

**Project:** 

585 Third Street
Cambridge, Massachusetts

PUD Special Permit Submission Volume 2: Plans and Illustrations

September 3, 2021

#### Team:

Greenberg Consultants Inc.

**MASTER PLANNER** 



**URBAN DESIGN & ARCHITECTURE** 





MICHAEL
VAN
VALKENBURGH
ASSOCIATES
INC

LANDSCAPE ARCHITECTS

BG | Belfort Group

**COMMUNICATIONS & OUTREACH** 



LEGAL



REDGATE

**PROJECT MANAGEMENT** 

BioMed Realty
Discover here

**OWNER** 

BSY

**MEP + SUSTAINABILITY** 

BURO HAPPOLD

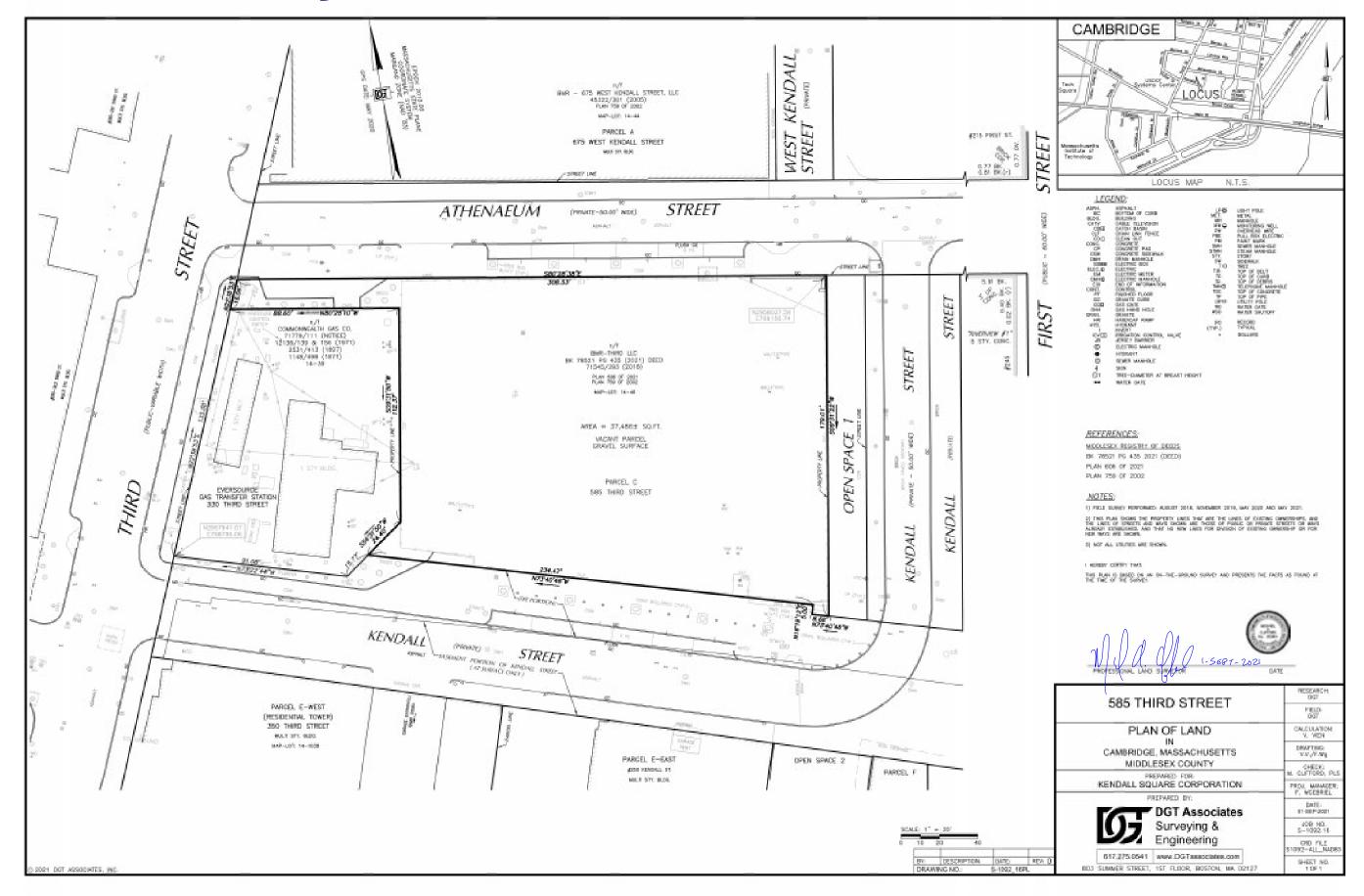
**SUSTAINABILITY** 

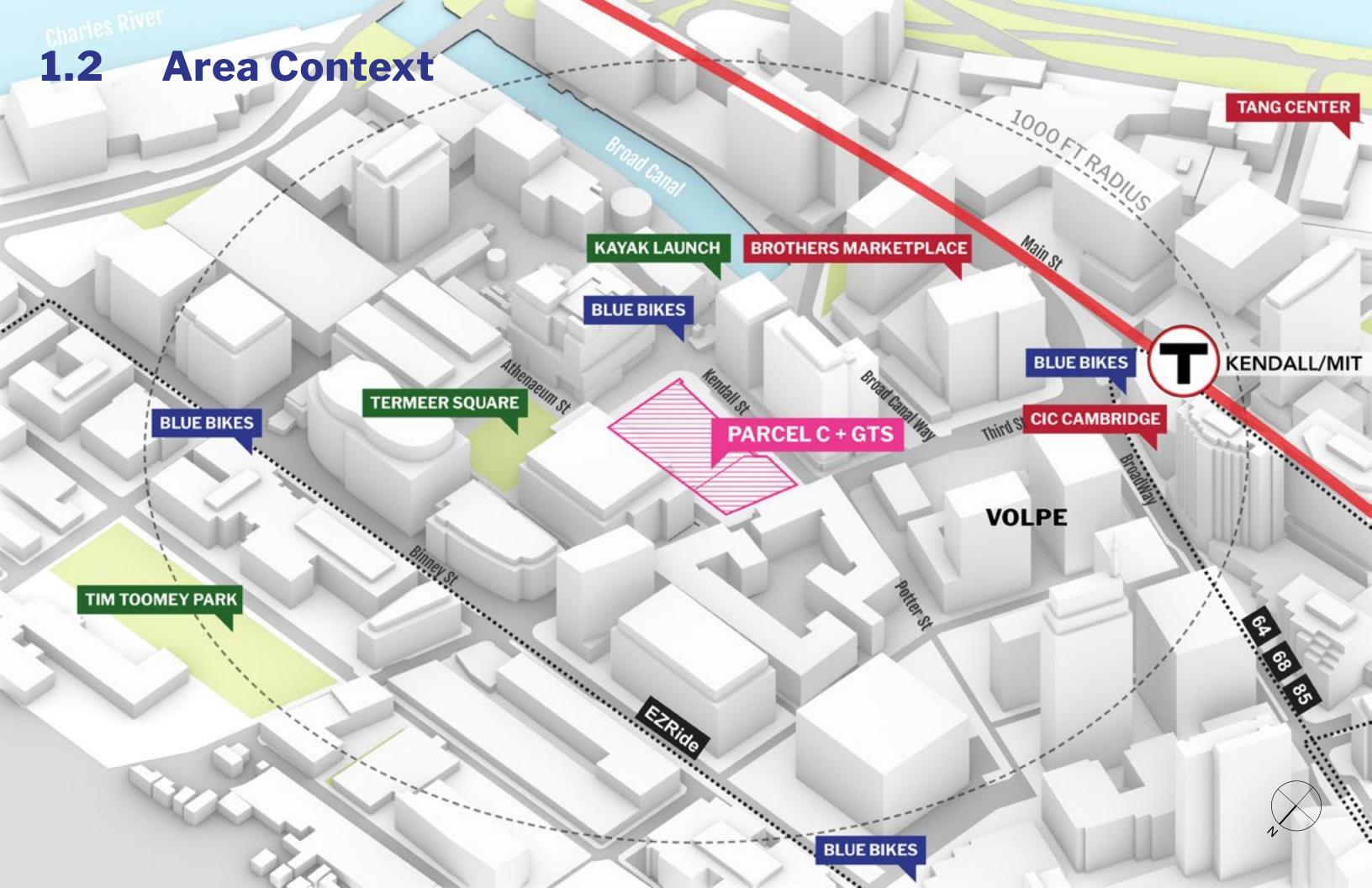
#### **B.** Volume II

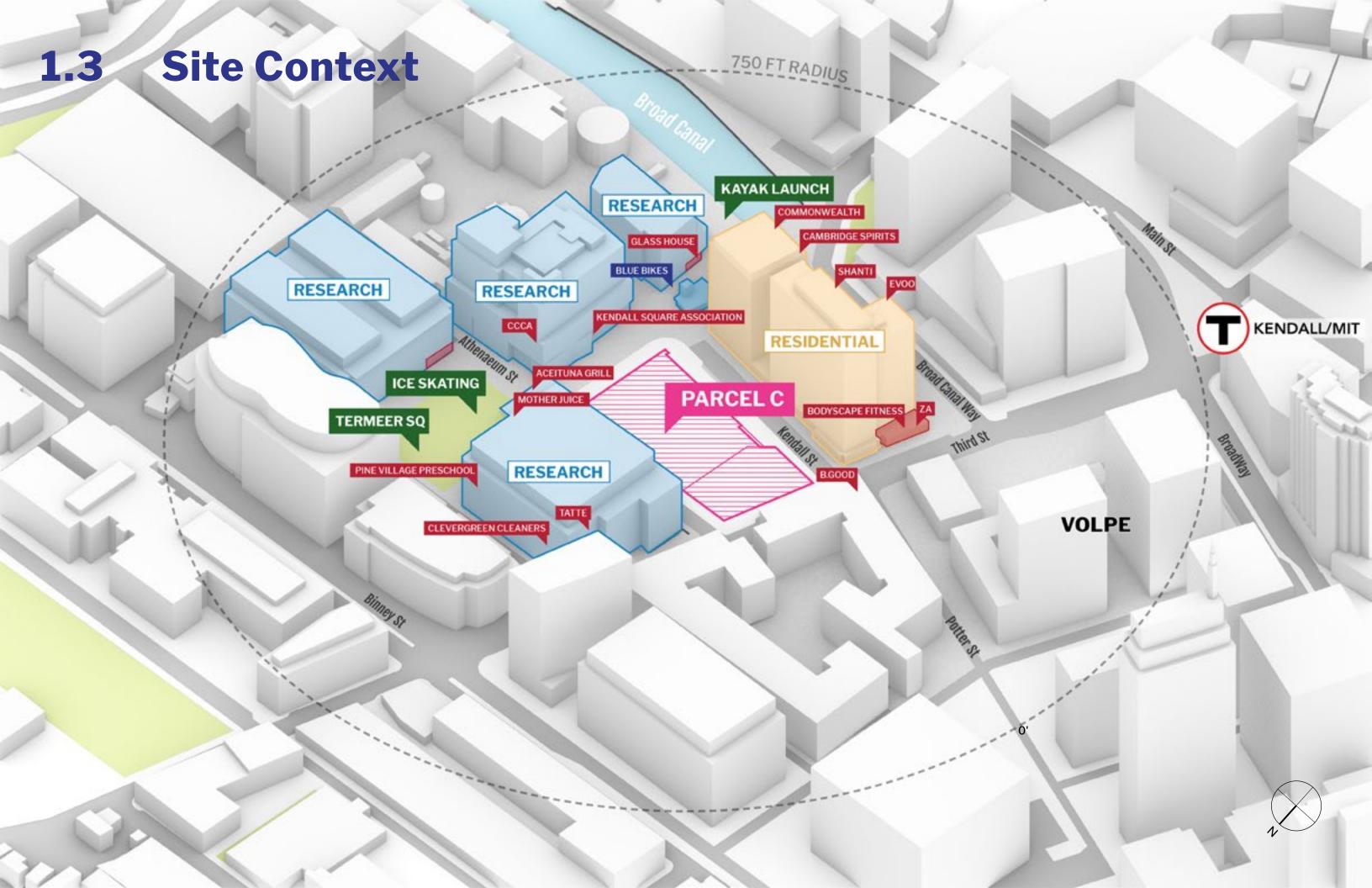
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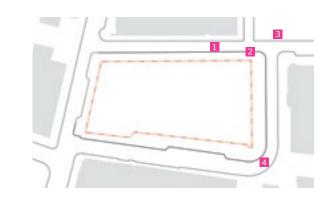
#### 1.1 Site Survey







