Gateway to Greenpoint

With support from

NEWTOWN CREEK ALLIANCE

EVERGREEN

GREENPOINT COMMUNITY ENVIRONMENTAL FUND

Interval Projects
Gateway to Greenpoint

Introduction

Presentation of Conceptual Designs

Workshop
1. Sharing & Discussing the Conceptual Design Schemes
2. Refining the Design Schemes

Report Backs

Conclusion
Site and Context
Site History
Environmental Factors
Land Use

- Multifamily Elevator Residential
- Multifamily Walkup Residential
- One & Two Family Residential
- Mixed Commercial & Residential
- Commercial & Office
- Industrial & Manufacturing
- Transportation & Utility
- Public Facilities & Institutions
- Parks & Open Space
- Parking Facilities
- Vacant Land
Transportation Connections

Subway Line (G)
MTA Bus Route
Bike Lane
Newtown Creek Nature Walk
Phase 1, completed 2007

Newtown Creek Nature Walk
Phases 2-3, ongoing

Kingsland Wildflowers, completed 2017

North Henry Street, ongoing

Open Space Projects
Nature Walk

Kingsland Ave

North Henry Street

Gateway to Greenpoint

Kingsland Wildflowers

Network of Open Spaces

Manhattan Ave
6 min walk

Greenpoint Ave

MTA Bus Stop
B24

Greenpoint Ave Bike Lane

McGolrick Park
10 min walk

A Network of Open Spaces
**Project Timeline**
Gateway to Greenpoint Community Workshop November 2018
What did we hear and learn at the first workshop?
1 Creating Open Space
2 Environmental Benefits
3 Urban Mobility
4 Culture, Education, Recreation
5 Safety and Security
6 Connecting Communities
1 Creating Open Space

Natural, Quiet, and Restful
Contemplative, quiet setting
Lush, natural quality, with winding paths
Shade along paths from trees, umbrellas, and/or canopies
Trees, bushes, berms at edges/corners to separate from street

Providing Amenities
Places to gather, relax, play
Seating throughout site
Drinking water, bathrooms
Water feature for soothing sound, cooling effect
2 Environmental Benefits

Natural Environment
Controlling storm water runoff with green infrastructure
Permeable ground surface
Native, hearty, flood-resistant plants and grasses
Supporting migratory corridor for birds

Human Environment
Creating shade
Providing environmental education
Working with seasonal cycles
Compost collection
3 Urban Mobility

Pedestrians and Bicyclists
Creating a place to stop and relax, with bathrooms and water
Connections to existing bike lanes, pedestrian routes
Air for bicycle tires, places to lock bicycles

Cars and Trucks
Maintaining truck access along Kingsland Ave
Separating modes of traffic with clear wayfinding

Public Transit
A comfortable, sheltered place to wait for the bus
4 Culture, Education, Recreation

Art and Design
Inspiring, authentic, visually appealing design of open space
Public art work and murals

Neighborhood History
Signage telling history of the site along walking paths
Honoring history of the neighborhood

Recreation
Food trucks, concession stand, and outdoor lunch seating
Low-activity recreation: bocce, chess
5 Safety and Security

Site Security
Closed at night
Fencing with climbing plants / green fencing

Pedestrian Safety
Separating pedestrians/bicyclists from trucks/cars
Elevated footbridge across busy auto routes
Bollards around edge of space to protect from trucks

Accessibility
Making open space inviting and accessible for all
6 Connecting Communities

Serving Local Populations
Workers in local businesses
Neighborhood residents and families
Commuters, people passing through on bike or foot
Newtown Creek Nature Walk and Kingsland Wildflowers visitors

Engaging Local Communities
Area businesses and workers
Public schools and libraries
Universities and researchers
Art and design communities in Brooklyn and Queens
How do these ideas & values become a design?
Concepts

Stream and Eddies
The route of a main path ("stream") connects adjacent areas of activity ("eddies")

Field and Groves
A series of dispersed elements ("groves") suspended in a "field"

Clearing in a Forest
A central space ("clearing") attracts and gathers people together, enclosed by dense "forest"
### Design

<table>
<thead>
<tr>
<th>Organization type</th>
<th>Stream and Eddies</th>
<th>Field and Groves</th>
<th>Clearing in a Forest</th>
</tr>
</thead>
<tbody>
<tr>
<td>Path organizes adjacent areas of activities</td>
<td>Open field with dispersed elements</td>
<td>Central focal point, strong boundary</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Circulation type</th>
<th>Directional, following paths</th>
<th>Fluid, self-directed meander</th>
<th>Points of entry leading to open area with central element</th>
</tr>
</thead>
</table>

<table>
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<tr>
<th>Entrances</th>
<th>Multiple entrances</th>
<th>Enter from all sides</th>
<th>One main entrance per side</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Anchor feature</th>
<th>Path is main feature, linking other elements</th>
<th>No one main feature, multiple centers</th>
<th>Central main feature, gathering hub</th>
</tr>
</thead>
</table>

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<tr>
<th>Edge condition</th>
<th>Lightly bounded: low, transparent and/or planted fence</th>
<th>Least bounded: bollards, spaced trees</th>
<th>Strongly bounded: planted/higher fence, berms</th>
</tr>
</thead>
</table>

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<tr>
<th>Topography</th>
<th>Slight undulations responsive to path</th>
<th>Gentle, minimum slope for drainage</th>
<th>Berms at edges, lower central area</th>
</tr>
</thead>
</table>

