

RECONSTRUCTION OF

ASTOR PLACE & COOPER SQUARE

1/06/2011



Weisz + Yoes architecture and urban design
Quennell Rothschild & Partners, LLP
Tillett Lighting Design
Piet Oudolf Planting Design



- 1. Union Square
- 2. Washington Square Park
- 3. Tomkins Square Park

— Project Scope





1. Astor Place Subway Island
2. The Alamo Island
3. Cooper Triangle

— Project Scope





ASTOR PLACE SUBWAY PLAZA

Path through a grove of trees; seating along path. Subway entrance supported with meeting area and diverse seating options.

THE ALAMO PLAZA

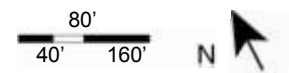
Open plaza defined by perimeter trees; focus on Alamo sculpture. Opportunities for café seating and supportive of heavy pedestrian traffic.

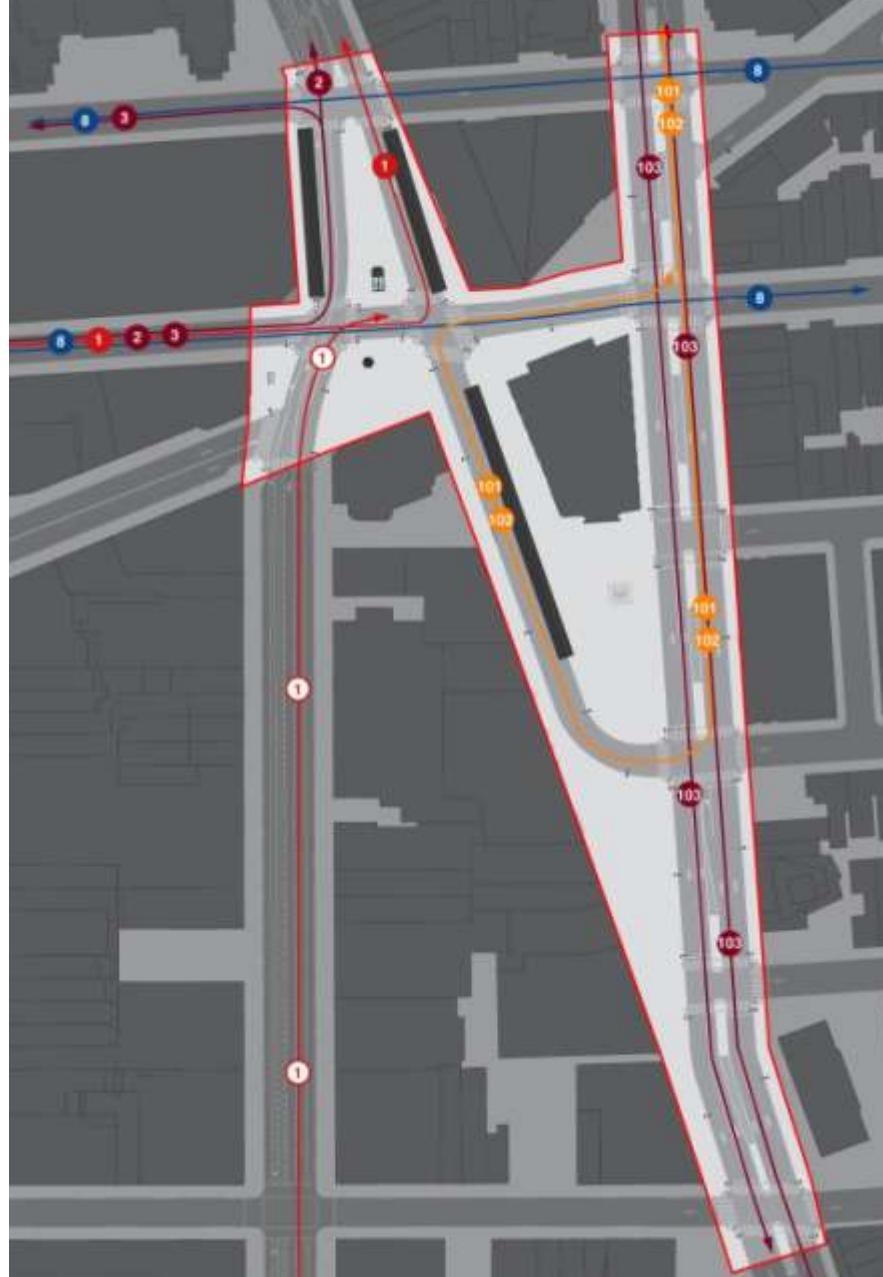
COOPER TRIANGLE

Shady, enclosed park; increased pedestrian movement through and along enlarged park.

