



# **DOWNTOWN BROOKLYN PUBLIC REALM PLAN**

Vision Plan - Public Design Commission Conceptual Review  
Streetscape Toolkit - Public Design Commission Preliminary + Final Review  
NYCDOT + Downtown Brooklyn Partnership  
October 18, 2021



**MNLA** **Sam Schwartz**

## **1. Introduction**

## **2. Overall Vision/Key Recommendations**

- Shared Street Network**
- Infrastructure for People**
- Increase Biodiversity**
- Bold Brooklyn**

## **3. District Streetscape Toolkit**

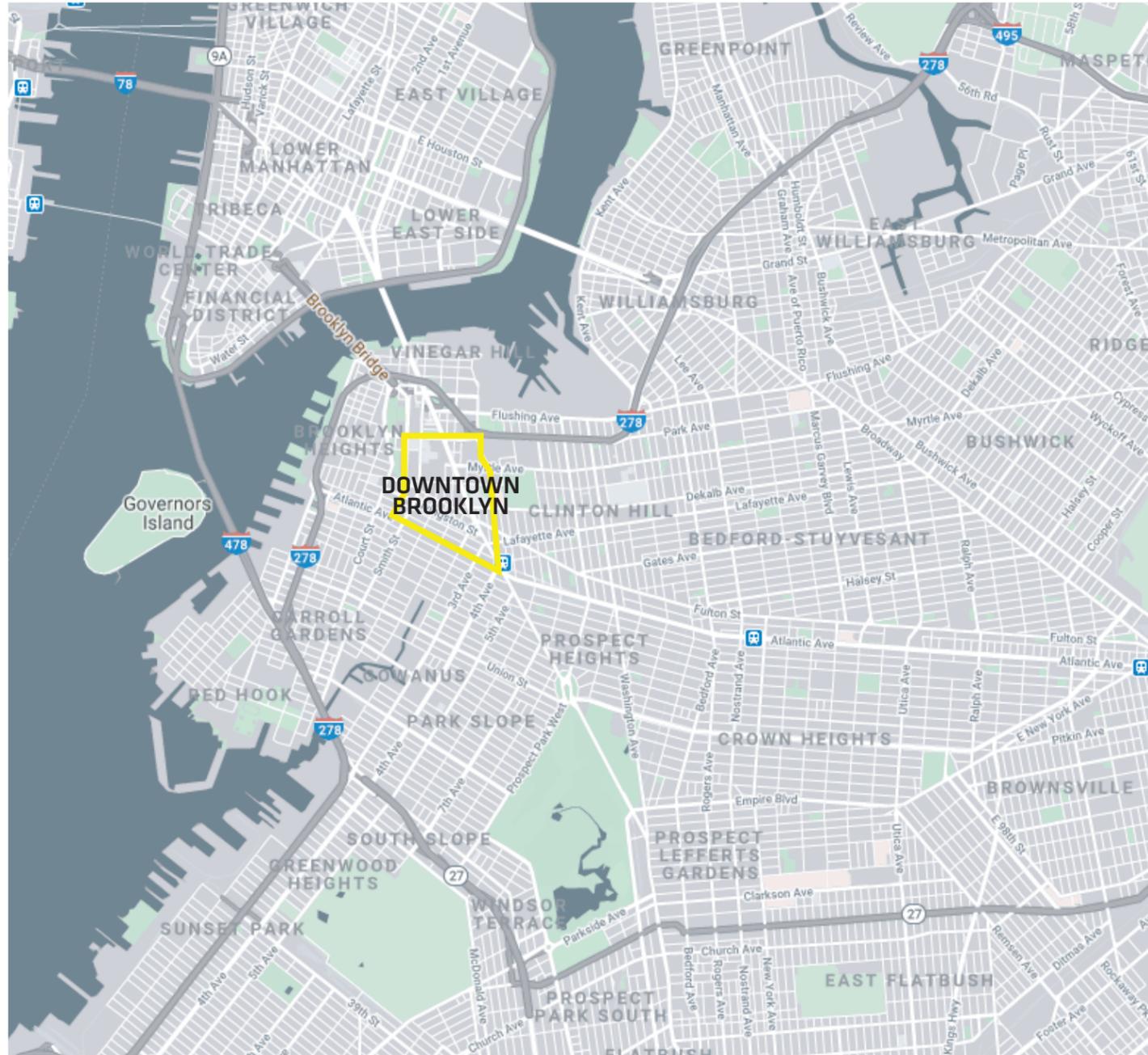
- Downtown Brooklyn Standard**
- Planter Typologies + Details**
- Integrated Seating**

## **4. Implementation Strategy**

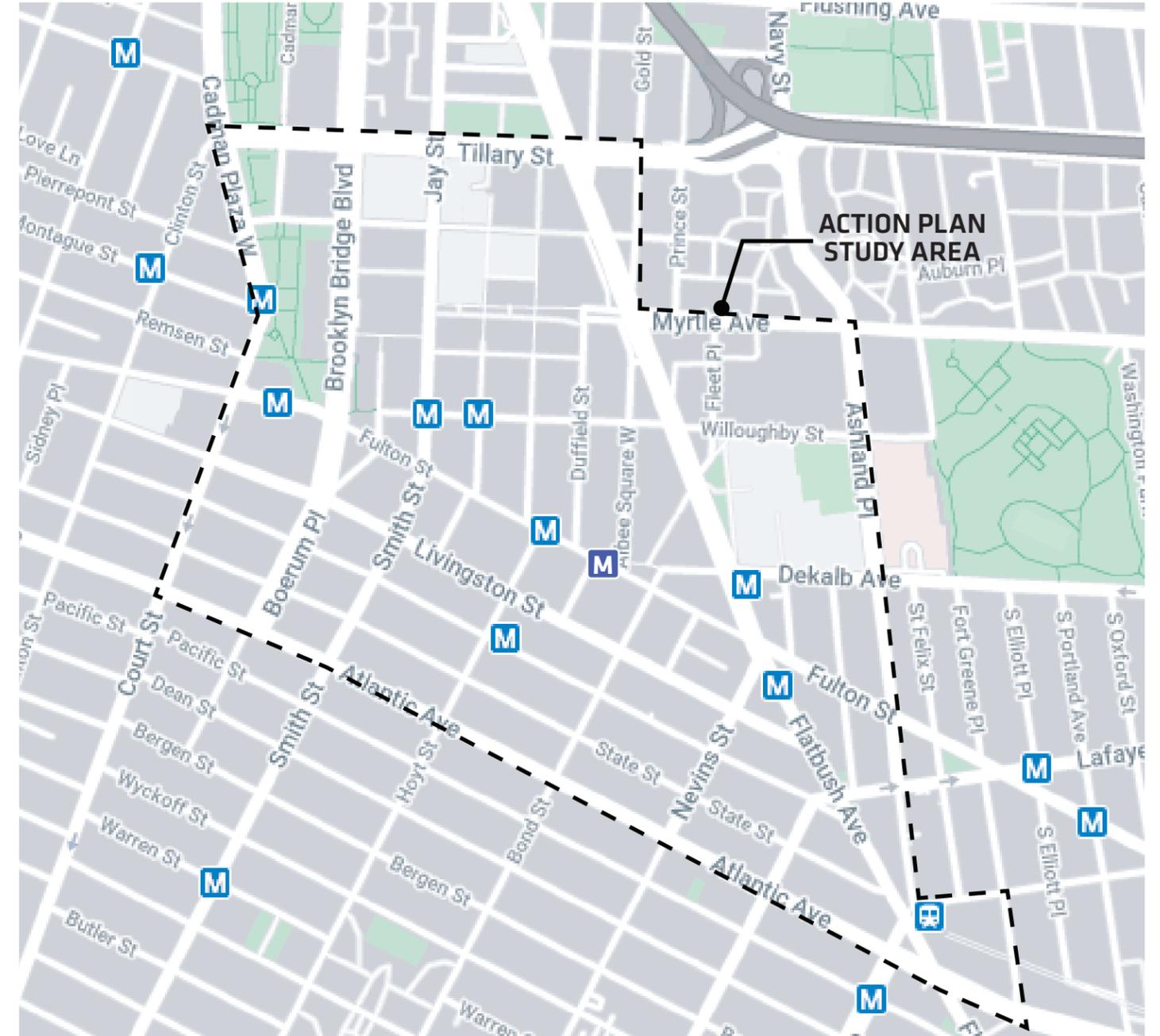
- Early-Action Project (11 Hoyt)**
- Developer-Led Initiatives (9 Dekalb, Alloy Block)**
- Shared Street Pilots (BID + DOT)**
- Flatbush Capital Project (DOT)**
- Future Efforts (Fulton Mall, Adams Street, University Place, Columbus Park)**

## **5. 9 Dekalb Plaza and Streetscape**

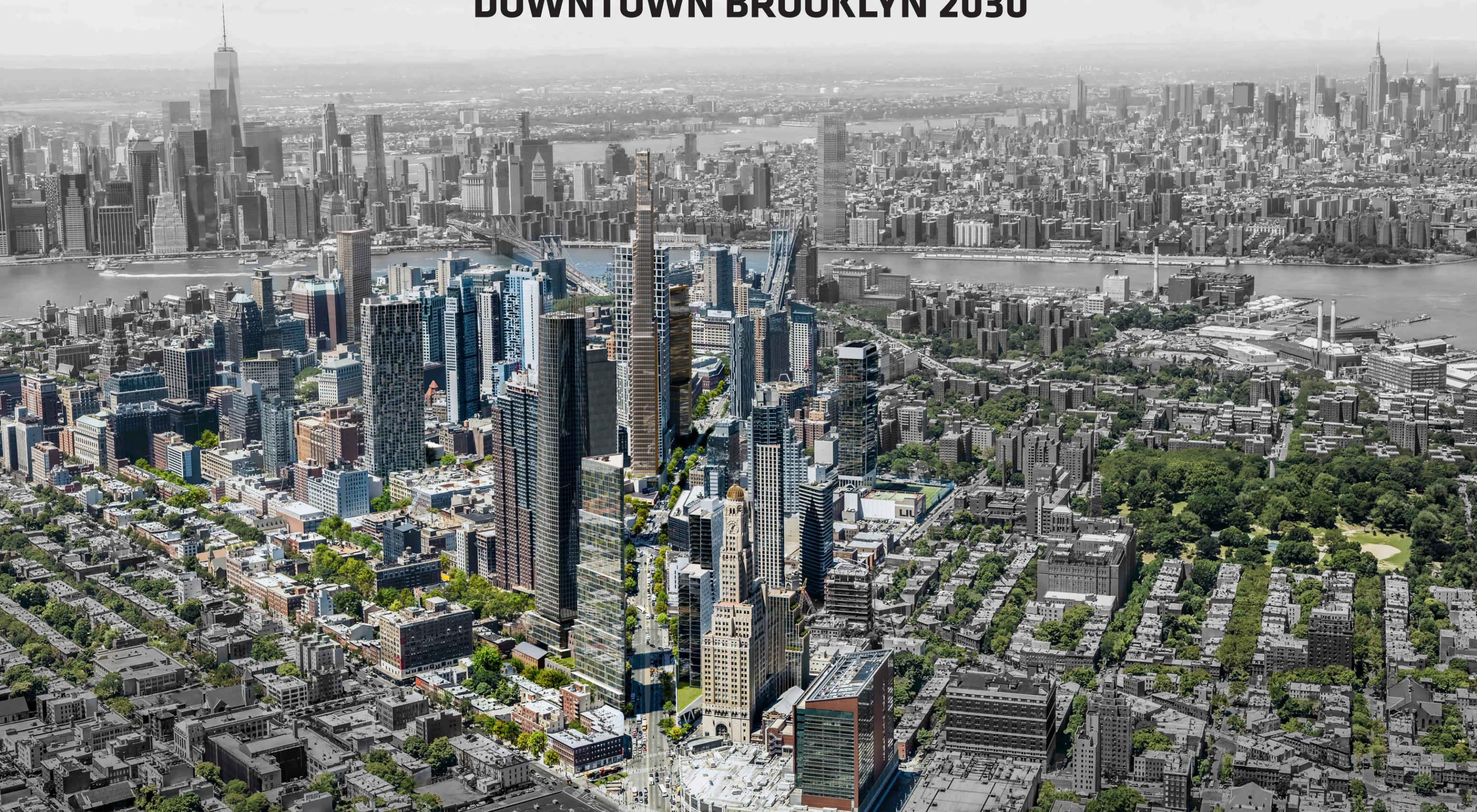
## Borough Location



## Neighborhood + Site Location



# DOWNTOWN BROOKLYN 2030



# WHERE PEOPLE COME TOGETHER TO LIVE, WORK, LEARN & ENJOY



**OVER THE LAST DECADE  
THE DISTRICT HAS EXPERIENCED SIGNIFICANT GROWTH**

**+24%**  
**POPULATION**  
**+10K NEW RESIDENTS**

**+19%**  
**BUSINESSES**  
**+930 NEW FIRMS**

**+16%**  
**JOB**  
**+10K NEW JOBS**

# HOW CAN WE TACKLE EXISTING CHALLENGES & PREPARE THE DISTRICT FOR THE NEXT DECADE?



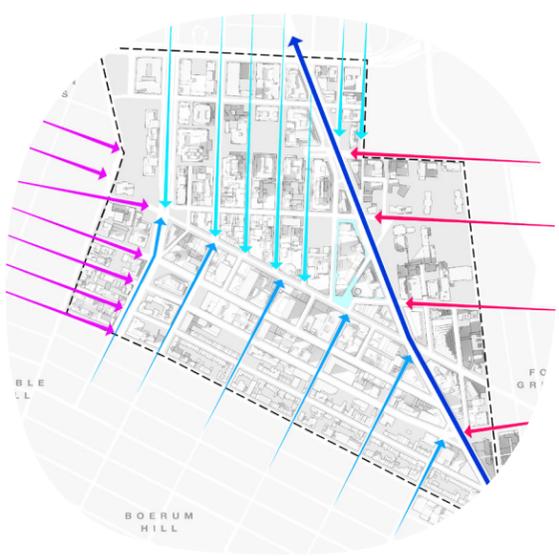
**LACK OF GREEN SPACE**



**MULTI-MODAL CONFLICT + CONGESTION**



**NARROW & SUBSTANDARD SIDEWALKS**



**DISORIENTING STREET GRIDS**



**INCONSISTENT STREETScape & IDENTITY**

# VISION FOR DOWNTOWN BROOKLYN 2030



**A PEOPLE-FOCUSED  
DOWNTOWN**



**A HUB FOR JOBS  
& BUSINESSES**



**FOR BROOKLYN  
BY BROOKLYN**

# ACTION PLAN GOALS



**SHARED  
STREET NETWORK**



**INFRASTRUCTURE  
FOR PEOPLE**



**INCREASE  
BIODIVERSITY**



**BOLD  
BROOKLYN!**

# KEY RECOMMENDATIONS



**DOWNTOWN BROOKLYN  
STANDARD +  
STREETScape TOOLKIT**

**DOWNTOWN  
BROOKLYN SHARED  
STREET NETWORK**

**FULTON –  
LIVINGSTON BUS  
& BIKE NETWORK**

**ADAMS STREET  
MULTI-MODAL  
CORRIDOR**

**REDESIGNING  
COLUMBUS PARK &  
UNIVERSITY PLACE**

# KEY PROJECTS

ADAMS ST  
MULTI-MODAL  
CORRIDOR

MetroTech  
Center

UNIVERSITY  
PLACE

Long Island  
University Brooklyn

DOWNTOWN  
PEDESTRIAN  
CORE

9 DEKALB

COLUMBUS  
PARK

RED  
HOOK LANE

GALLATIN PL

HOYT  
& ELM

GROVE  
ALLEY

FULTON & LIVINGSTON BUS NETWORK

FLATBUSH AVE  
CAPITAL PROJECT

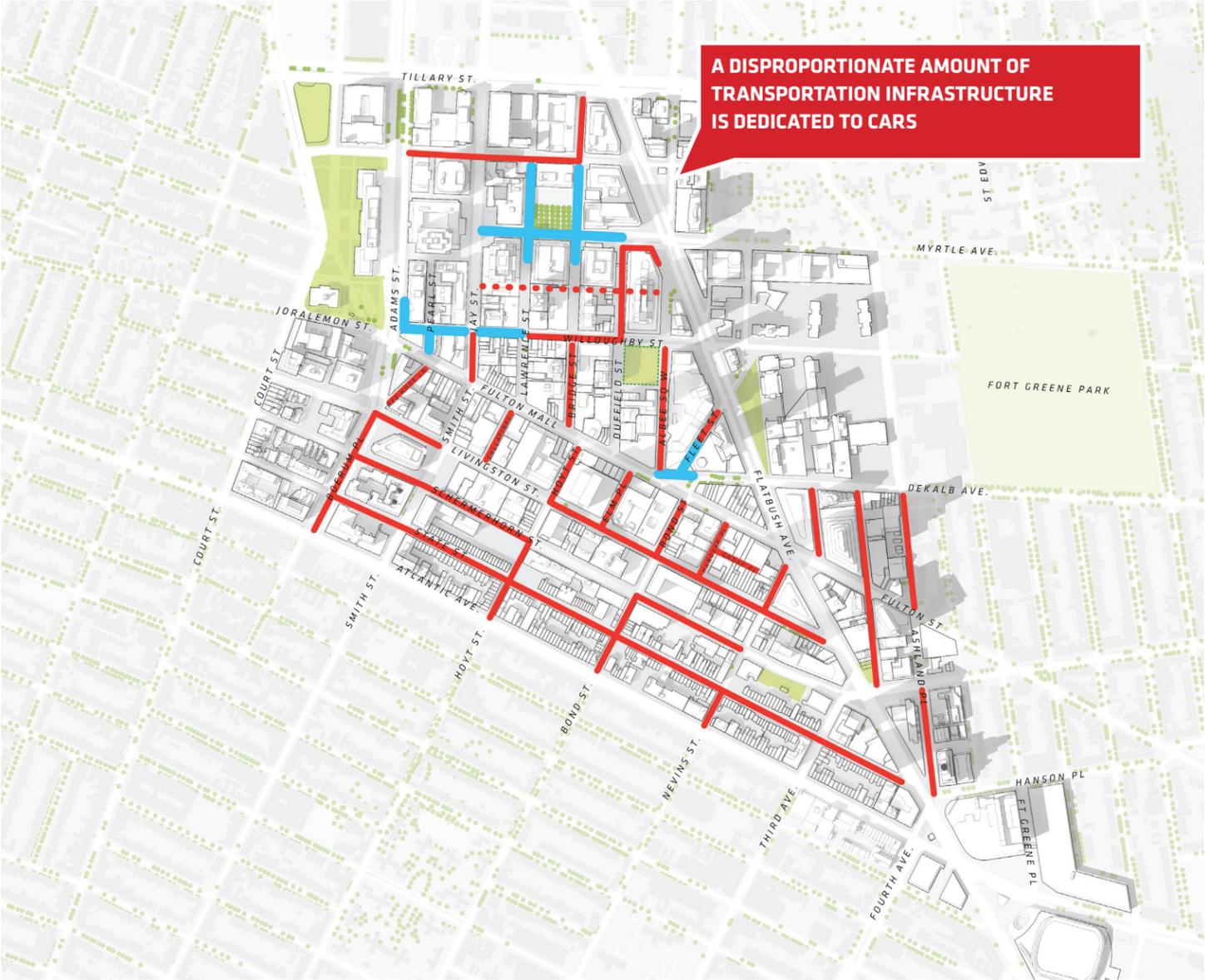
GREEN  
DOWNTOWN  
WITH 1,000+  
NEW TREES

ALLOY  
BLOCK

4TH  
& ATLANTIC

Barclays  
Center

# SHARED STREET NETWORK



TODAY

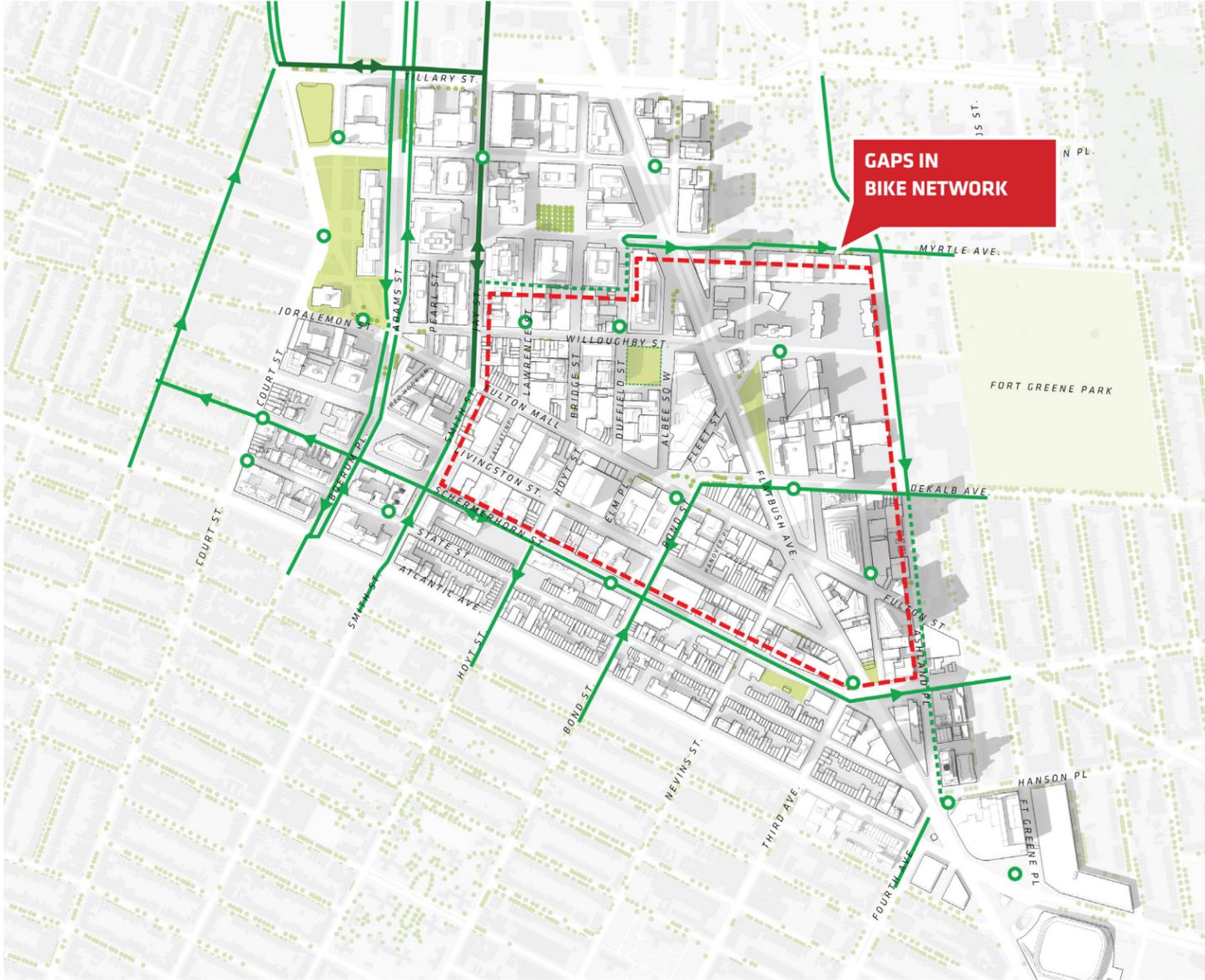
— NARROW/SUBSTANDARD SIDEWALKS
 — SHARED STREETS