## **1.4** Site Context Photos



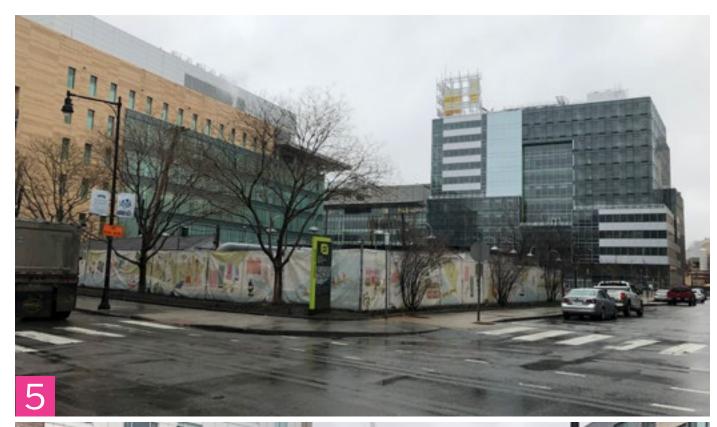


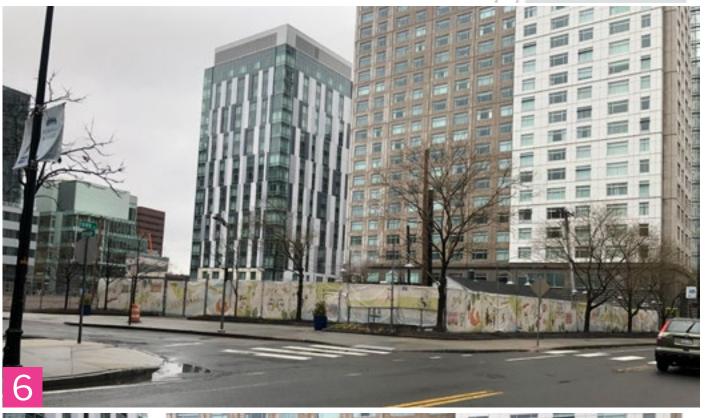






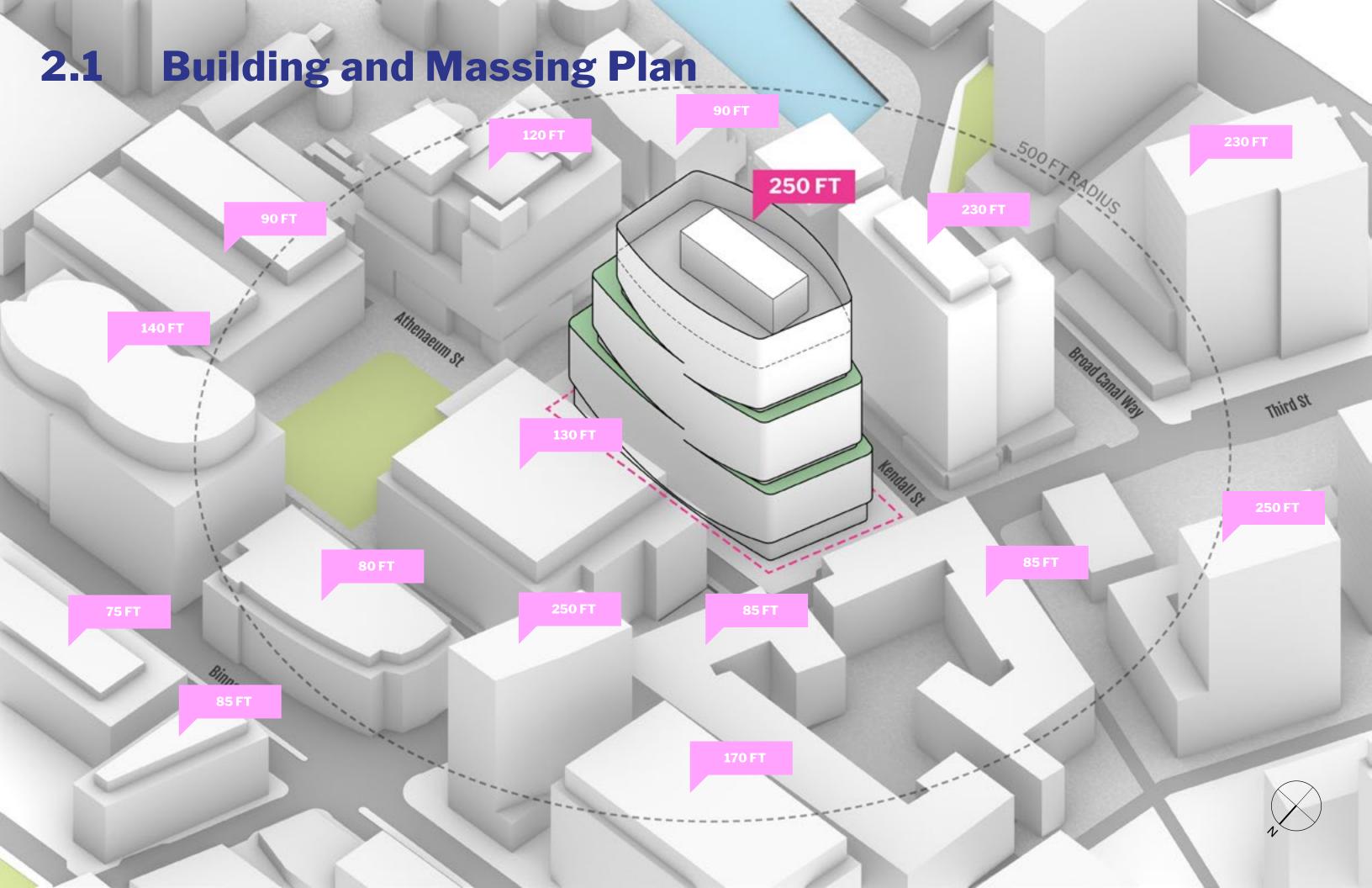
## **1.5** Site Context Photos

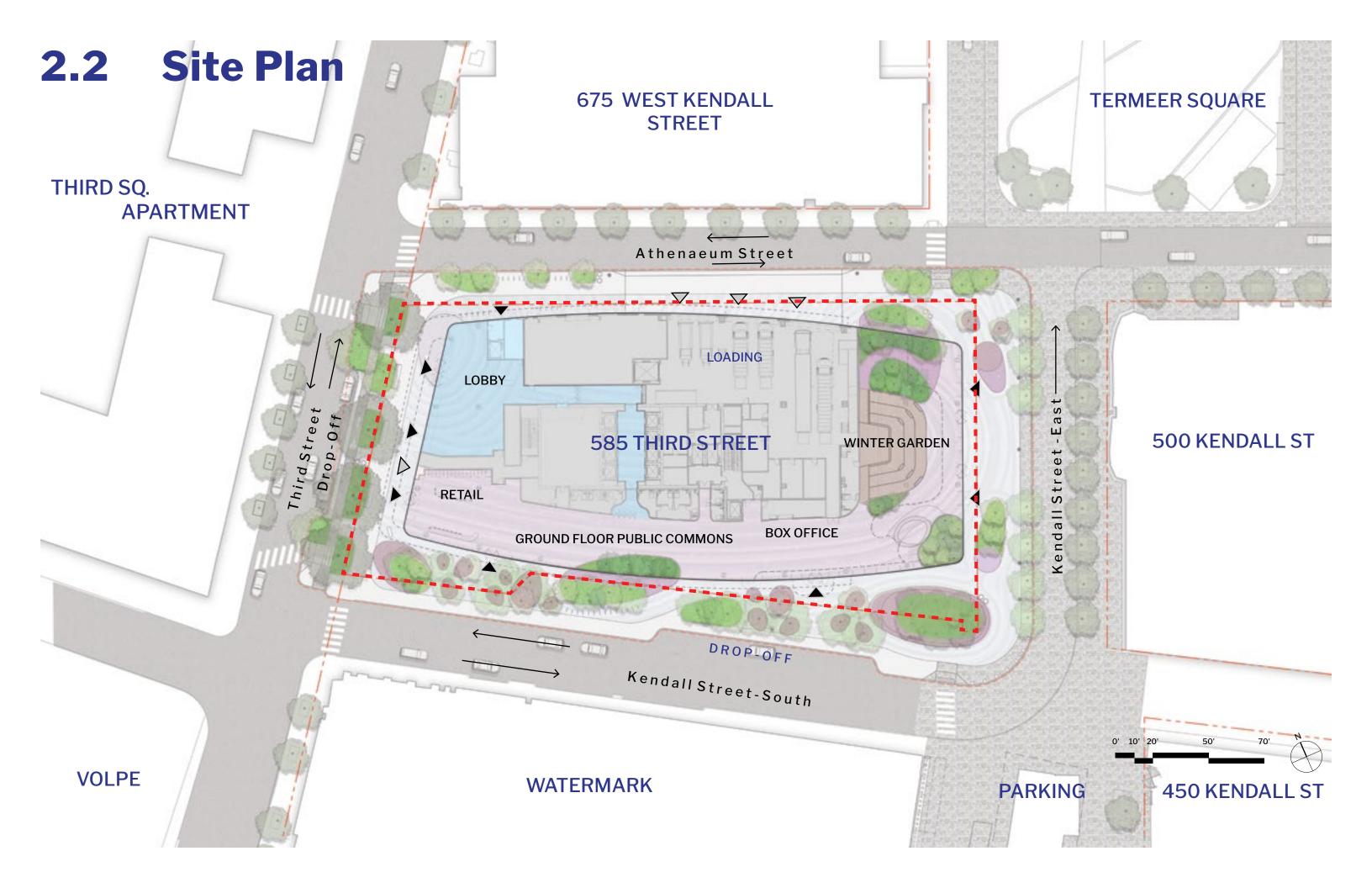


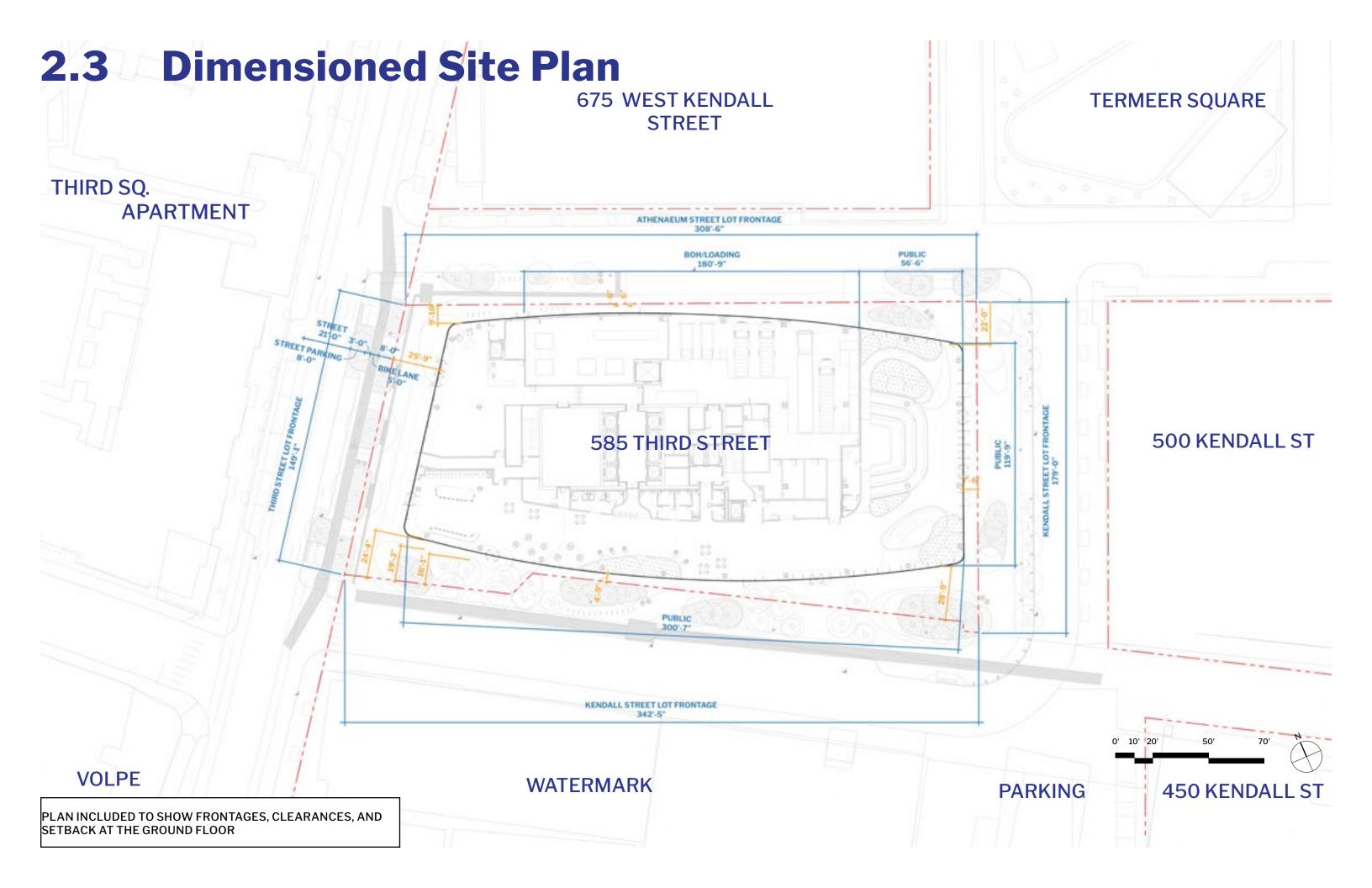




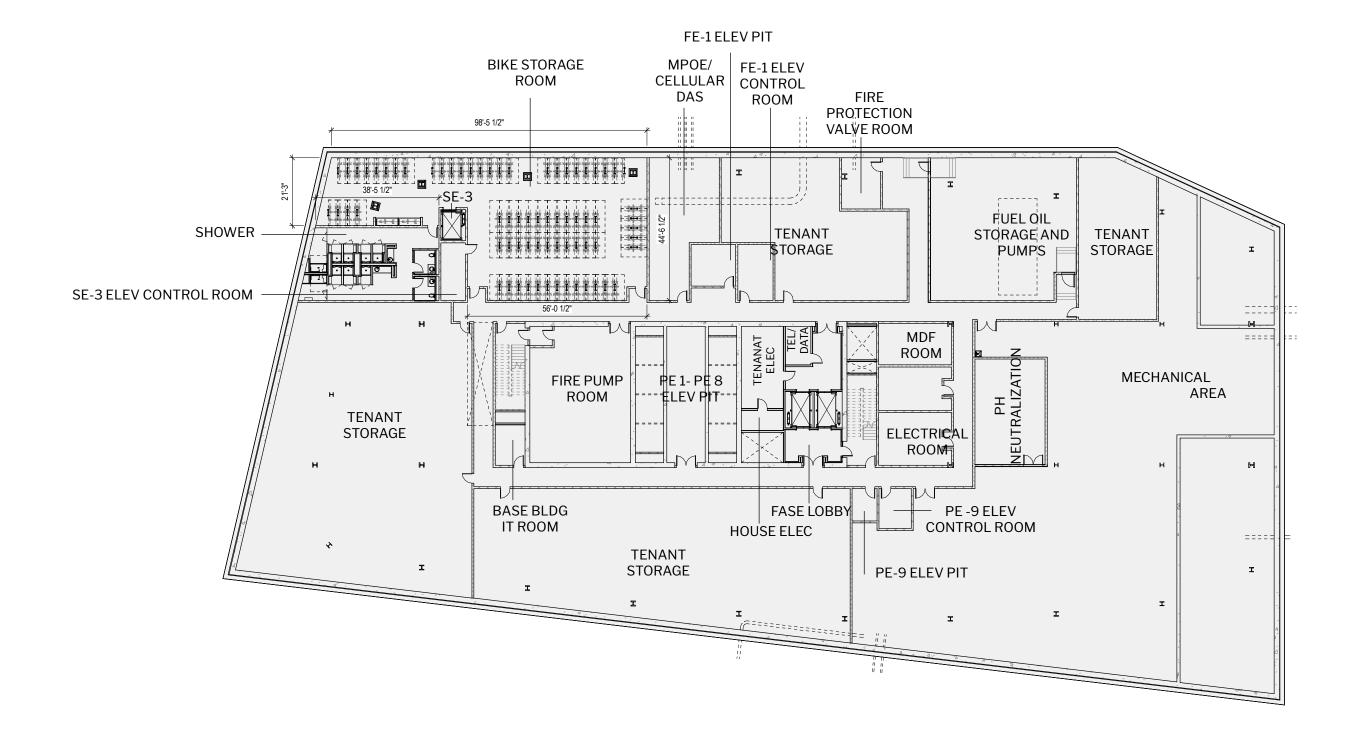








#### 2.4 Basement Level Floor Plan

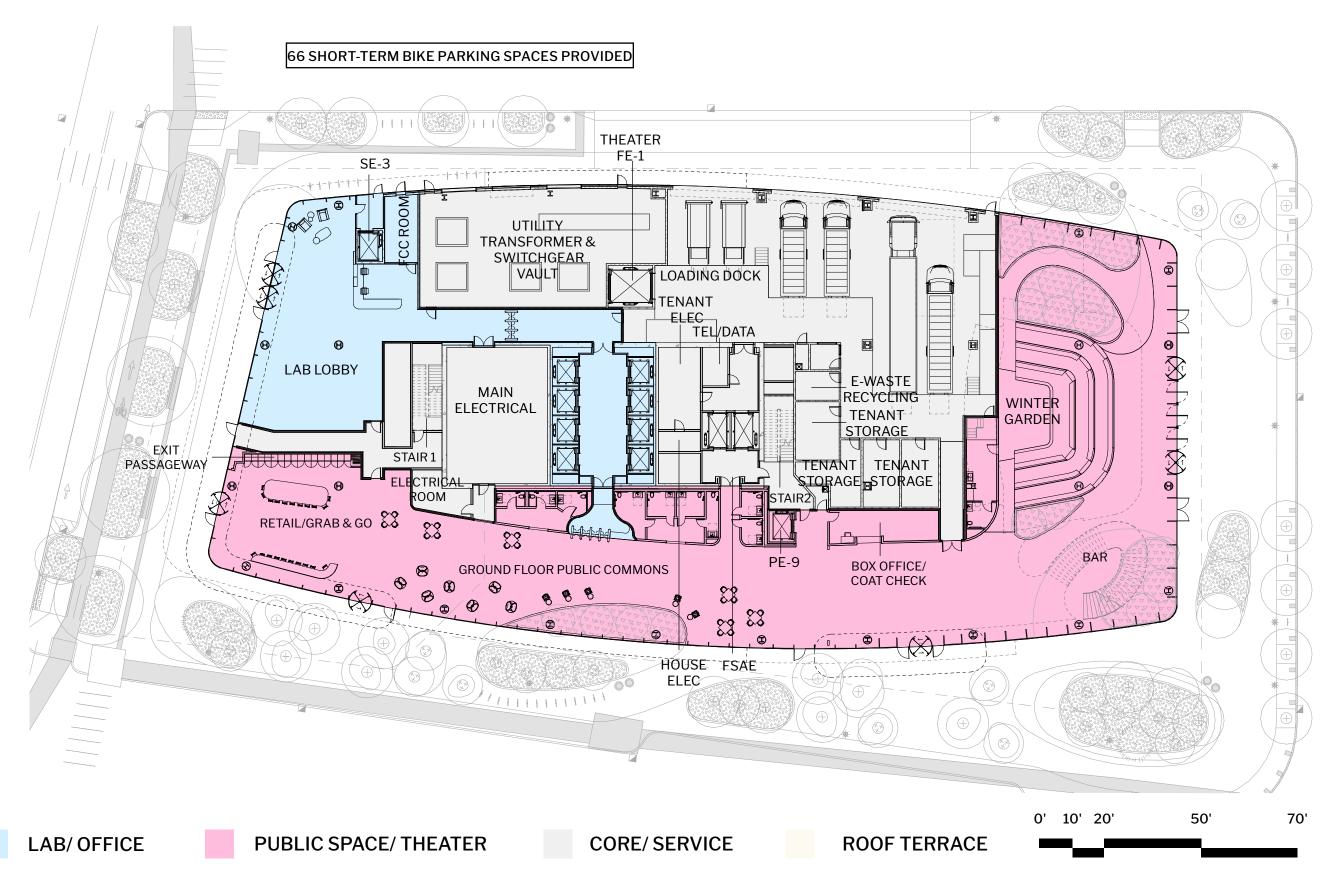




70'

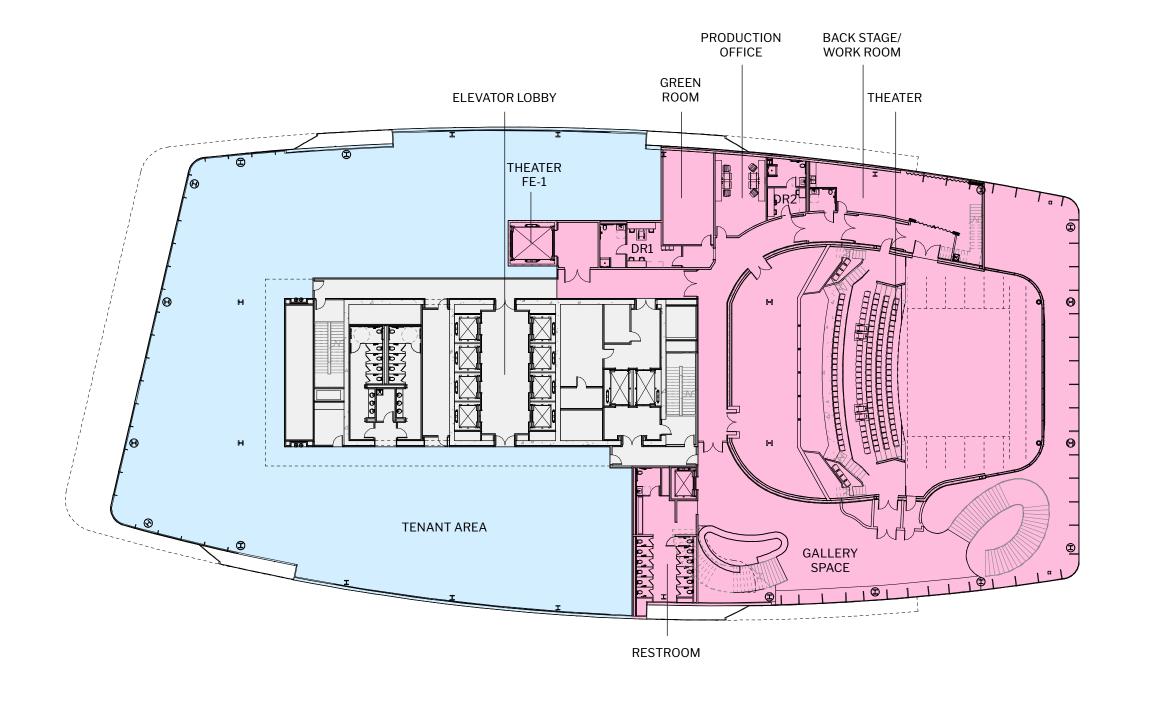
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#### 2.5 Ground Level Floor Plan





#### 2.6 2nd Level Floor Plan





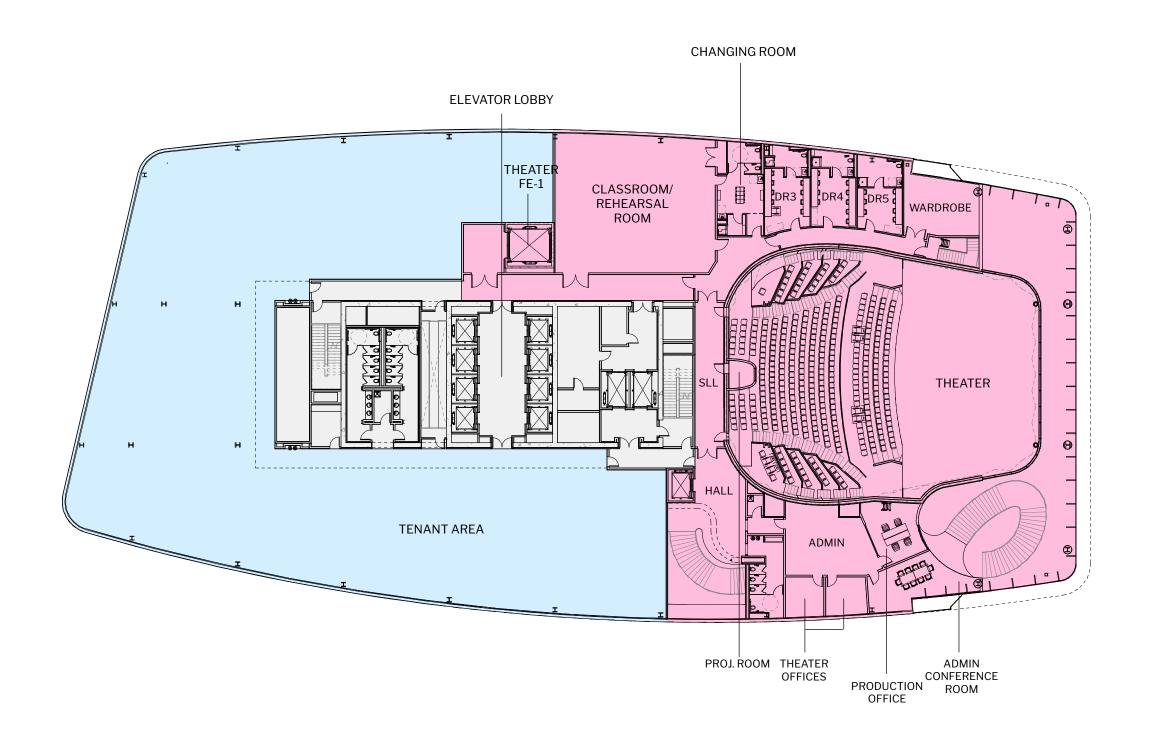
70'

0' 10' 20'

50'

LAB/ OFFICE

#### 2.7 3rd Level Floor Plan

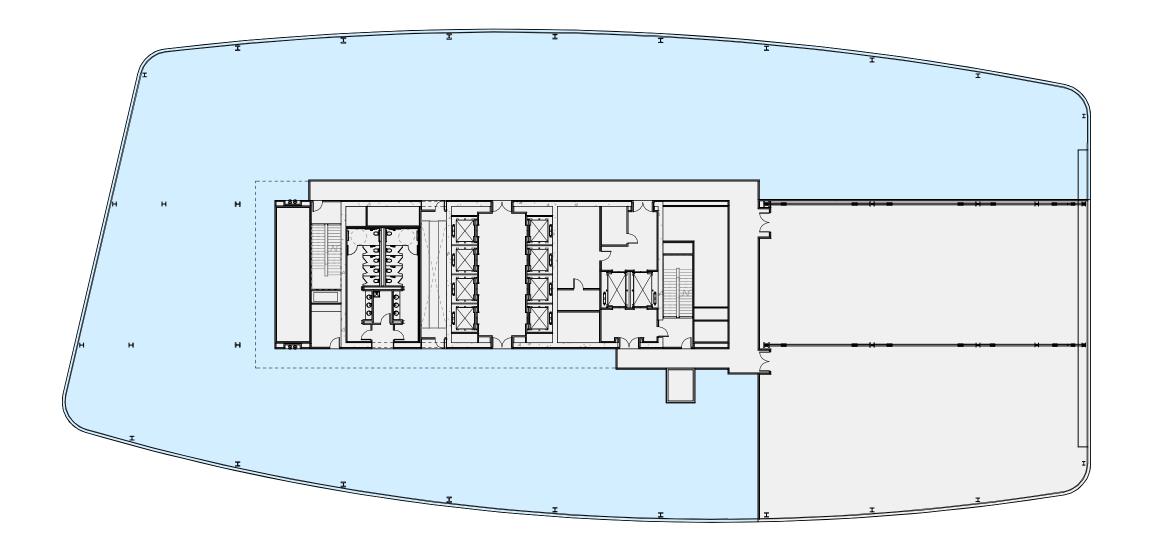




0' 10' 20'

50'

