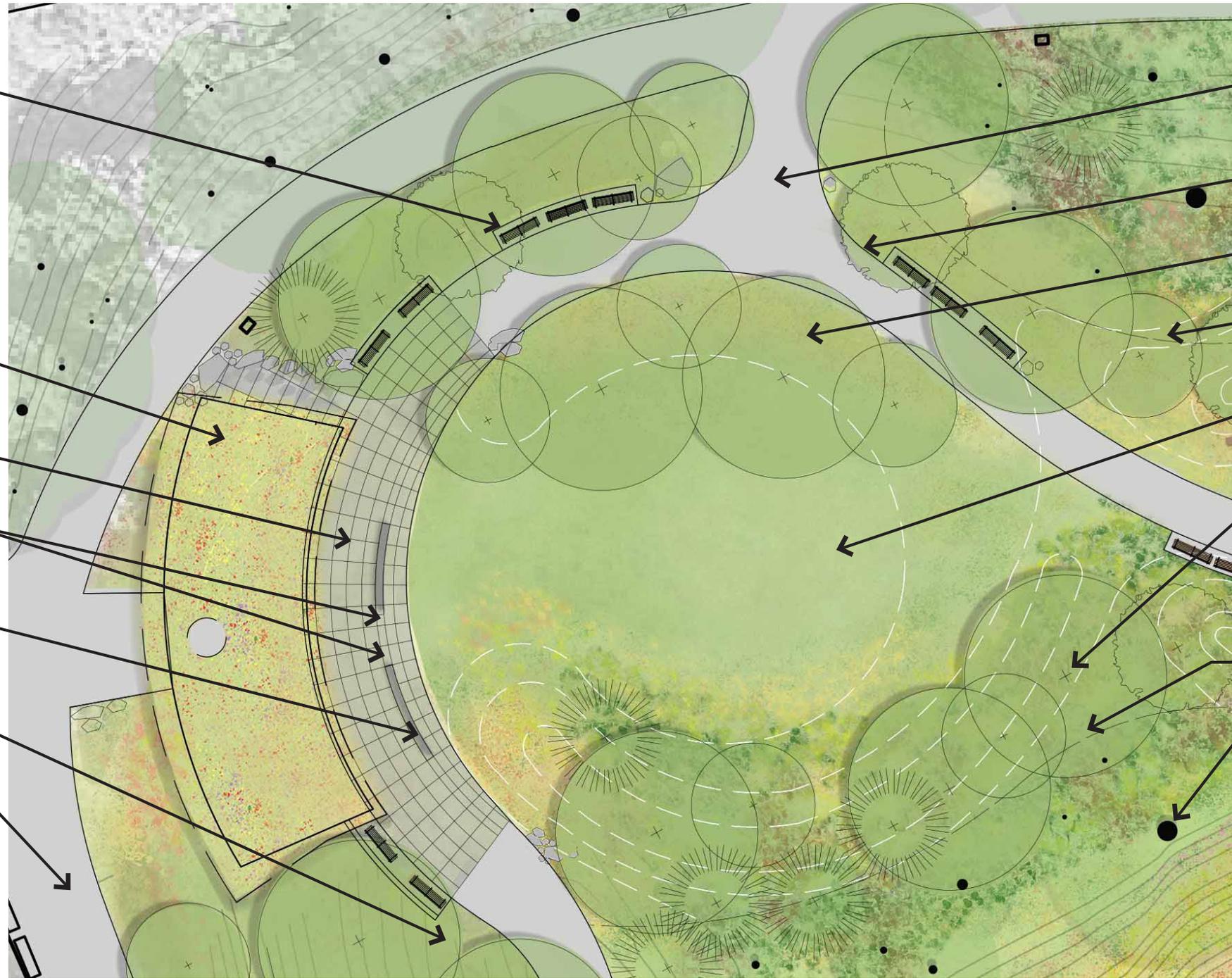
New 3'-0" Mesh Fence

Lawn

New Tree

New 4'-0" Mesh Fence

Existing Tree

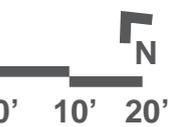


NYC Parks