TOMORROW

— EXPANDED SIDEWALKS
 — SHARED STREETS + DEMAPPED STREETS

# INFRASTRUCTURE FOR PEOPLE: BIKE NETWORK



**TODAY**



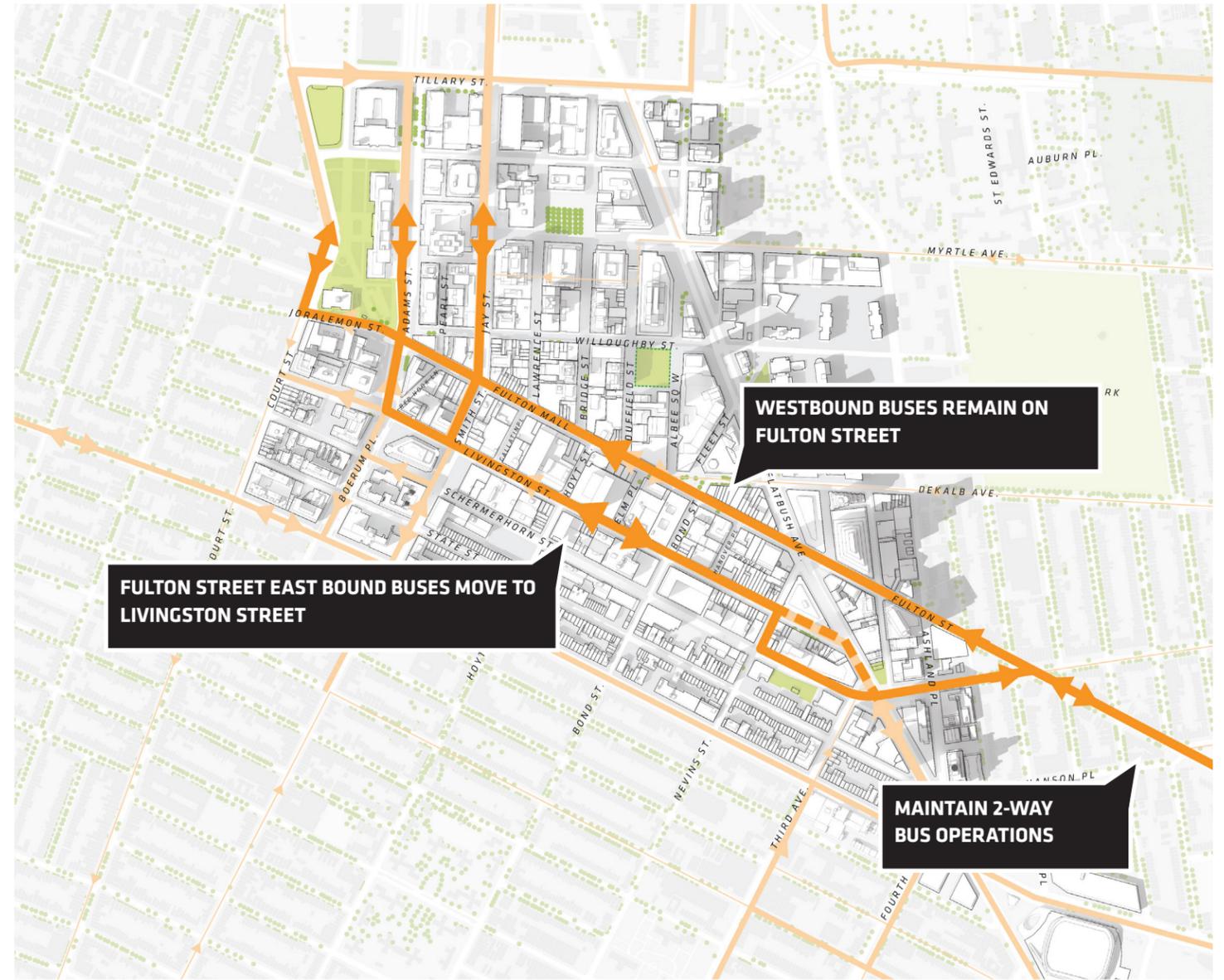
**TOMORROW**

- - - BIKE NETWORK GAP
- CITY BIKE RACKS
- █ PROTECTED BIKE LANE
- CONVENTIONAL BIKE LANE
- █ SHARED BIKE LANE

# INFRASTRUCTURE FOR PEOPLE: BUS NETWORK



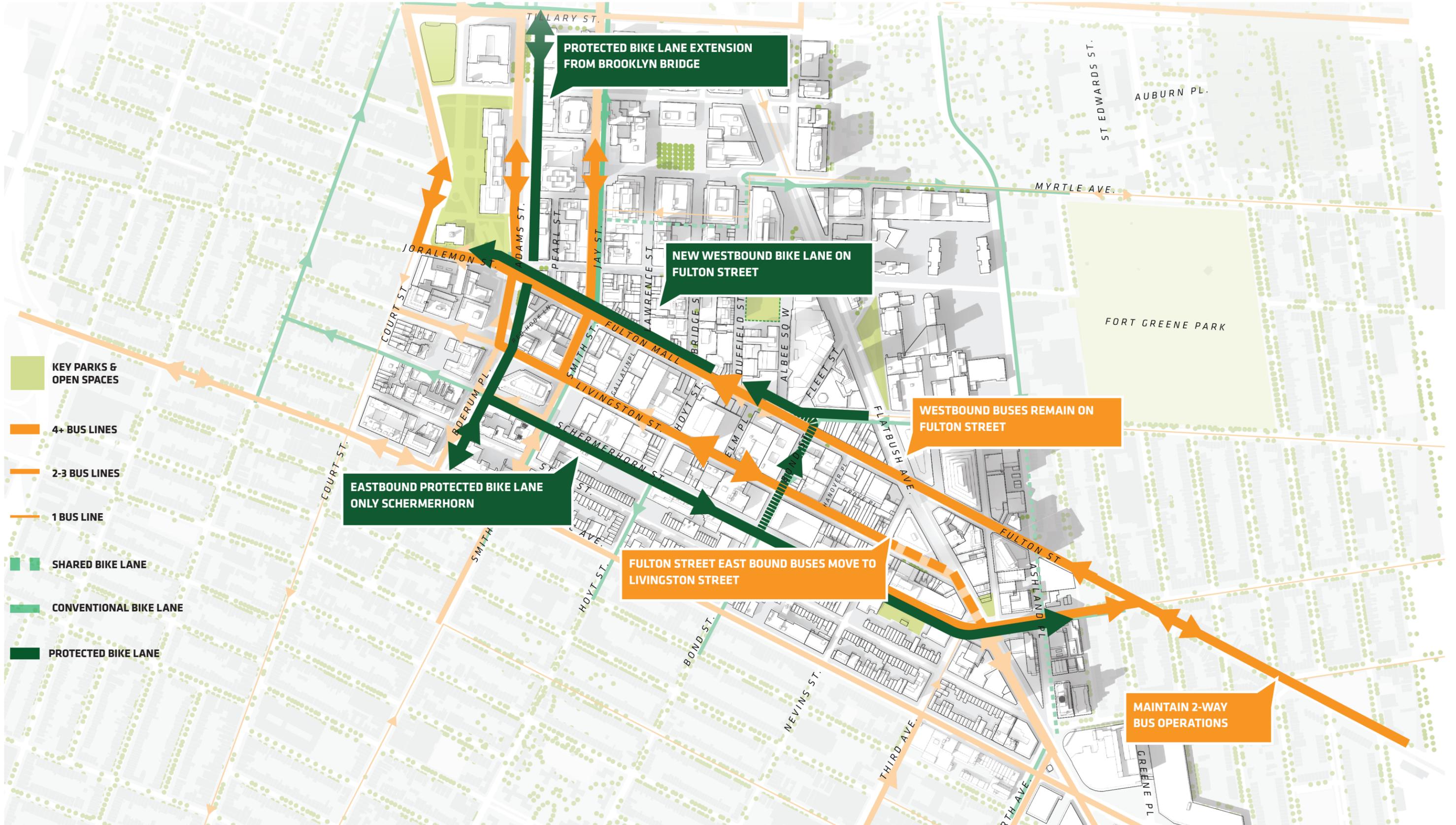
TODAY



TOMORROW



# INFRASTRUCTURE FOR PEOPLE



# INCREASE BIODIVERSITY



**TODAY**



**TOMORROW**

— GAPS IN TREE NETWORK    
 ● NEW TREES    
 — PARKS & GREEN SPACES

# INCREASE BIODIVERSITY



**IN-GROUND  
PLANTERS**



**ABOVE GROUND  
PLANTERS**



**RAIN GARDENS  
& BIOSWALES**

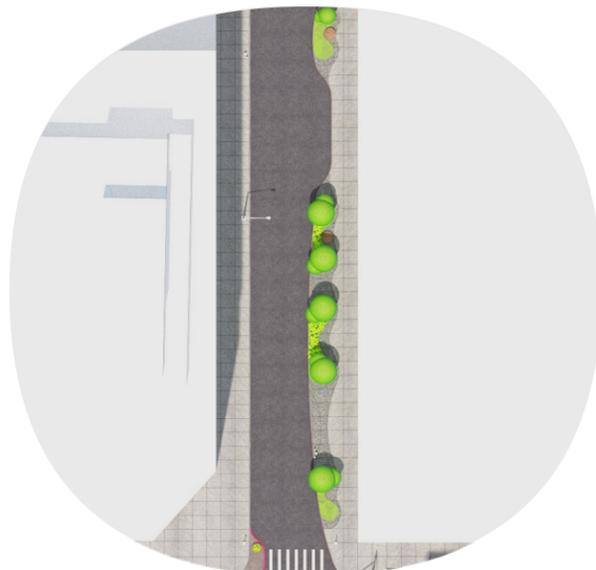


**GREEN WALLS  
& FACADES**

# BOLD BROOKLYN



# STREETScape TOOLKIT



**DOWNTOWN BROOKLYN  
STANDARD**

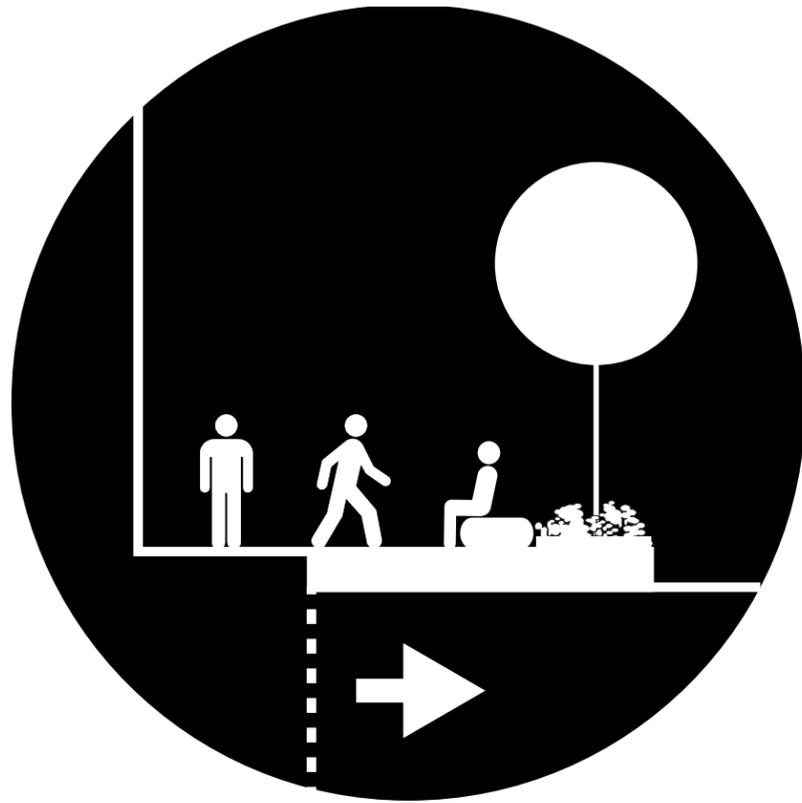
**PAVING**

**PLANTERS**

**SEATING**

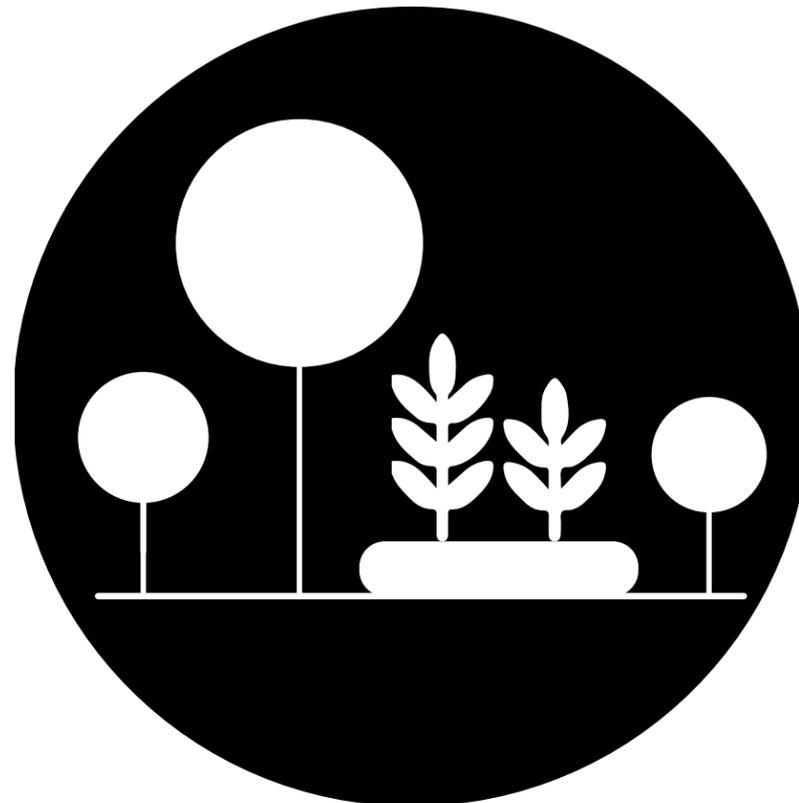
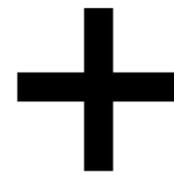
**PUBLIC ART**

# STREETSCAPE DESIGN CONCEPT



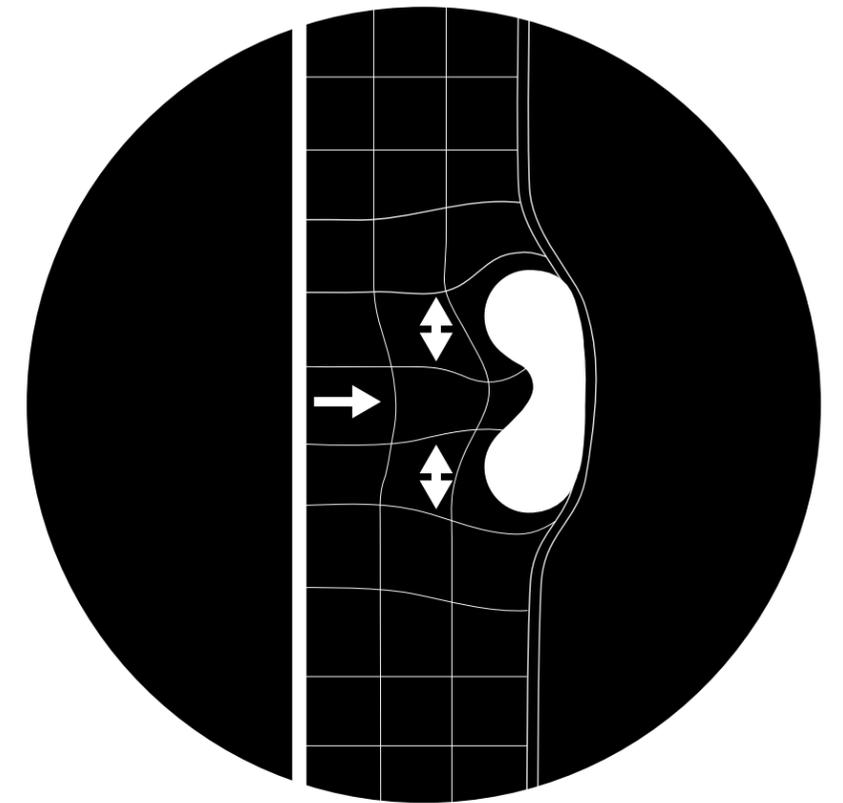
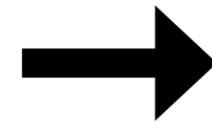
## WIDEN SIDEWALKS

Create a safe, walkable downtown by improving pedestrian circulation and amenities



## INCREASE GREENING

Add street trees and rain gardens to increase permeability, improve air quality, and reduce urban heat island effect



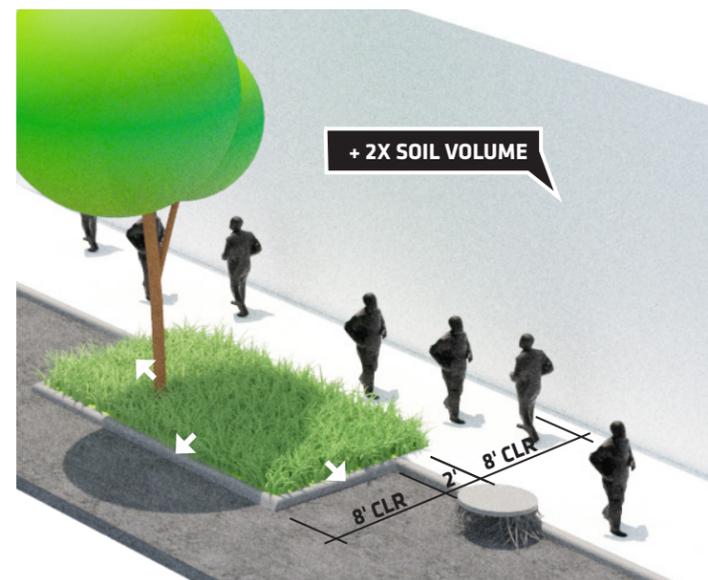
## DISTINCTIVE SIDEWALK

Establish a recognizable district identity with soft, organic forms and geometries

# DOWNTOWN BROOKLYN STANDARD: DESIGN CONCEPT



1. EXISTING TREE PIT



2. ENLARGE TREE PIT



SOFTEN PLANTER EDGES AND CURBLINE

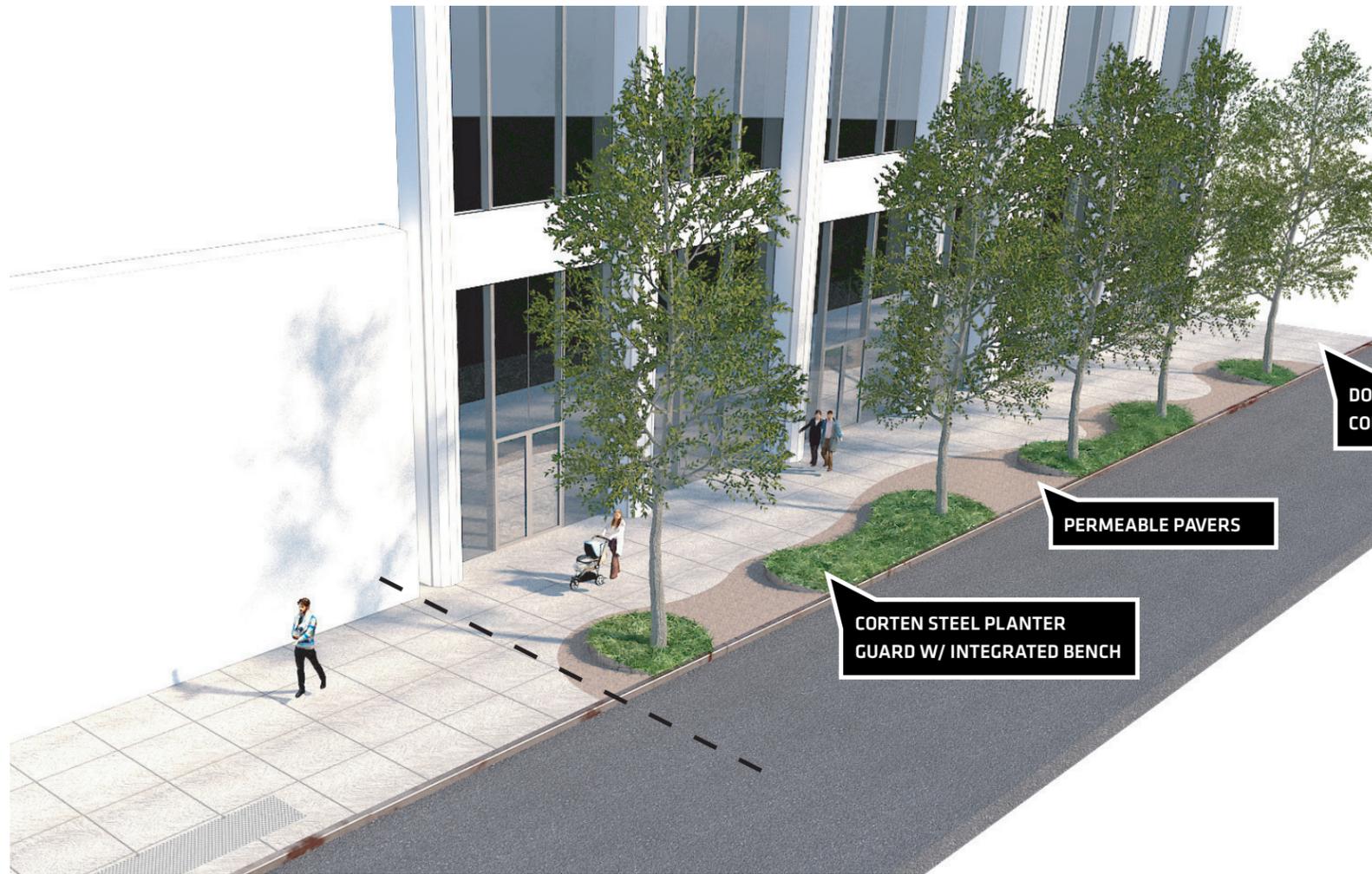
3. SOFTEN EDGES



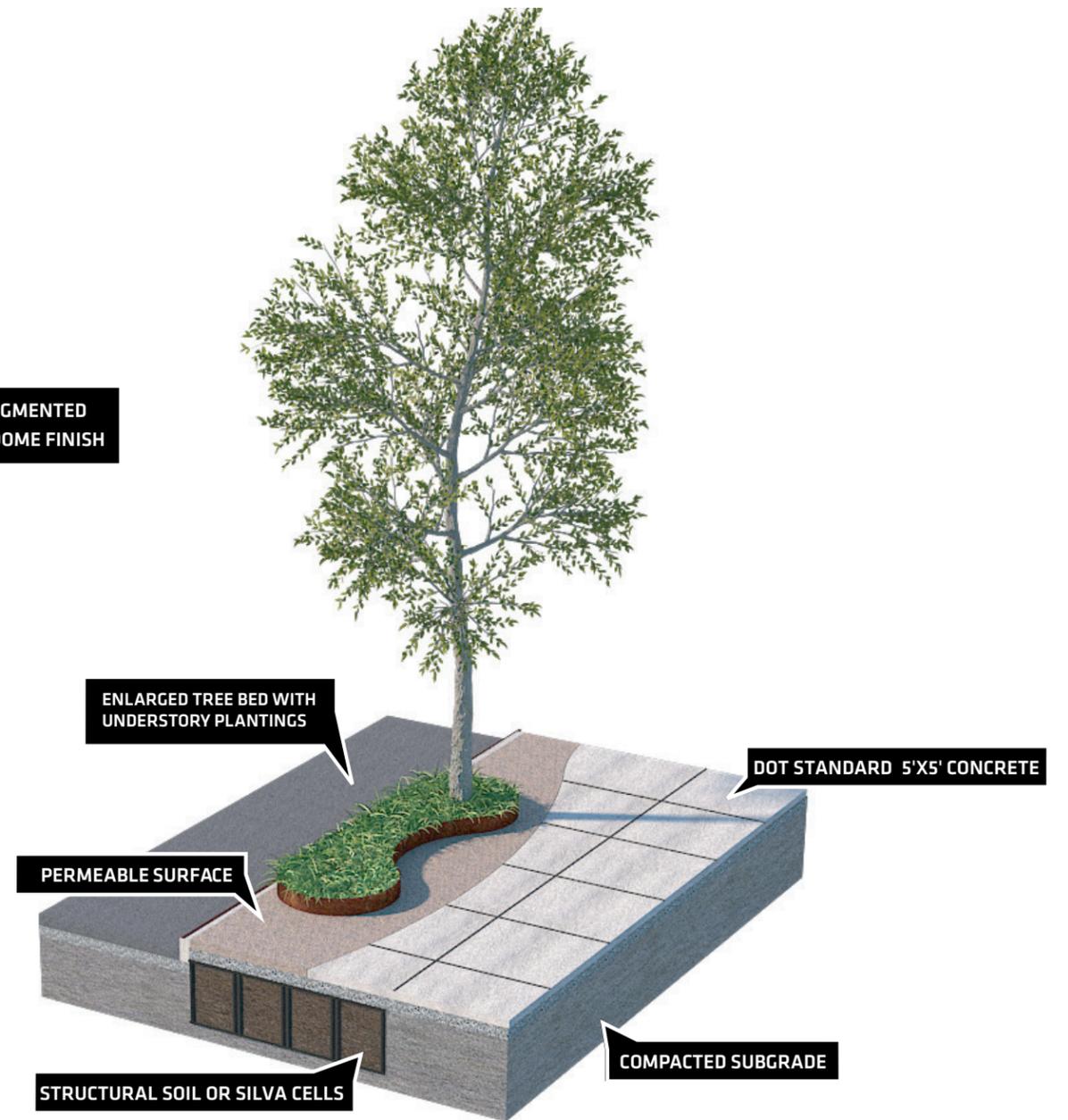
ADD BENCH TO PLANTER RAILING

4. SHARED STREET

# DOWNTOWN BROOKLYN STANDARD: MATERIALS + ELEMENTS



AXON OF EXISTING SIDEWALK + DOWNTOWN BROOKLYN STANDARD ABUTMENT



DOWNTOWN BROOKLYN STANDARD PLANTING BED

## MATERIAL PALETTE



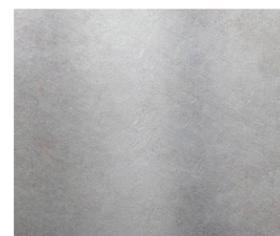
permeable paver



decomposed granite  
(used in plazas + shared streets)