THE VILLAGE PLAZA

Sunny, open plaza with diverse seating options and tree planting; serving both students and local residents.





- Bus Layovers
- Project Scope





- Existing bike racks
- Proposed bike racks (113 new standard dot racks)
- Bike Lane
- Project Scope





Astor Place
Subway Plaza

The Alamo Plaza

Cooper Triangle

The Village Plaza





64 new trees

113 new standard
dot bike racks

6,620 SF of
permeable paving

8,585 SF of swale
planting for
stormwater
management

7,900 SF new
additional planting

-  Existing Tree
-  New Tree
-  Existing Curbs
-  Project Scope





SITE-WIDE PLANTING AND WATER MANAGEMENT





Deep swale with false catch basin at Autumn Ave, Brooklyn



Plaza swale at Seagirt Blvd, Beach 19th Street, Queens

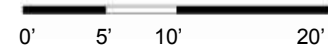


Key plan

Sculpture for Living Building



Cooper Union Foundation Building

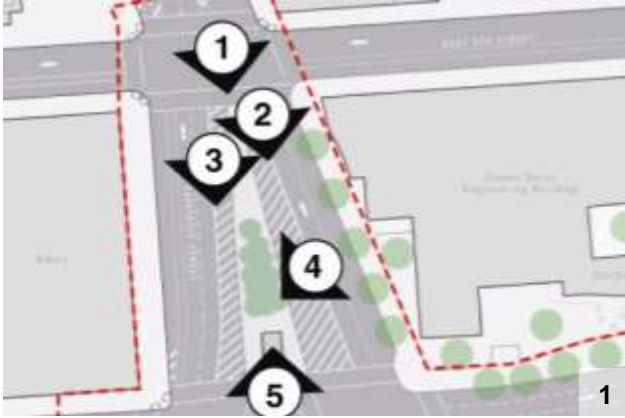




1. Sweet Gum
2. Sawtooth Oak
3. Viburnum
4. Purple Willow
5. Siberian Iris
6. Orange Coneflower
7. Purple Moor Grass
8. Switch Grass



ASTOR PLACE SUBWAY PLAZA



1. Key plan
2. View south towards Astor Place subway
3. View south along 4th Avenue
4. View south along Lafayette
5. Subway waiting area looking west
6. View existing the subway (Uptown 6)





1. View of north corner
2. View north as exiting subway (Uptown 6 train at Astor Place)
3. View of plaza from west



DDC / DOT / Parks
WXY/QRP/Oudolf/Tillett

Reconstruction of Astor Place and Cooper Square
1/06/2011

Rendering
Scale: N/A

View of Astor Place
Design Proposal



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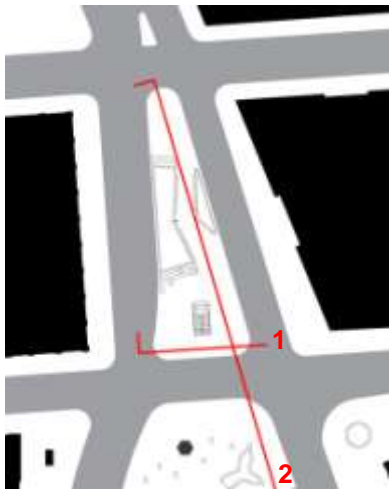


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- 1. Honey Locust
- 2. Black Gum
- 3. Willow Oak
- 4. Switch Grass
- 5. Dwarf Fothergilla
- 6. Fringe Cup
- 7. Sedge
- 8. Tufted Hair Grass
- 9. Sweet Fern



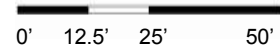
Key plan

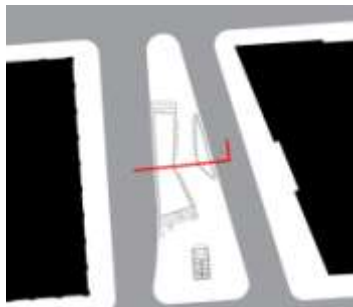


1 Subway Plaza Elevation looking North

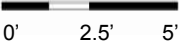


2 Subway Plaza and Alamo Plaza Elevation looking West





Key plan



DDC / DOT / Parks
WXY/QRP/Oudolf/Tillett

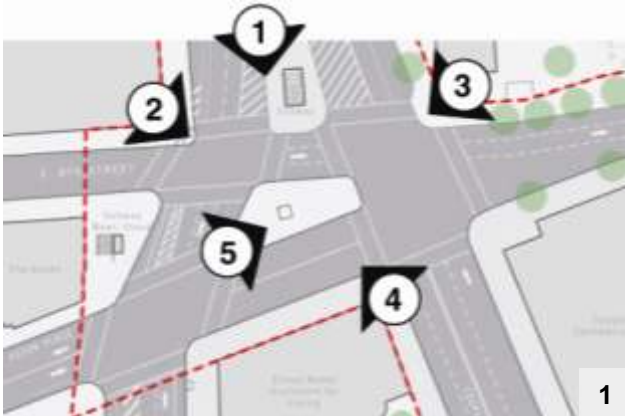
Reconstruction of Astor Place and Cooper Square
1/06/2011