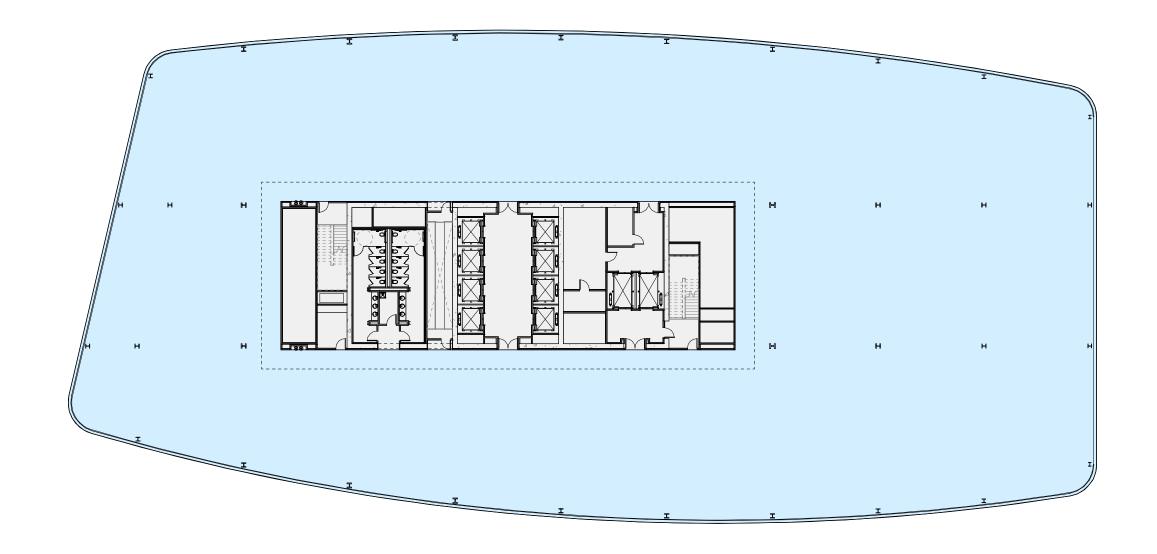
#### 2.8 4th Level Floor Plan



CORE/ SERVICE



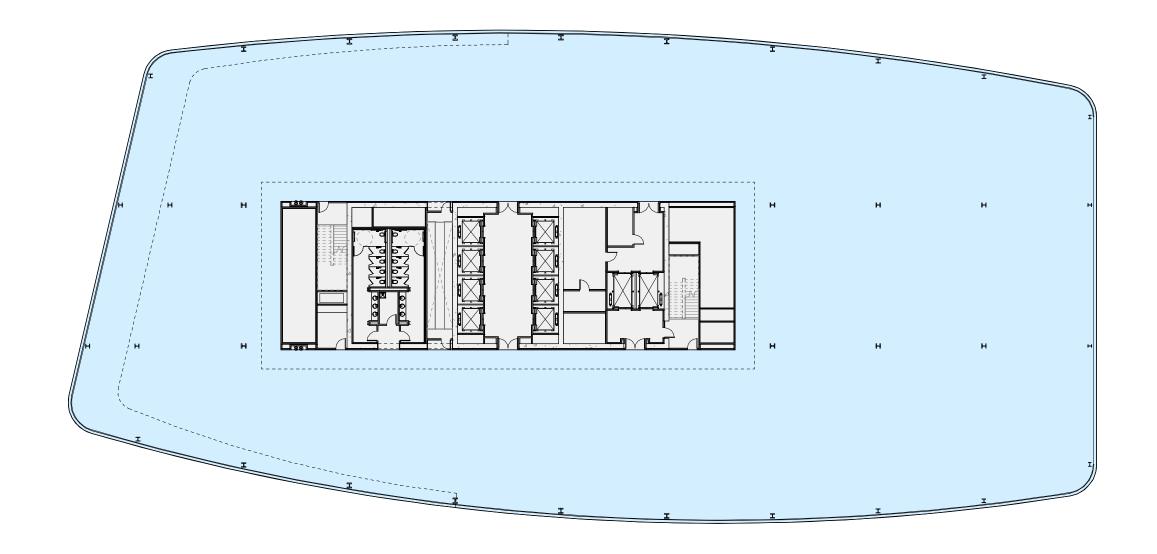
## 2.9 5th Level Floor Plan



CORE/ SERVICE

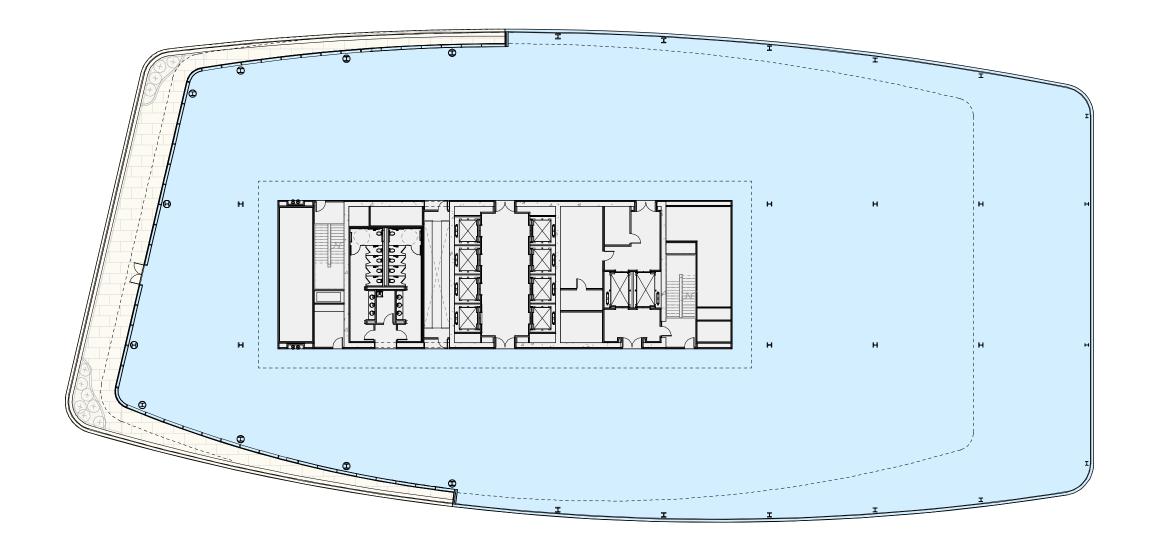


#### 2.10 6th Level Floor Plan



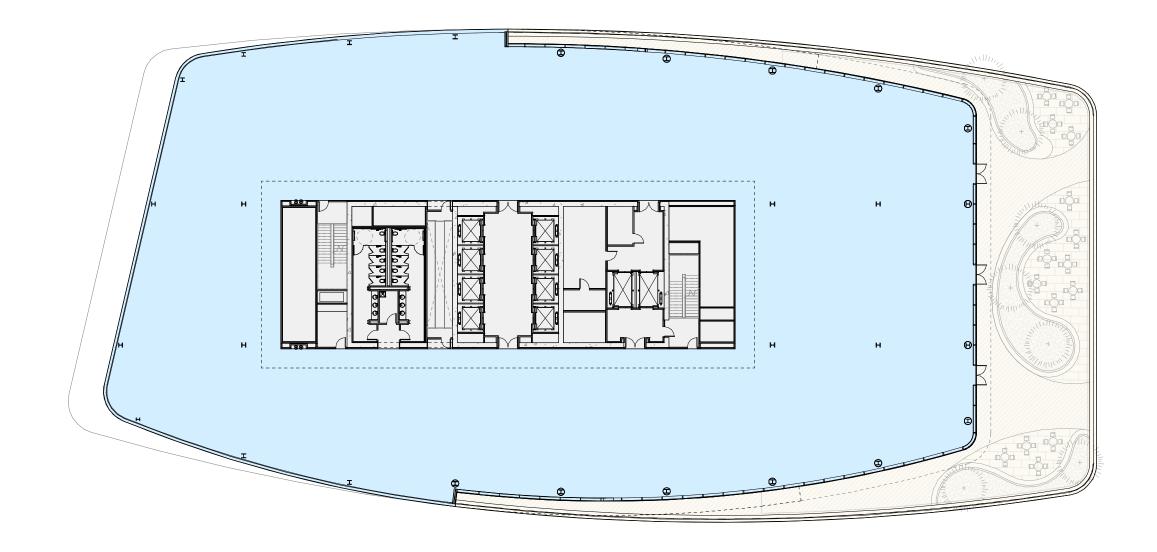


## 2.11 7th Level Floor Plan





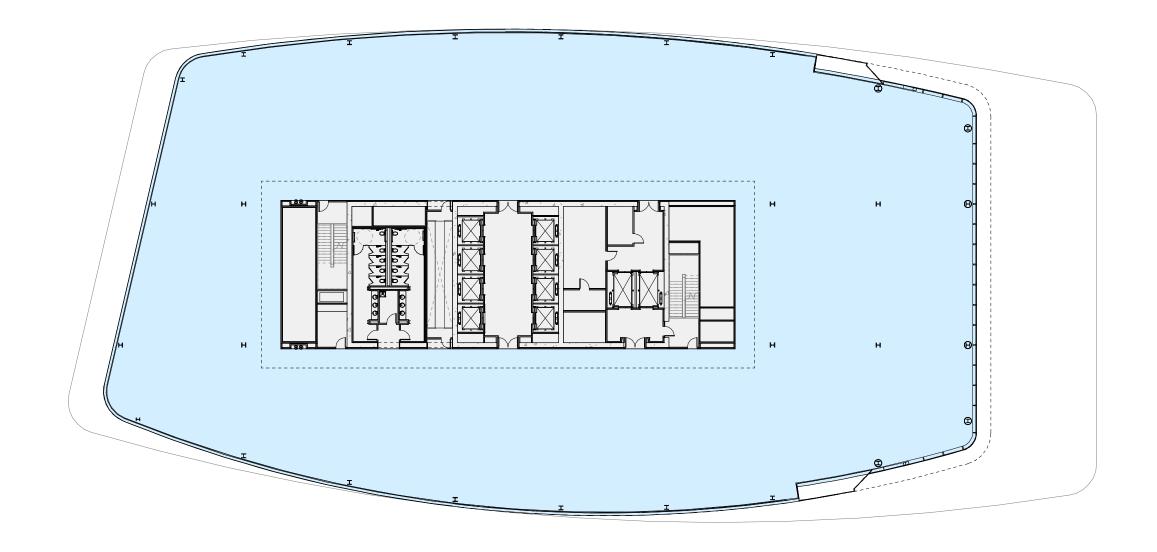
## 2.12 8th Level Floor Plan



CORE/ SERVICE

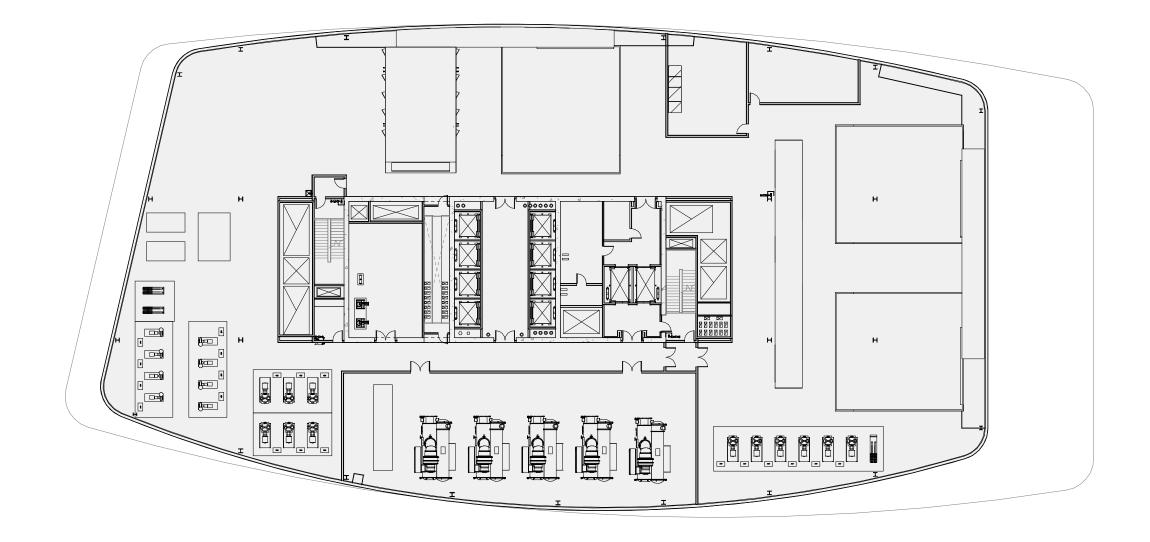


#### 2.13 9th Level Floor Plan





#### 2.14 10th Level Floor Plan

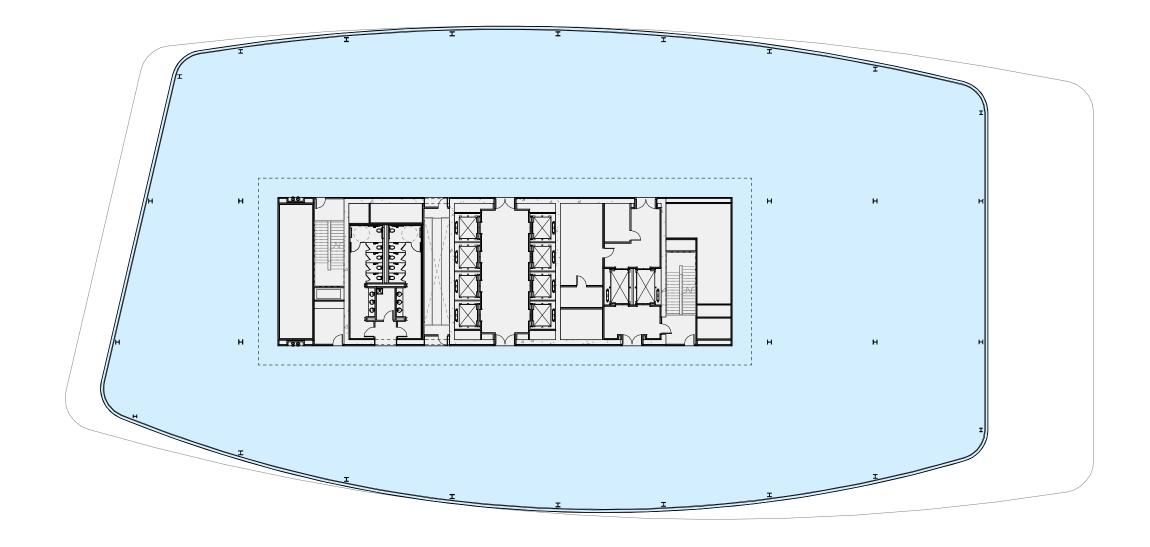




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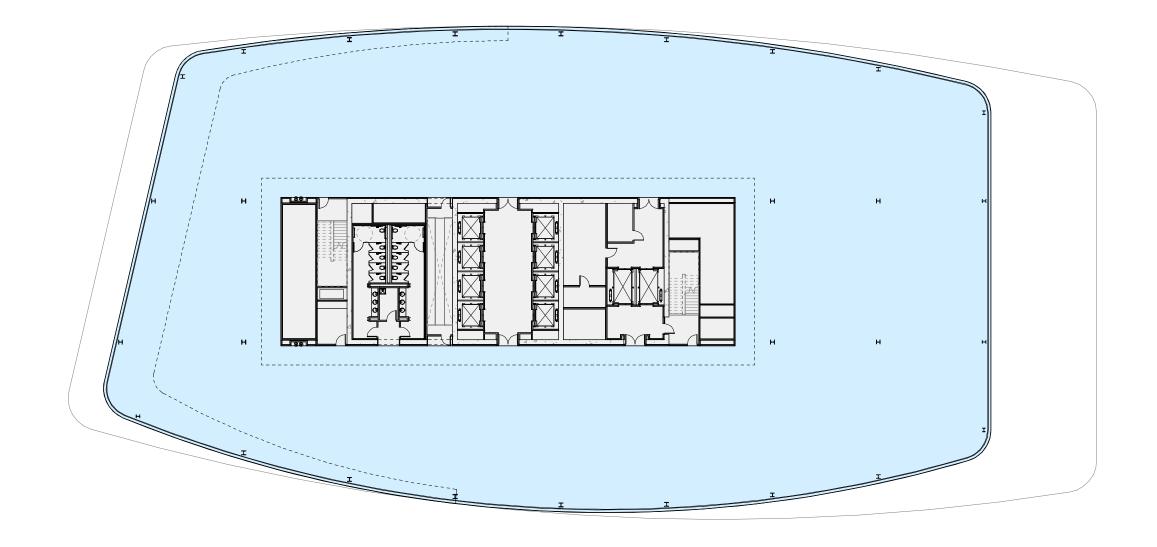
50'