corten steel  
planter guard



galvanized steel  
planter guard



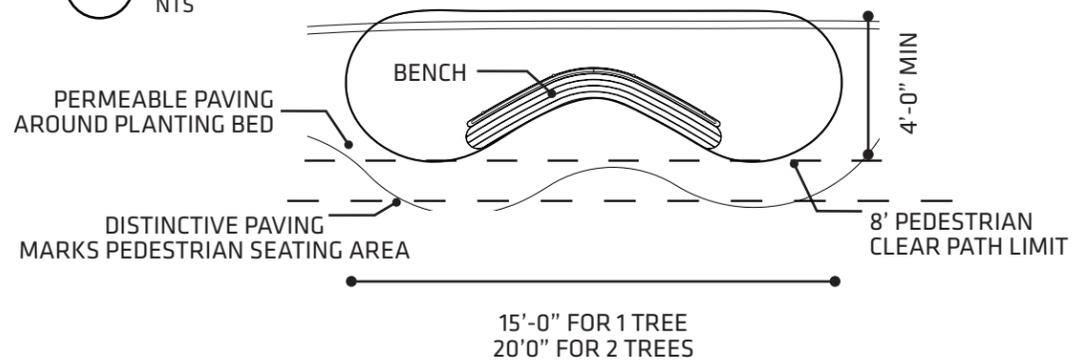
integrated planter  
seating

# DOWNTOWN BROOKLYN STANDARD: PLANTING BED TYPOLOGIES



**1 PINCHED PLANTER WITH SEATING**

NTS



15'-0" FOR 1 TREE  
20'-0" FOR 2 TREES

### BENEFITS

- geometry places seating away from main pedestrian path, allowing for greater pedestrian circulation
- maximizes tree size and increases tree lifespan
- additional soil volume promotes root growth
- understory plantings increases permeability
- responds to community desire for softer, greener and more park-like public realm

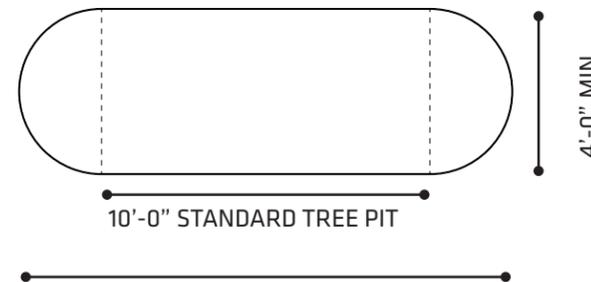
### LOCATION

- expanded / wide sidewalks with heavy pedestrian flow
- complies with existing DOT + DPR street tree siting guidelines



**2 CAPSULE PLANTER**

NTS



15'-0" FOR 1 TREE  
20'-0" FOR 2 TREES

### BENEFITS

- maximizes tree size and increases tree lifespan
- additional soil volume promotes root growth
- understory plantings increases permeability
- responds to community desire for softer, greener and more park-like public realm

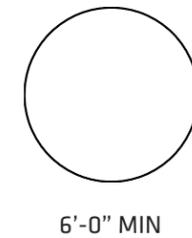
### LOCATION

- narrow sidewalks to maximize pedestrian circulation
- complies with existing DOT + DPR street tree siting guidelines
- can be retrofitted on existing sidewalks without capital projects / widening



**3 ROUND PLANTER**

NTS



6'-0" MIN

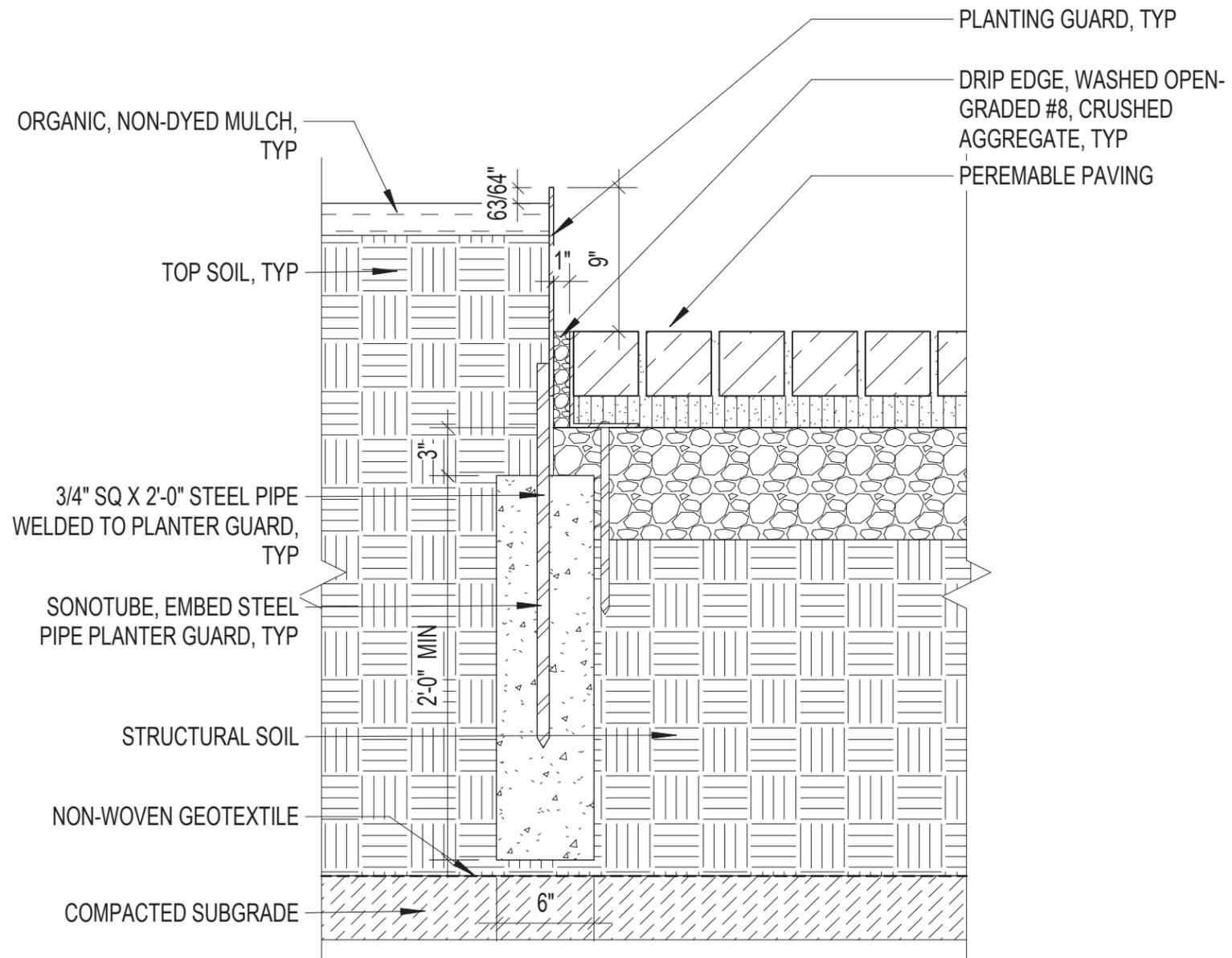
### BENEFITS

- understory plantings increases permeability
- responds to community desire for softer, greener and more park-like public realm

### LOCATION

- sidewalks with below-grade infrastructure where increased soil volume and understory planting is not possible
- complies with existing DOT + DPR street tree siting guidelines

# DOWNTOWN BROOKLYN STANDARD: PLANTER GUARD DETAIL



**1** **DISTINCTIVE TREE GUARD WITH PERMEABLE PAVING DETAIL**  
1"=1'-0"



**2** **DISTINCTIVE CORTEN STEEL TREE GUARD**  
NTS

# DOWNTOWN BROOKLYN STANDARD: PAVING DETAIL

## PERMEABLE PAVERS



**BELGIAN BLOCK**

### BENEFITS

- ADA complaint (max 1/2" gap filled with sand)
- Minimal maintenance
- Minimal cutting / loss of material
- Conveys park-like character



**PRECAST CONCRETE PAVER**

### BENEFITS

- ADA complaint (max 1/2" gap filled with sand)
- Minimal maintenance
- Minimal cutting / loss of material
- Widely available and cost-effective
- Asphalt pavers can be recycled



**DECOMPOSED GRANITE**  
(only used in plazas + shared streets to delineate pedestrian zone)

### BENEFITS

- ADA complaint (max 1/2" gap filled with sand)
- Minimal maintenance
- No cutting / loss of material
- Conveys park-like character
- Widely available and cost-effective

\* Paver selection and siting criteria dependent on cost and availability of materials and the site context and conditions.

# INTEGRATED PLANTER SEATING

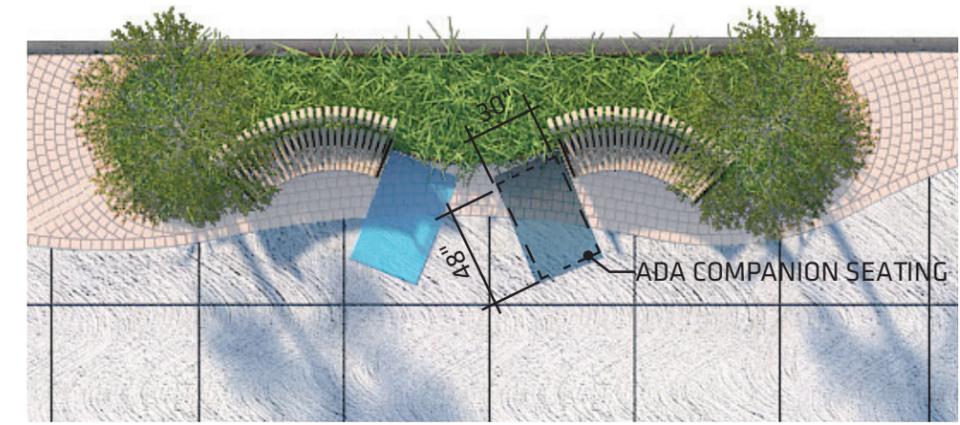
'FOR MULTIPLE BENCHES, 1 OF EVERY 5 OR NO LESS THAN 2 SHOULD INCLUDE ARMRESTS.'



EXPLODED AXION



AXION VIEW

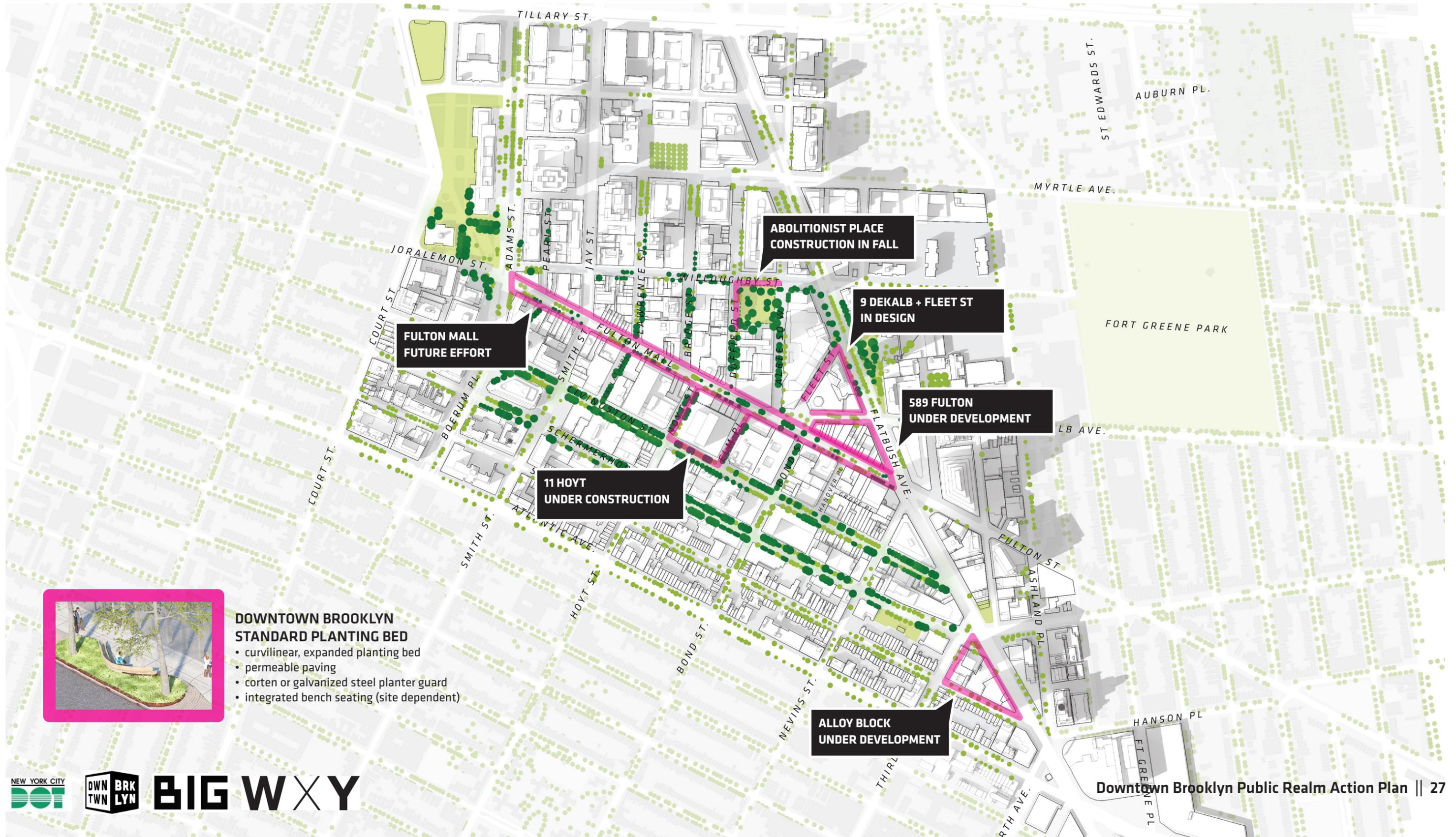


PLAN VIEW

## LOCATION

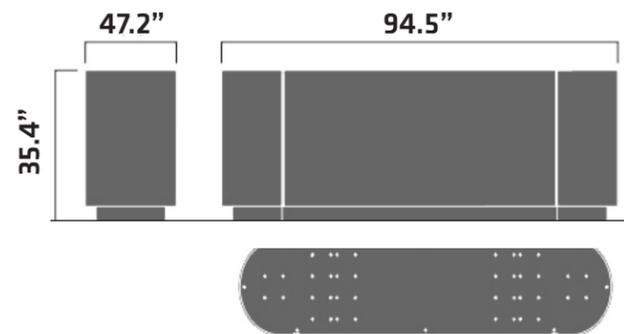
- wide/expanded sidewalk with minimum of 8' pedestrian clear path
- siting criteria similar to DOT CityBench -- can be installed adjacent to bus stops, commercial corridors with heavy foot traffic, parks and plazas, and neighborhood destinations

# DOWNTOWN BROOKLYN STANDARD: NEAR-TERM IMPLEMENTATION



- DOWNTOWN BROOKLYN  
STANDARD PLANTING BED**
- curvilinear, expanded planting bed
  - permeable paving
  - corten or galvanized steel planter guard
  - integrated bench seating (site dependent)

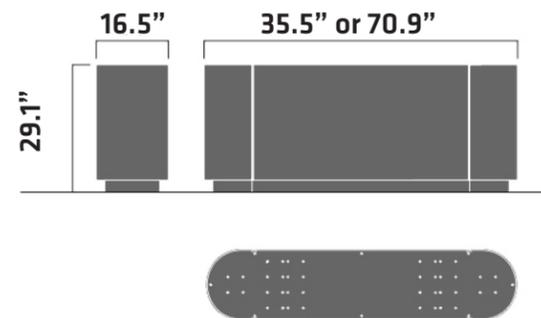
# ABOVE-GROUND PLANTER TYPOLOGIES\* TO ACCOMMODATE VARYING SITE CONDITIONS



**1** CAPSULE TREE PLANTERS  
NTS



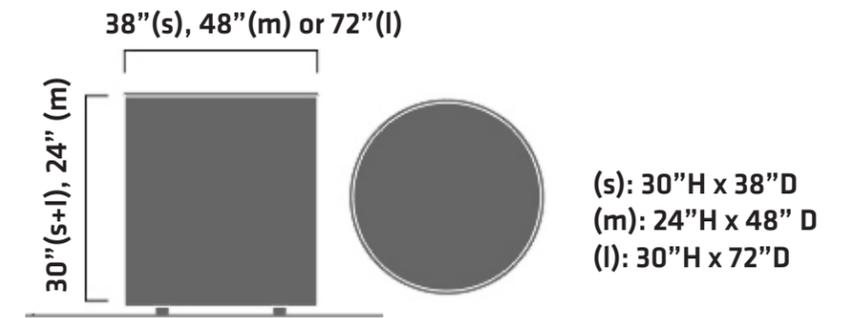
77 cu ft



**2** CAPSULE DELINEATOR PLANTERS  
NTS



small: 7.4 cu ft  
large: 15.5 cu ft

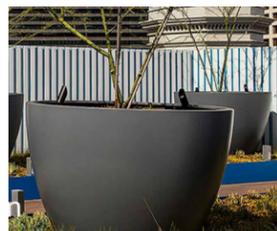


**3** ROUND PLANTERS  
NTS



small: 19.7 cu ft  
medium: 25.1 cu ft  
large: 70.7 cu ft

## MATERIAL PALETTE



glass fiber reinforced concrete



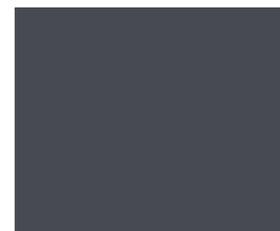
powder coated steel



LLDPE resin



yellow color  
(used in plazas + shared streets)



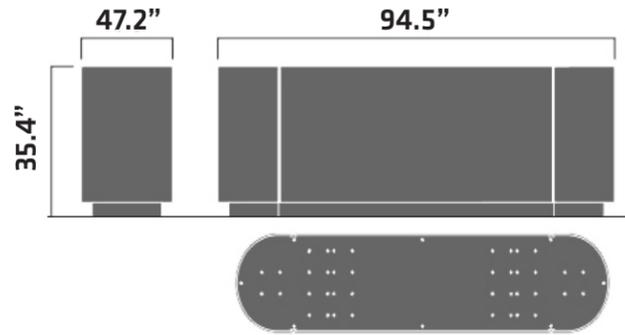
gray color  
(used on typical sidewalks)



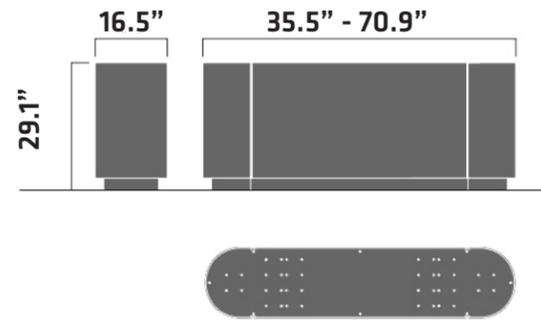
kebono wood  
(used on bench seating)

**\*Sited where in-ground trees and plantings are not possible due to subsurface conflicts**

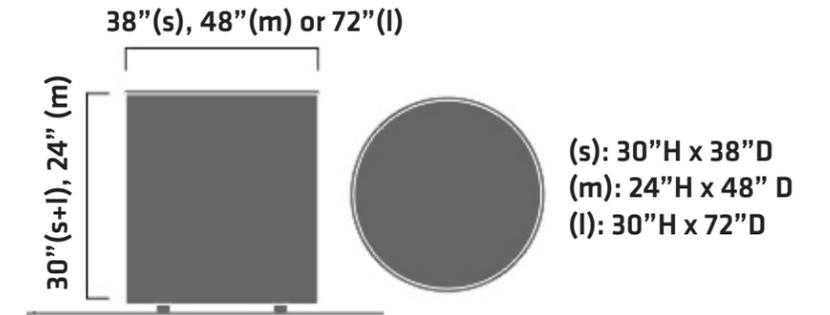
# ABOVE-GROUND PLANTER TYPOLOGIES: SITING GUIDELINES



**1 CAPSULE TREE PLANTERS**  
NTS



**2 CAPSULE DELINEATOR PLANTERS**  
NTS



**3 ROUND PLANTERS (s/m/l)**  
NTS

## USE

- adds trees on wide sidewalks where street trees are not possible due to subsurface infrastructure (e.g. Elm Street sidewalks)

- protects pedestrian zones and bike lanes along DOT interim safety improvement projects  
- prevents illegal parking  
- temporary and movable

- protects pedestrian zones along DOT interim safety improvement projects (small)  
- prevents illegal parking  
- adds trees (large) and shrubs (medium) to plazas while maintaining sight lines

## LOCATIONS

<b>plazas</b>			medium/large
<b>sidewalks</b>	wide sidewalks >16' only		
<b>bike lanes</b>		X	small: replaces temporary DOT planters
<b>curb extensions</b>		X	small: replaces temporary DOT planters
<b>shared streets</b>		X	small: cap ends of pedestrian zone

## PLANTINGS

street trees + perennial understory plantings

shrubs/perennial understory plantings only

small/medium: shrubs/understory plantings  
large: street trees

## MATERIALS

powder coated steel (gray color)

powder coated steel (yellow color)

small: resin (yellow color)  
medium/large: concrete (yellow color)