Section-Elevation
Scale: Graphic Scale

Subway Plaza Section
through Seating –
Looking North



THE ALAMO PLAZA



1. Key plan
2. View south from Astor Place subway
3. View south-east from K-mart
4. View south-west
5. View north-west
6. View west at Alamo sculpture



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WXY/QRP/Oudolf/Tillett

Reconstruction of Astor Place and Cooper Square
1/06/2011

Plan Drawing
Scale: Graphic Scale

Existing Plan at
The Alamo Plaza



- 1 Black Gum
- 2 Sweet Gum
- 3 Sawtooth Oak
- 4 Willow Oak

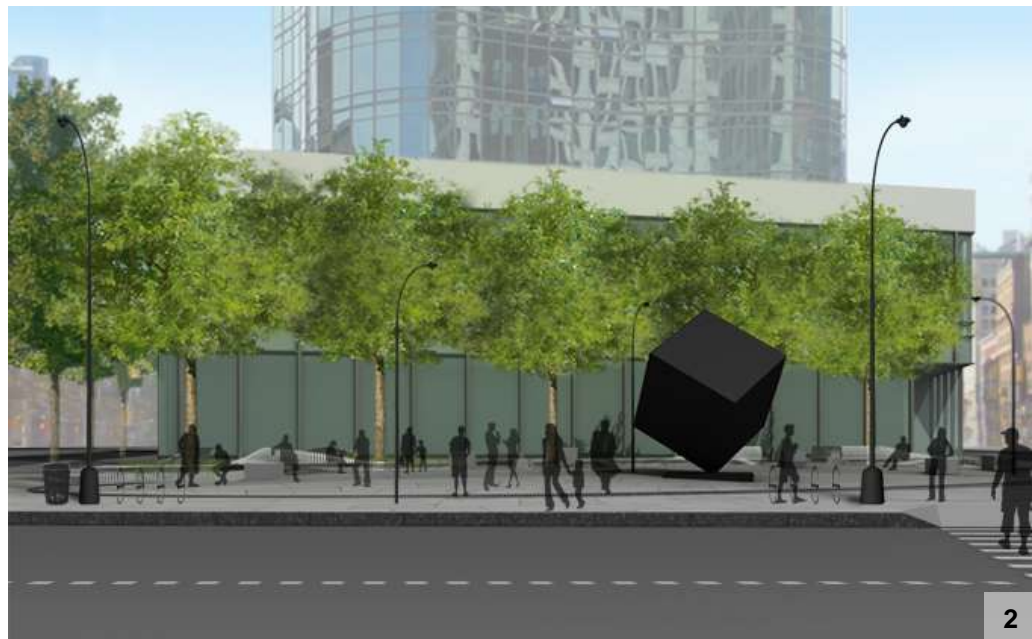
- A Potential kiosk location
- B Bus layover area
- C Bike racks

- Existing Curbs
- Project Scope





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1. View from new office building
2. View south from Subway Plaza
3. View north from south-east corner of plaza, approaching from Cooper Union
4. View approaching from west along Astor Place

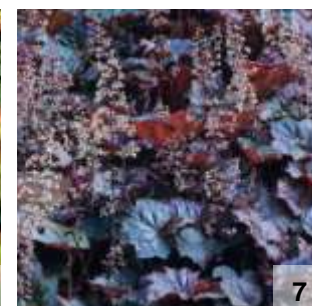


DDC / DOT / Parks
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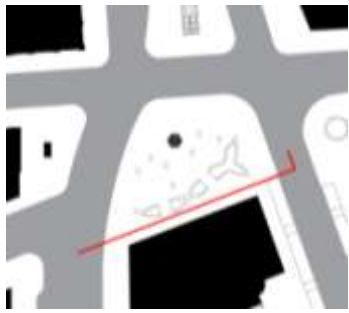
Reconstruction of Astor Place and Cooper Square
1/06/2011