## 2.15 11th Level Floor Plan



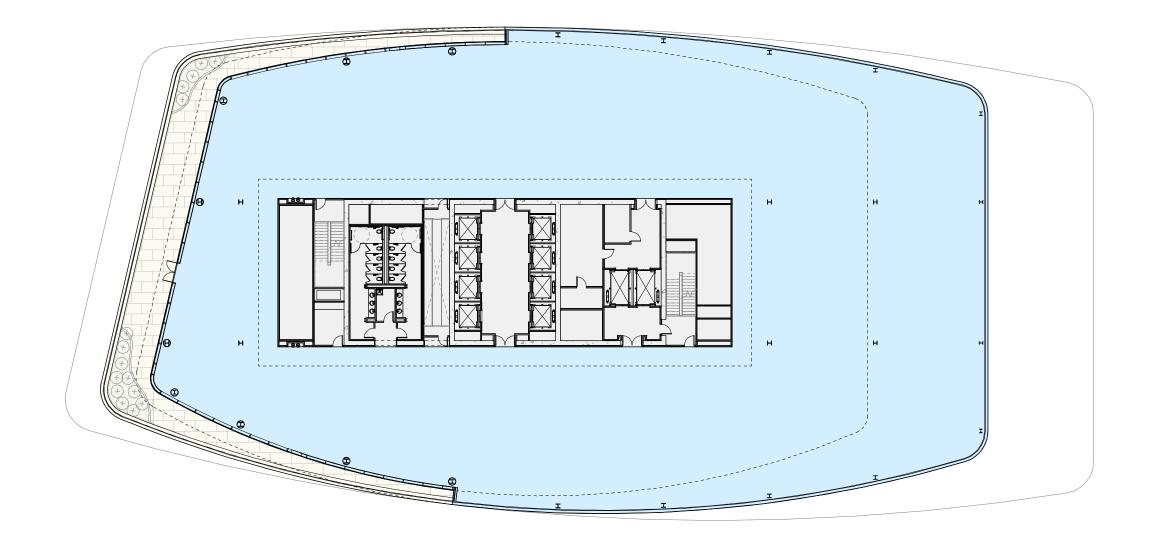


#### 2.16 12th Level Floor Plan



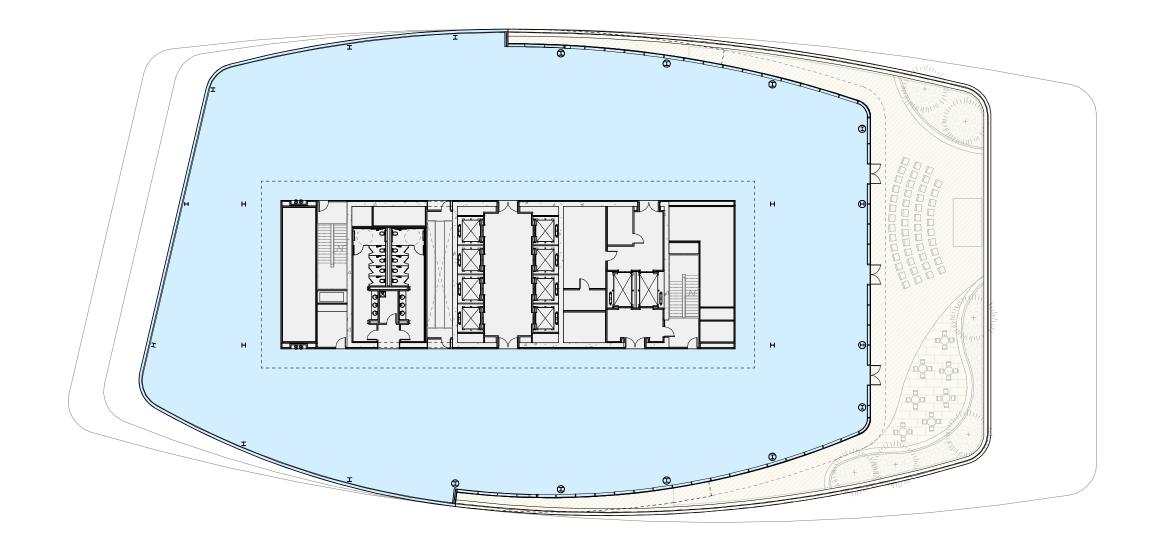


## 2.17 13th Level Floor Plan



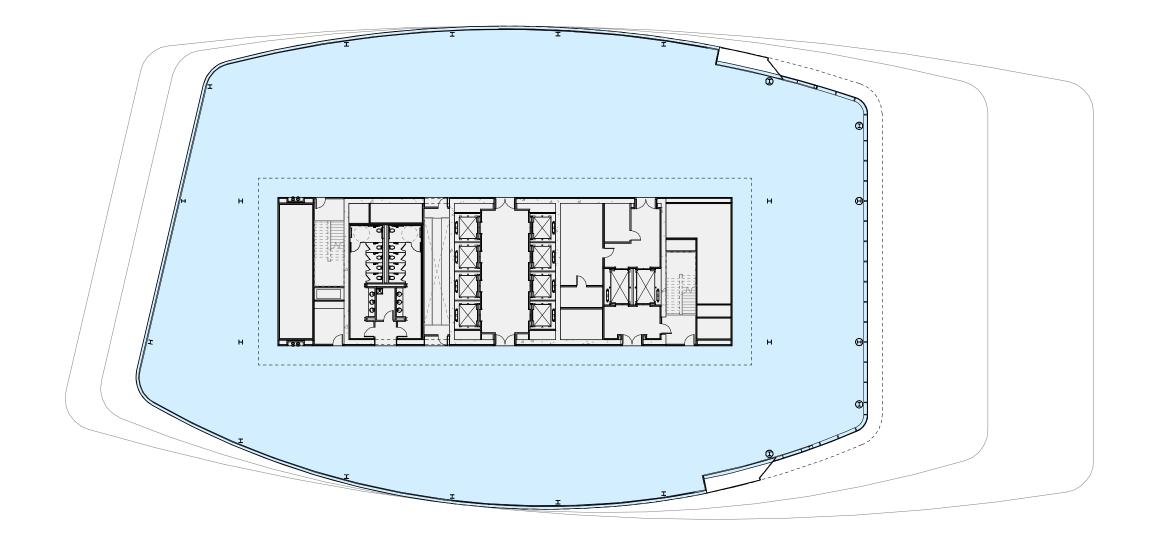


## 2.18 14th Level Floor Plan



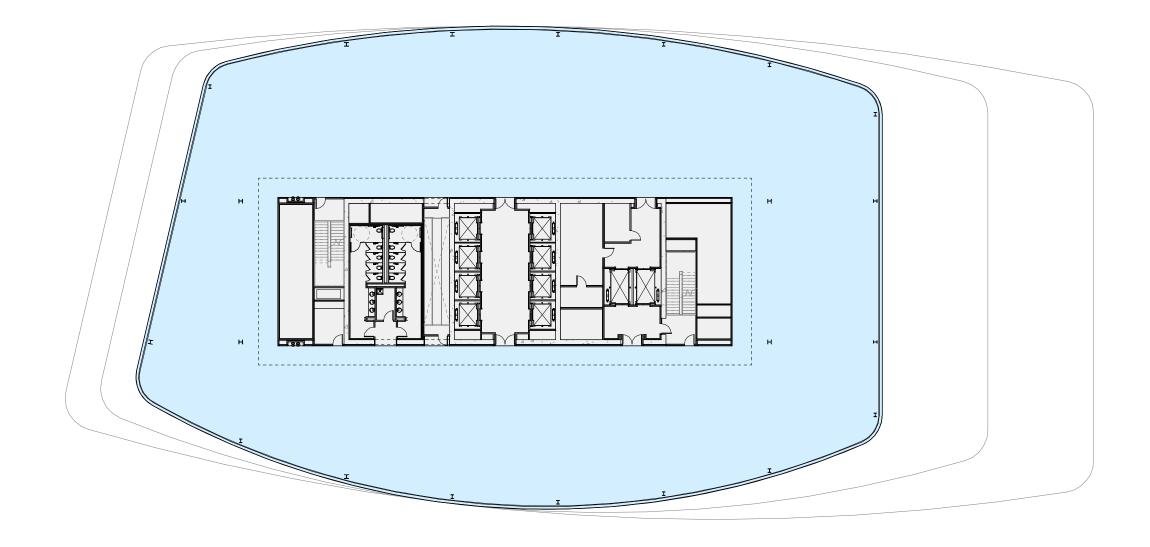


#### 2.19 15th Level Floor Plan



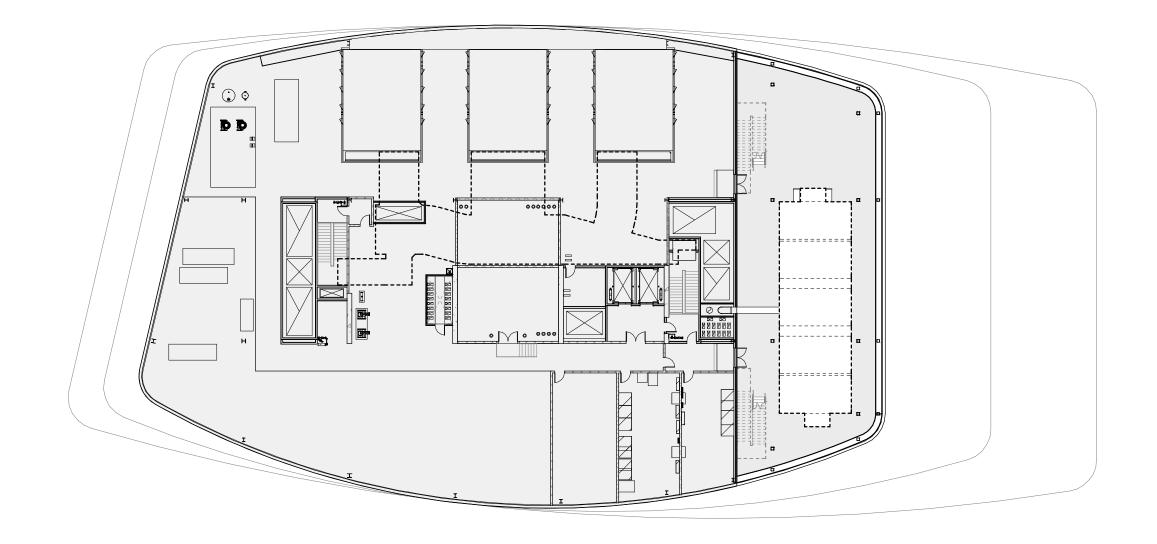


#### 2.20 16th Level Floor Plan



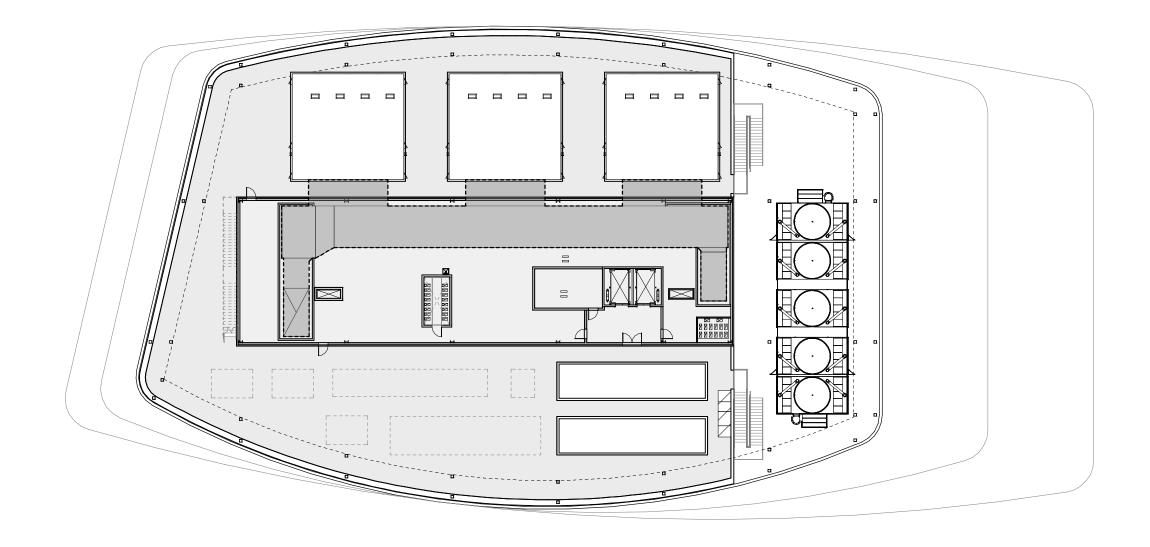


#### 2.21 Mechanical PH1 Floor Plan



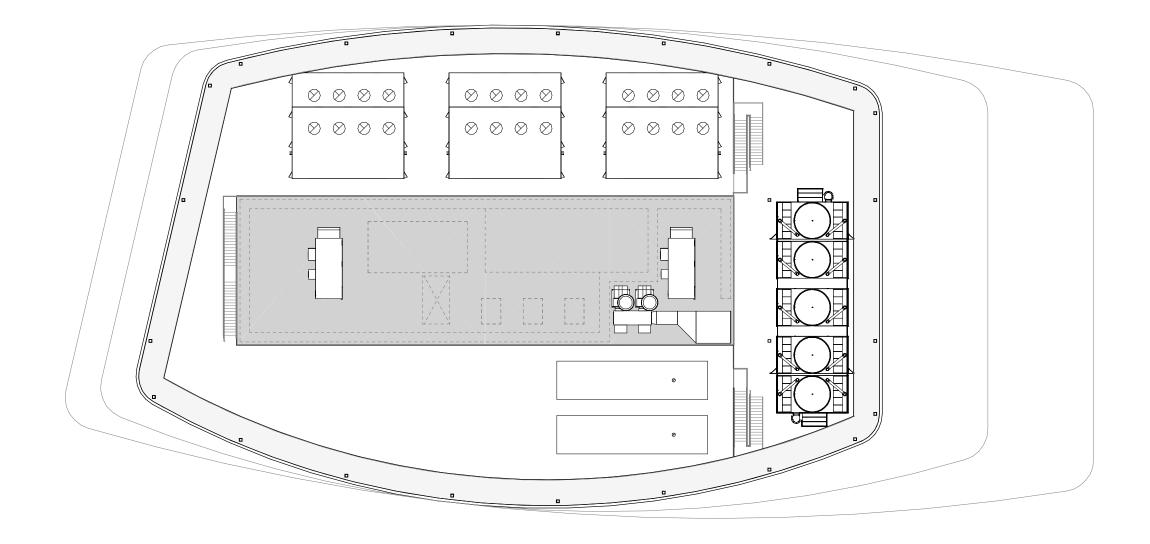


#### 2.22 Mechanical PH2 Floor Plan





## 2.23 Roof Plan





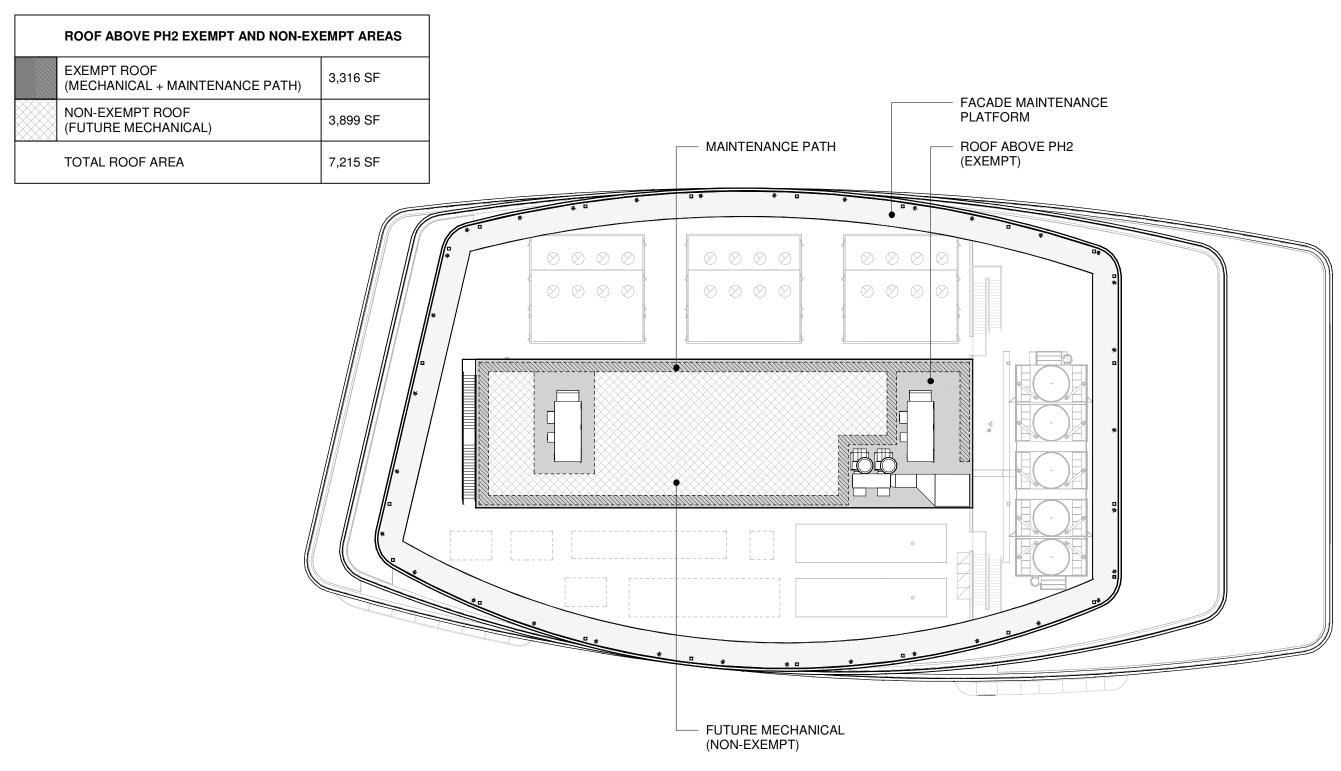




0' 10' 20'

50'

#### 2.24A Roof Uses And Areas Above PH2



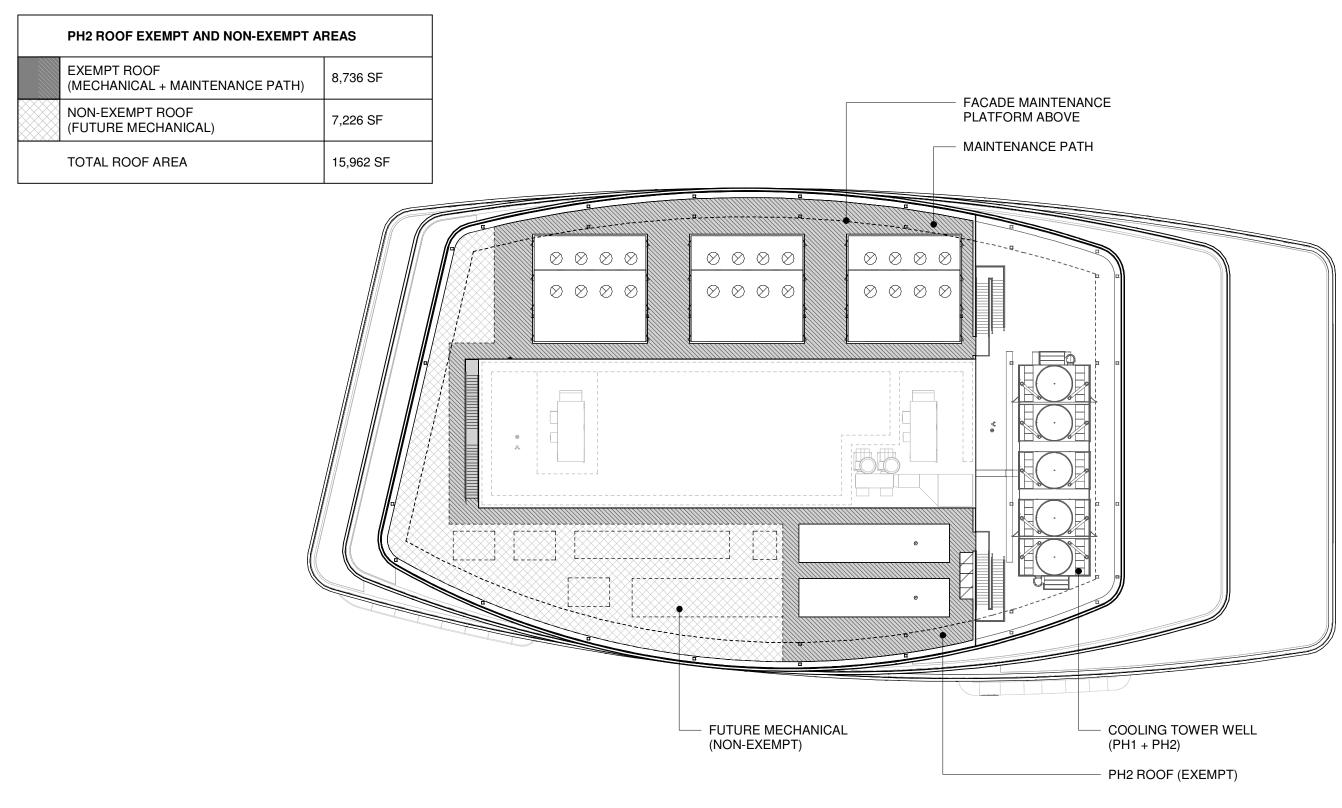


70'

0' 10' 20'

50'

#### 2.24B Roof Uses And Areas At PH2

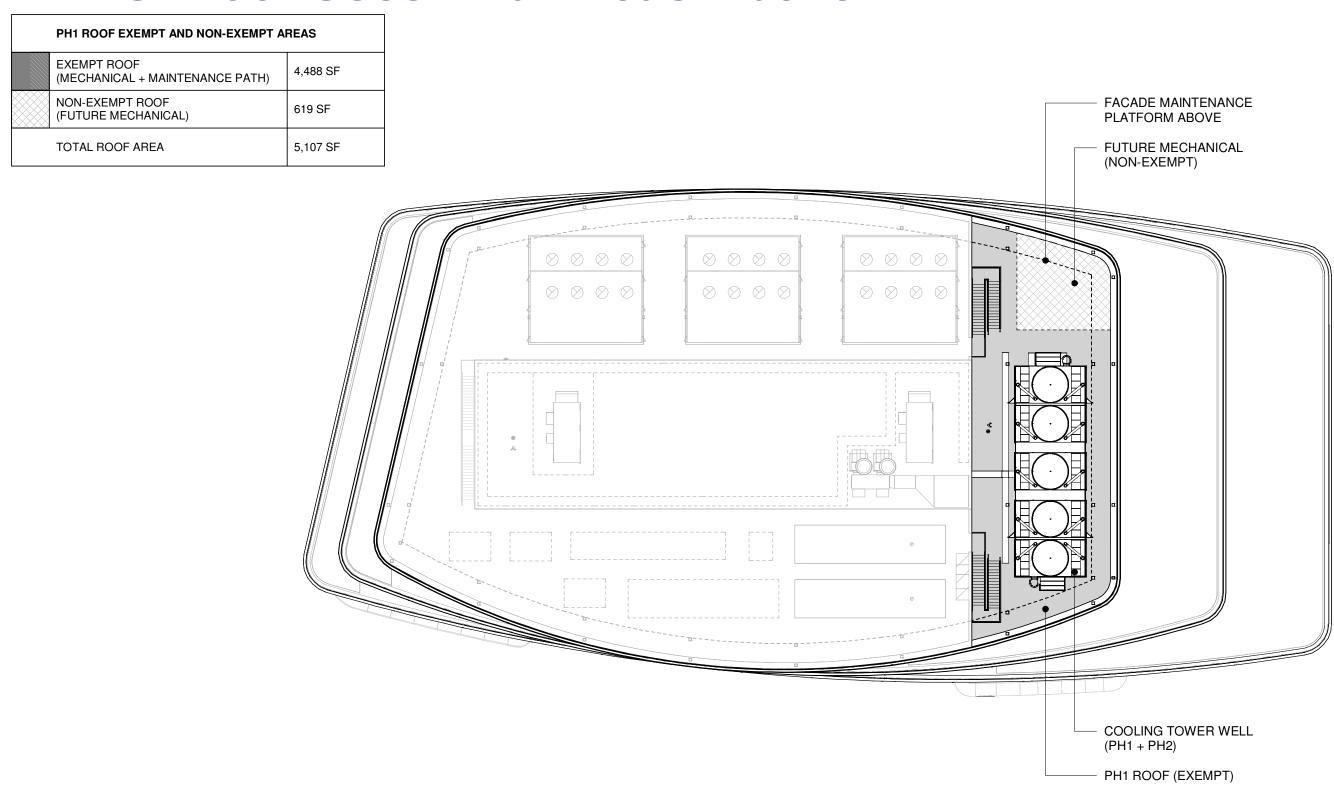




70'

50'

#### 2.25 Roof Uses And Areas Above PH1





50'

LAB/ OFFICE

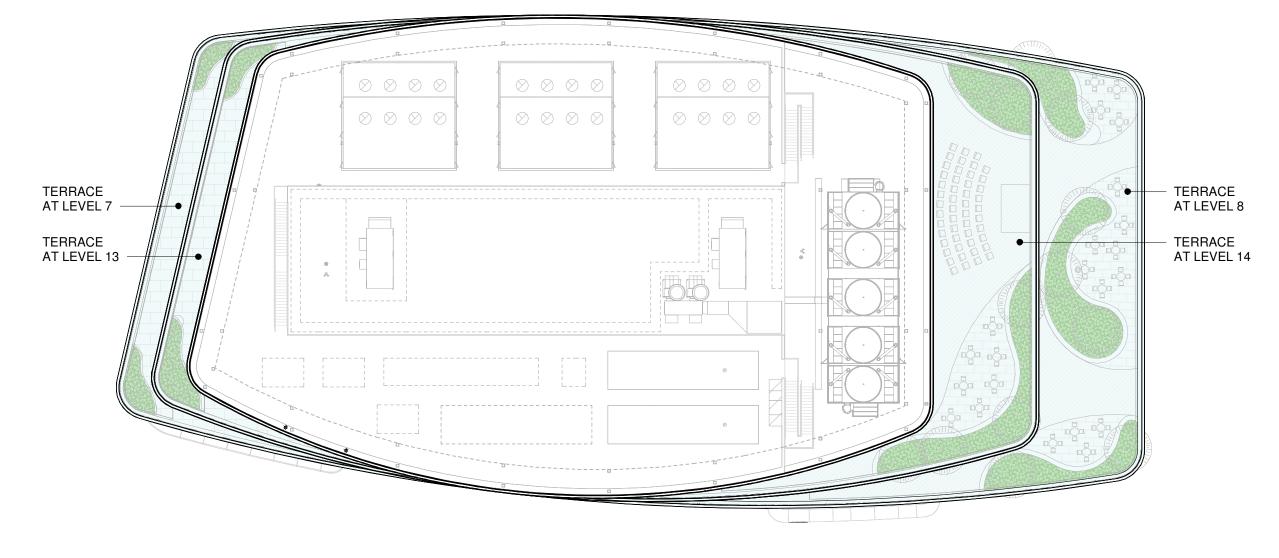
#### 2.26 Terrace Uses And Areas

LEVEL 7 TERRACE GREEN ROOF + HARDSCAPE AREAS		
	GREEN ROOF AREA	198 SF
	HARDSCAPE AREA	2,826 SF
	TOTAL TERRACE AREA	3,024 SF