## FABRICATION

Streetlife Adapted-Shrubtubs in capsule shape, bench optional

Vestre POP Planter Series

small: Terracast Contemporary or similar  
medium/large: 3D printed concrete

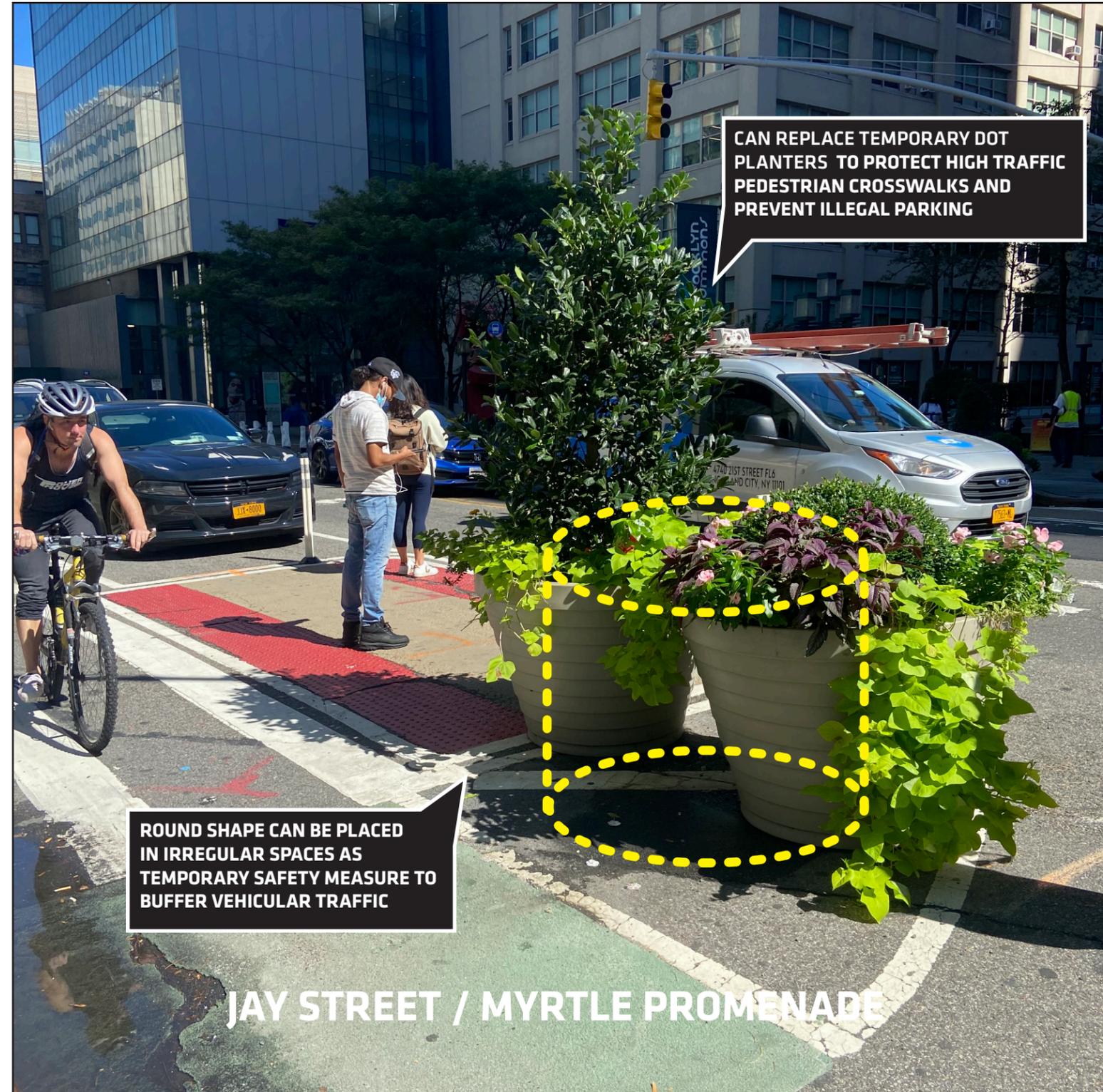
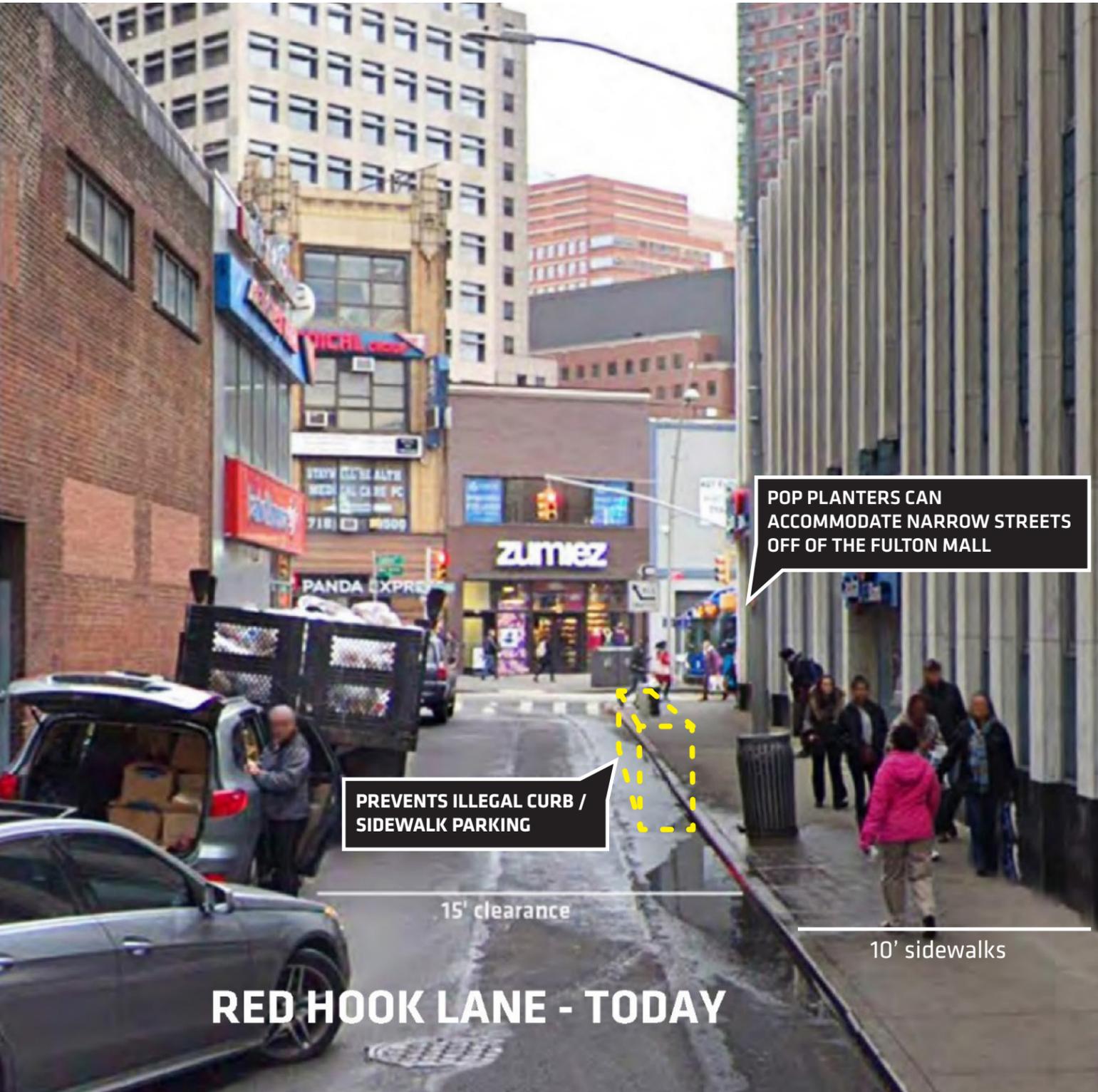
## MEETS DOT PLANTER GUIDELINES

Y: meets permanent planter guidelines for street trees

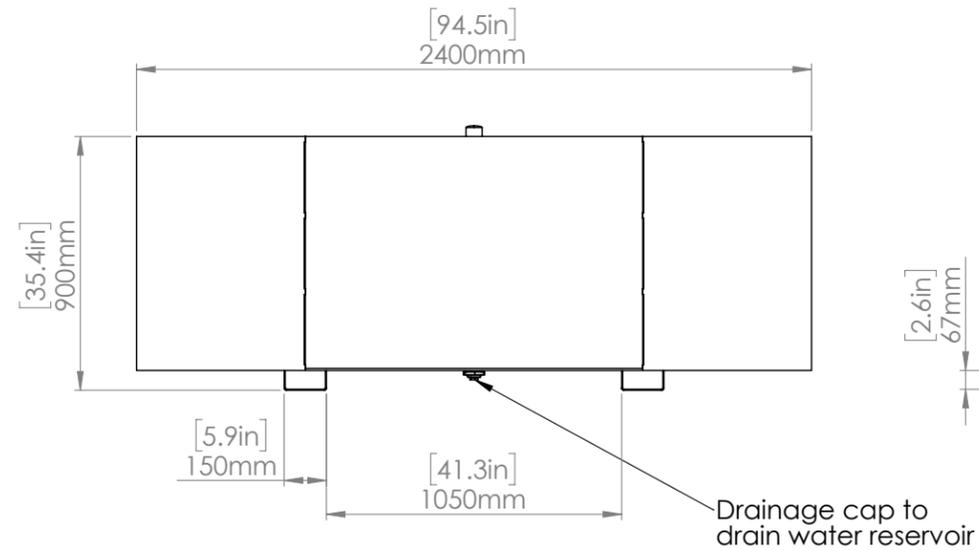
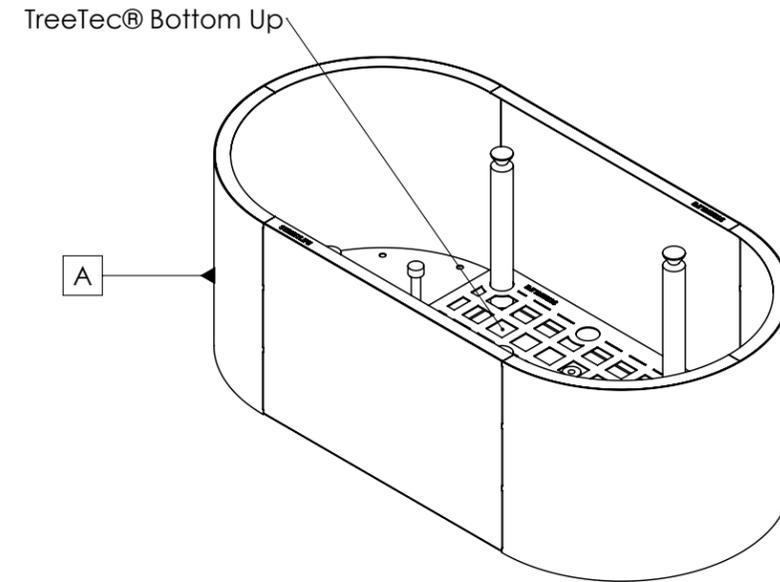
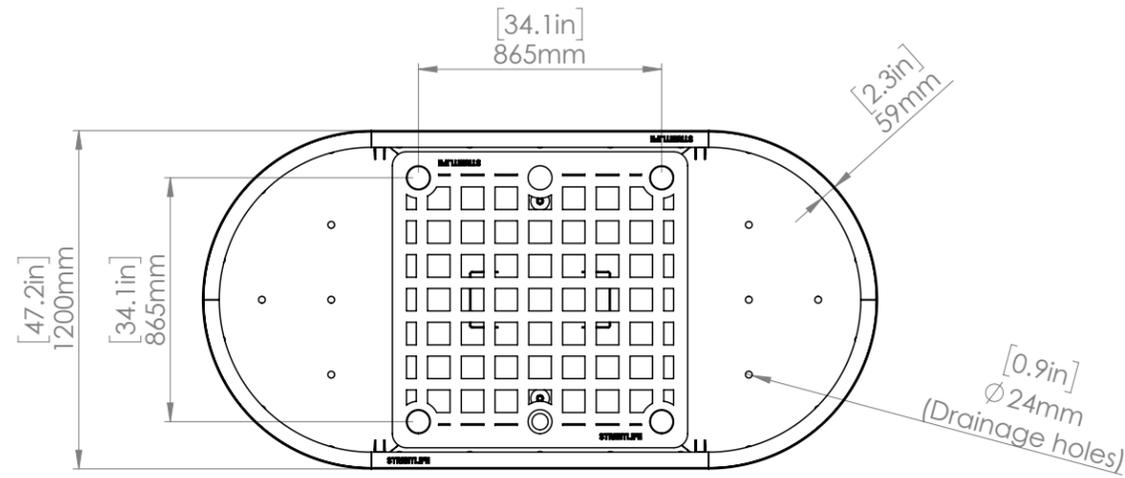
N/A: temporary+movable planter to be placed in roadway of DOT interim safety improvement projects

small: N/A, temporary planter for DOT interim projects  
medium: N/A, temporary+movable planter  
large: Y, meets permanent guidelines for street trees

# ABOVE-GROUND PLANTER USE CASES: DELINEATOR + ROUND PLANTERS



# CAPSULE TREE PLANTER DETAIL: STREETLIFE ADAPTED-SHRUBTUBS



TreeTec® Bottom Up comes with

- Straps for rootball anchoring
- Geotextile fabric
- Integrated water reservoir
- Capillary columns
- Filling pipe

<b>MATERIALS:</b>		
	Steel: Powdercoated steel	<b>A</b>
<b>DIMENSIONS:</b>		
	Metric units are leading	

<b>Drawing for approval</b>			
am. proj.	scale: 1:20	drawn by: sram	drawn date: 5/6/2021
	units: mm   inch	project: Downtown Brooklyn Public Realm - Brooklyn, NY	
	client:	project nr: <b>NA210283</b>	
<b>STREETLIFE D&amp;P</b> <sup>®</sup> Herengracht 36 T +31 (0) 71-3333333 2312 LD Leiden F +31 (0) 71-3333349 The Netherlands www.streetlife.nl		Item no: <b>PA-NA210283-001-R0</b>	
		Item name: <b>STUB-PL-CS-240-120-90-PC + TTBU-I</b>	
Design protected by int. Modeldepots & Patents			A3 1 of 1

# ABOVE-GROUND PLANTERS POTENTIAL LOCATIONS



### CAPSULE TREE PLANTERS

- supports trees and understory plantings
- expanded / wide sidewalks with heavy pedestrian flow where in-ground trees are not possible due to below-grade utilities and conflicts



### ROUND PLANTERS

- small: supports shrubs and understory plantings for placemaking
- large: supports trees in areas with subsurface conflicts
- cap ends of DOT interim projects
- plazas



### VESTRE POP SERIES

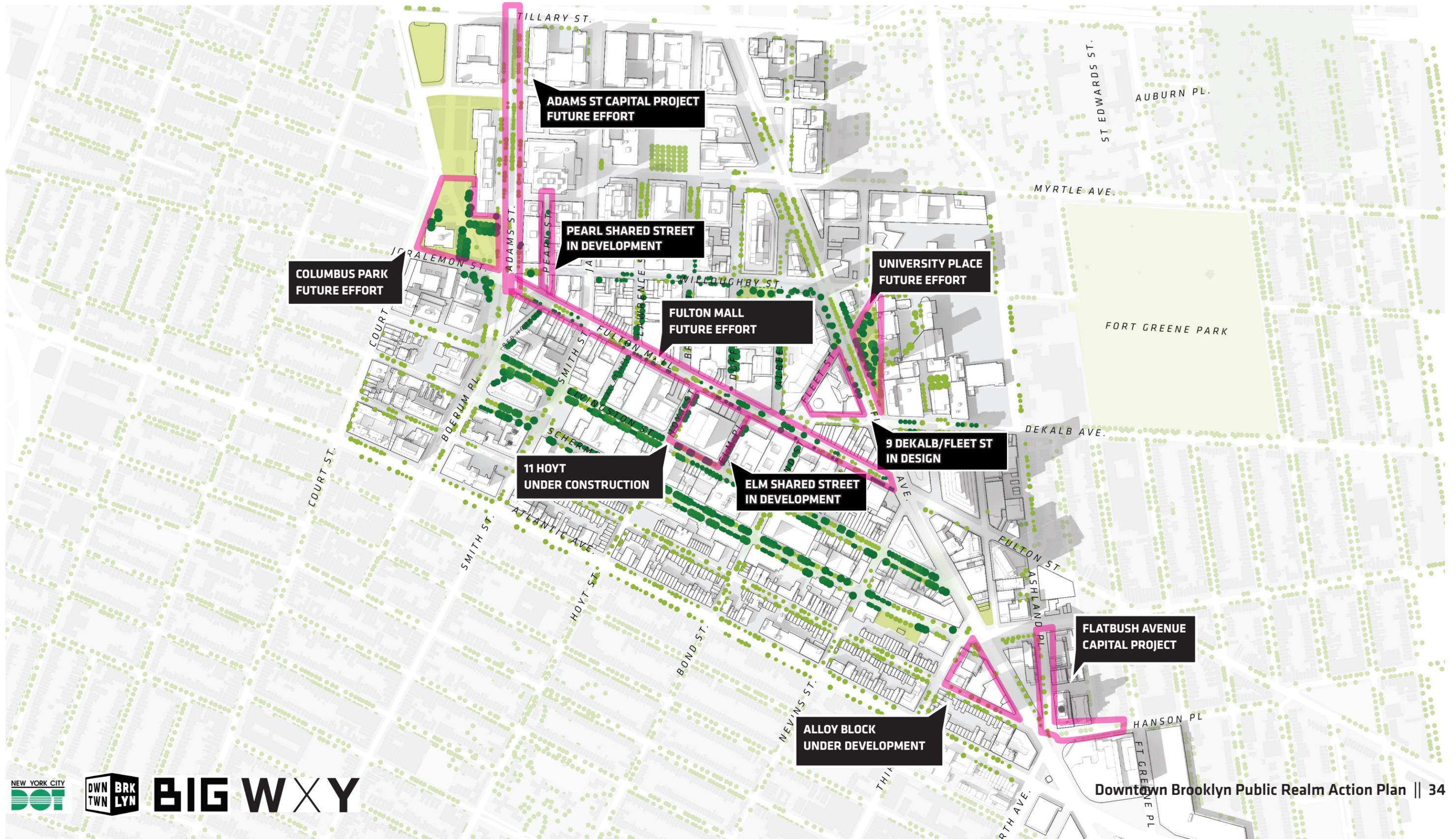
- supports shrubs and understory plantings for placemaking
- narrow sidewalks, plazas, and shared street curb extensions
- on roadway to delineate and protect bike lanes



# IMPLEMENTATION STRATEGY



# PROJECT LOCATIONS



# EARLY ACTION PROJECTS: 11 HOYT



# EARLY ACTION PROJECTS: 11 HOYT



# DEVELOPER-LED INITIATIVES: 9 DEKALB / FLEET ST



# DEVELOPER-LED INITIATIVES: ALLOY BLOCK + 100 FLATBUSH CONCEPT SKETCH



**CONCEPT SKETCH**

# SHARED STREET PILOTS (BID + DOT): ELM STREET



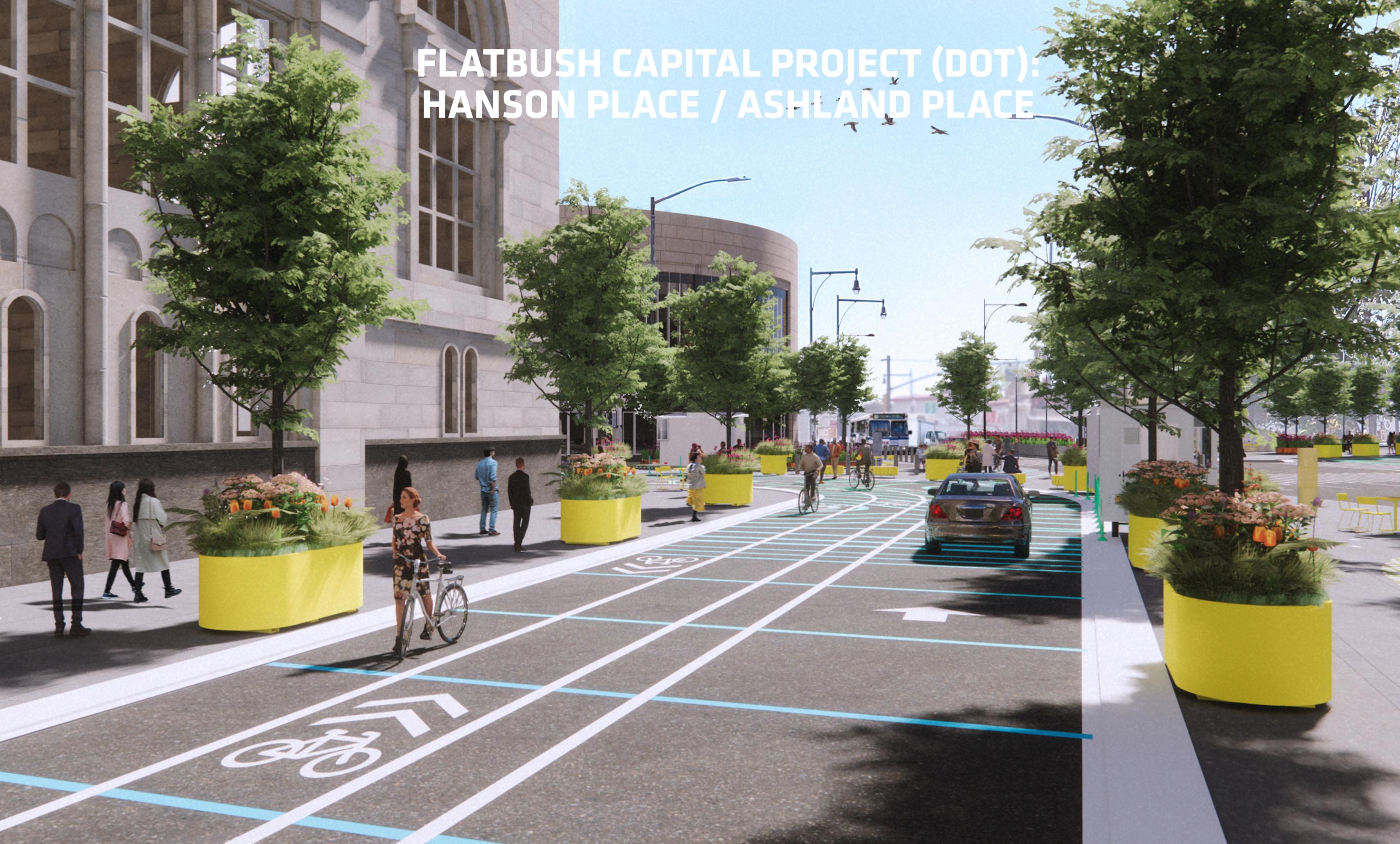
# SHARED STREET PILOTS (BID + DOT): PEARL STREET