**Prospect Park**

**Upper Vale & Northeast Pavilion | Preliminary Plan - Northeast Lawn Area**





Bronze columns and balusters

Intensive green roof atop canopy

Wood trim and canopy underside

Wood vestibule walls

Granite Cladding





Sedum green roof

Wood trim and canopy underside

Bronze columns and balusters

Ceramic tile at public vestibule

Granite Cladding



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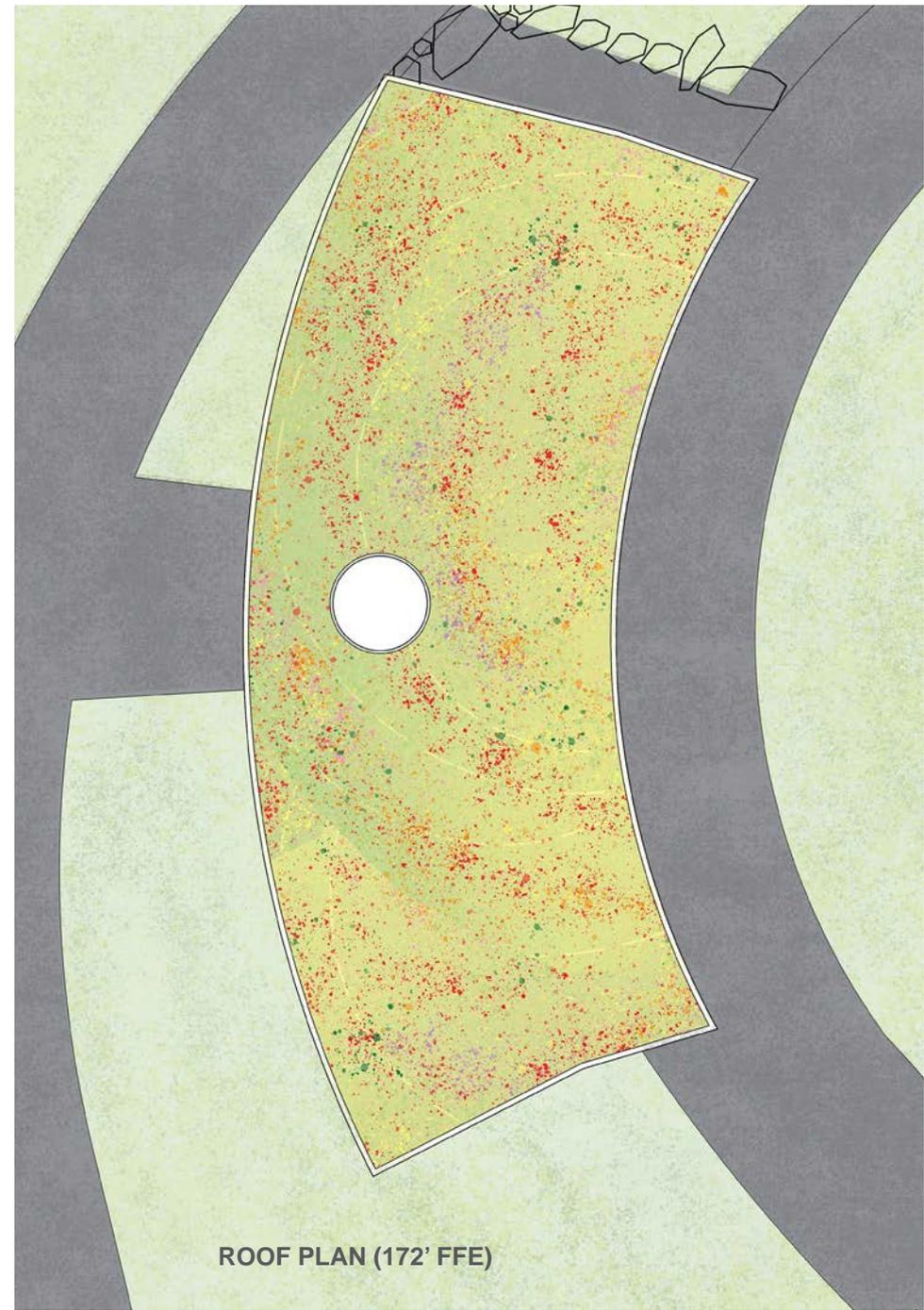
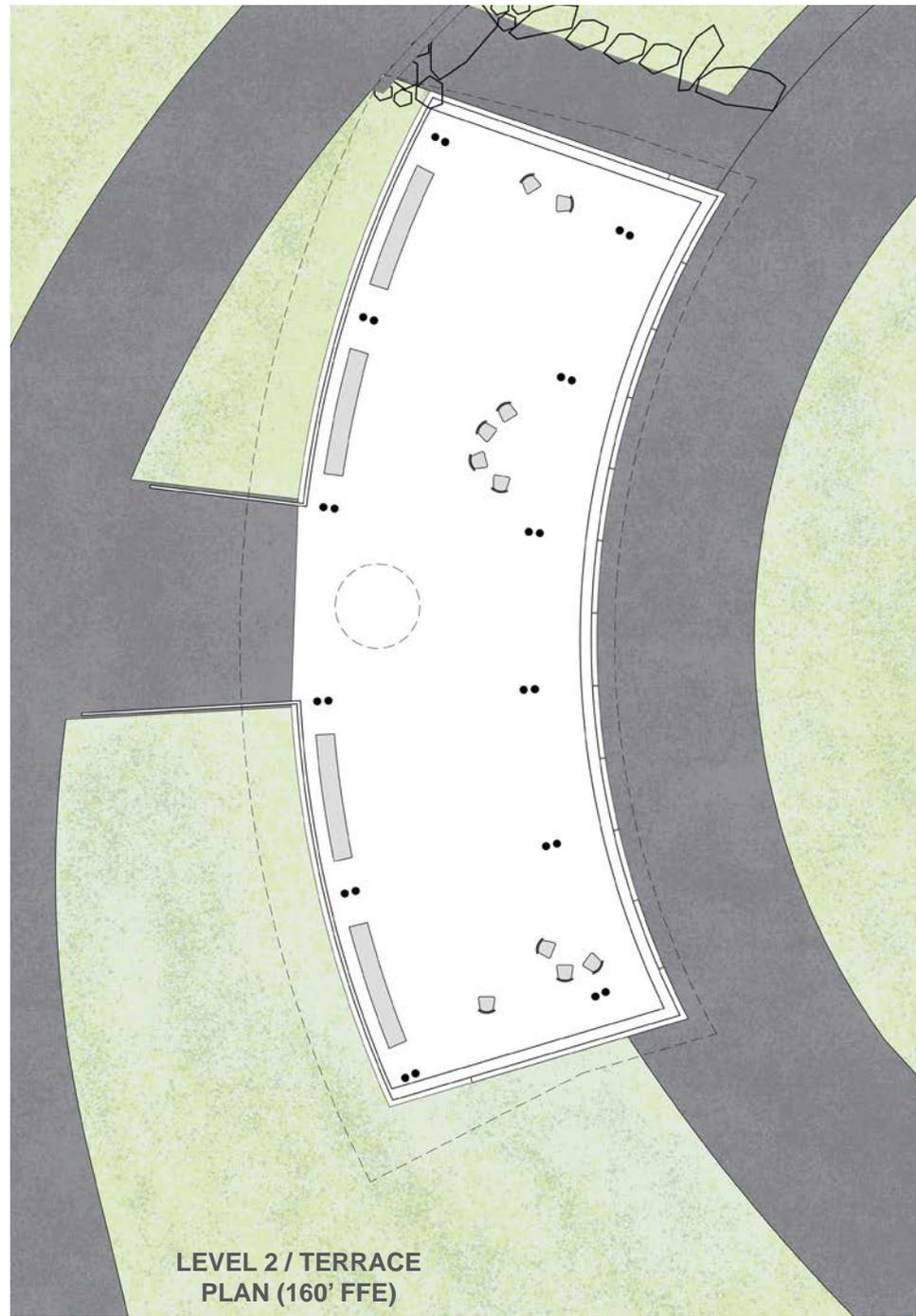
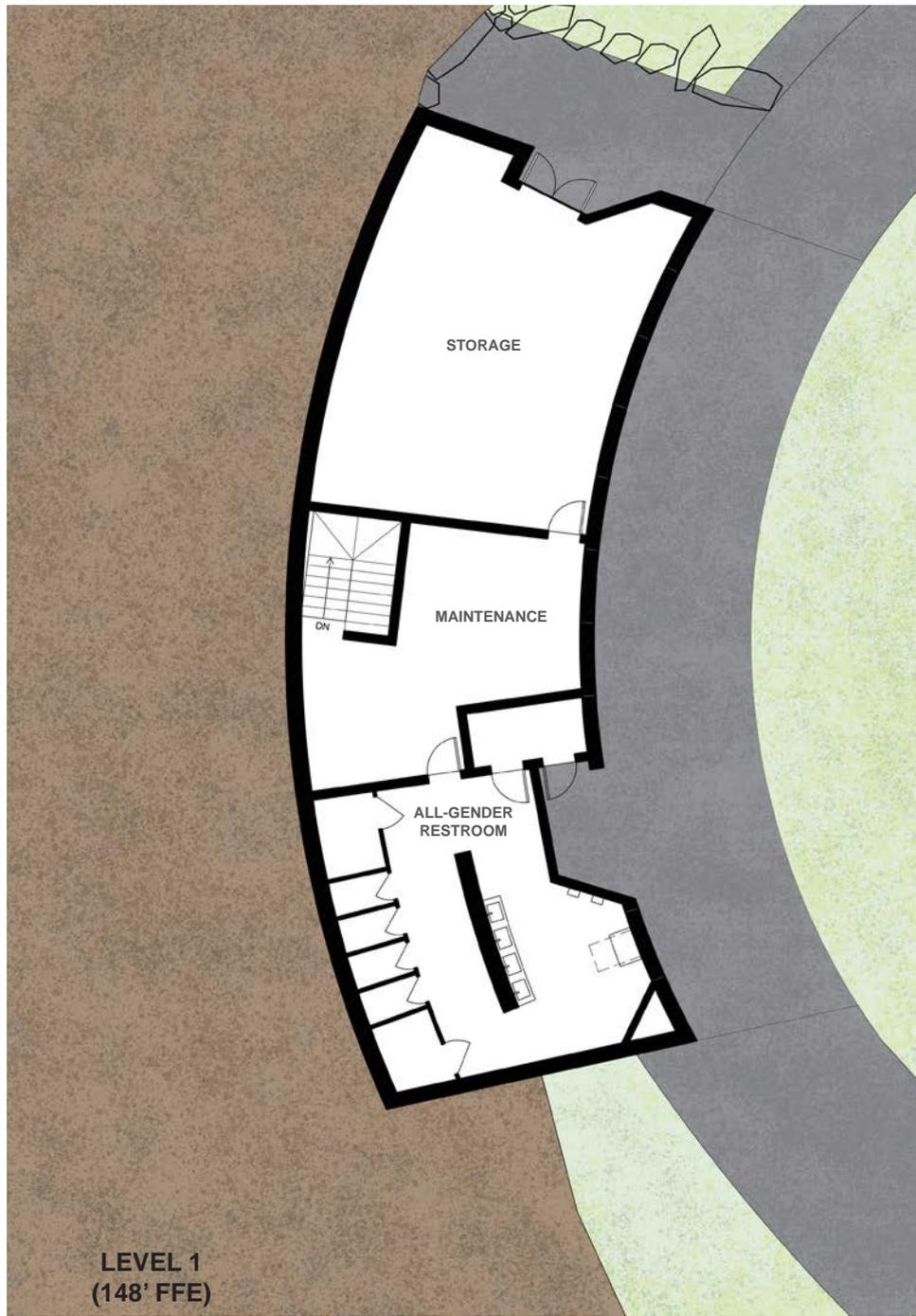
Prospect Park Alliance