Rendering
Scale: N/A

Alamo Plaza Design:
Axonometric View

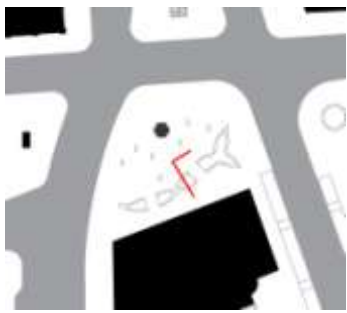


1. Black Gum
2. Snow Crocus
3. Common Snowdrop
4. Lamb's Ear
5. Silver Bell
6. Yellow Epimedium
7. Coral Bell
8. Hakone
9. Sedge

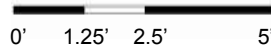


Key plan





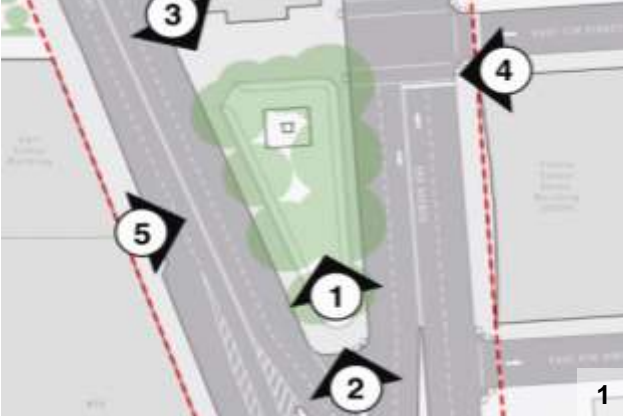
Key plan





COOPER TRIANGLE





1. Key plan
2. View north in Cooper Triangle
3. Southern point of Cooper Triangle
4. View south towards Cooper Triangle entrance
5. View from new Cooper Union engineering building
6. View west from new location of Grace Church High School



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WXY/QRP/Oudolf/Tillett

Reconstruction of Astor Place and Cooper Square
1/06/2011

Plan Drawing
Scale: Graphic Scale

Existing Plan at
Cooper Triangle Park





1. Entry of Cooper Park, from Foundation Building
2. View of "Cooper Walk" looking north



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WXY/QRP/Oudolf/Tillett

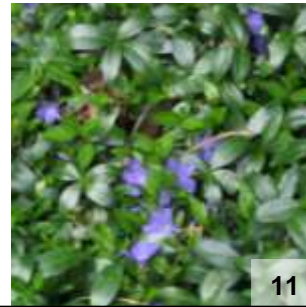
Reconstruction of Astor Place and Cooper Square
1/06/2011

Rendering
Scale: N/A

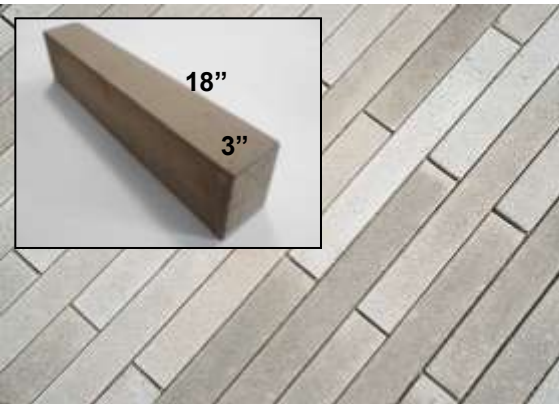
View of Proposed
Design



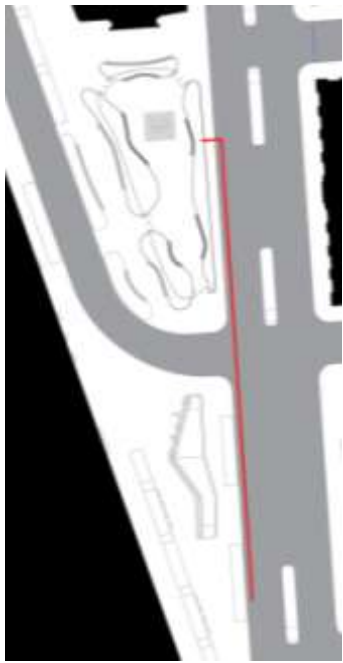
Pin Oaks (existing)



1. Anemone Japonica
2. Aster
3. Siberian Iris
4. Orange Coneflower
5. Sweet Coneflower
6. Golden Garlic
7. Woodland Phlox
8. Common Winterberry
9. Witch Hazel
10. Coral Bell (different seasons)
11. Periwinkle