LEVEL 8 TERRACE GREEN ROOF + HARDSCAPE AREAS			
GREEN ROOF AREA	1,225 SF		
HARDSCAPE AREA	6,163 SF		
TOTAL TERRACE AREA	7,388 SF		

LEVEL 13 TERRACE GREEN ROOF + HARDSCAPE AREAS		
	GREEN ROOF AREA	293 SF
	HARDSCAPE AREA	2,646 SF
	TOTAL TERRACE AREA	2,939 SF

LEVEL 14 TERRACE GREEN ROOF + HARDSCAPE AREAS			
GREEN ROOF AREA	970 SF		
HARDSCAPE AREA	5,631 SF		
TOTAL TERRACE AREA	6,601 SF		



H

0' 10' 20'

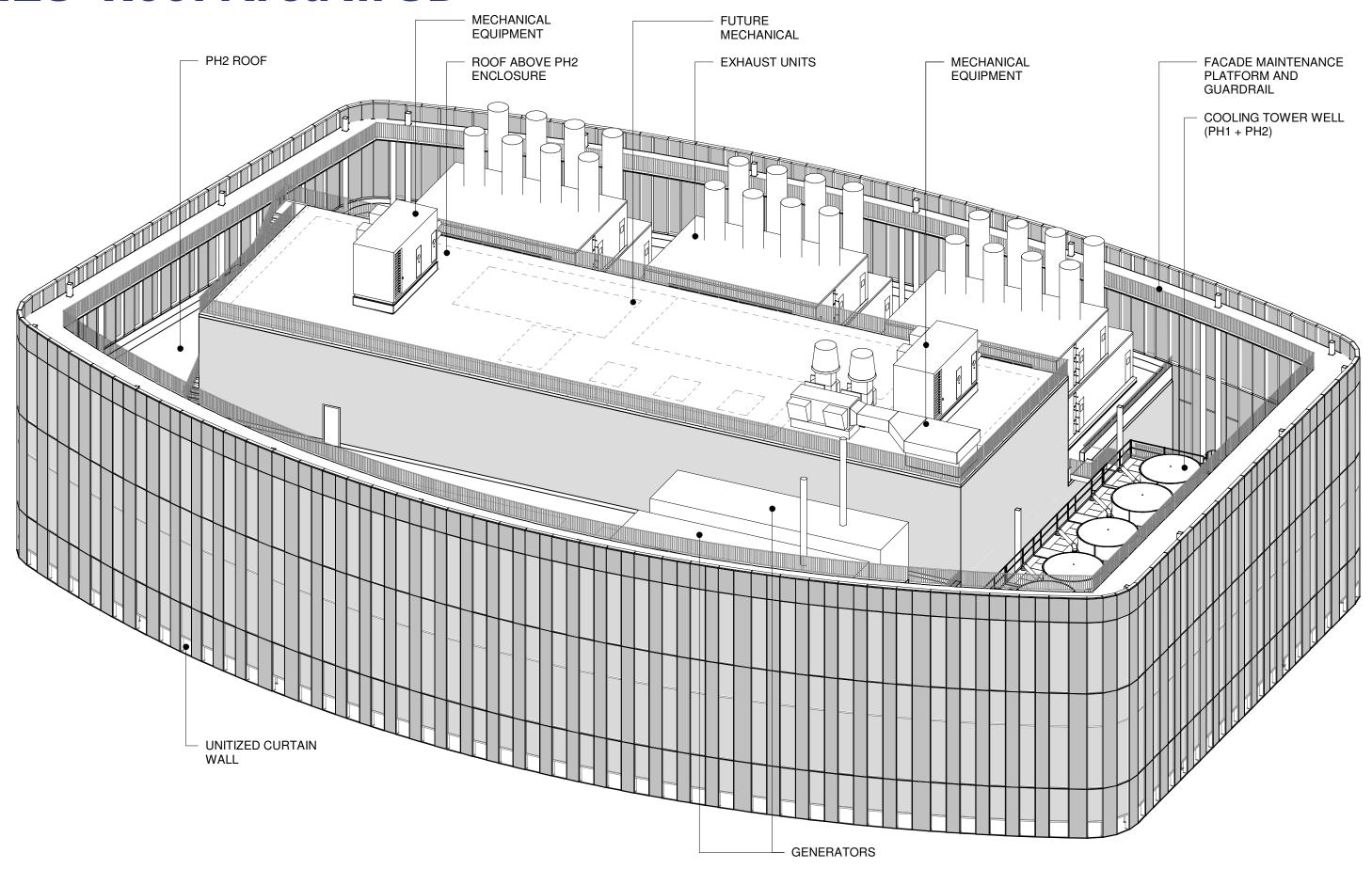
50'

# 2.27 Area Summary

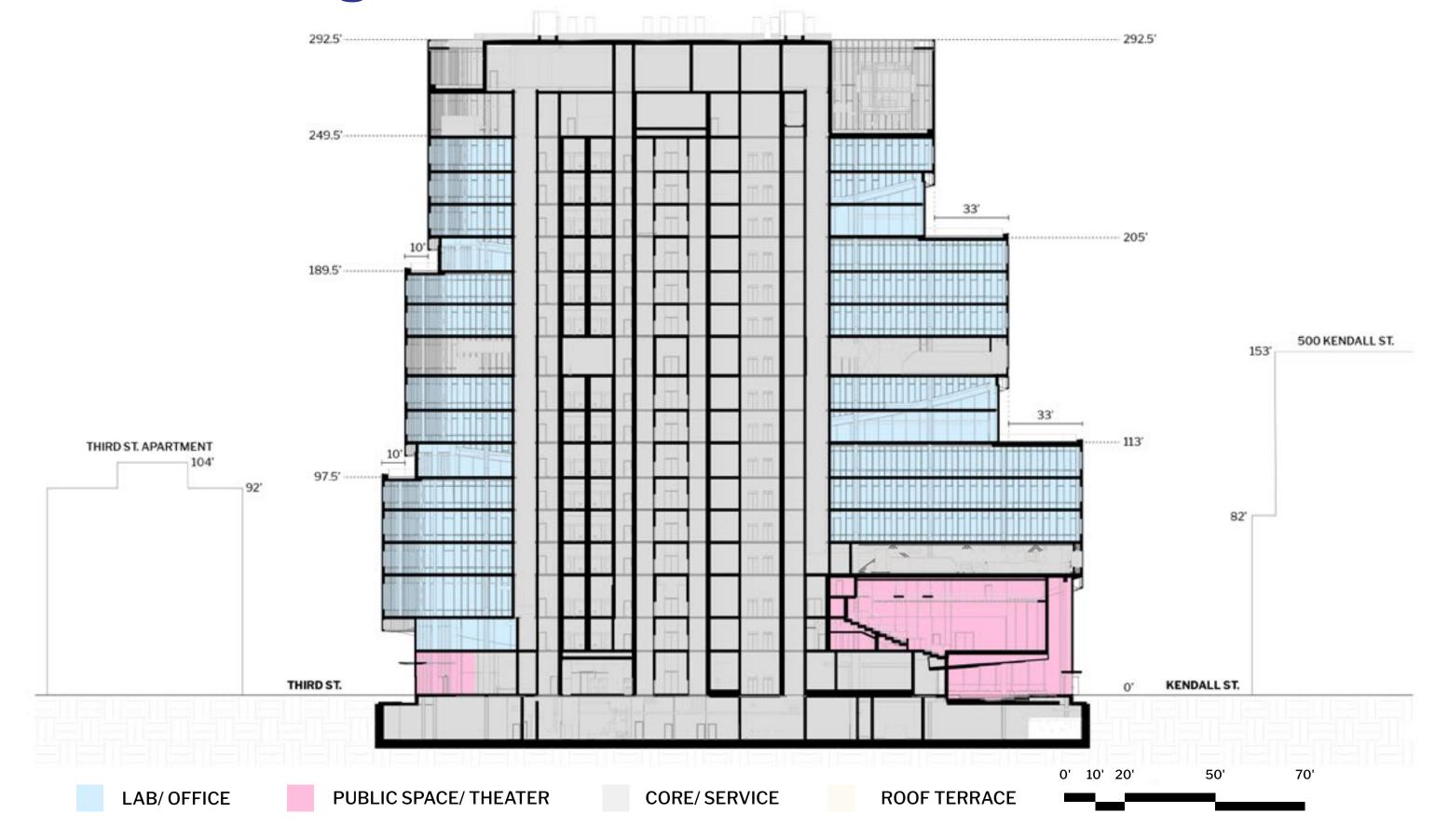
TOTAL ROOF AREAS			
TOTAL ROOF AREA FOR BUILDING MECHANICAL AND MAINTENANCE (EXEMPT)	18,522 SF		
TOTAL ROOF AREA FOR FUTURE MECHANICAL	9,762 SF		
TOTAL ROOF AREA FOR OCCUPIABLE TERRACES (EXEMPT)	17,266 SF		
TOTAL GREEN ROOF AREA	2,686 SF		
TOTAL ROOF AREA	48,236 SF		

GREEN ROOF AREA REQUIREMENT PER SECTION 22.35		
TOTAL NON-EXEMPT ROOF AREA	12,448 SF	
GREEN ROOF AREA REQUIREMENT (80% OF NON-EXEMPT ROOF AREA)	9,958 SF	
TOTAL GREEN ROOF AREA PROVIDED	2,686 SF	
TOTAL REDUCTION IN GREEN ROOF AREA BY SPECIAL PERMIT	7,272 SF	