# Prospect Park Upper Vale & Northeast Pavilion | Preliminary Plan - Building Materials



**Prospect Park**  
Upper Vale & Northeast Pavilion | Approved Concept - Pavilion Section





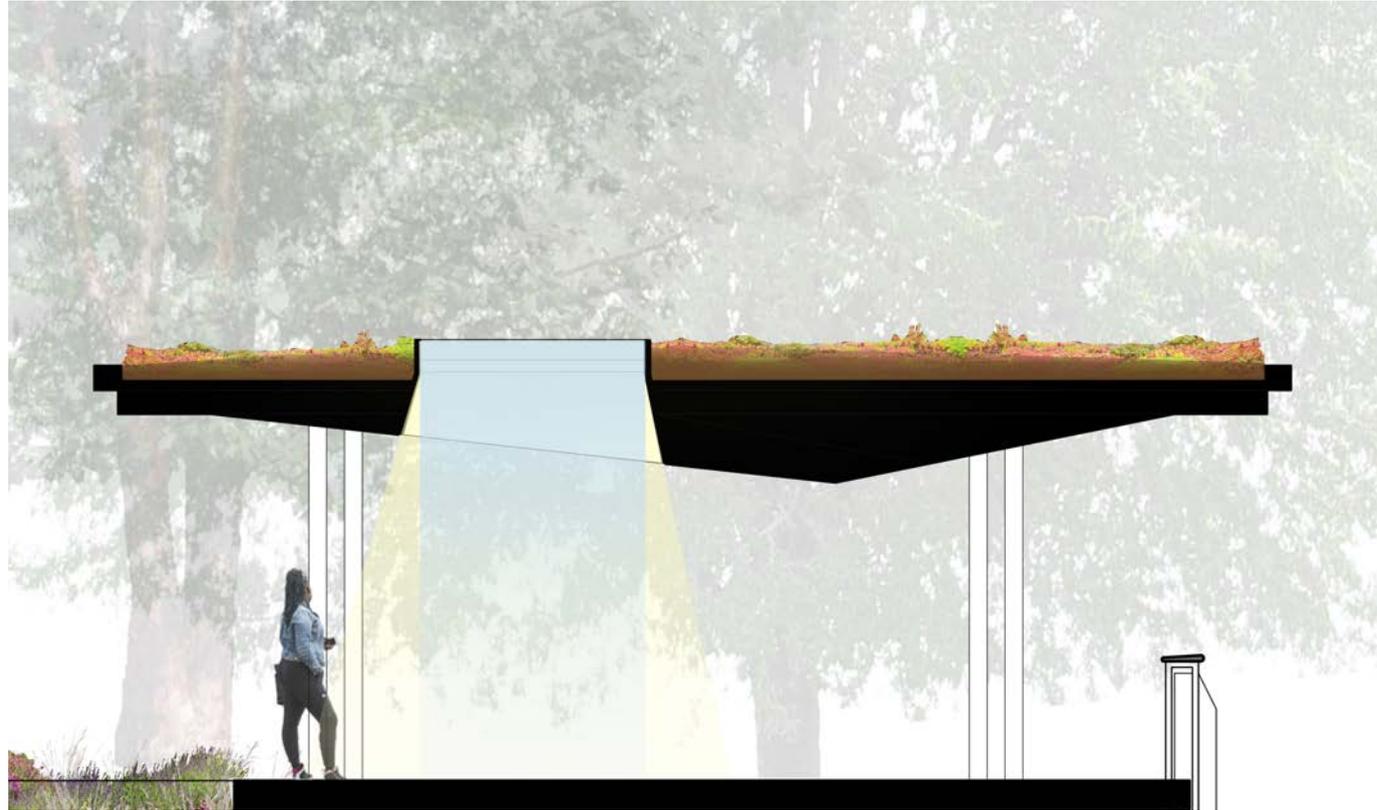
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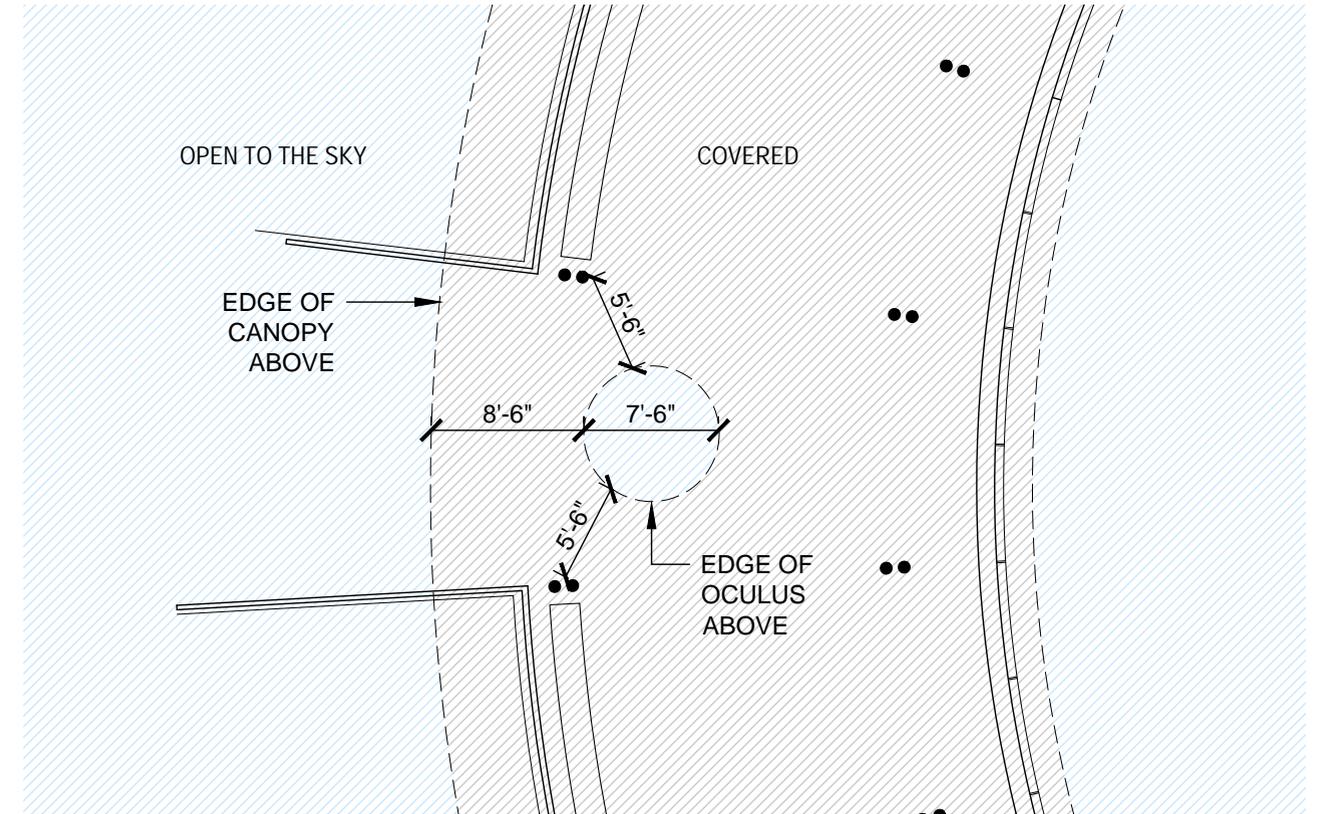
Prospect  
Park  
Alliance