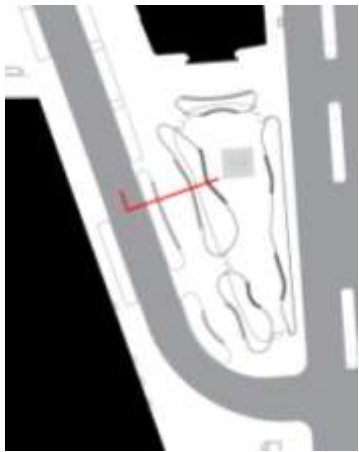


Permeable paving:
Stepstone narrow modular pavers
(inside Cooper Park)

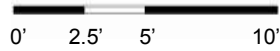
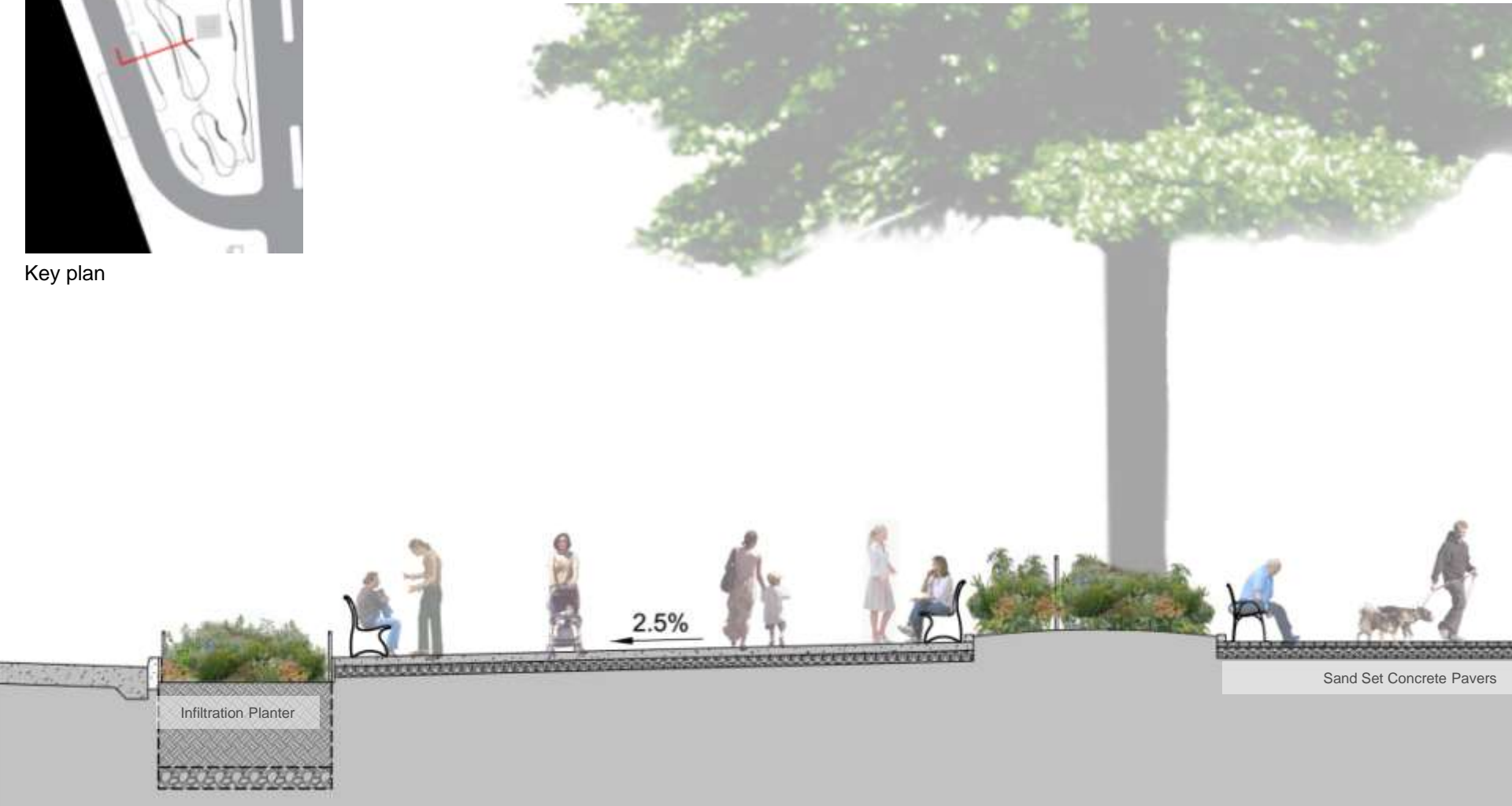