# FLATBUSH CAPITAL PROJECT (DOT): ATLANTIC TERMINAL / LIRR ENTRANCE



# FLATBUSH CAPITAL PROJECT (DOT): HANSON PLACE / ASHLAND PLACE



# FUTURE EFFORTS: FULTON MALL GREENING + BUS/BIKE LOOP



# FUTURE EFFORTS: ADAMS STREET CAPITAL PROJECT



# FUTURE EFFORTS: UNIVERSITY PLACE



# FUTURE EFFORTS: UNIVERSITY PLACE



# FUTURE EFFORTS: COLUMBUS PARK



# FUTURE EFFORTS: COLUMBUS PARK



# DOWNTOWN BROOKLYN ACTION PLAN EARLY ACTION PROJECTS



ADAMS ST  
MULTI-MODAL  
CORRIDOR

GREEN  
DOWNTOWN  
WITH 1,000+  
NEW TREES

UNIVERSITY  
PLACE

PROTECTED  
BIKE LANES ALONG JAY  
STREET BUSWAY

DOWNTOWN  
PEDESTRIAN  
CORE

9 DEKALB

COLUMBUS  
PARK

RED  
HOOK LANE

GALLATIN PL

HOYT  
& ELM

GROVE  
GABLE

FULTON & LIVINGSTON BUS NETWORK

FLATBUSH AVE  
CAPITAL PROJECT

80  
FLATBUSH

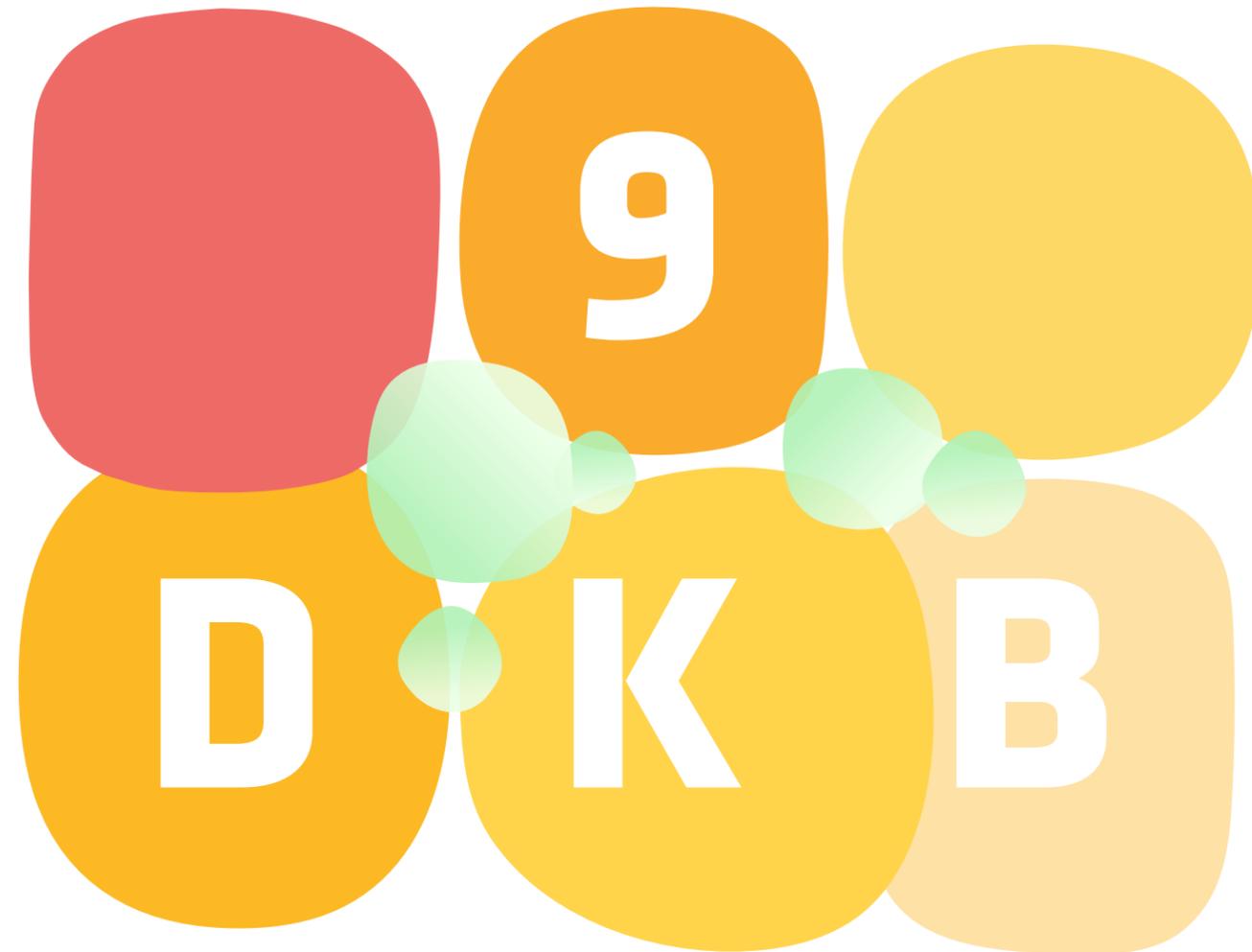
4TH  
& ATLANTIC

# DOWNTOWN BROOKLYN 2030



9 DEKALB





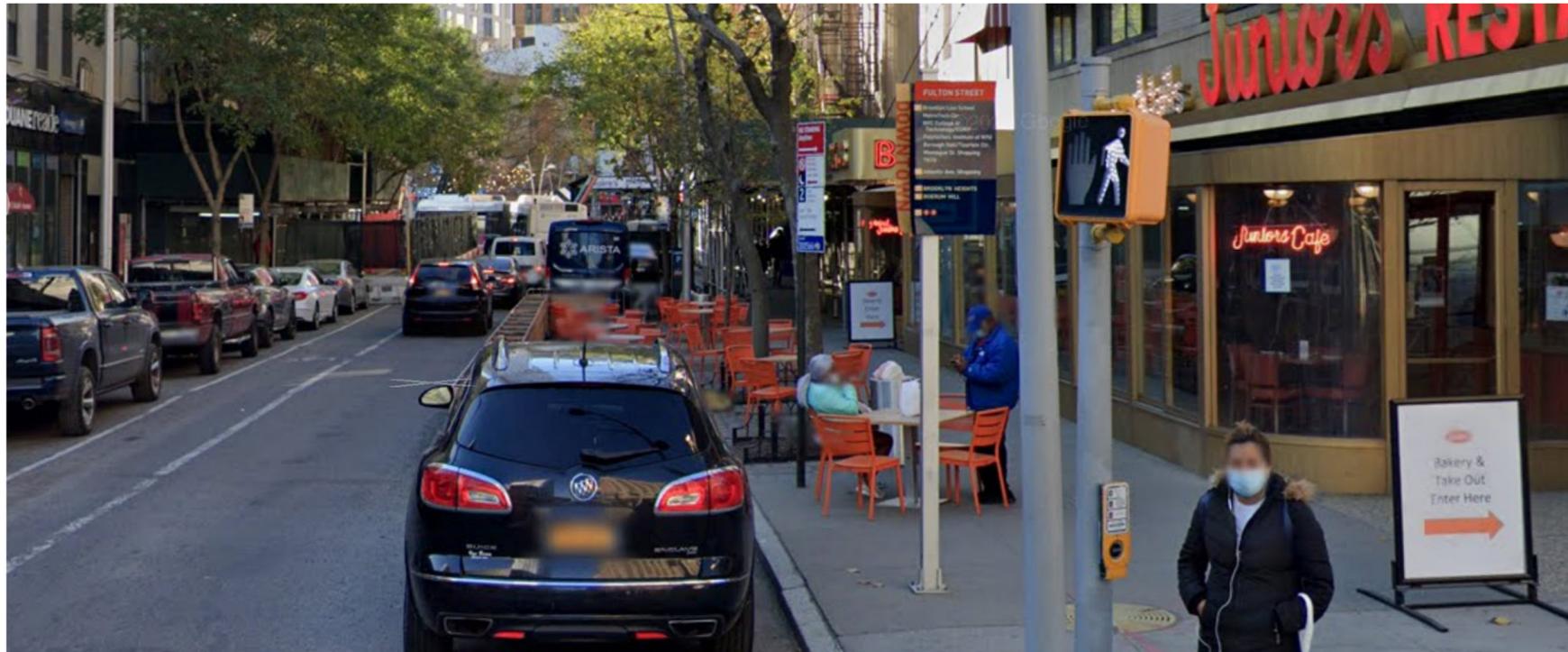
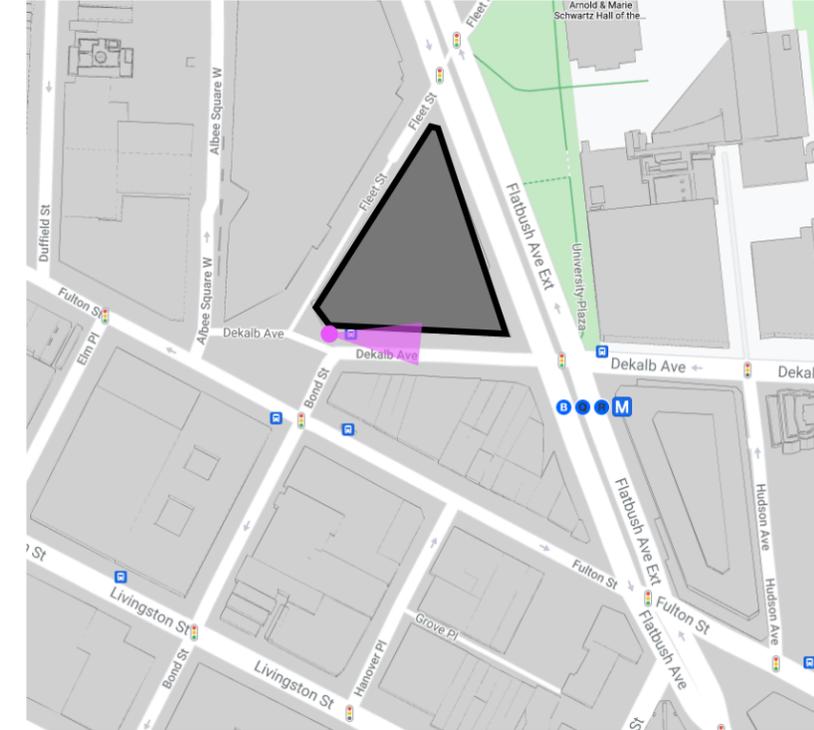
**9 DEKALB  
STREETScape IMPROVEMENTS**



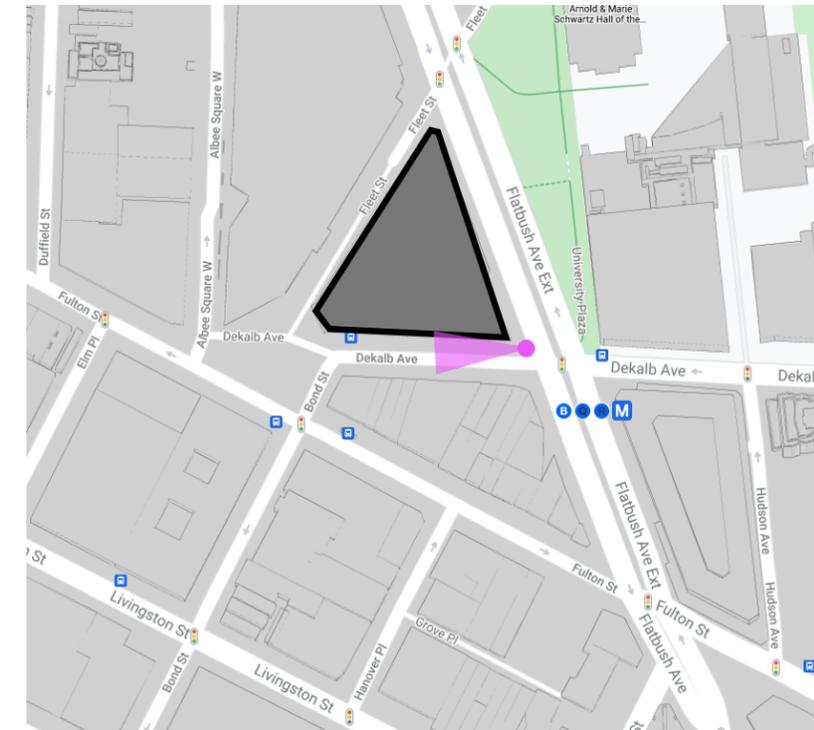
# DEKALB AVENUE EXISTING CONDITIONS



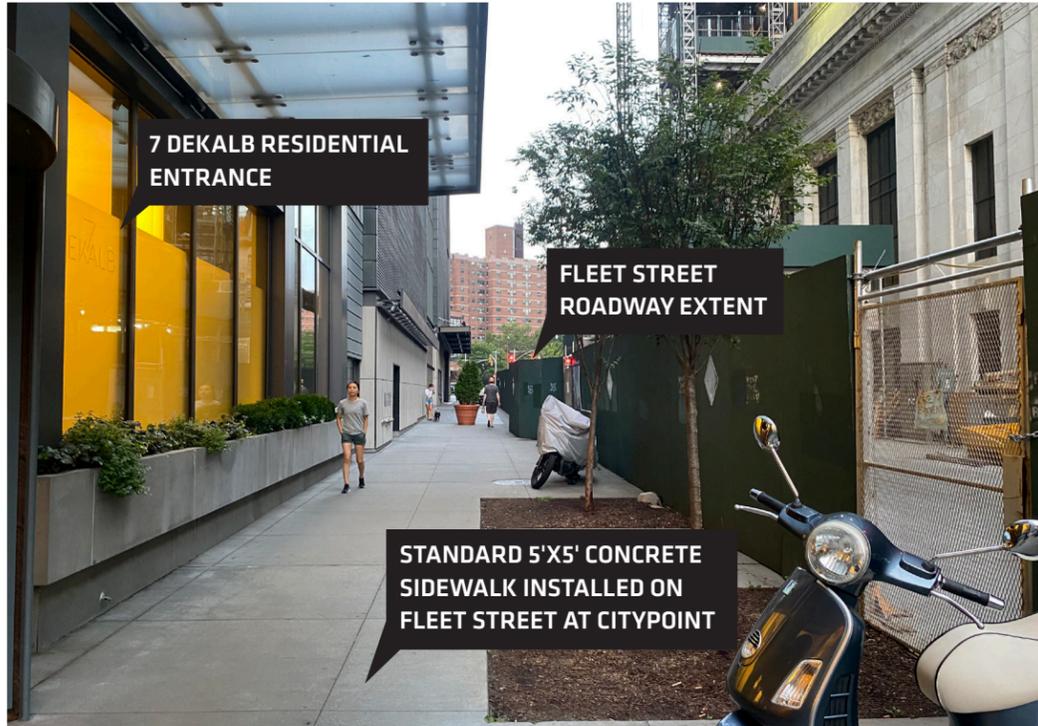
DEKALB AVENUE LOOKING TOWARDS FLATBUSH AVENUE



DEKALB AVENUE LOOKING TOWARDS ALBEE SQUARE



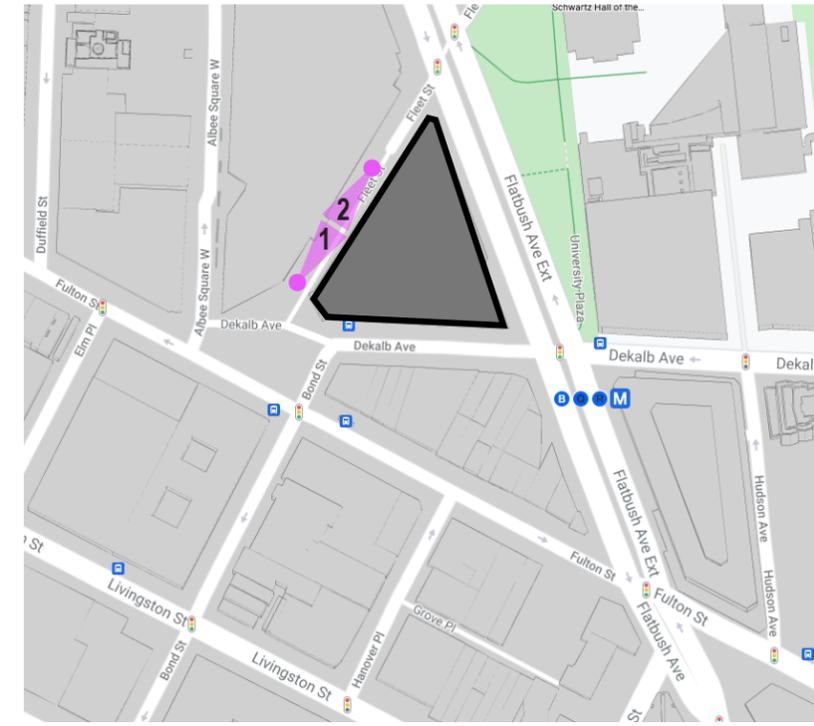
# FLEET STREET EXISTING CONDITIONS



1. FLEET STREET LOOKING TOWARDS FLATBUSH AVENUE



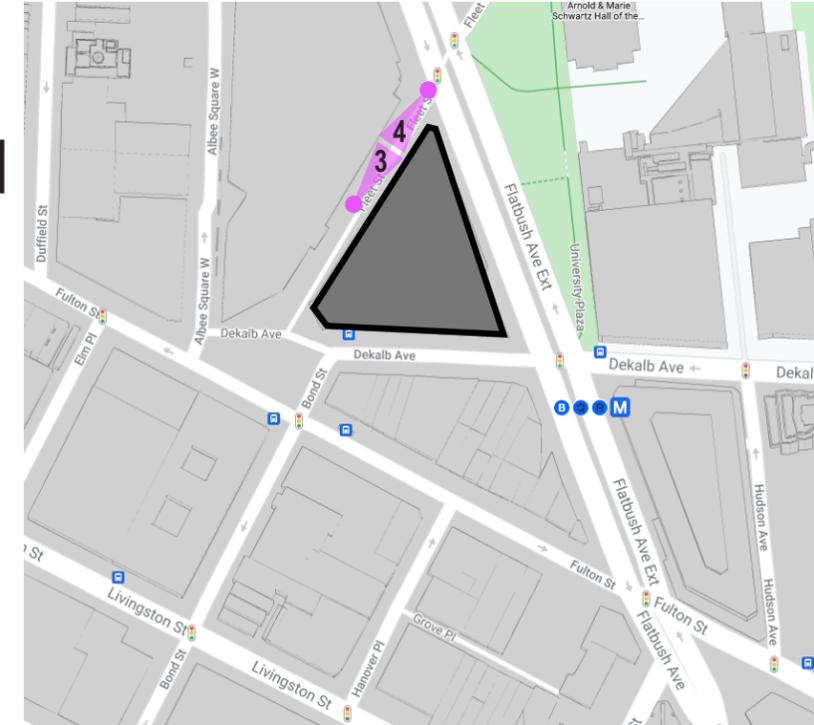
2. FLEET STREET LOOKING TOWARDS ALBEE SQUARE



3. FLEET STREET LOADING LOOKING TOWARDS FLATBUSH AVENUE



4. FLEET STREET LOADING LOOKING TOWARDS ALBEE SQUARE



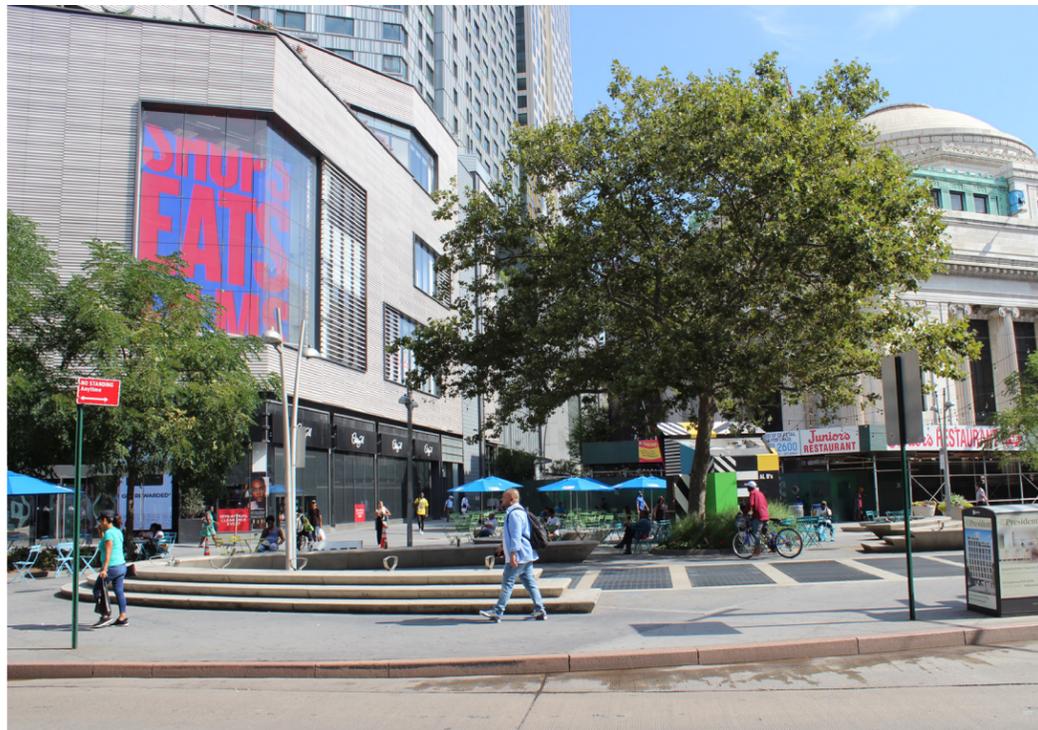
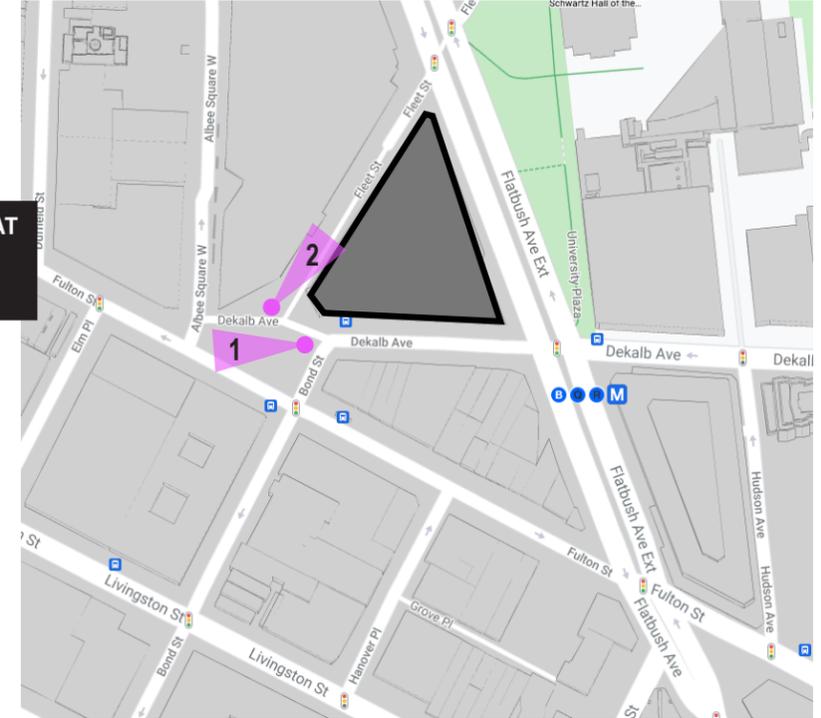
# ALBEE SQUARE EXISTING CONDITIONS