**Prospect Park**  
Upper Vale & Northeast Pavilion | Preliminary - Pavilion Plans





SECTION: RAIN AND DAYLIGHT  
INFILTRATION THROUGH OCULUS



PLAN: CLEARANCES AROUND  
OCULUS APERTURE AT TERRACE  
ENTRANCE



NYC Parks



Prospect Park

Upper Vale & Northeast Pavilion | Preliminary - Oculus Plan and Section

KEY PLAN (NTS)



**Prospect Park**  
Upper Vale & Northeast Pavilion | Aerial View

KEY PLAN (NTS)



EXISTING VIEW



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Prospect  
Park  
Alliance

**Prospect Park**  
Upper Vale & Northeast Pavilion | Approach from Natural Exploration Area



NYC Parks



Prospect  
Park  
Alliance

## Prospect Park

Upper Vale & Northeast Pavilion | Approach from Southeast - Revised



NYC Parks



Prospect  
Park  
Alliance

**Prospect Park**

**Upper Vale & Northeast Pavilion** | Approach from Southwest - Revised



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Prospect  
Park  
Alliance

## Prospect Park

Upper Vale & Northeast Pavilion | Upper Path Approach from East Drive - Revised



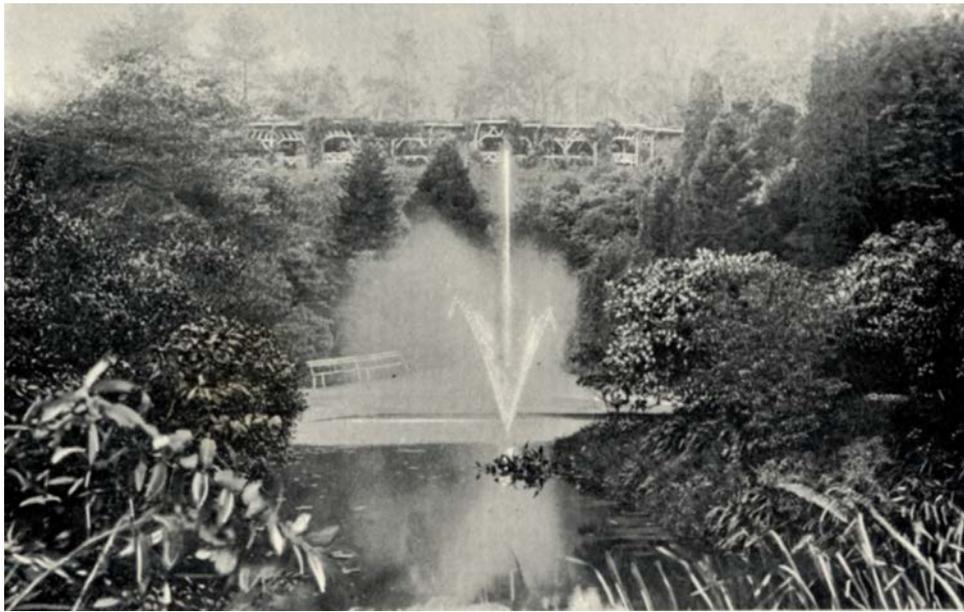
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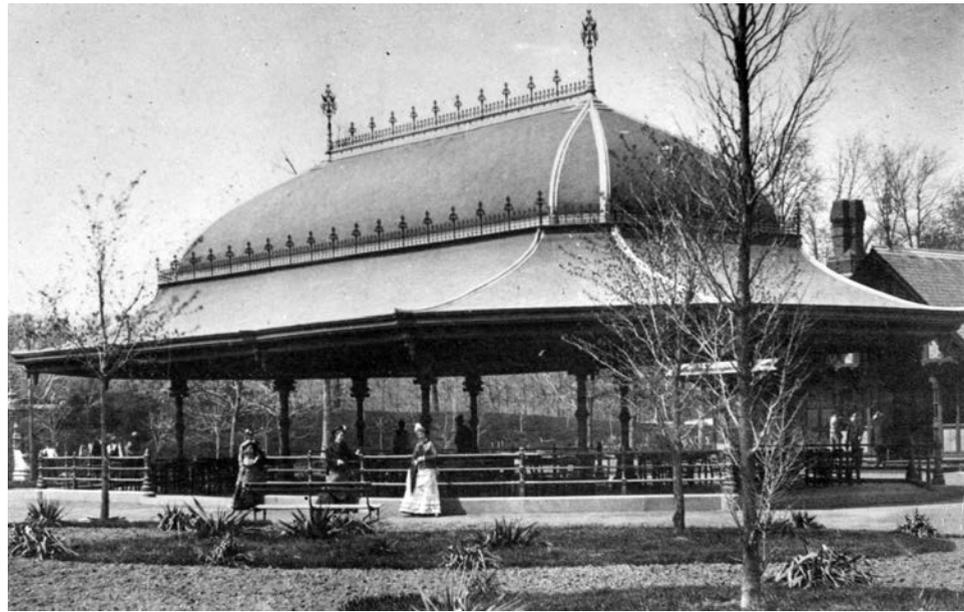
Prospect  
Park  
Alliance

## Prospect Park

Upper Vale & Northeast Pavilion | Approach from Grand Army Plaza - Revised



Rustic arbor overlooking the Lower Vale (c. 1870)



Tea House Concert Grove Pavilion (1874)



Music Pagoda (1887)



Parkside Avenue Entrance Pergola (c. 1904)



Willink Comfort Station (c. 1913)



Lullwater Arbor (c. 1876)