Key plan



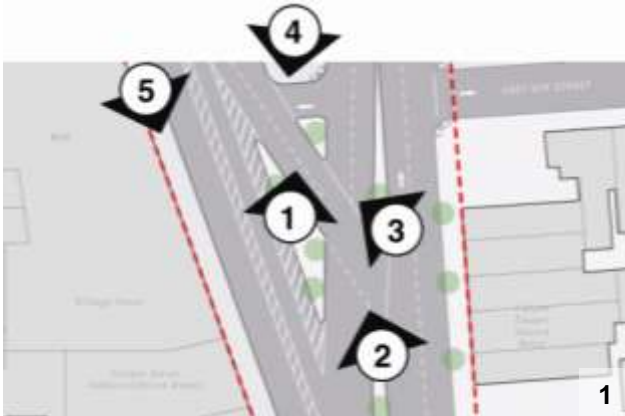


Key plan

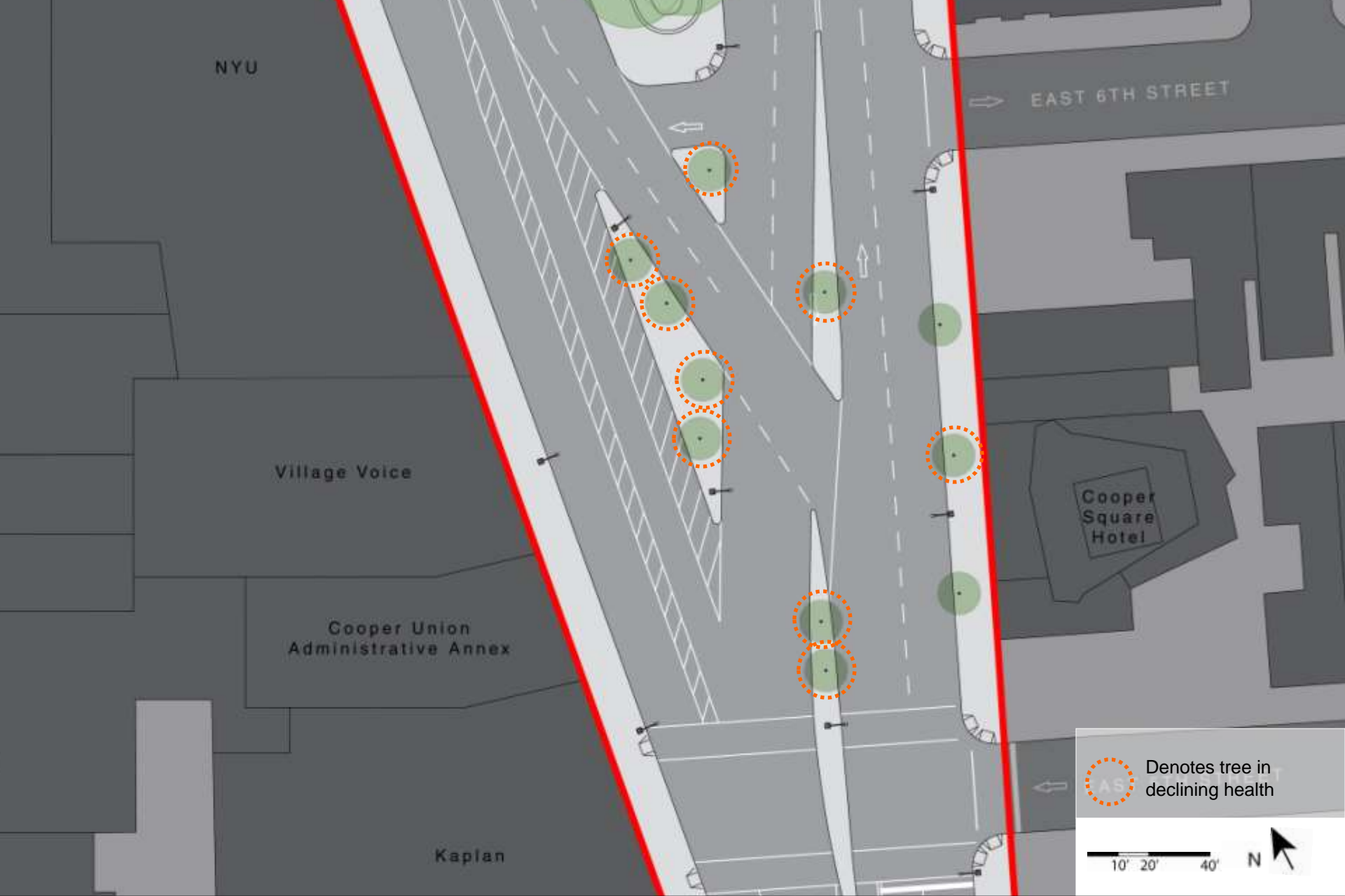




VILLAGE PLAZA



1. Key plan
2. View north from west island
3. View north from south island
4. View of Grace Church High School
5. View south from Cooper Triangle
6. View south along Grace Church High School