1. ALBEE SQUARE LOOKING WEST TOWARDS FULTON MALL



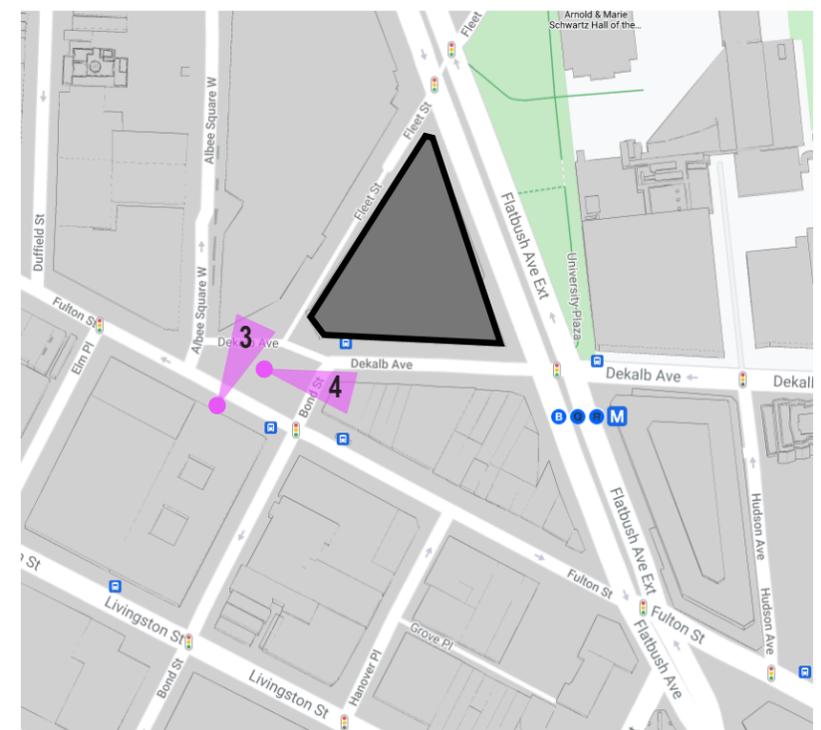
2. ALBEE SQUARE AT DIME SAVINGS



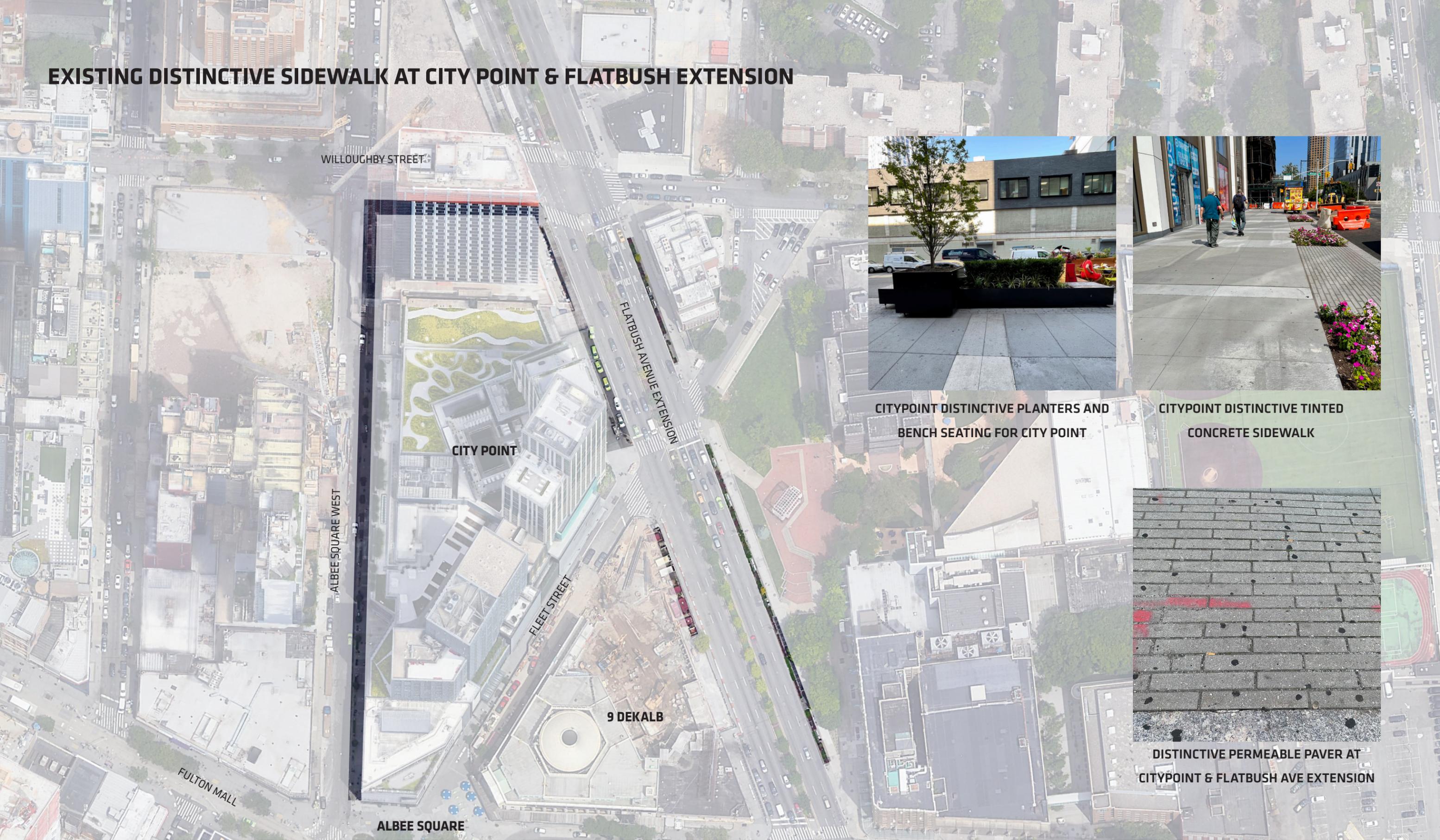
3. ALBEE SQUARE FROM FULTON MALL LOOKING TOWARDS DIME SAVINGS



4. ALBEE SQUARE LOOKING WEST TOWARDS DEKALB AVE



# EXISTING DISTINCTIVE SIDEWALK AT CITY POINT & FLATBUSH EXTENSION



WILLOUGHBY STREET

CITY POINT

9 DEKALB

ALBEE SQUARE

FULTON MALL

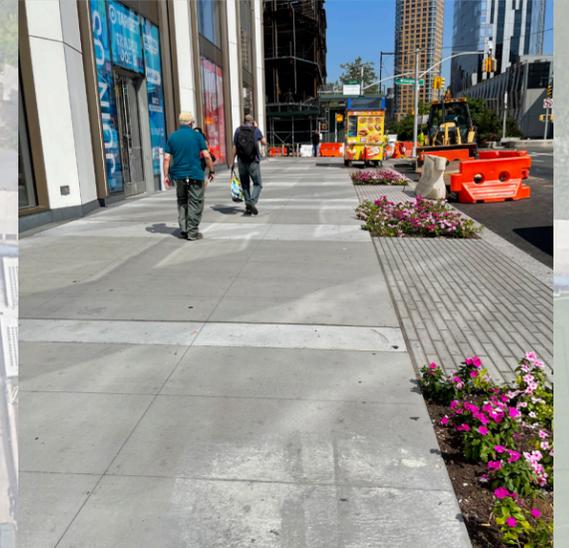
ALBEE SQUARE WEST

FLEET STREET

FLATBUSH AVENUE EXTENSION



CITYPOINT DISTINCTIVE PLANTERS AND BENCH SEATING FOR CITY POINT



CITYPOINT DISTINCTIVE TINTED CONCRETE SIDEWALK



DISTINCTIVE PERMEABLE PAVER AT CITYPOINT & FLATBUSH AVE EXTENSION

# 9 DEKALB AVENUE



AERIAL RENDERING



FLATBUSH AVENUE



CORNER OF FLATBUSH AVENUE & FLEET STREET

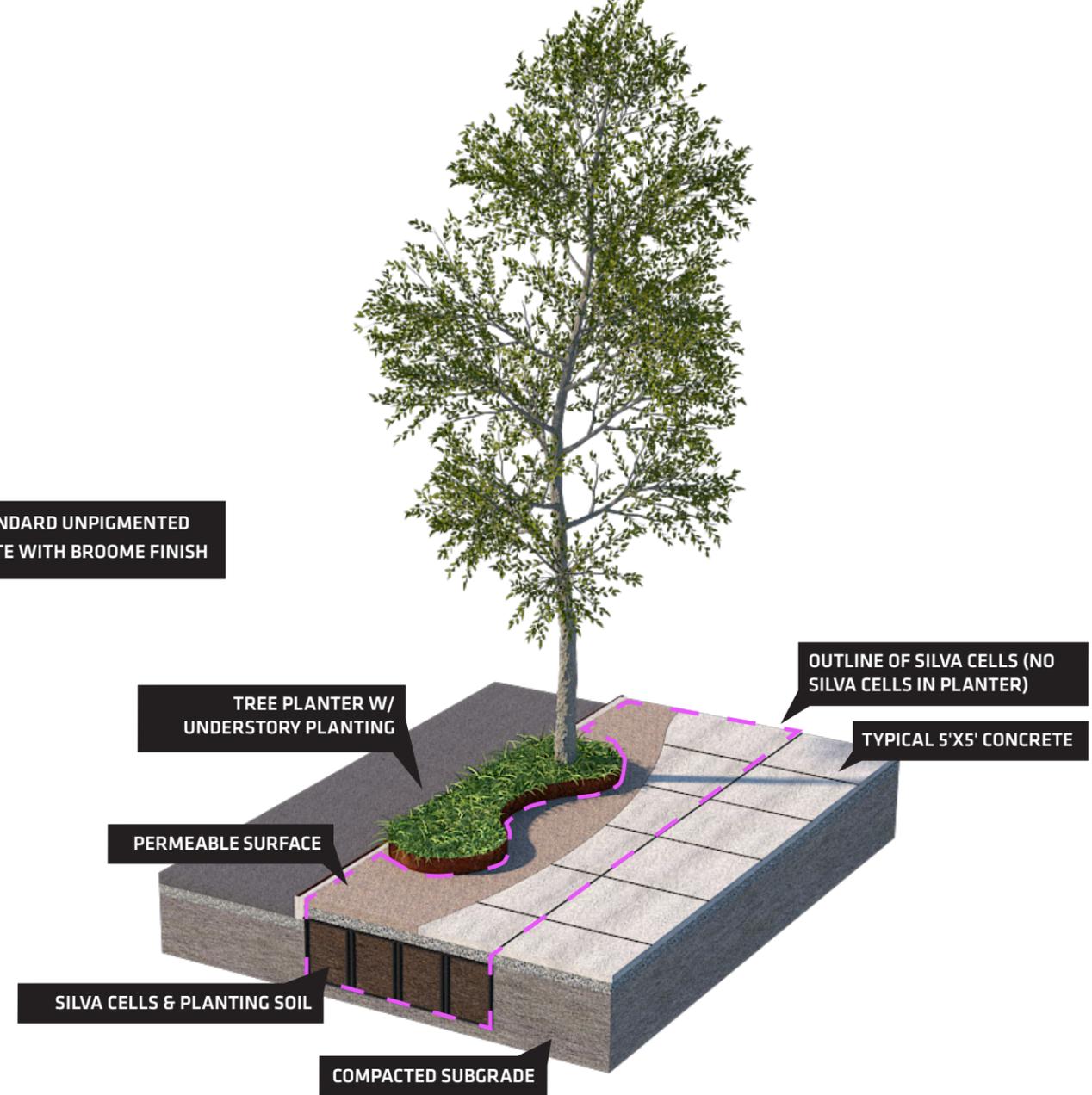


CONSTRUCTION PHOTO

# PROPOSED STREETScape DISTINCTIVE SIDEWALK CONCEPT



FLATBUSH AVENUE AXON OF EXISTING SIDEWALK AND DISTINCTIVE SIDEWALK ABUTMENT



CONTINUOUS TREE PIT AT PERMEABLE SURFACES

## DISTINCTIVE MATERIAL PALETTE



permeable pavers

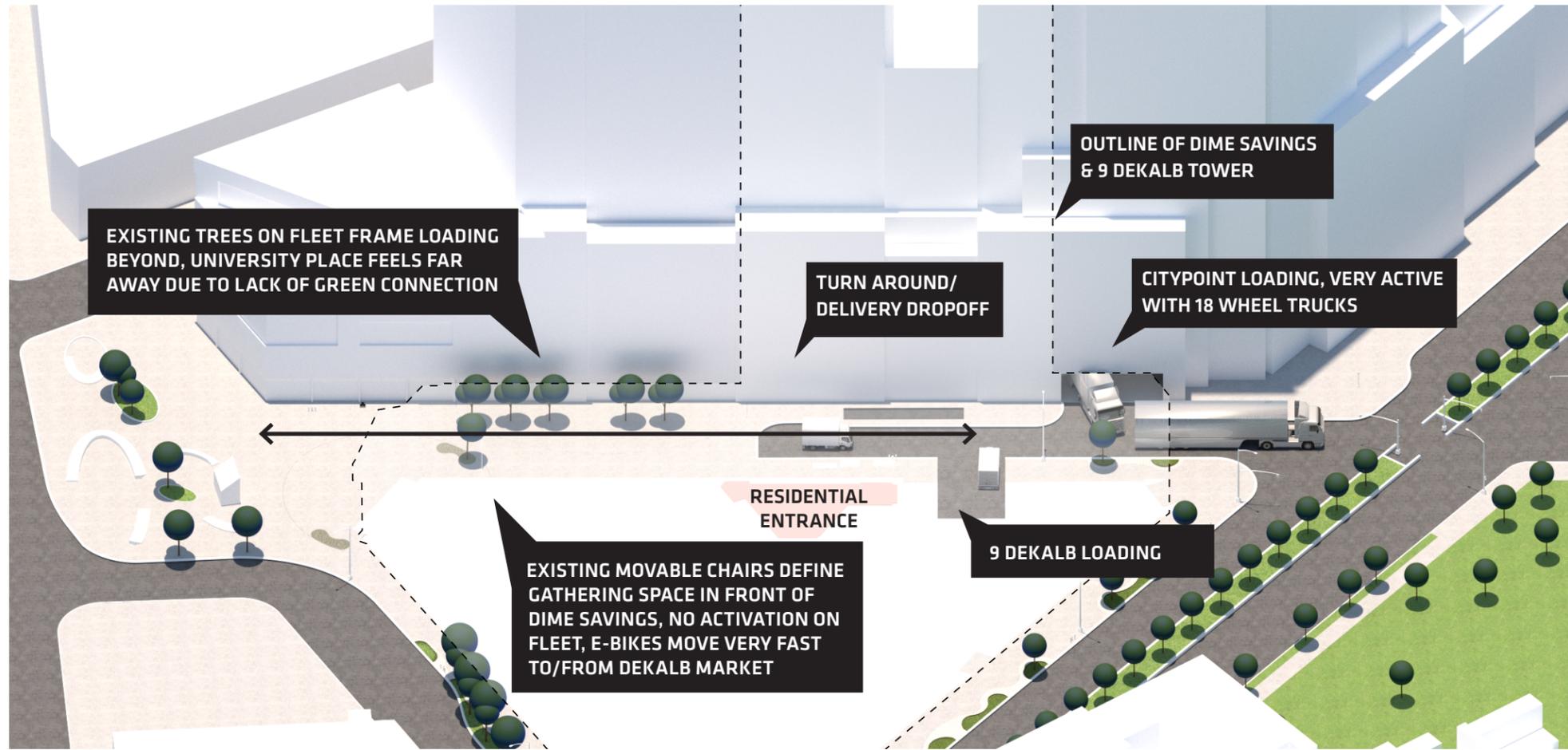


corten steel planter guard



integrated bench

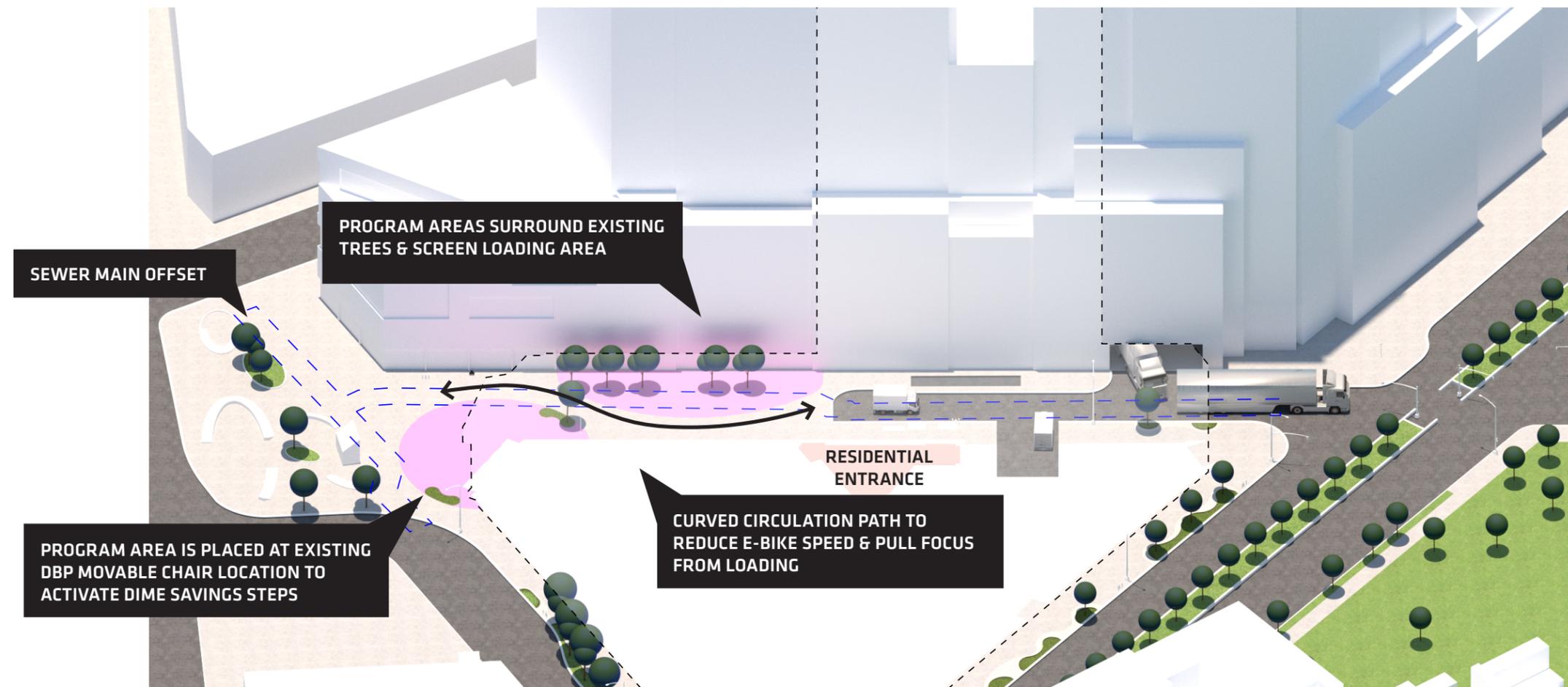
# PROPOSED PEDESTRIAN STREET CONCEPT



**FLEET STREET EXISTING LOADING/BACK OF HOUSE STREET**

Currently Fleet Street feels like a loading zone/back of house street used by pedestrians as a connection between the Fulton Mall and Flatbush Avenue. There is little beautification or place to stop, rest and activate the public realm.

## PROPOSED PEDESTRIAN STREET CONCEPT



### FLEET STREET ALBEE SQUARE EXTENSION

The proposed design creates new zones in the same language of Albee Square to create pockets of activation with enhanced greening and seating. These areas will draw people further in from Albee Square down Fleet Street. The curvilinear geometry of these zones helps to screen the loading dock beyond by adding trees, raised planters and activating with people focus is placed on the new public realm spaces instead of the loading docks. The design also serves to slow down e-bikes.

# PROPOSED PEDESTRIAN STREET CONCEPT



**FLEET STREET MICRO FOREST**



**RAISED TREE IN PLANTER**



**INGROUND TREE**



**EXISTING TREE**

The proposed design includes 25 new trees and 6,200 square feet of permeability to create new pockets for the public to enjoy increased shade & biodiversity.

## DISTINCTIVE MATERIAL PALETTE



decomposed granite

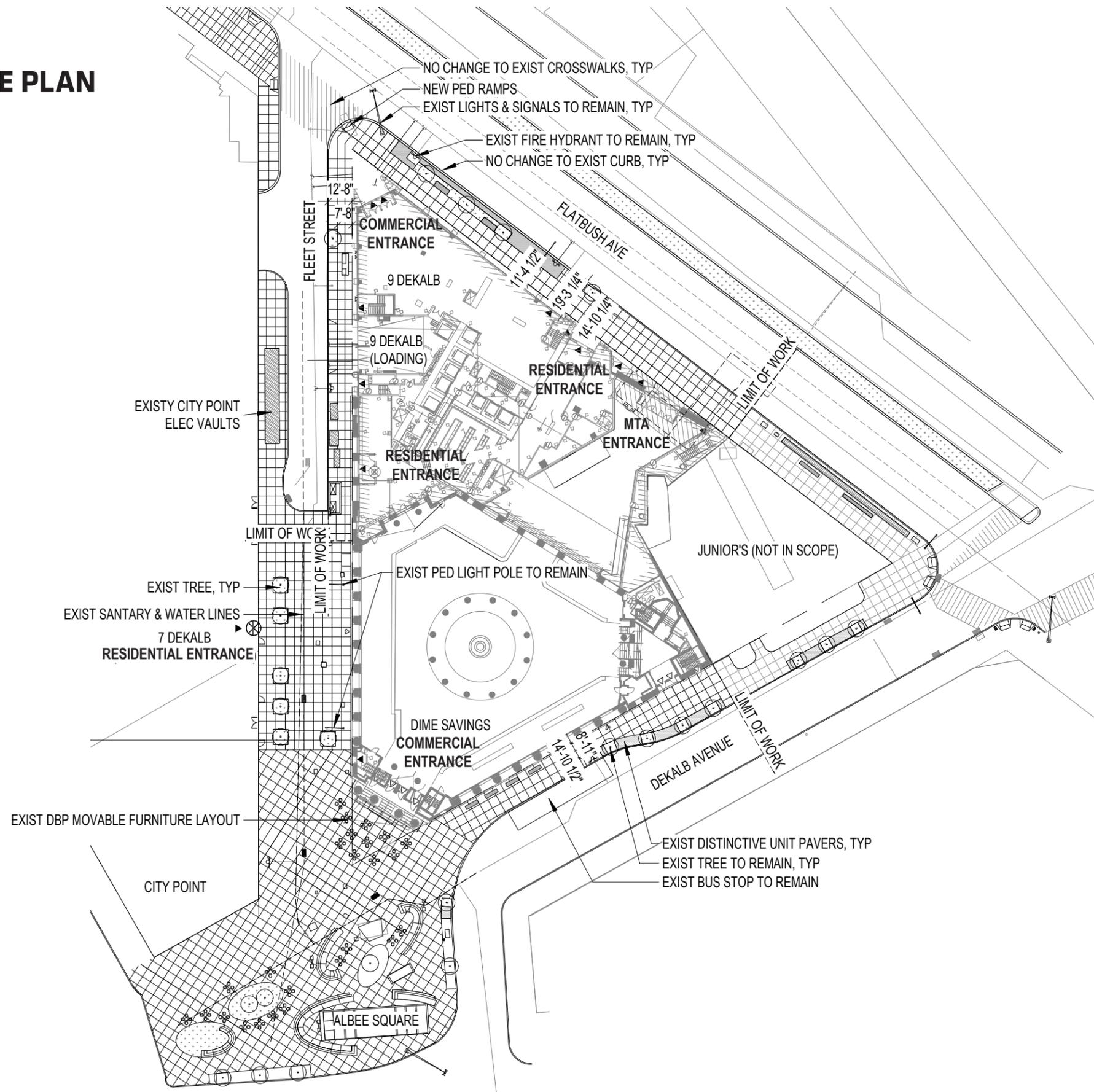


raised movable planters



movable seating

# EXISTING SITE PLAN

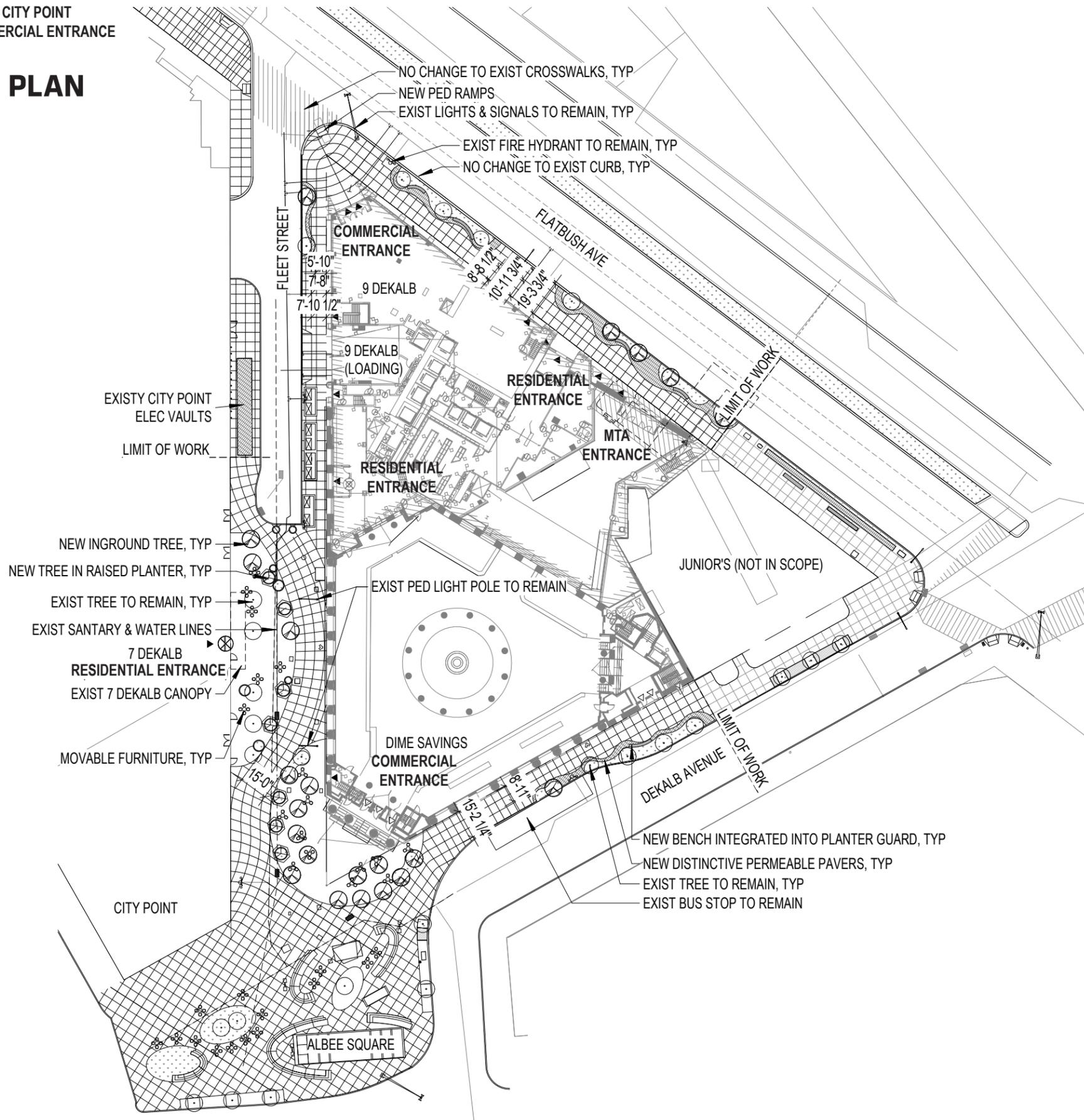


## LEGEND

- PROPERTY LINE
- ▲ ENTRANCE
- ▨ EXISTING DISTINCTIVE PAVERS FLATBUS AVENUE
- ▨ EXISTING DISTINCTIVE PAVERS FULTON MALL
- ⊙ EXISTING TREE
- ⊠ EXISTING STANDARD SIDEWALK
- ▬ EXISTING BENCH
- ⊙ EXISTING HYDRANT
- ∩ EXISTING SIAMESE CONNECTION
- EXISTING STREET LIGHT
- ⊠ EXISTING SIGNAL
- ▨ EXISTING GRATE
- ▭ EXISTING PED RAMP