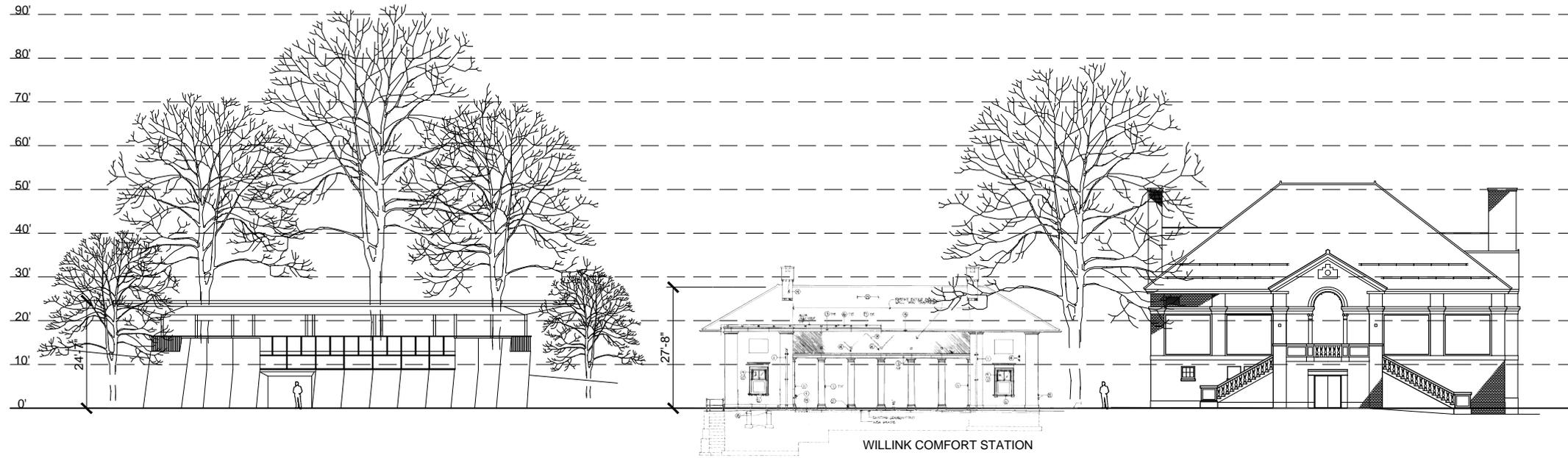


NYC Parks

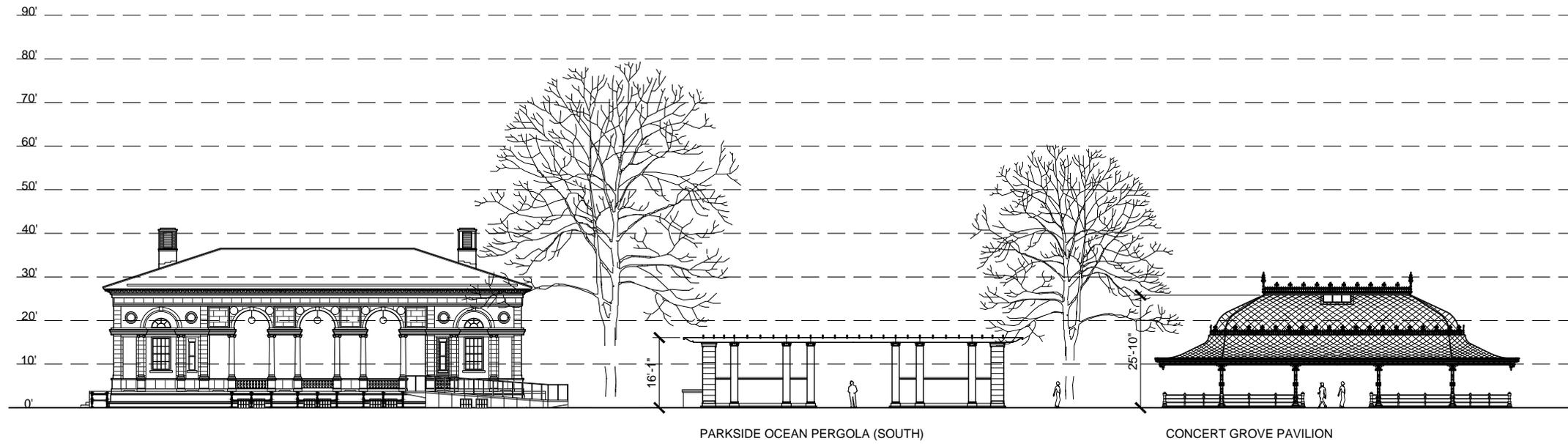


Prospect Park  
Upper Vale & Northeast Pavilion | Prospect Park Historic Structures

# COMFORT STATIONS



# OPEN-AIR PAVILIONS



NYC Parks



Prospect Park  
Upper Vale & Northeast Pavilion | Prospect Park Scale Comparisons



Lefrak Center - Granite cladding, multiple finishes, including split face and thermal



Concert Grove and Pavilion - Metal flashing and roof details, wood molding



Prospect Park

Upper Vale & Northeast Pavilion | Prospect Park Architectural Material Precedents



NYC Parks



Prospect  
Park  
Alliance

**Prospect Park**  
Upper Vale & Northeast Pavilion | Preliminary Plan