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<tr>
<th>Planting</th>
<th>Varying heights of planting, from grasses to small trees</th>
<th>Trees dispersed throughout, clusters of seasonal planting</th>
<th>Close-planted trees/bushes at edges, lower planting at center</th>
</tr>
</thead>
</table>

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<tr>
<th>Stormwater</th>
<th>Interplay of path figure and water channeling</th>
<th>Porous ground surface, bioswales</th>
<th>Using topography to channel water to central retention</th>
</tr>
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</table>

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<tr>
<th>Materials</th>
<th>Porous pavers on paths, wood benches</th>
<th>Natural stone pavers, crushed gravel around planted areas, concrete/wooden benches</th>
<th>Wood paver walkway, metal/wooden benches</th>
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</table>
## Values

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<tbody>
<tr>
<td><strong>Open Space</strong></td>
<td>Seating and shaded areas along winding paths</td>
<td>Seating and shade trees clustered throughout site</td>
<td>Separation from street creates inward focused, contemplative space</td>
</tr>
<tr>
<td><strong>Environmental Benefits</strong></td>
<td>Variety of native/seasonal habitats along path, creating shade and controlling water</td>
<td>Green infrastructure landscape elements dispersed throughout, shade from trees</td>
<td>Stormwater retention in central tank, migratory bird/pollinator habitat</td>
</tr>
<tr>
<td><strong>Urban Mobility</strong></td>
<td>Shelter for bus riders; paths through site improve pedestrian experience</td>
<td>Bus shelter, places to stop/relax</td>
<td>Bike stations, and other amenities integrated into street boundary</td>
</tr>
<tr>
<td><strong>Culture, Education, Recreation</strong></td>
<td>Historical/education signage and art along paths</td>
<td>Multi-centric organization for art, recreation, lunch tables, green demonstration technologies</td>
<td>Creates central space for larger educational and cultural events, mural wall at perimeter.</td>
</tr>
<tr>
<td><strong>Safety &amp; Security</strong></td>
<td>Closed gates at night, lights at perimeter, path is accessible</td>
<td>Security through visibility, openness, lighting throughout, bollards separating from traffic</td>
<td>Full separation from street, easily securable, with limited entrances with locking gates.</td>
</tr>
<tr>
<td><strong>Connecting Communities</strong></td>
<td>Historical/environmental walking tours</td>
<td>Demonstration technologies connecting DEP with community, compost collection</td>
<td>Mural wall for local artists, local music/performing art events in central space</td>
</tr>
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</table>
Stream and Eddies

- Entrances from sidewalk
- Winding paths lined with trees
- Low, planted fence
- Seating along paths
- Covered seating
- Wildflower field
- Wildflower field
- Rainwater garden/green infrastructure
- Lunch area
LIGHTING - AT PERIMETER AND ALONG PATHS ON GROUND LEVEL

EDUCATIONAL SIGNAGE - ADDRESSING HISTORY AND ENVIRONMENT

COVERED SEATING

POROUS PATHS

LOW, PLANTED FENCE
Field and Groves

SHADE TRELLIS/SEATING
BIRCH GROVE
WILDFLOWER FIELD
BOCCE COURT
RAINWATER GARDEN / GREEN INFRASTRUCTURE
AMPHITHEATER FOR EDUCATION AND EVENTS
LUNCH AREA

LIGHTING AND BOLLARDS AT PERIMETER, INTEGRATED WITH BIKE STATIONS
SEATING DISPERSED THROUGHOUT
EDUCATIONAL SIGNAGE
ADDRESSING HISTORY AND ENVIRONMENT

LIGHTING

AMPHITHEATER

SHADE TRELLIS/SEATING

WILDFLOWER FIELD

POROUS STONE PAVERS

BOLLARDS/BIKE STATIONS
Clearing in a Forest

Densely Planted Perimeter

Berms Surround Site Creating Separation From Street

Central Gathering Area With Stormwater Retention Below

Paths Leading From Entrances To Central Gathering Area

Birch Grove

Wildflower Field

Seating Along Paths

Low Wall At Perimeter With Integrated Bike Locking Stations And Mural By Local Artists

KingSLand Ave

Greenpoint Ave
LIGHTING AT PERIMETER AND ALONG PATHS

SEATING ALONG PATHS

EDUCATIONAL SIGNAGE - ADDRESSING HISTORY AND ENVIRONMENT

BERMS AND TREES AT PERIMETER CREATE SEPARATION FROM STREET
Clarifying Questions
1. Discussing the Conceptual Design Schemes (20 min)

At tables, 4-6 people, with small handouts of the design schemes and one large format design matrix for each table.

Participants gather in groups of 4-6 people at a table with a facilitator to discuss what appeals to them about the design schemes and how they relate to the shared values discussed at the previous workshop.

Participants go around one-by-one, and each explains to the rest of their breakout group why they chose that design and what it means to them or implies for the site.
2. Refining the Design Schemes (30 min)

Gathered around drawings mounted to the wall, in three to six groups, each group corresponding to one of the three design schemes.

Participants choose one of the schemes to work on further, and reshuffle into larger groups each around a single scheme, with a large format site plan. Each group discusses the chosen design and suggests potentials for its improvement. The group records its ideas and suggestions as edits to the large format drawings, with the facilitator helping draw and annotate.
Report Backs
What’s next?
Stakeholder meetings  March - April 2019
Design and planning  April - June 2019
Project design launch  June 2019
Gateway to Greenpoint

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