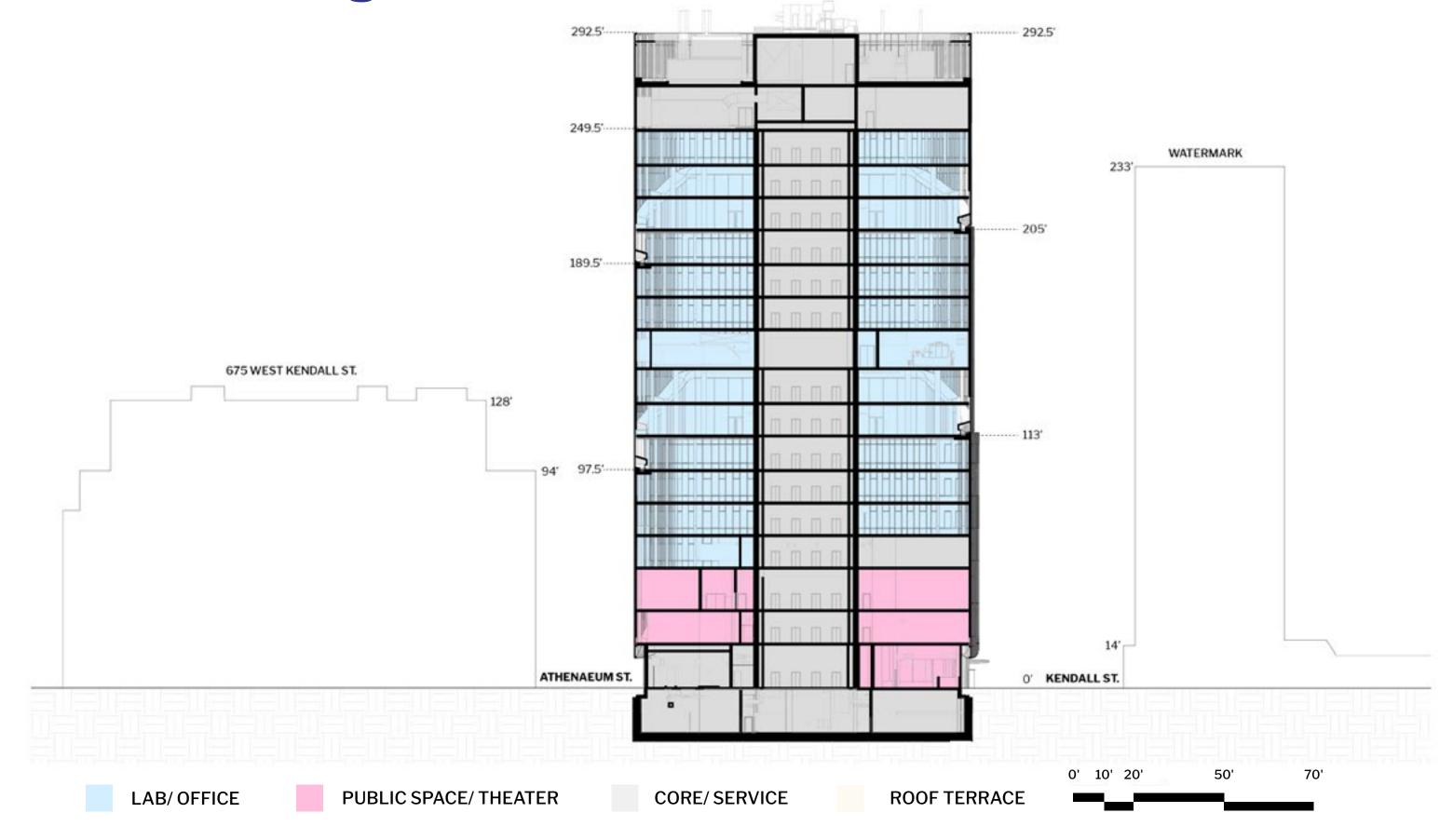
#### 2.28 Roof Area In 3D



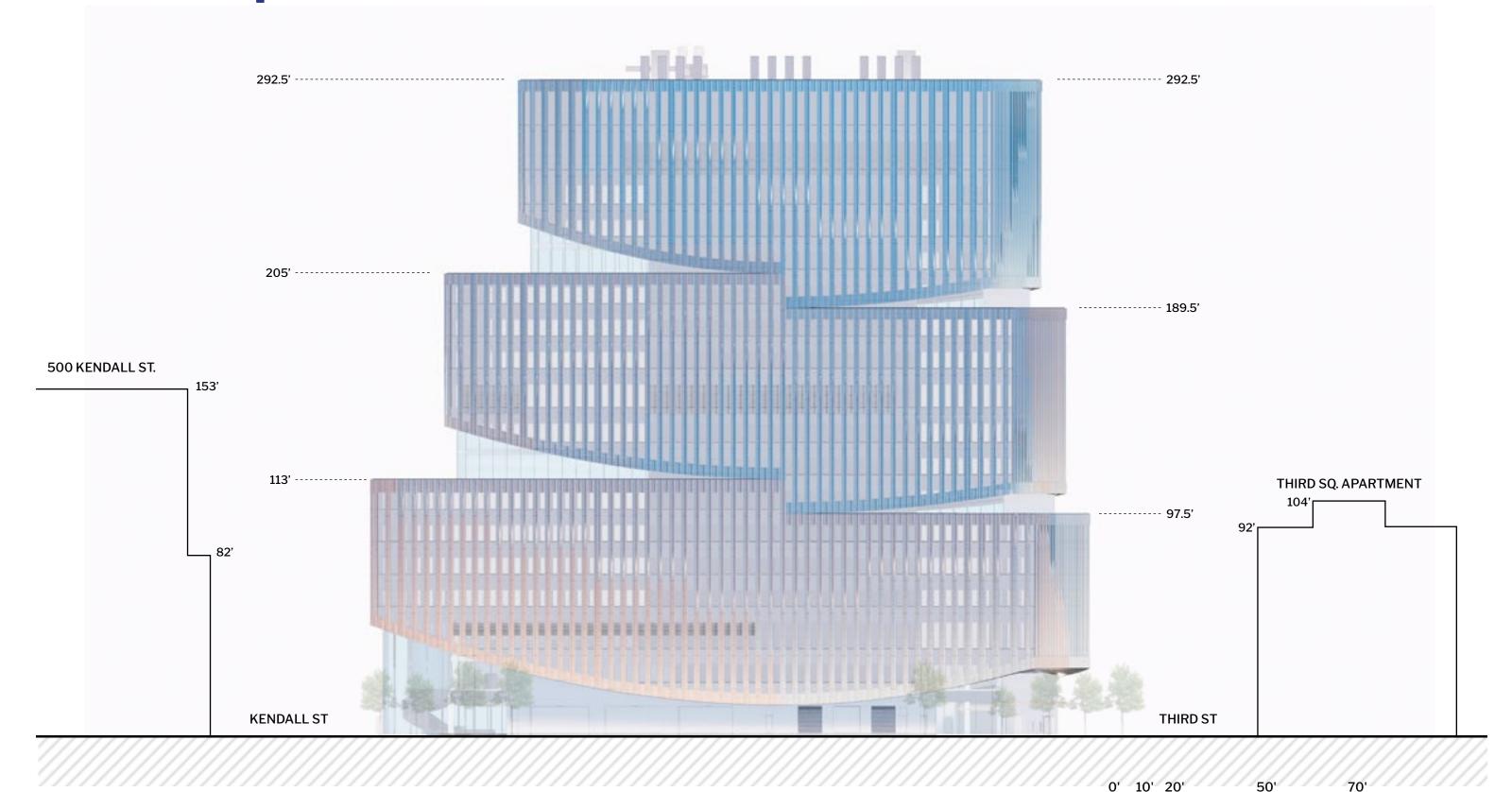
#### 2.29A Building Section - East/West



#### 2.29B Building Section - North/South

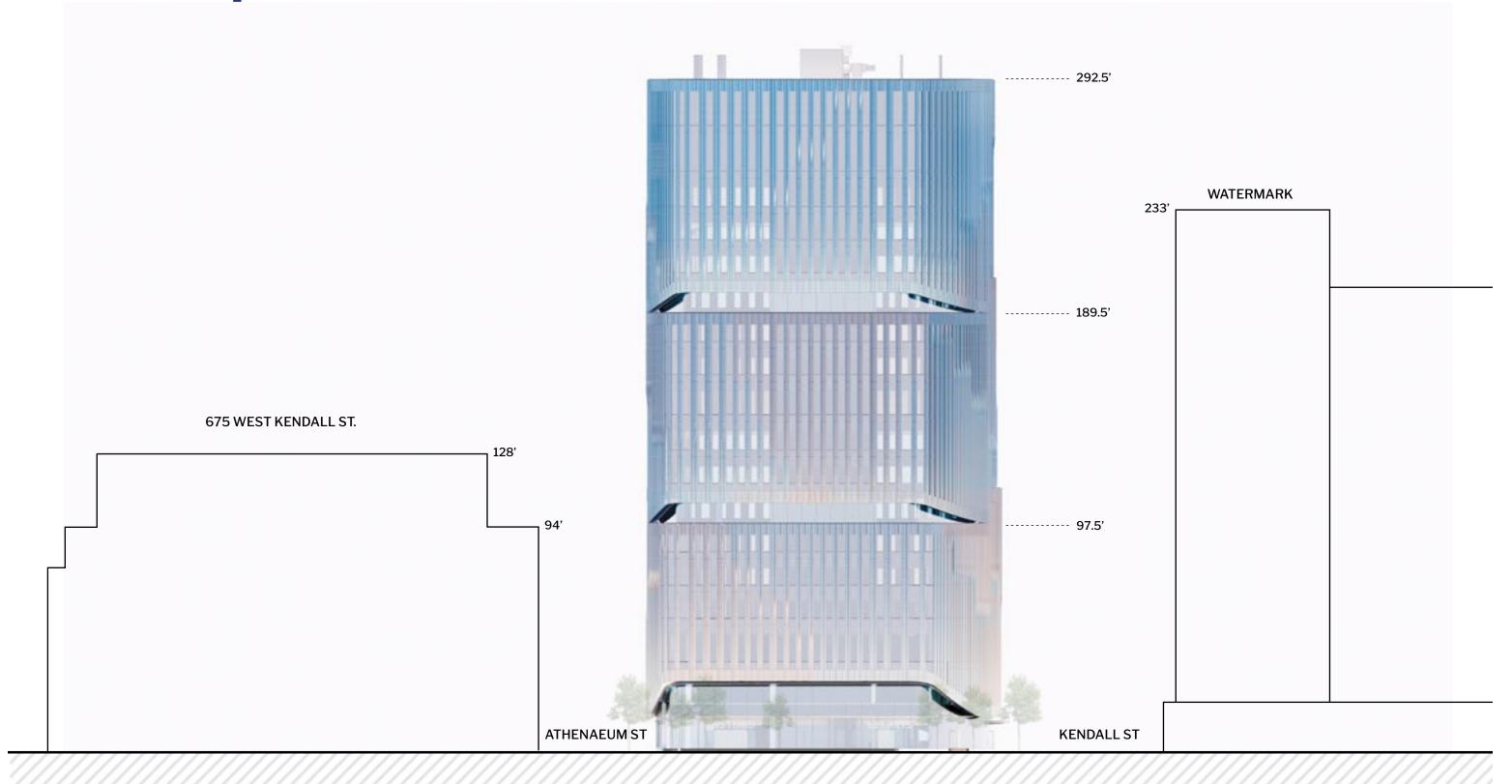


### 2.30 Proposed Elevations - North



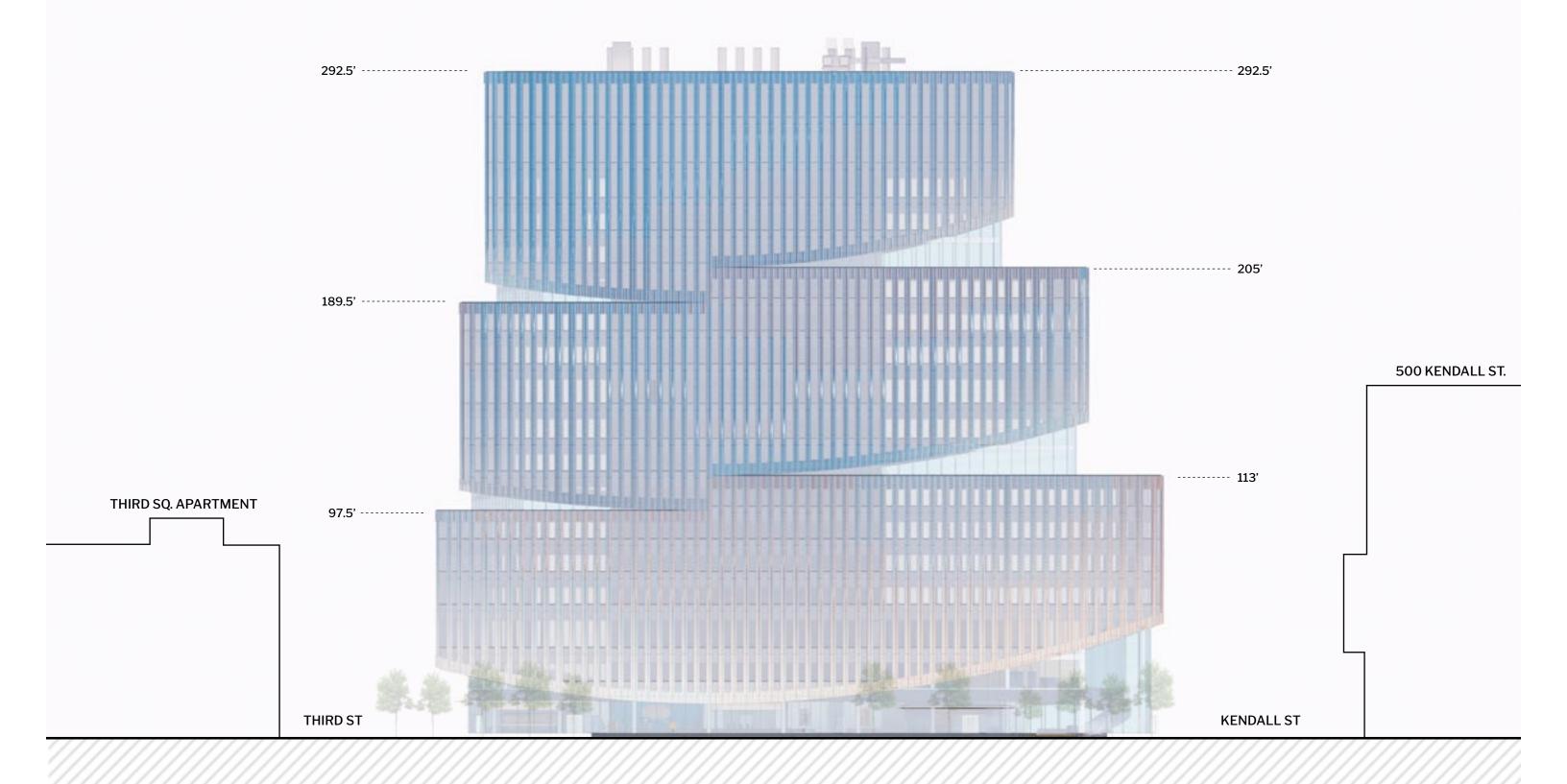
North

### 2.31 Proposed Elevations - West



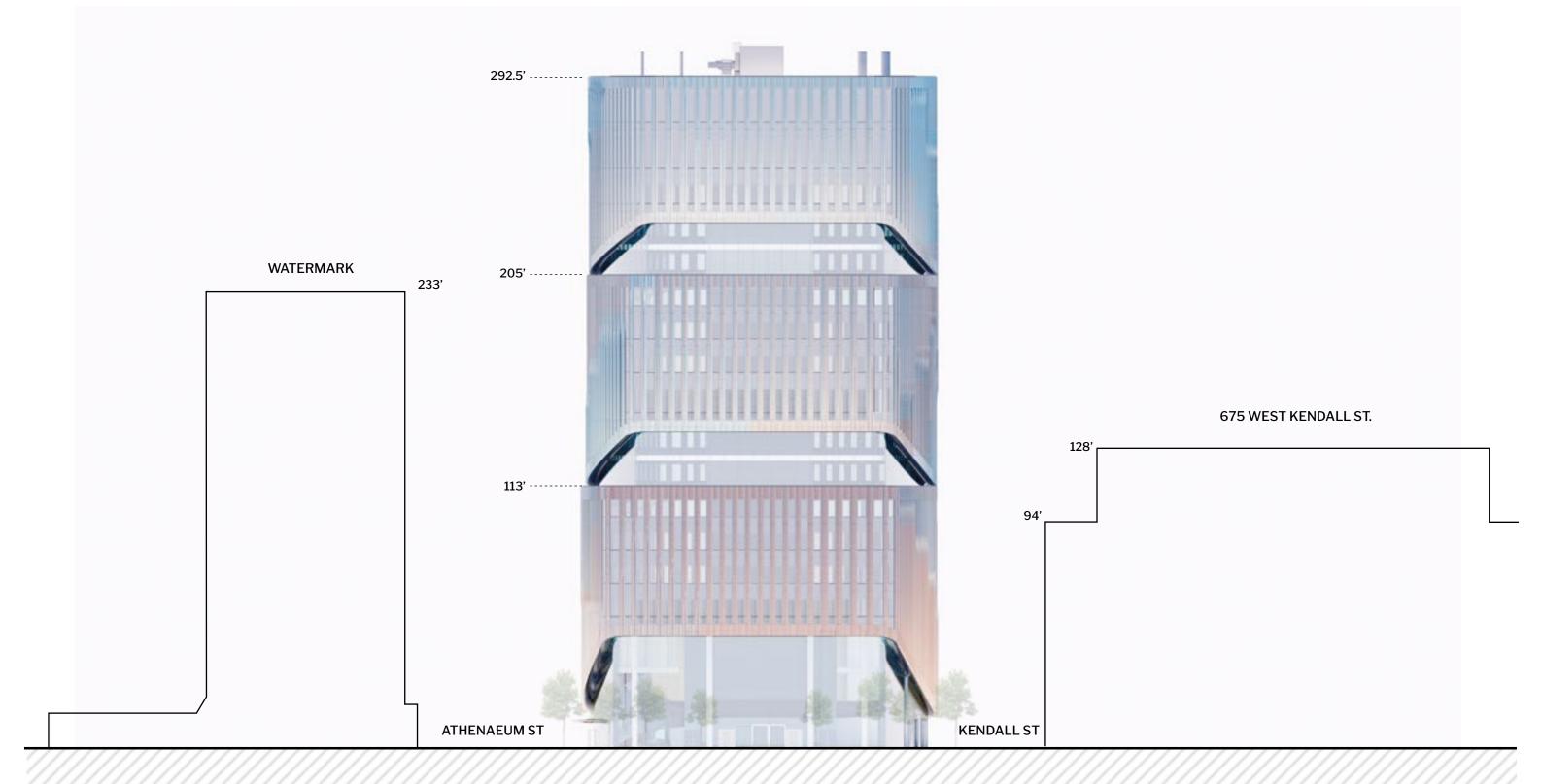
West 0' 10' 20' 50' 70'

# 2.32 Proposed Elevations - South

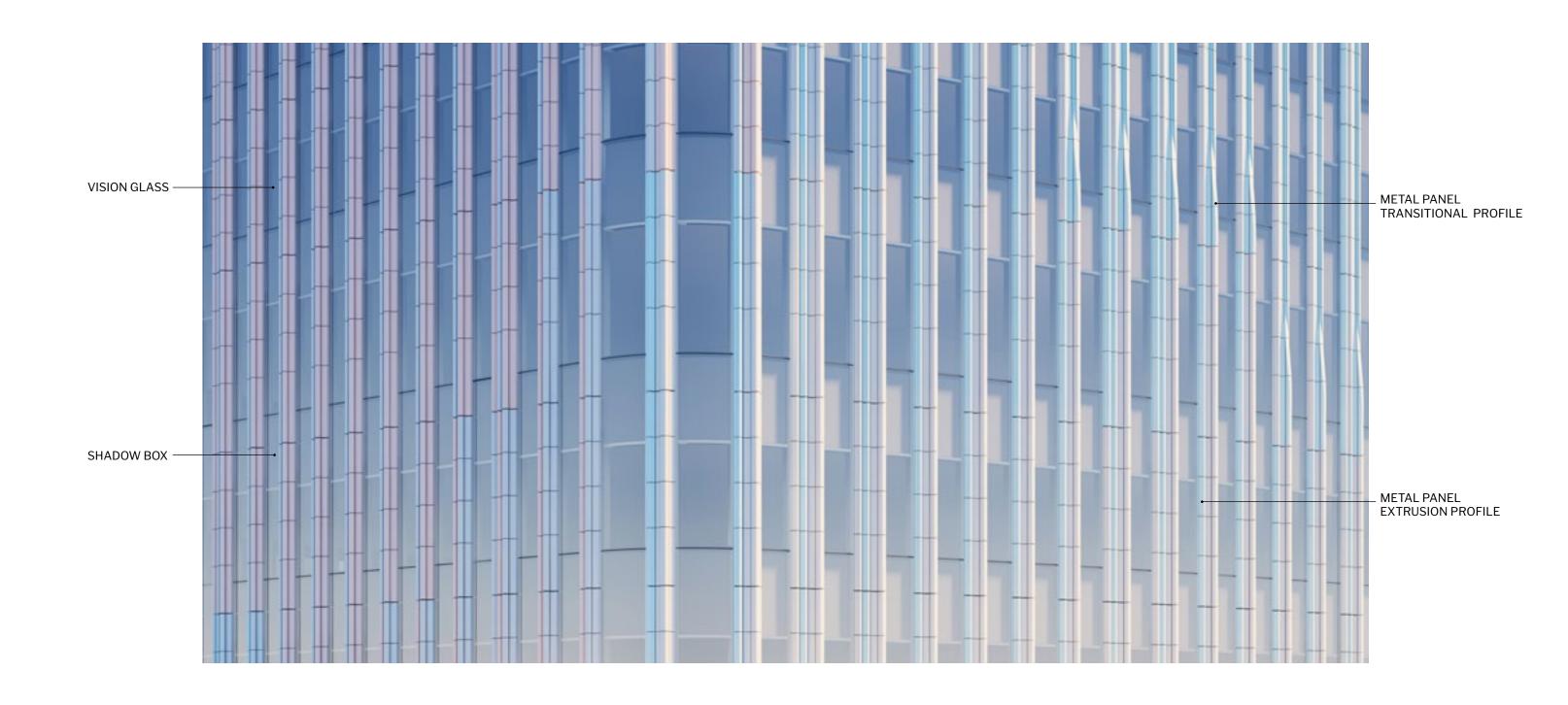


South

### 2.33 Proposed Elevations - East



#### 2.34 Facade - Color & Pattern

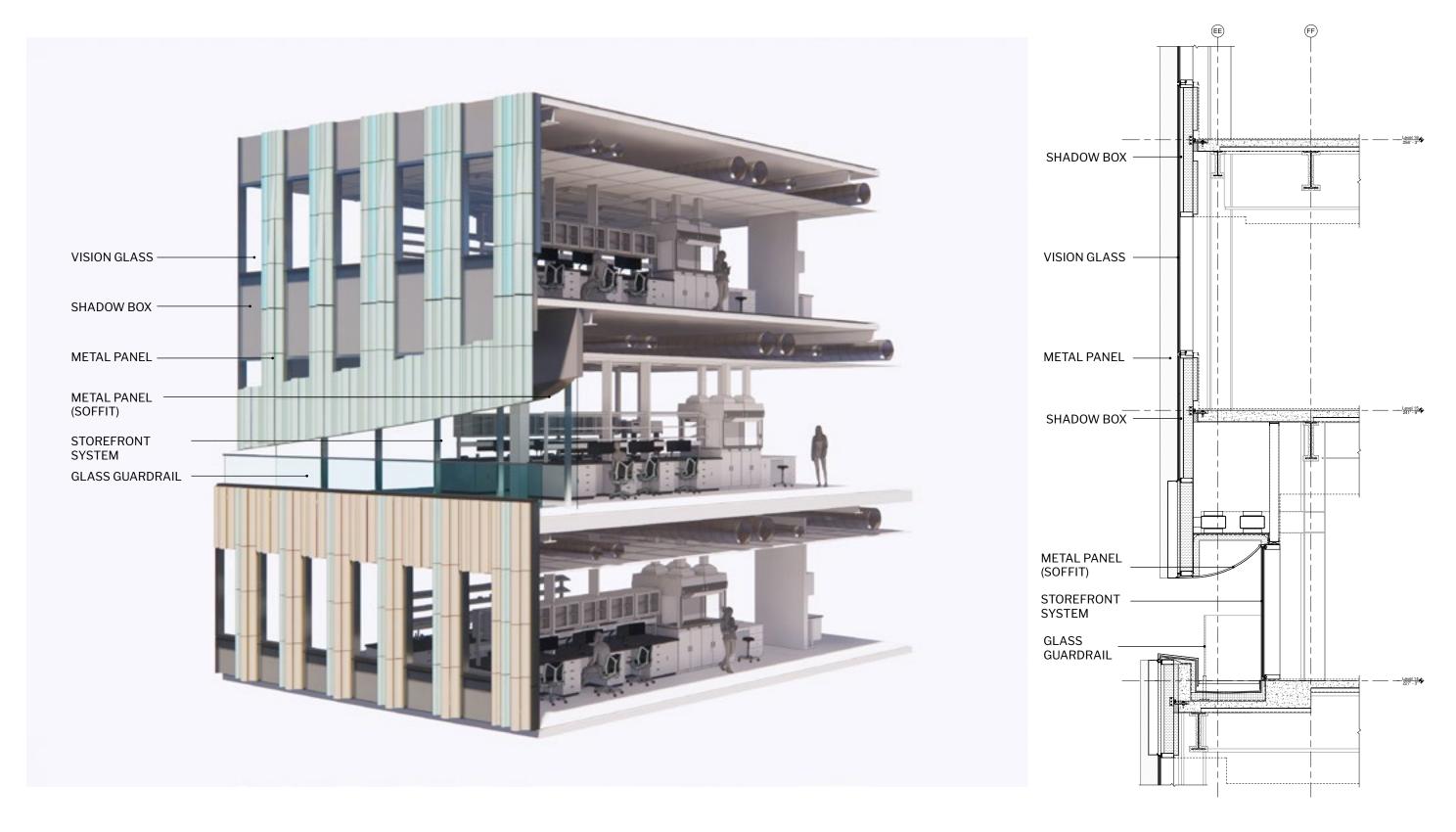


#### 2.35 Facade Assembly - Typical



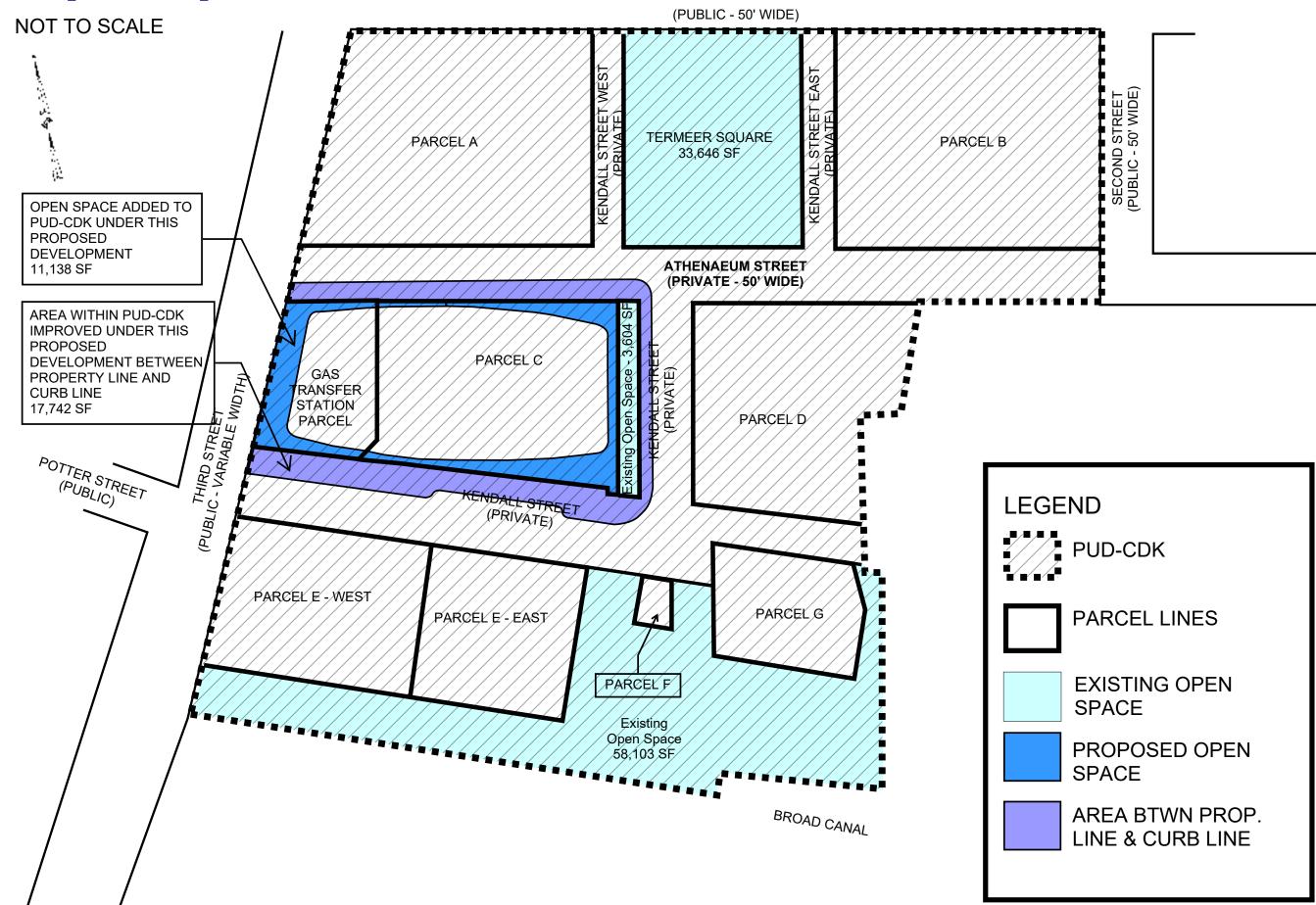
**Typical Wall Section** 

#### 2.36 Facade Assembly - Terraces Above and Below



**Typical Wall Section** 

#### 3.1 Open Space Plan





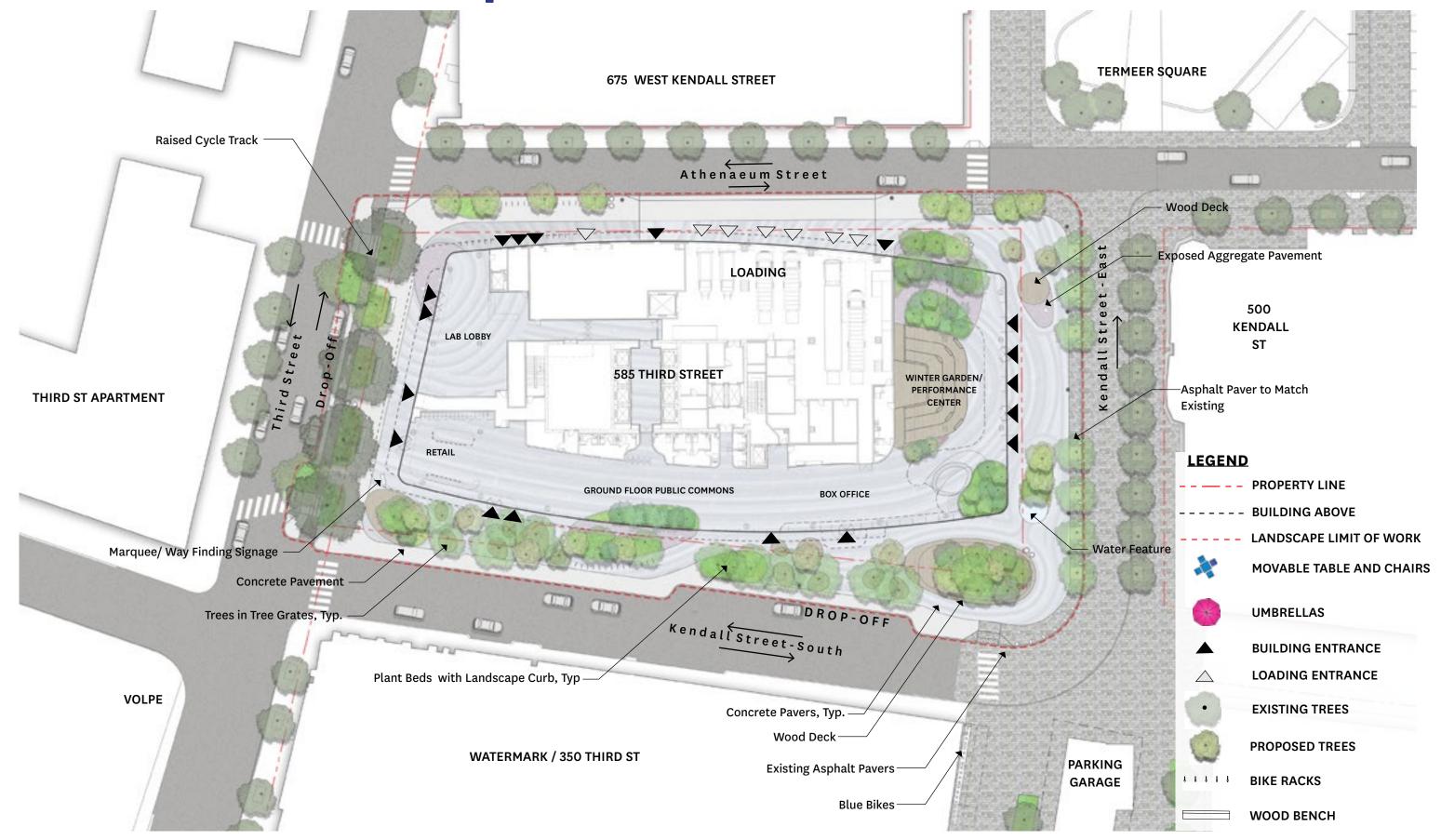
### 3.3 Ground Floor and Activation Plan