DDC / DOT / Parks
 WXY/QRP/Oudolf/Tillett

Reconstruction of Astor Place and Cooper Square
 1/06/2011

Plan Drawing
 Scale: Graphic Scale

Existing Plan at future
 Village Plaza





Existing condition



Proposed design



Existing condition



Proposed design

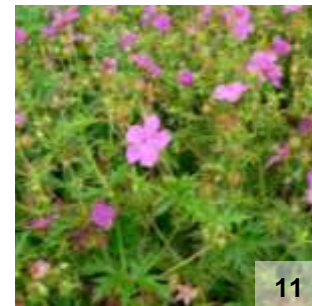


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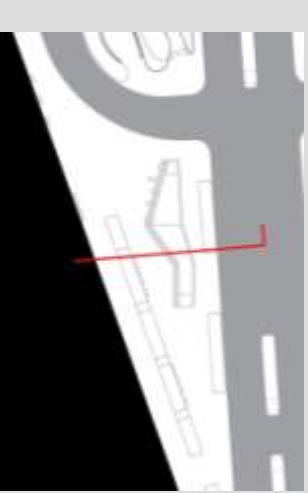
Reconstruction of Astor Place and Cooper Square
1/06/2011

Rendering
Scale: N/A

View from Village Plaza
looking North



1. Black Gum
2. Willow Oak
3. Sawtooth Oak
4. Sweet Bay Magnolia (in planter)
5. Joe Pye Weed
6. Foamflower
7. Bergamot
8. Creeping Phlox
9. Woodland Phlox
10. Aster
11. Geranium (different colors)
12. Golden Garlic
13. Fountain Grass
14. Greater Wood Rush



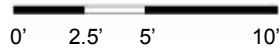
Key plan

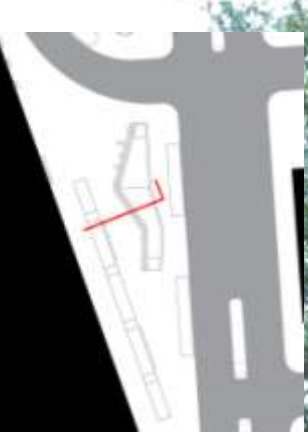


Village Voice Building

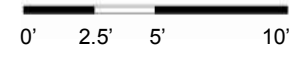
Village Plaza

The Bowery





Key plan



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Reconstruction of Astor Place and Cooper Square
1/06/2011

E-W Section-Elevation
Scale: Graphic Scale

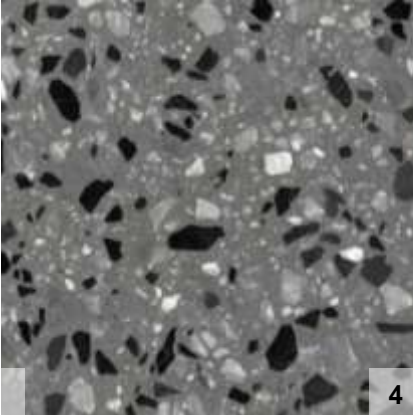
Village Plaza Section
through Seating – looking
North



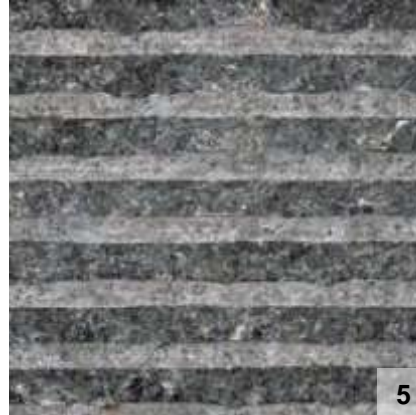
MATERIALS & FIXTURES



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1. Cooper Square Bus lane – Typical concrete roadbed
2. Sidewalks - Tinted concrete with exposed light colored aggregate
3. Perforated stainless steel plate - 50% open
4. Tinted concrete with exposed light colored aggregate (all sidewalks)
5. Textured granite (at subway plaza and village plaza)
6. Tinted concrete curb with steel facing
7. Granite curb
8. Eurocobble – used around all trees set in pavement
9. Split face granite seating blocks – used in Subway Plaza, Alamo Plaza, and Village Plaza



“Pinot bistro” table & “Ronde” armchair – mixed colors (at the Alamo Plaza only)



W x Y River Bench
(In Cooper Park only)



W x Y Zipper Bench
(site-wide except inside Cooper Park)