# PROPOSED SITE PLAN

CITY POINT  
COMMERCIAL ENTRANCE



CITY POINT  
COMMERCIAL ENTRANCE  
ON ALBEE SQUARE WEST

## LEGEND

- PROPERTY LINE
- ▲ ENTRANCE
- ▨ PROPOSED DISTINCTIVE PAVERS
- PROPOSED DECOMPOSED GRANITE
- ⊗ PROPOSED TREE
- ⊘ PROPOSED UNDERSTORY PLANTING
- ⊙ PROPOSED MOVABLE PLANTER
- ⌒ PROPOSED BENCH
- ⊕ PROPOSED MOVABLE TABLES & CHAIRS
- ▤ PROPOSED STANDARD SIDEWALK
- ▨ EXISTING DISTINCTIVE PAVERS FULTON MALL
- ⊙ EXISTING TREE
- ▤ EXISTING STANDARD SIDEWALK
- ▬ EXISTING BENCH
- ⊕ EXISTING HYDRANT
- ⋈ EXISTING SIAMESE CONNECTION
- ⌒ EXISTING STREET LIGHT
- ⊕ EXISTING SIGNAL
- ▨ EXISTING GRATE
- ⌒ EXISTING PED RAMP

# PROPOSED PLANTING PLAN

18 EXISTING TREES

29 PROPOSED TREES

CITY POINT  
COMMERCIAL ENTRANCE  
ON ALBEE SQUARE WEST

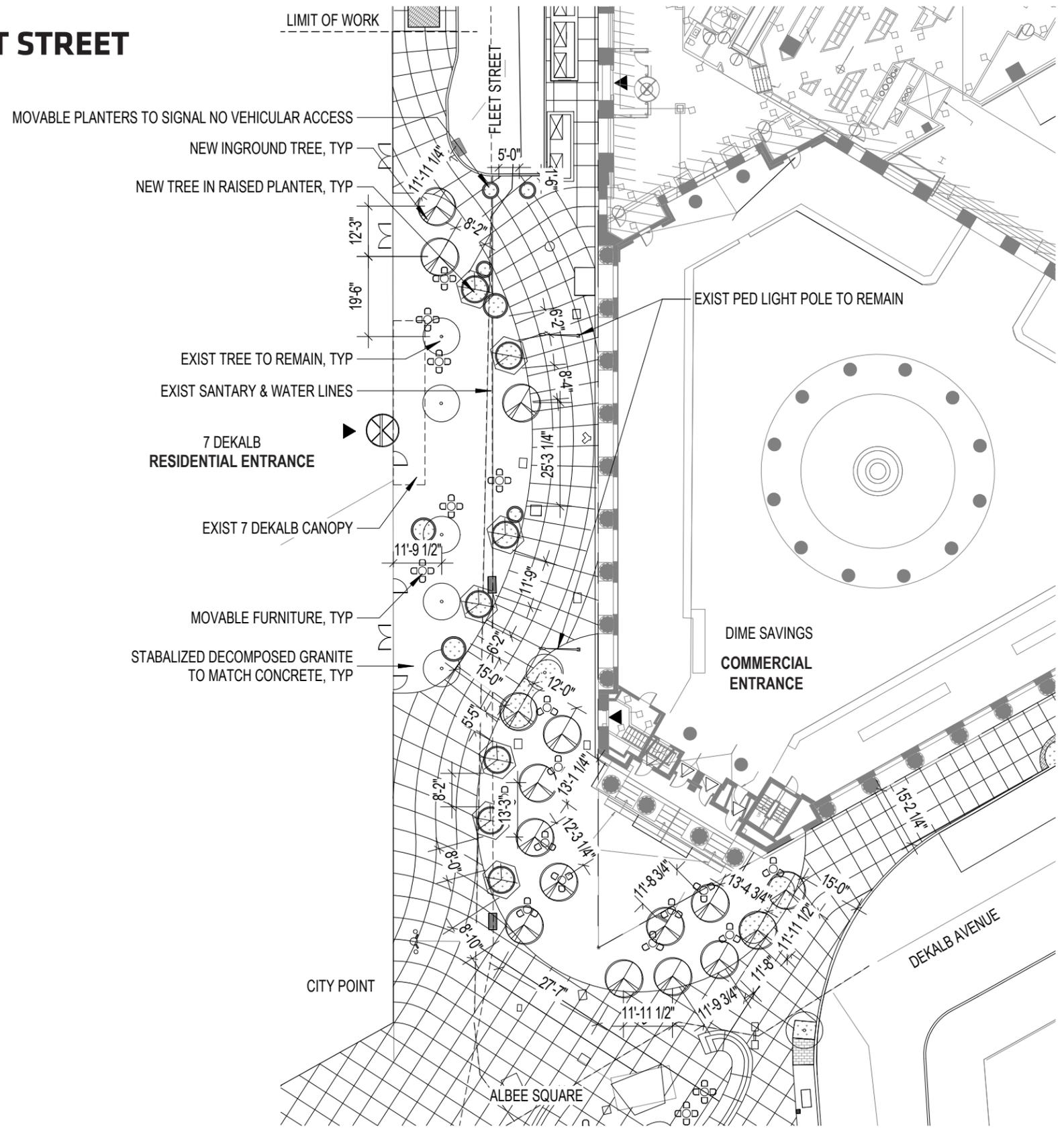
7 DEKALB  
RESIDENTIAL ENTRANCE



### LEGEND

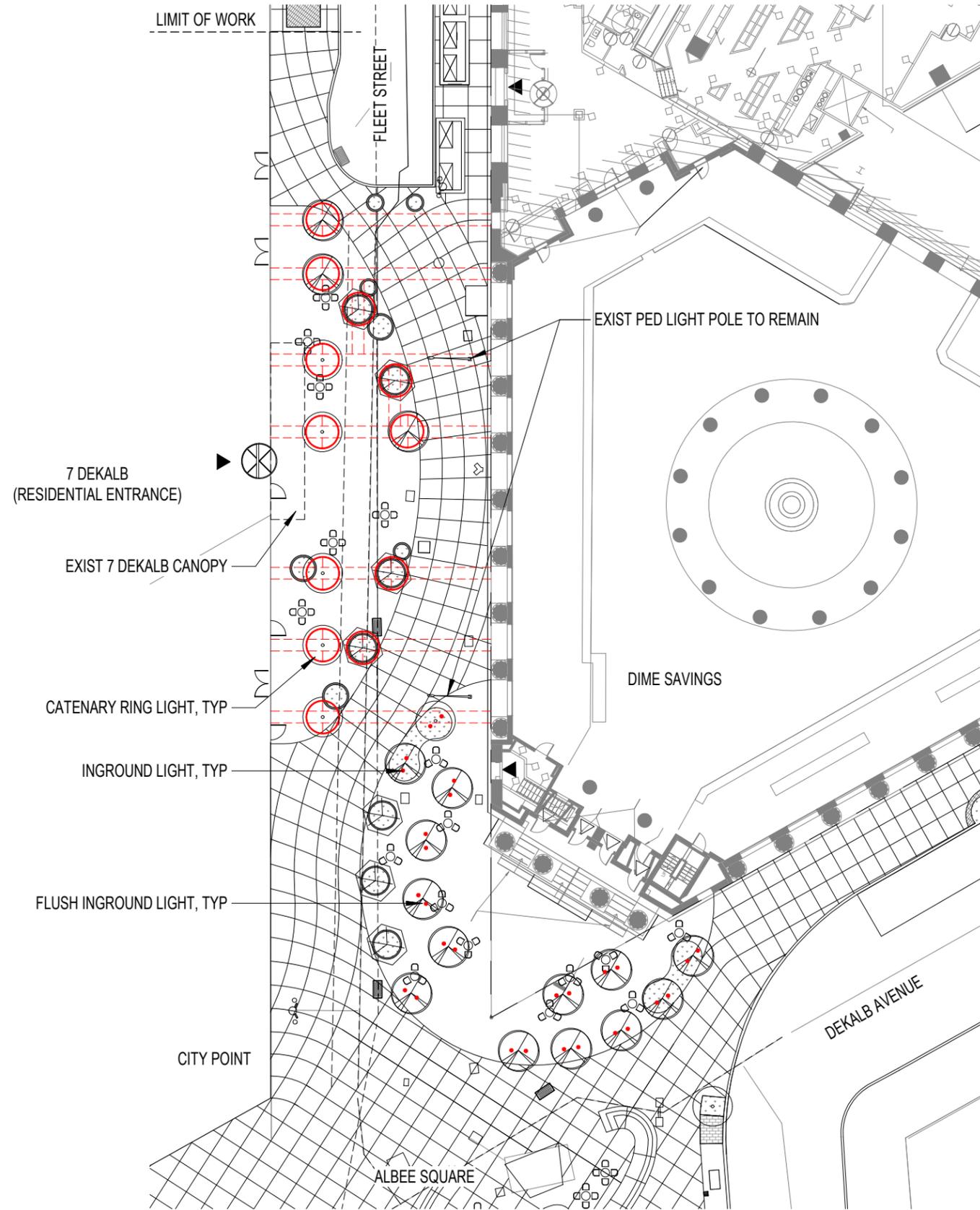
- ULMUS AMERICANA
- GYMNOCLADUS DIOICUS
- QUERCUS PHELLOS
- CORNUS FLORIDA
- FULL SHADED PLANTING
- PART SUN PLANTING

# ENLARGED PLAN FLEET STREET



- LEGEND**
- PROPERTY LINE
  - ▲ ENTRANCE
  - ▨ PROPOSED DISTINCTIVE PAVERS
  - PROPOSED DECOMPOSED GRANITE
  - PROPOSED TREE
  - ▤ PROPOSED UNDERSTORY PLANTING
  - ⊕ PROPOSED MOVABLE PLANTER
  - PROPOSED BENCH
  - ⊕ PROPOSED MOVABLE TABLES & CHAIRS
  - PROPOSED STANDARD SIDEWALK
  - ▨ EXISTING DISTINCTIVE PAVERS FULTON MALL
  - EXISTING TREE
  - EXISTING STANDARD SIDEWALK
  - EXISTING BENCH
  - ⊕ EXISTING HYDRANT
  - ⋈ EXISTING SIAMESE CONNECTION
  - EXISTING STREET LIGHT
  - ⊕ EXISTING SIGNAL
  - ▨ EXISTING GRATE
  - ⊕ EXISTING PED RAMP

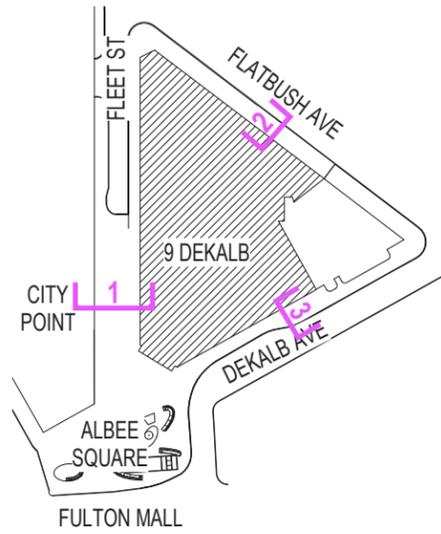
# PROPOSED LIGHTING PLAN



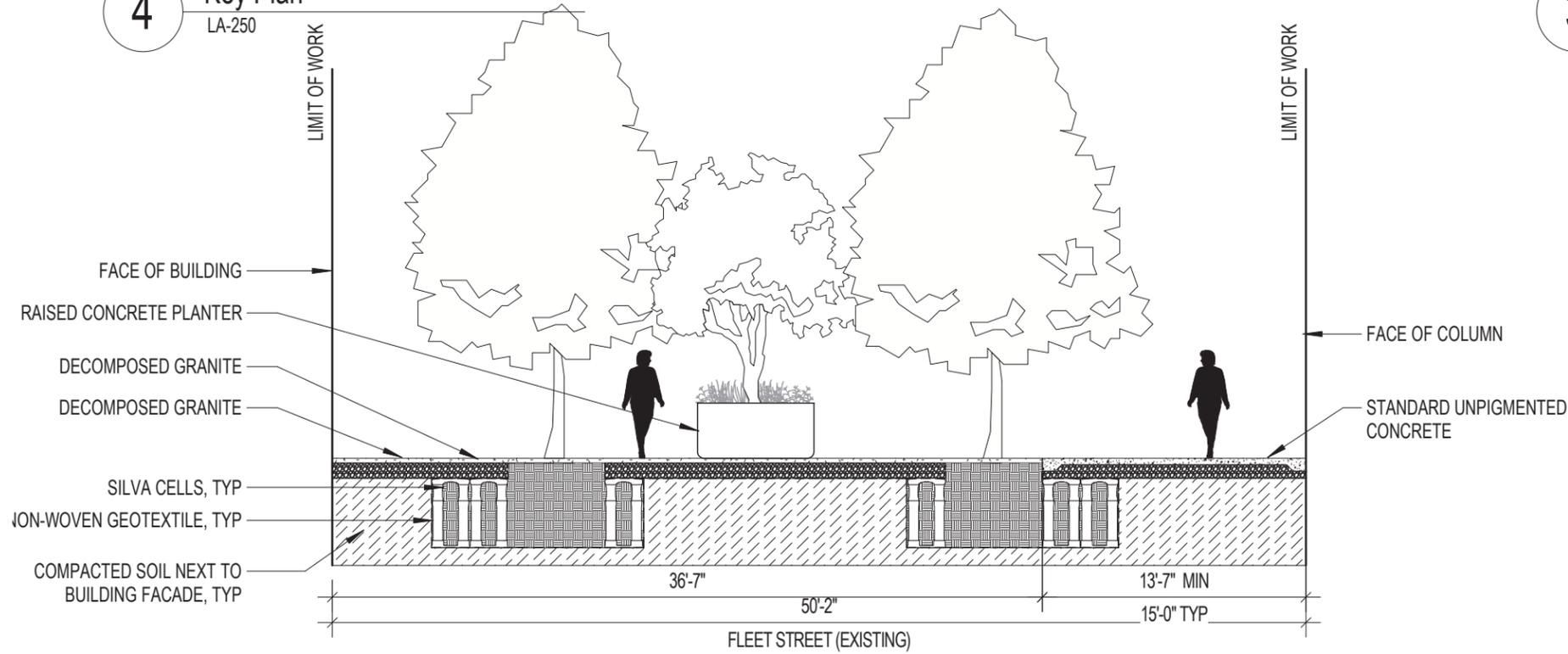
## LEGEND

- PROPERTY LINE
- ▲ ENTRANCE
- ▨ PROPOSED DISTINCTIVE PAVERS
- PROPOSED DECOMPOSED GRANITE
- PROPOSED TREE
- ◻ PROPOSED UNDERSTORY PLANTING
- ⊕ PROPOSED MOVABLE PLANTER
- EXISTING TREE
- PROPOSED RING LIGHT
- PROPOSED INGROUND LIGHT