ILLUSTRATIVE DIAGRAM INCLUDED TO HIGHLIGHT PARTICULAR AREAS AND USES WITHIN THE GROUND FLOOR PUBLIC AREAS

# 2nd and 3rd Floor Activation Plan CLASSROOM/ REHEARSAL ROOM 2,100 SF THEATER 6,500 SF TENANT AREA 18,300 SF THEATER OFFICE ILLUSTRATIVE AXON DIAGRAM INCLUDED TO SHOW SPATIAL ARRANGEMENT OF ARTS AND CULTURE CENTER SQUARE FOOTAGES ARE APPROXIMATE

#### 3.5 Overall Landscape Plan





# 3.6 Landscape Plan - 3rd Street



BINNEY STREET, CAMBRIDGE, MVVA



LONSDALE STREET, AUSTRALIA, BKK ARCHITECT



#### **LEGEND**

-- - PROPERTY LINE

---- BUILDING ABOVE

--- LANDSCAPE LIMIT OF WORK

S. S.

MOVABLE TABLE AND CHAIRS



UMBRELLAS

BUILDING ENTRANCE



LOADING ENTRANCE



EXISTING TREES



PROPOSED TREES



**BIKE RACKS** 



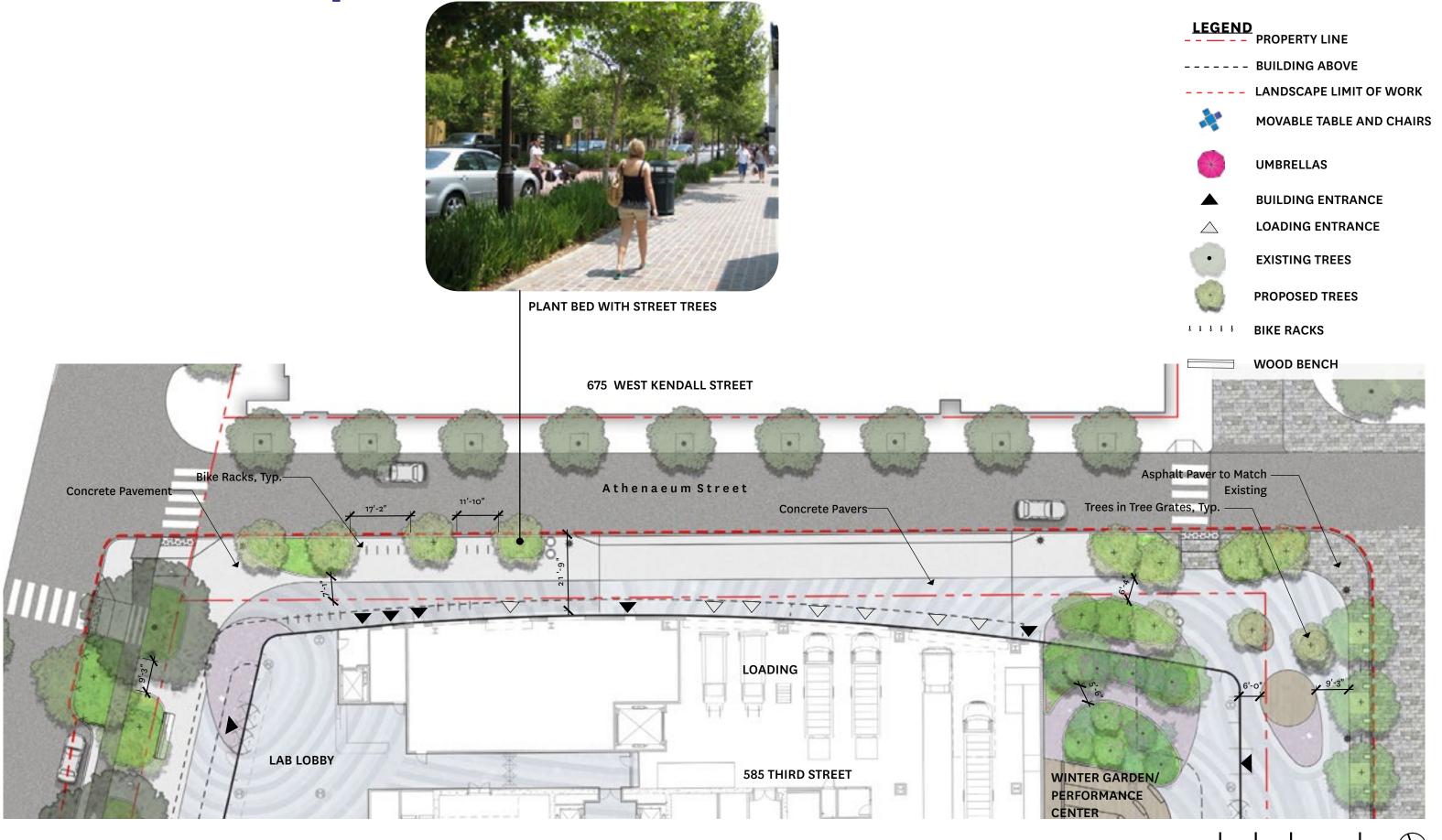
**WOOD BENCH** 



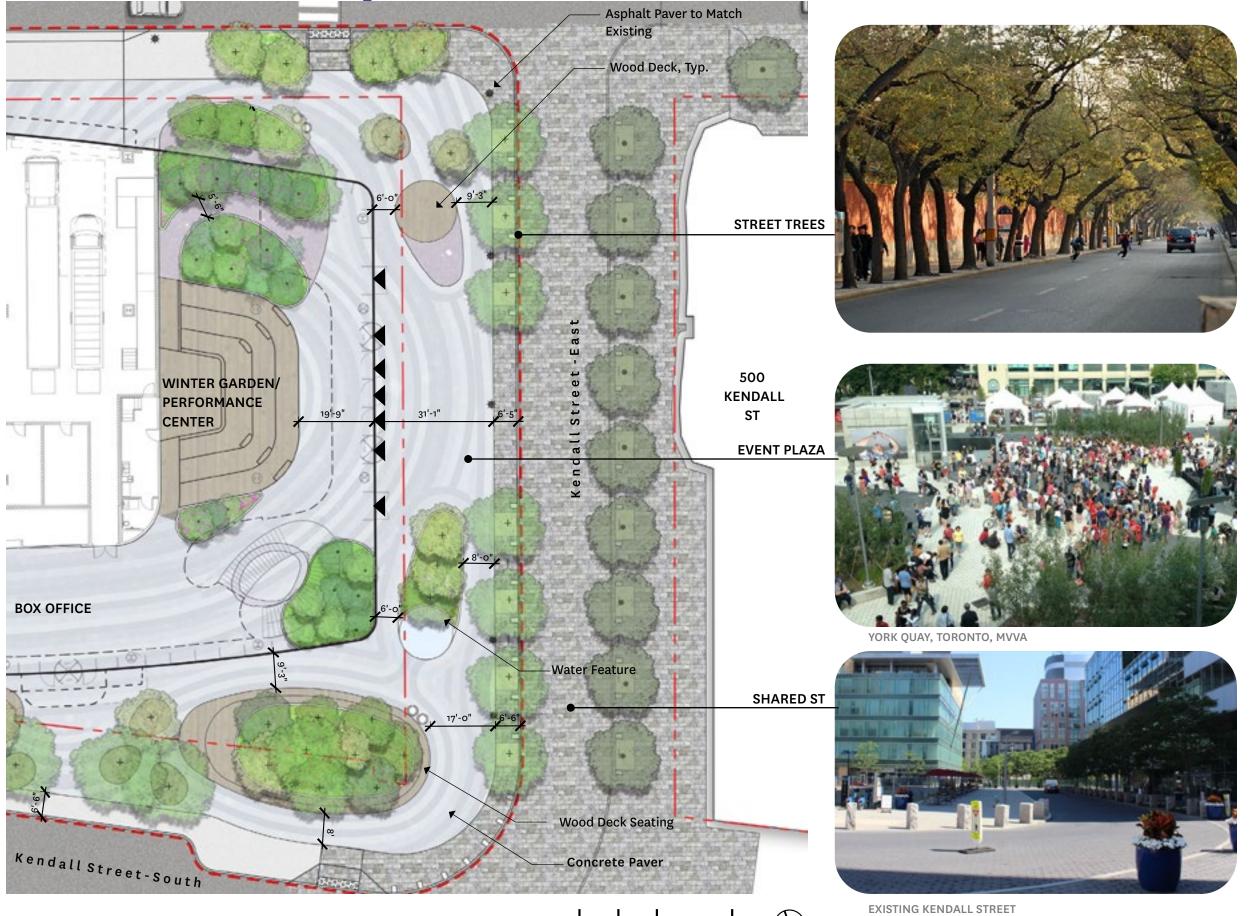
10



#### 3.7 Landscape Plan - Athenaeum Street



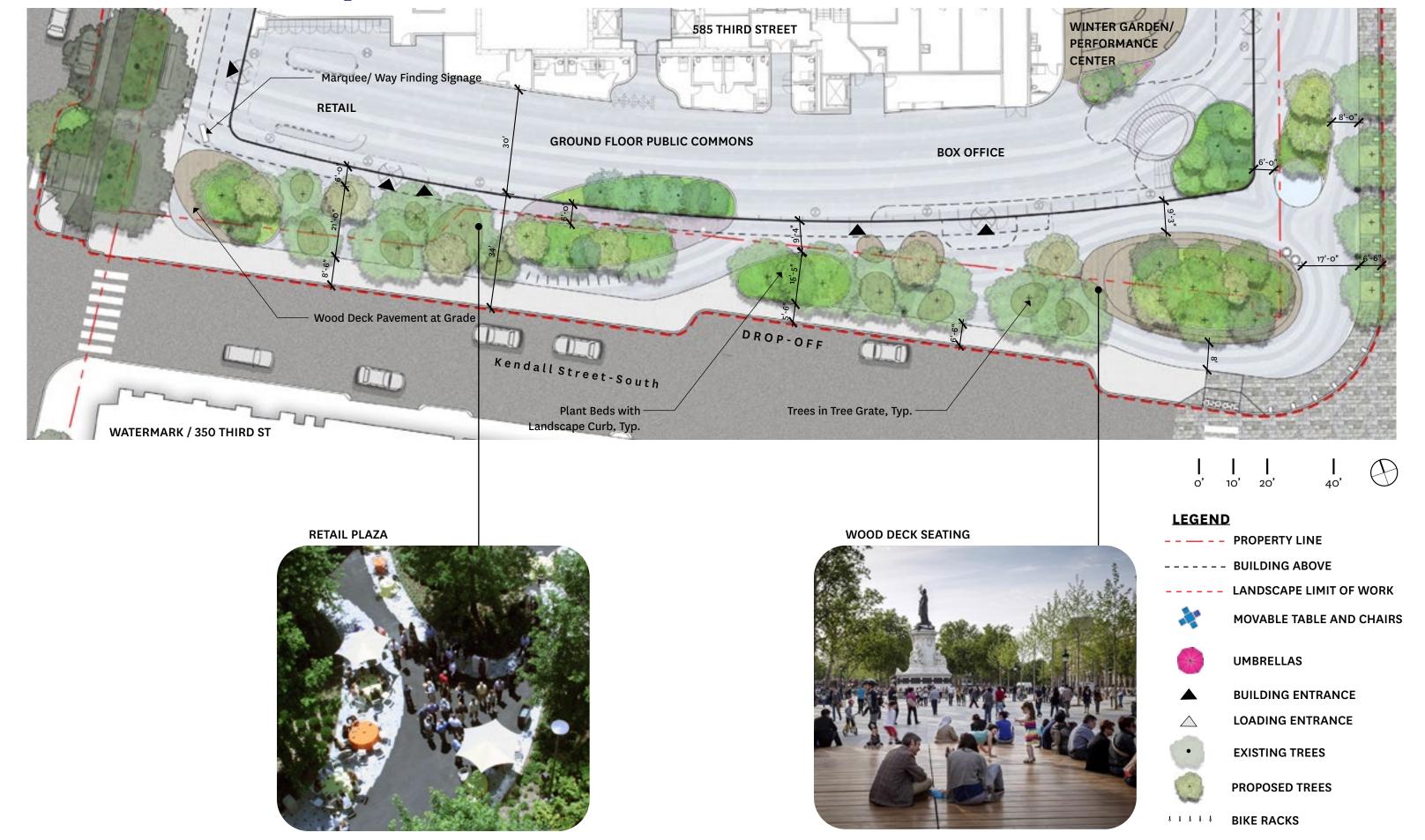
Landscape Plan - Kendall East and Winter Garden 3.8



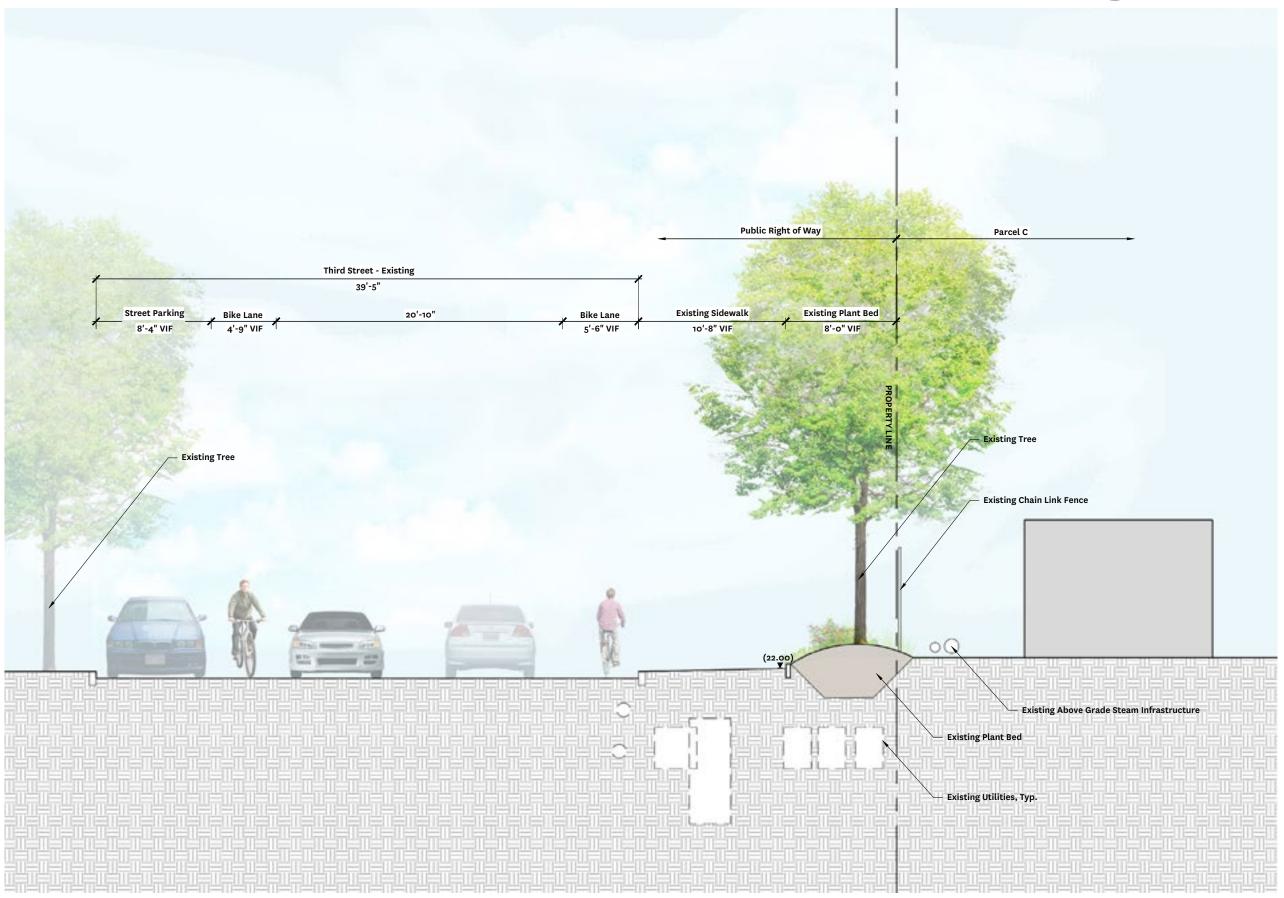
LEGEND PROPERTY LINE **BUILDING ABOVE** LANDSCAPE LIMIT OF WORK **MOVABLE TABLE AND CHAIRS UMBRELLAS BUILDING ENTRANCE** LOADING ENTRANCE **EXISTING TREES PROPOSED TREES BIKE RACKS** 