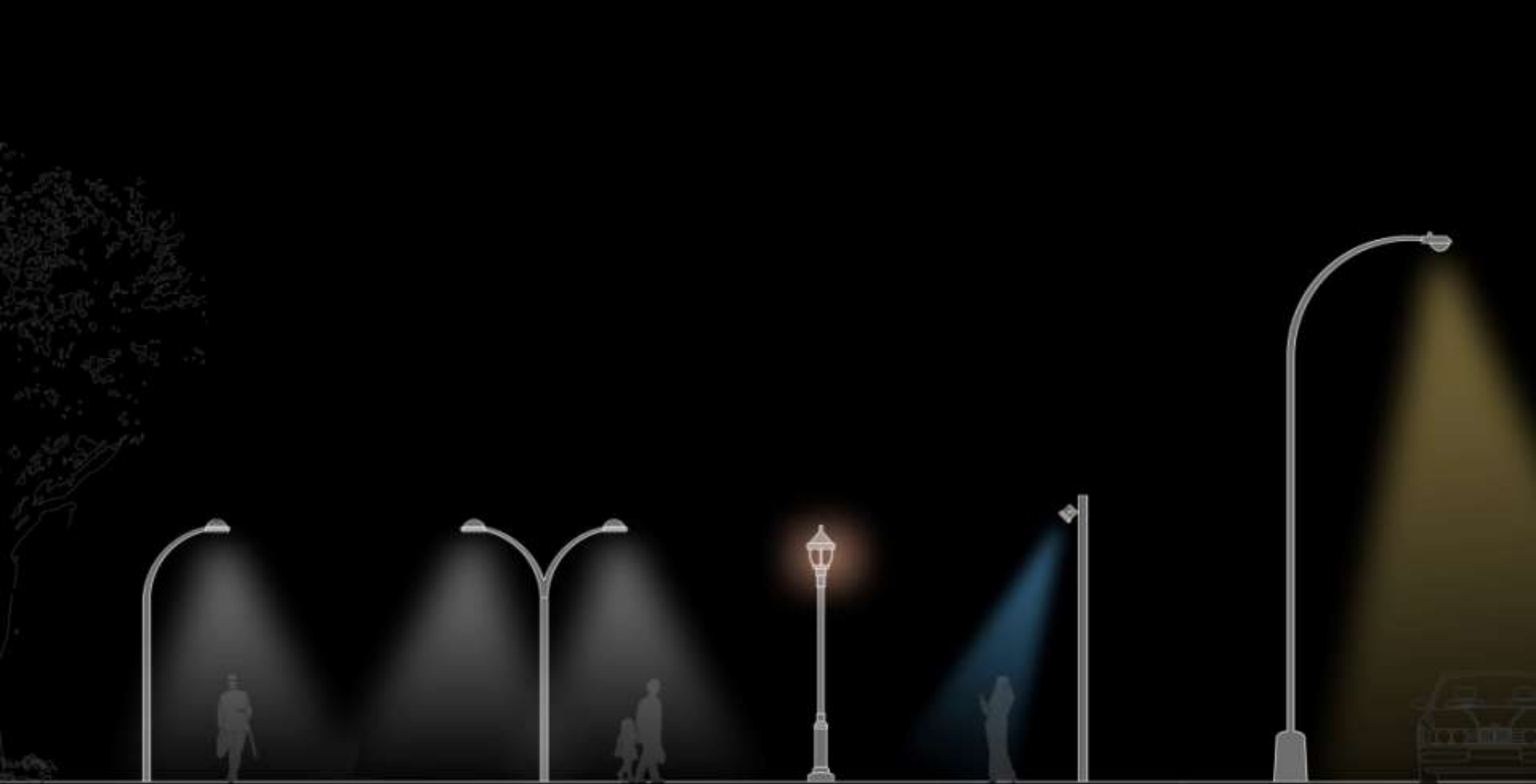
Dpr standard metal trash receptacle (site-wide)



Standard NYC Bike Rack (site-wide)



W x Y accessible drinking fountain - to be in black finish (at Subway Plaza and in Cooper Park – DF in plans)



AB

14' tall Davit Pole
 Stad Fixture
 Energy efficient white lighting
 equivalent to 70W HPS
 (Used throughout)

AB-2

14' tall Davit Pole
 Stad Fixture
 Energy efficient white lighting
 equivalent to 70W HPS
 (Used in Village Plaza double-
 width pedestrian spaces)

AC

12'6" B Pole
 100W HPS
 (Used in Cooper
 Park only)

AE

Flood Light,
 new prototype
 35W MH
 (Used for lighting
 of Peter Cooper
 Statue)

AA

30' tall Davit Pole
 150W HPS Cobra Head
 (Used throughout)