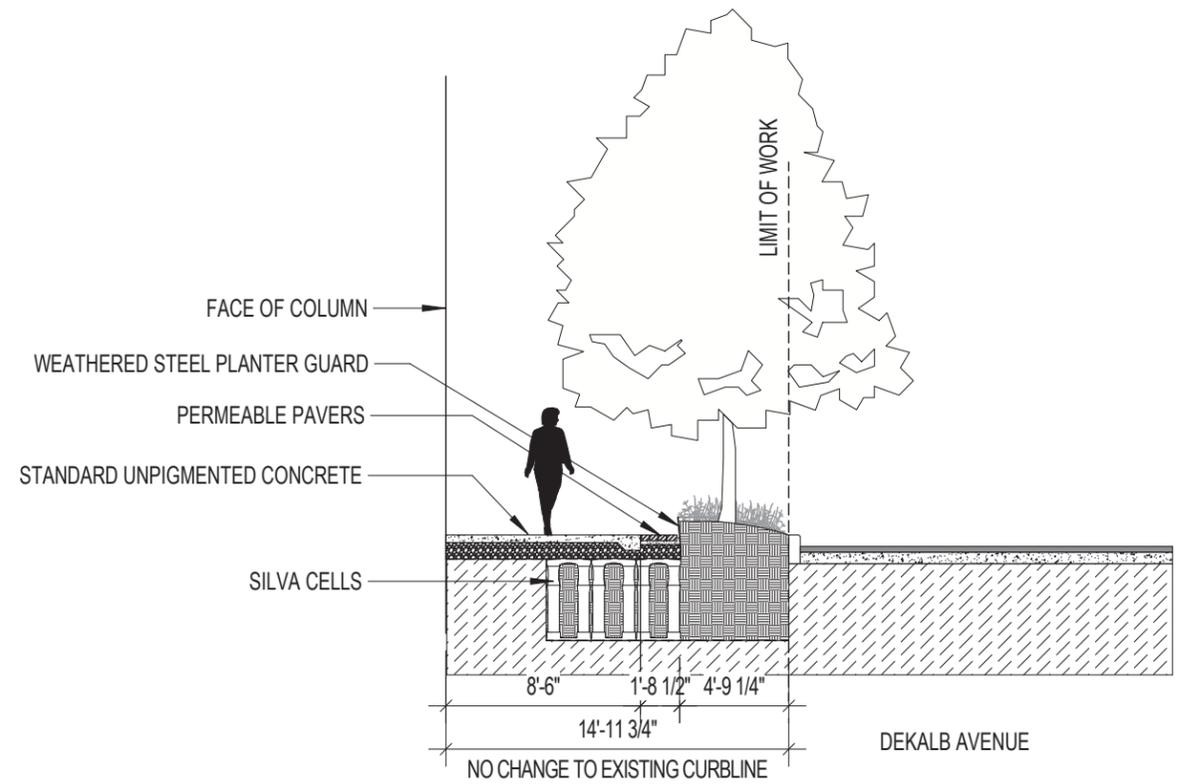
# PROPOSED SITE SECTIONS



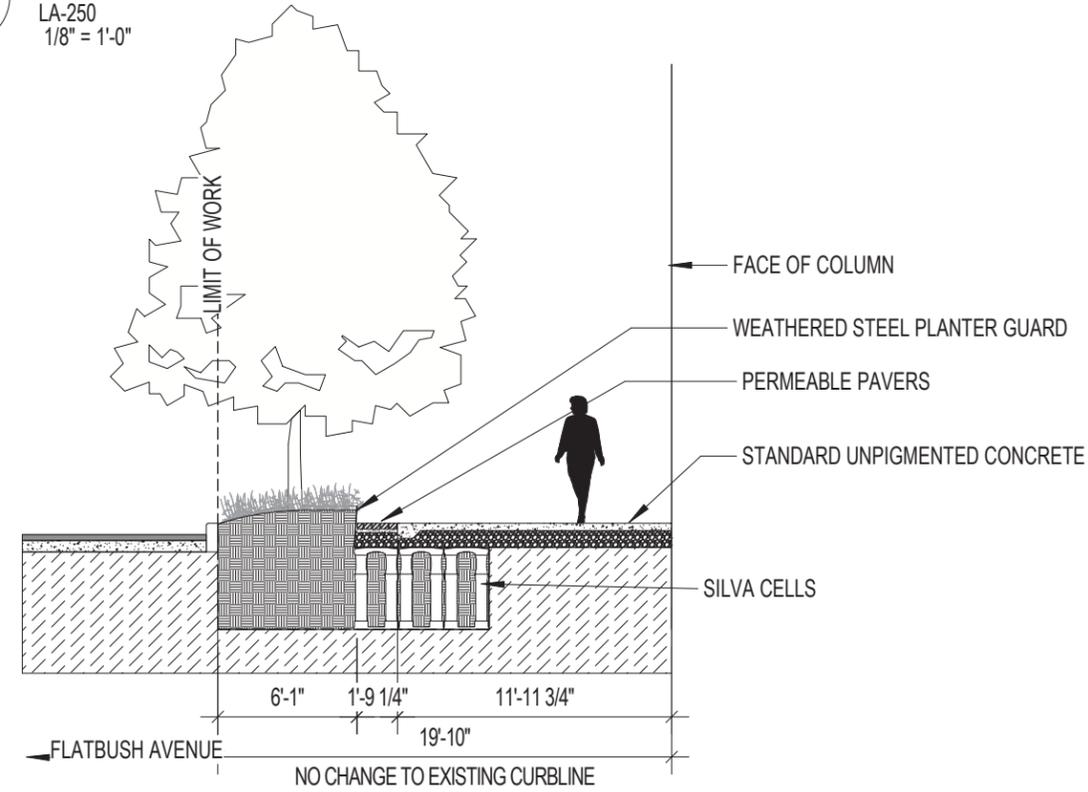
**4** Key Plan  
LA-250



**1** SECTION @ FLEET STREET PLANTER  
LA-250  
1/8" = 1'-0"



**3** SECTION @ DEKALB AVENUE PLANTING  
LA-250  
1/8" = 1'-0"

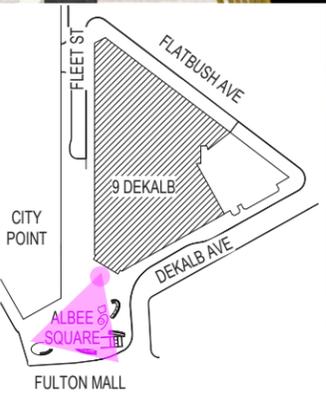


**2** SECTION @ FLATBUSH AVENUE PLANTER  
LA-250  
1/8" = 1'-0"



MOVABLE CONCRETE PLANTERS

DECOMPOSED GRANITE TO MATCH ALBEE SQUARE CONCRETE COLOR



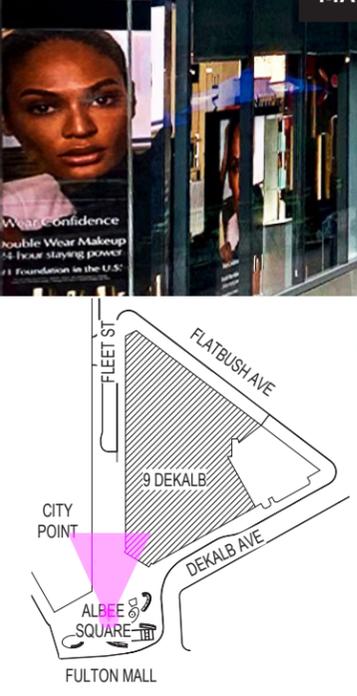


DECOMPOSED GRANITE TO MATCH CONCRETE SIDEWALK COLOR

CATENARY RING LIGHT

MOVABLE CONCRETE PLANTERS

DOT STANDARD UNPIGMENTED CONCRETE WITH BROOM FINISH



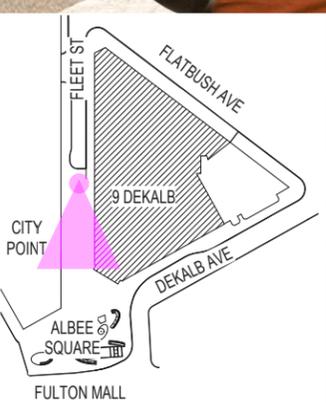


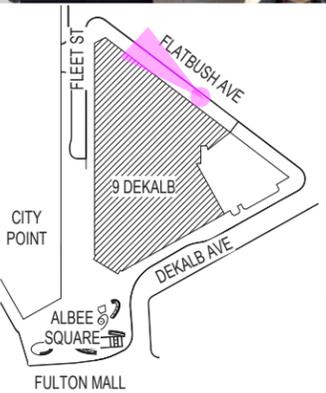
CATENARY RING LIGHT

DOT STANDARD UNPIGMENTED CONCRETE WITH BROOM FINISH

DECOMPOSED GRANITE TO MATCH CONCRETE SIDEWALK COLOR

MOVABLE CONCRETE PLANTERS





PERMEABLE PAVER

DOT STANDARD UNPIGMENTED CONCRETE WITH BROOM FINISH

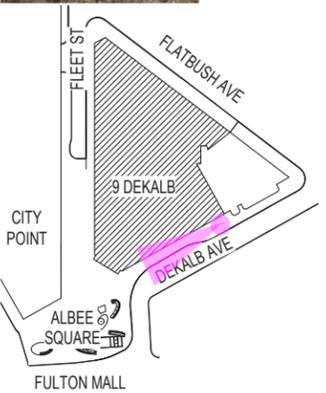
CORTEN STEEL PLANTER GUARD



CORTEN STEEL  
PLANTER GUARD

PERMEABLE PAVER

DOT STANDARD UNPIGMENTED  
CONCRETE WITH BROOM FINISH



# DISTINCTIVE SIDEWALK MATERIALS

FINAL SELECTION DEPENDENT ON  
PDC INPUT, COST, AND AVAILABILITY



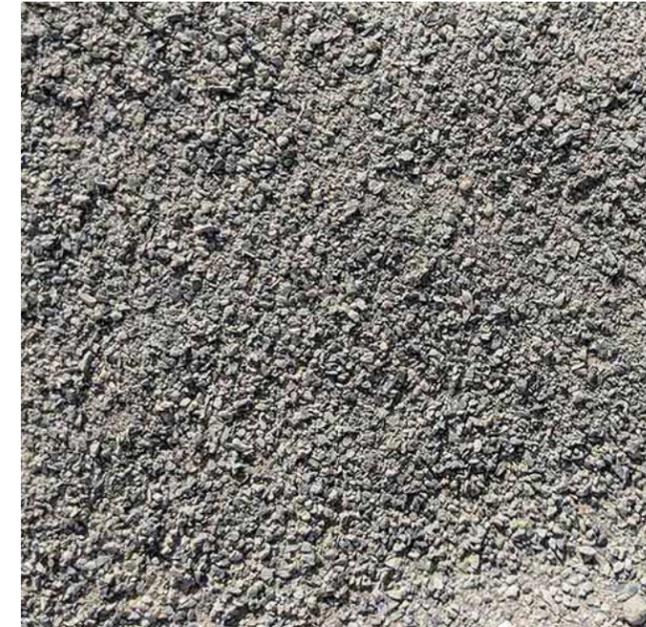
## PERMEABLE PAVER OPTION 1

- ADA COMPLIANT 1/2" GAP MAX FILLED WITH SAND
- MINIMAL MAINTENANCE
- 4" X 4" X 3" UNIT CONCRETE PAVER, COLOR/FINISH TBD, MINIMAL CUTTING/LOSS OF MATERIAL



## PERMEABLE PAVER OPTION 2

- ADA COMPLIANT 1/2" GAP MAX FILLED WITH SAND
- MINIMAL MAINTENANCE
- 4" X 4" X 4" BLOCK UNIT, MINIMAL CUTTING/LOSS OF MATERIAL



## STABILIZED DECOMPOSED GRANITE

- ADA COMPLIANT
- MINIMAL MAINTENANCE
- NO CUTTING/LOSS OF MATERIAL
- TO MATCH UNPIGMENTED CONCRETE COLOR

# DECOMPOSED GRANITE REFERENCE IMAGES



**BROOKLYN BRIDGE PARK**



**MADISON SQUARE PARK**



**BRYANT PARK**



**BROOKLYN BRIDGE PARK**



**LINCOLN CENTER BOSQUE**



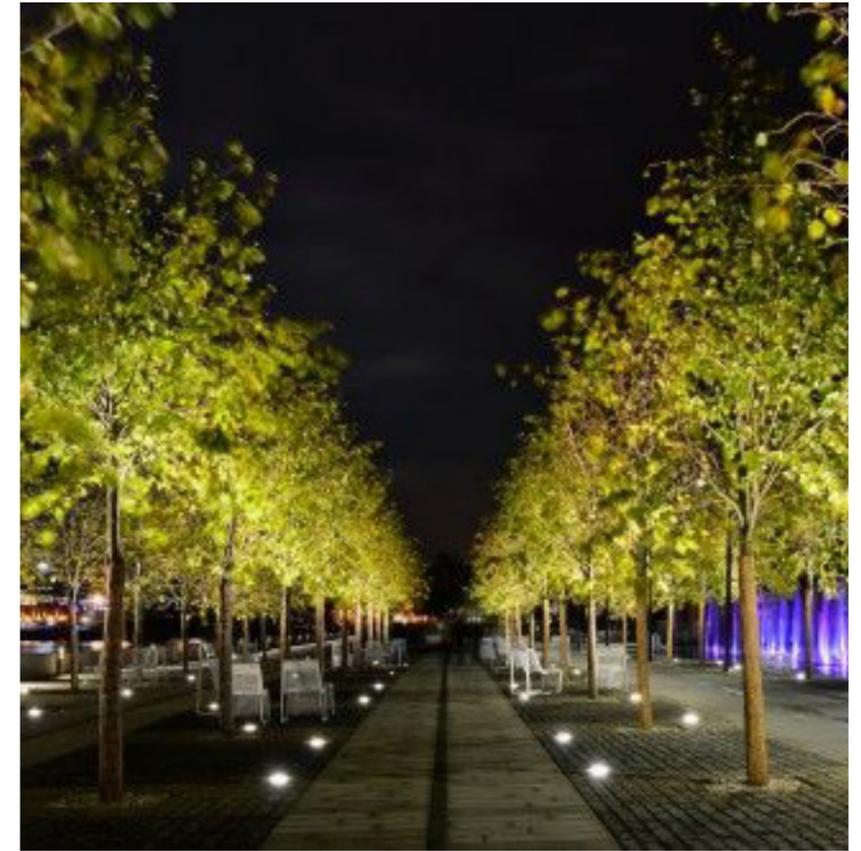
**THE EDGE, BROOKLYN**



EXISTING PEDESTRIAN POLE



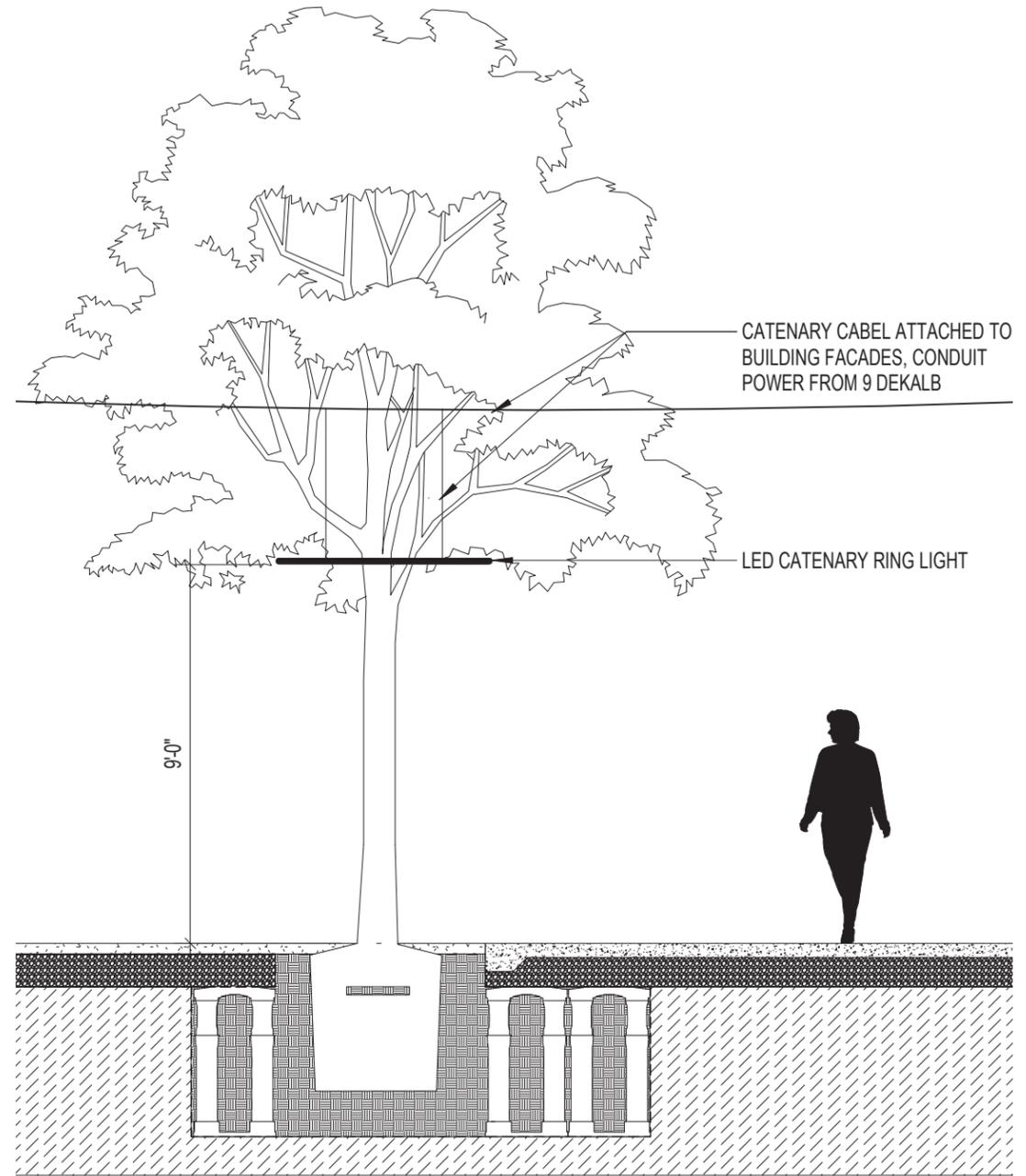
CATENARY RING LIGHT



IN GROUND UPLIGHTS

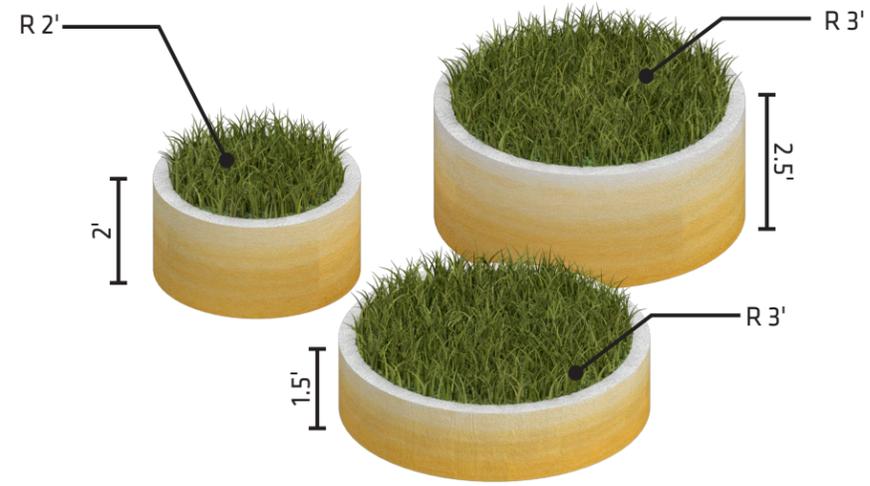


CATENARY RING LIGHT



2 CATENARY LIGHT PRELIMINARY DETAIL  
1/4" = 1'-0"

# 9 DEKALB: FURNITURE OPTIONS



**MOVABLE CONCRETE PLANTERS**

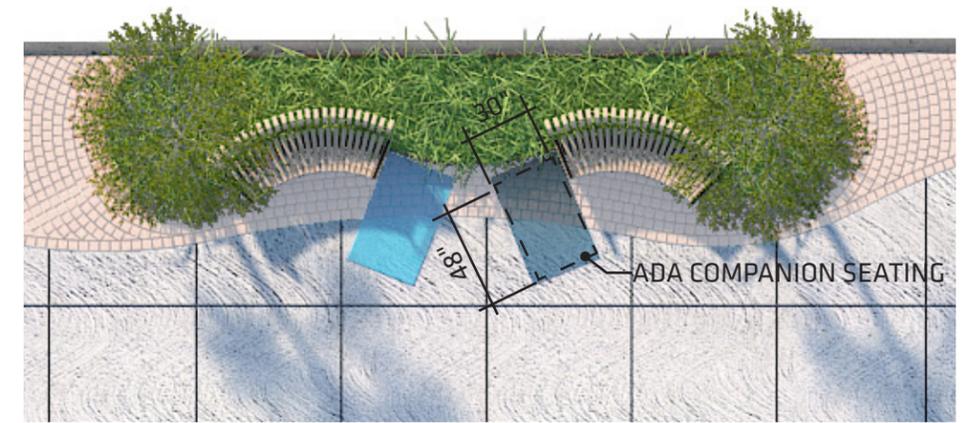
**'FOR MULTIPLE BENCHES, 1 OF EVERY 5 OR NO LESS THAN 2 SHOULD INCLUDE ARMRESTS.'**



**EXPLODED AXON**



**AXON VIEW**



**PLAN VIEW**

**PLANTER GUARD WITH INTEGRATED BENCH**

# DOWNTOWN BROOKLYN VISION PLAN: OFF THE SHELF FURNITURE OPTIONS

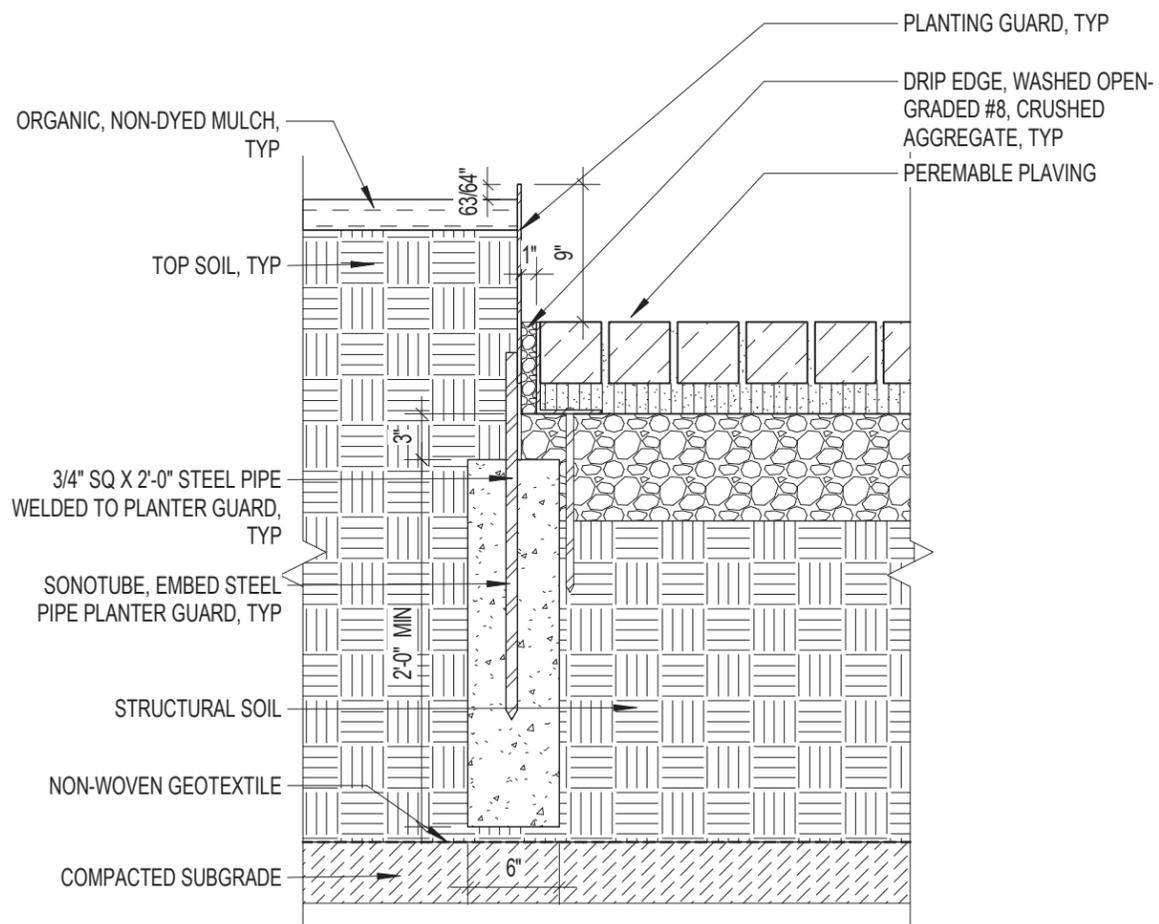
FINAL MOVABLE FURNITURE SELECTION  
WILL DEPEND ON COST & AVAILABILITY



FERNMOB  
LUXEMBOURG CHAIR & BISTRO SIDE TABLE



VESTRE - APRIL CHAIR & FREE-STANDING TABLE



**1** **DISTINCTIVE TREE GUARD DETAIL**  
1"=1'-0"



**2** **DISTINCTIVE CORTEN STEEL TREE GUARD (PREFERRED OPTION)**  
NTS



**DP** - *Dennaestada punctiloba*



**HM** - *Hakonechloa macra*



**DEB** - *Dryopteris erythrosora* 'Brilliance'



**AC** - *Asarum canadense*



**EH** - *Eranthis hyemalis*



**HF** - *Helleborus foetidus*



**LD** - *Ligularia dentata* 'Othello'



**EAR** - *Euphorbia amygdaloides* var. *Robbiae*



**CV** - *Clematis virginiana*



**SC** - *Symphyotrichum cordifolium*



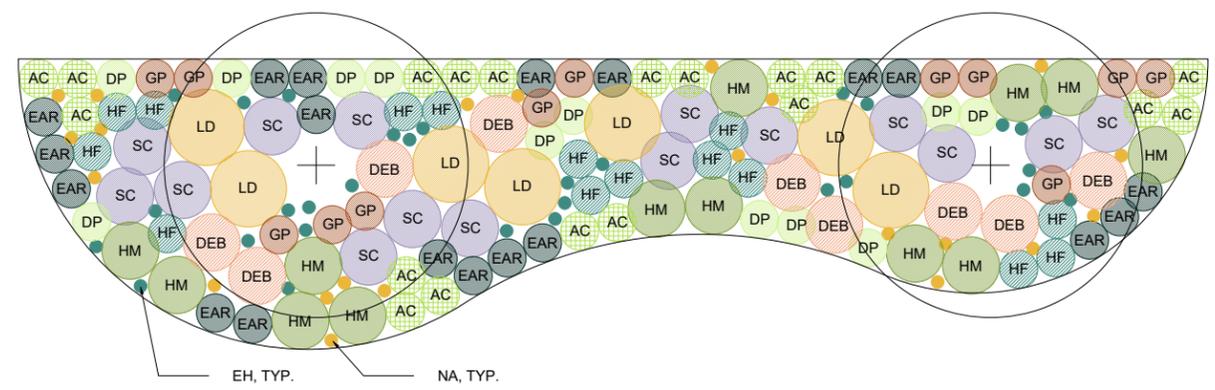
**GP** - *Gaultheria procumbens*



**NA** - *Narcissus pseudonarcissus*



**UA** - *Ulmus americana* 'Princeton'



**3** **PLANTING PLAN**  
NTS



**2** **PLANTING AND TREE GUARD ELEVATION**  
NTS

**1** **FULL SHADE PLANTING PALETTE**  
NTS



EE - Eragrostis eliottii 'Wind Dancer'



DC - Dechampsia cespitosa



AHU - Amsonia hubrichtii



DP - Dennaestada punctiloba



SS - Solidago sempervirens



EP - Echinacea paradoxa



CP - Comptonia peregrina



HV - Heuchera villosa 'Autumn Bride'



CV - Clematis virginiana



MP - Monarda punctata



ACH - Anemone cylindrica 'Honorine Jobert'



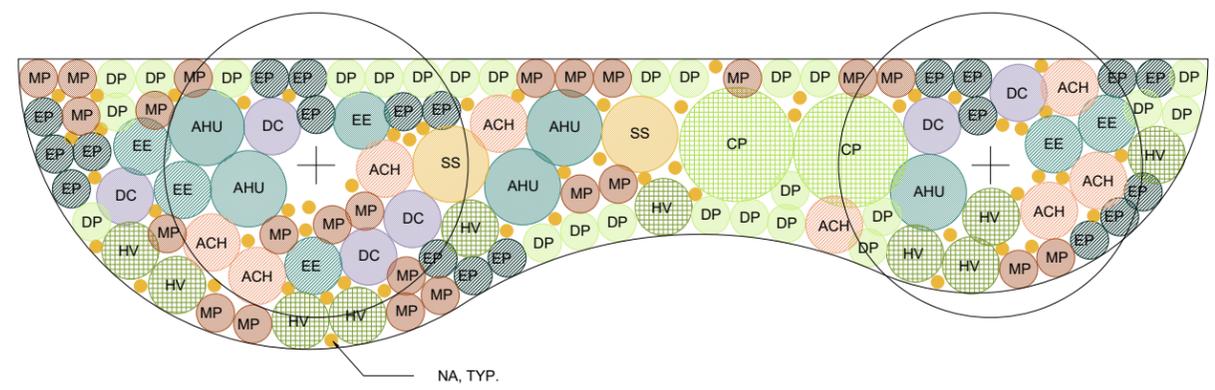
NA - Narcissus pseudonarcissus



GD - Gymnocladus dioicus



CF - Cornus florida



3 PLANTING PLAN  
NTS



2 PLANTING AND TREE GUARD ELEVATION  
NTS

1 PART SUN/PART SHADE PLANTING PALETTE  
NTS

**THANK YOU!**