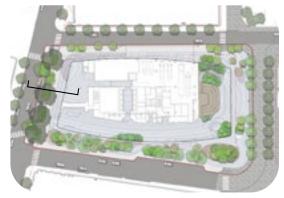
**WOOD BENCH** 

#### 3.9 Landscape Plan - Kendall Street

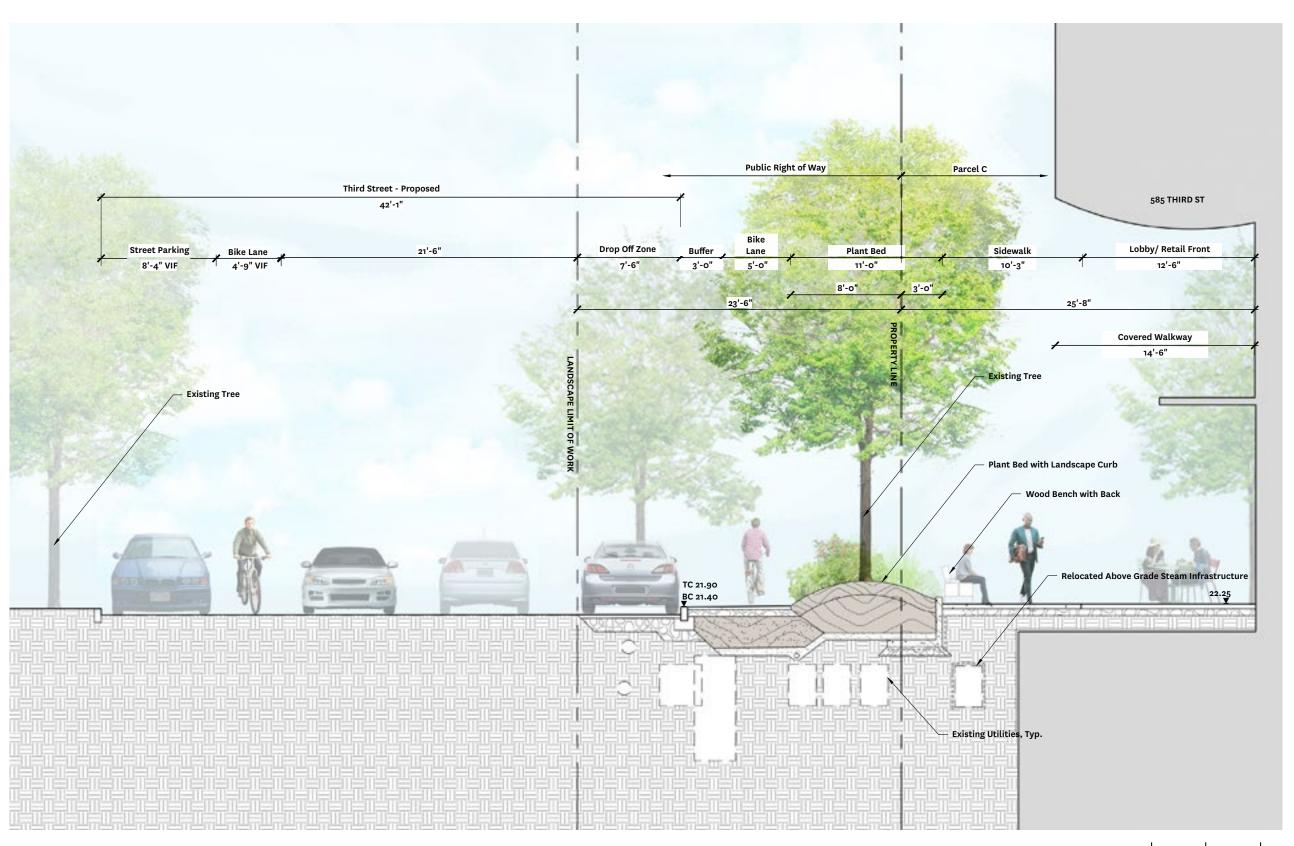


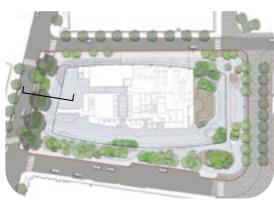
### 3.10A Street Section - Third Street (Existing)



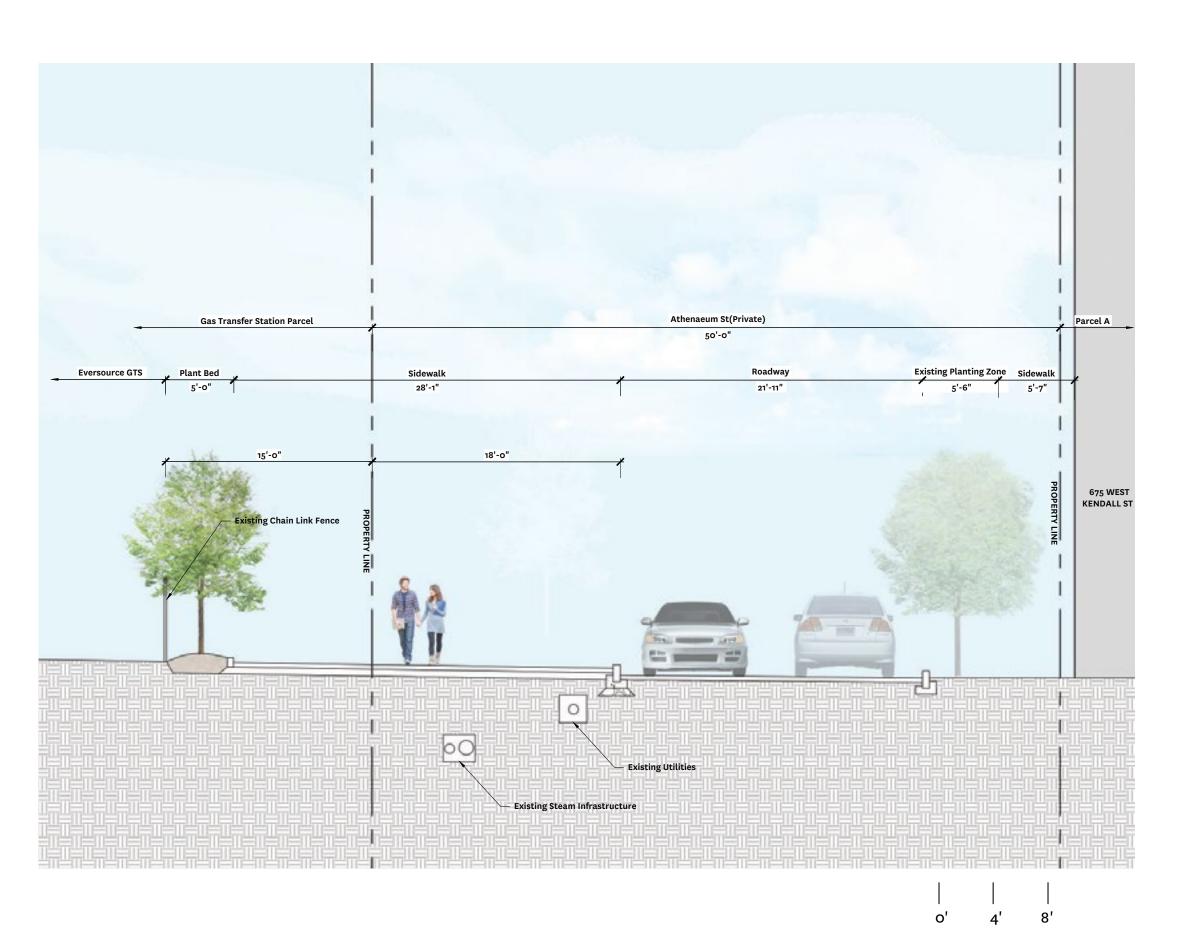


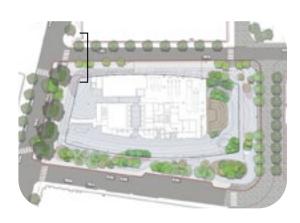
### 3.10B Street Section - Third Street (Proposed)



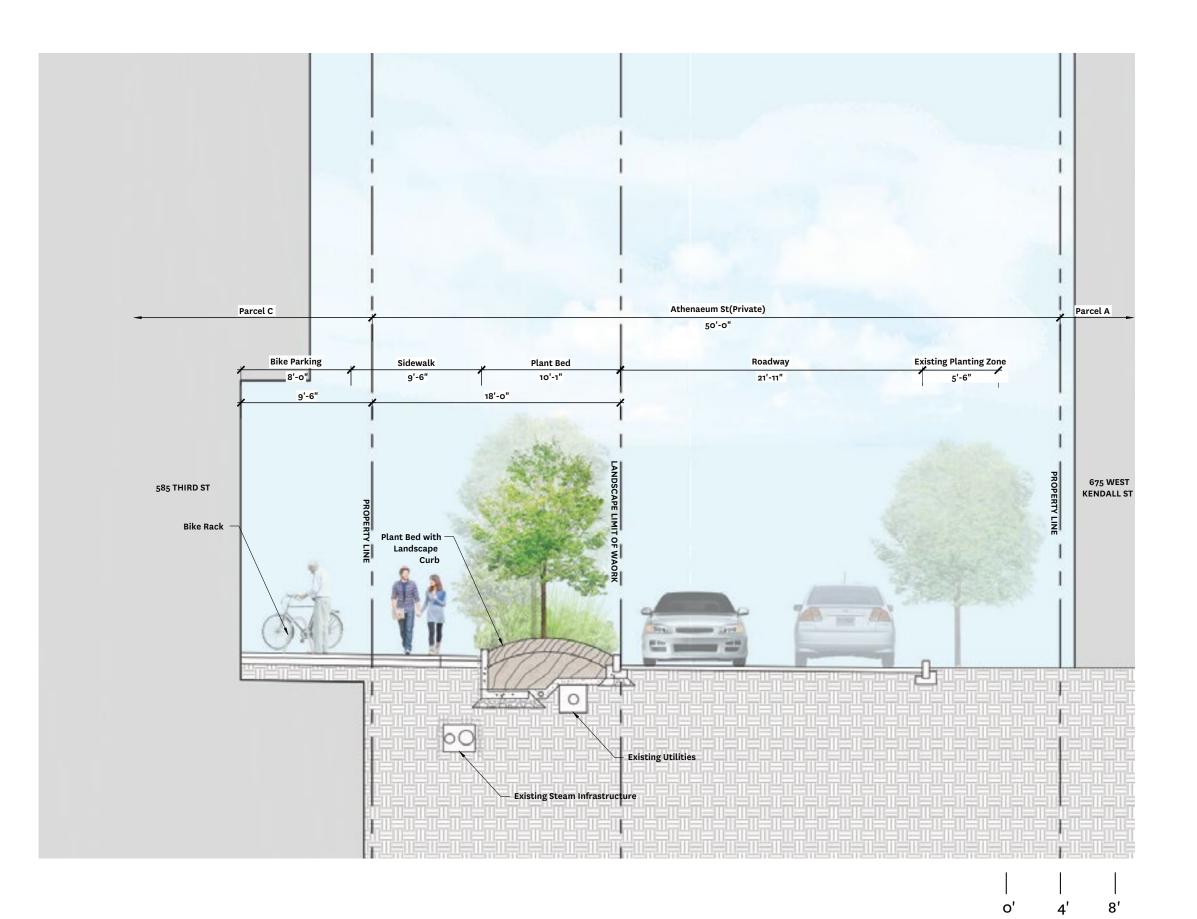


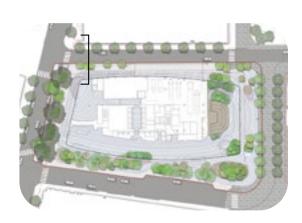
### 3.11A Street Section - Athenaeum Street (Existing)



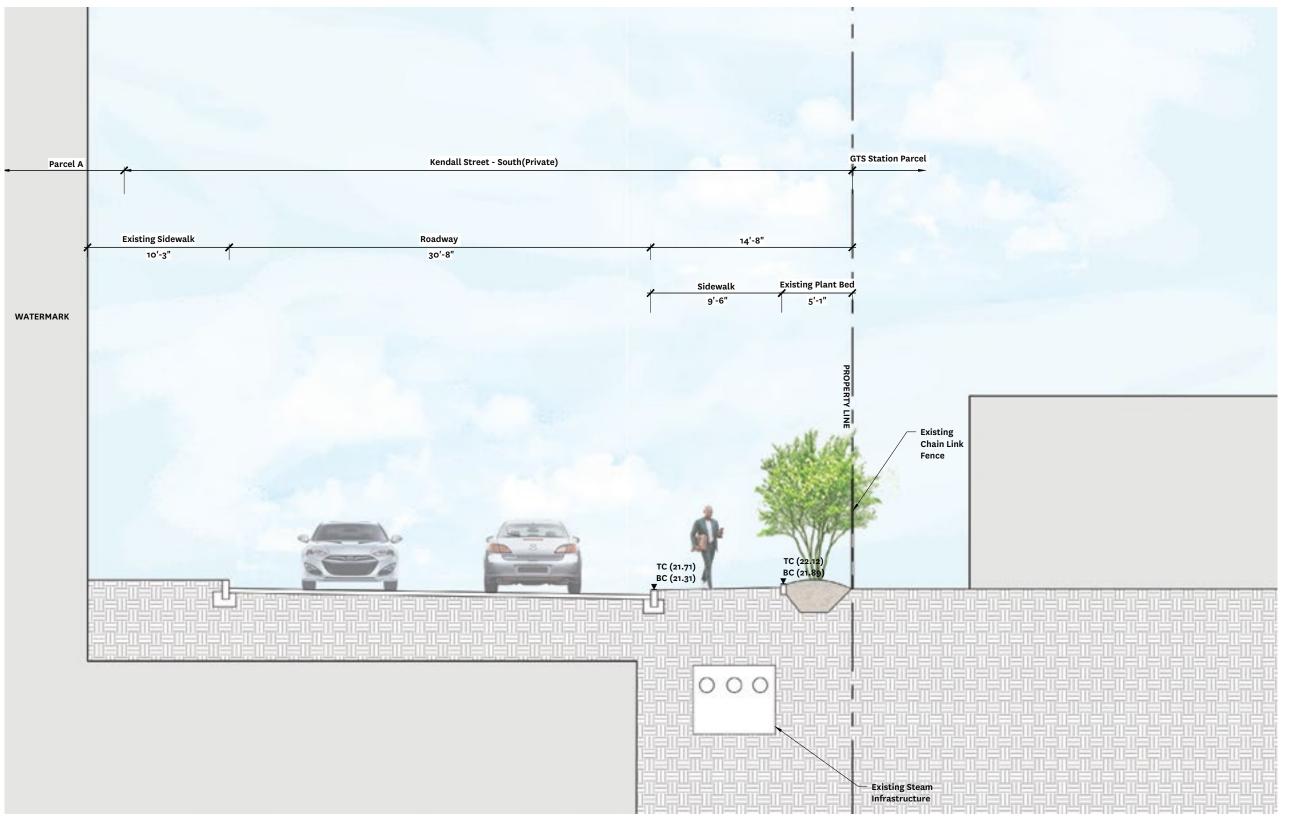


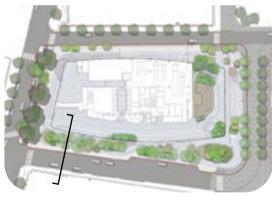
### 3.11B Street Section - Athenaeum Street (Proposed)



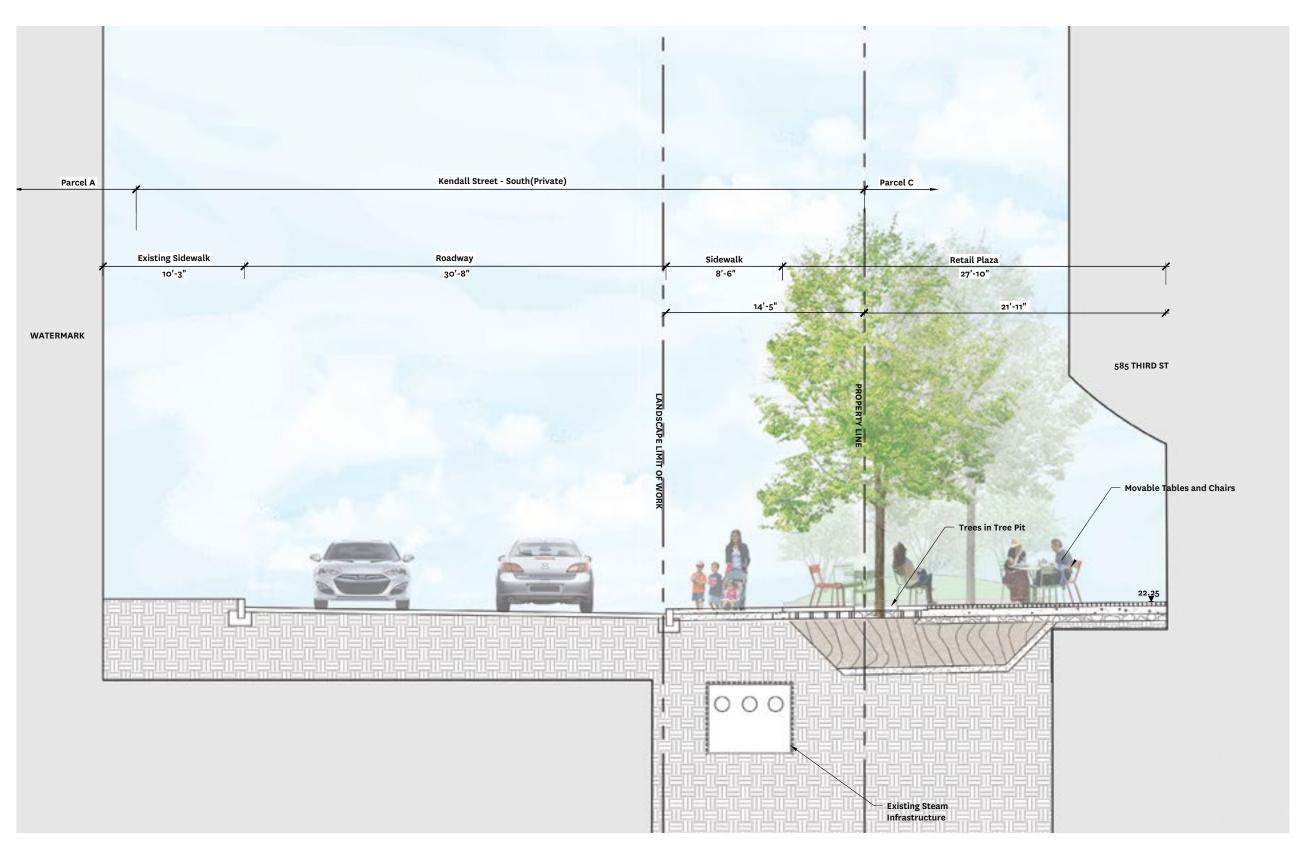


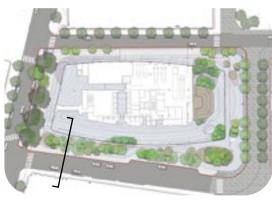
### 3.12A Street Section - Kendall Street South (Existing)



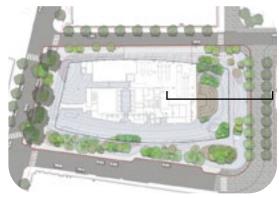


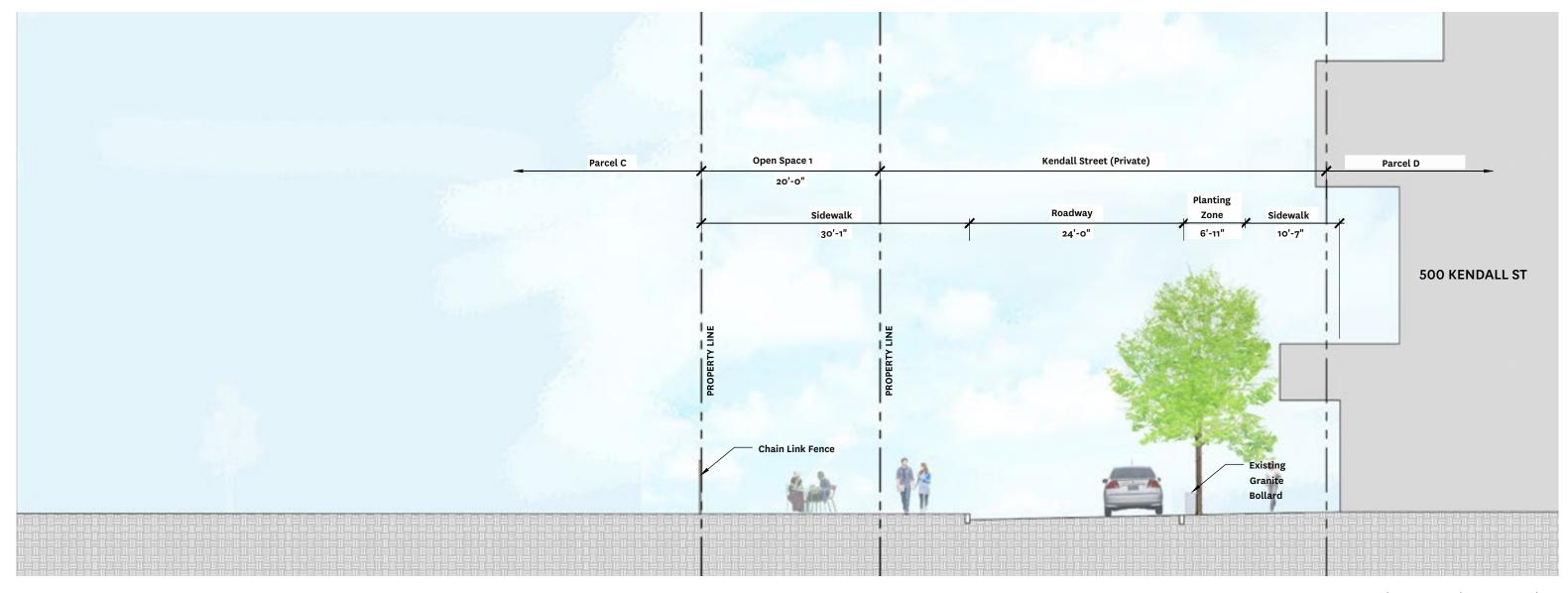
# 3.12B Street Section - Kendall Street South (Proposed)



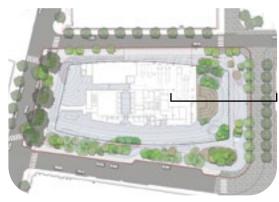


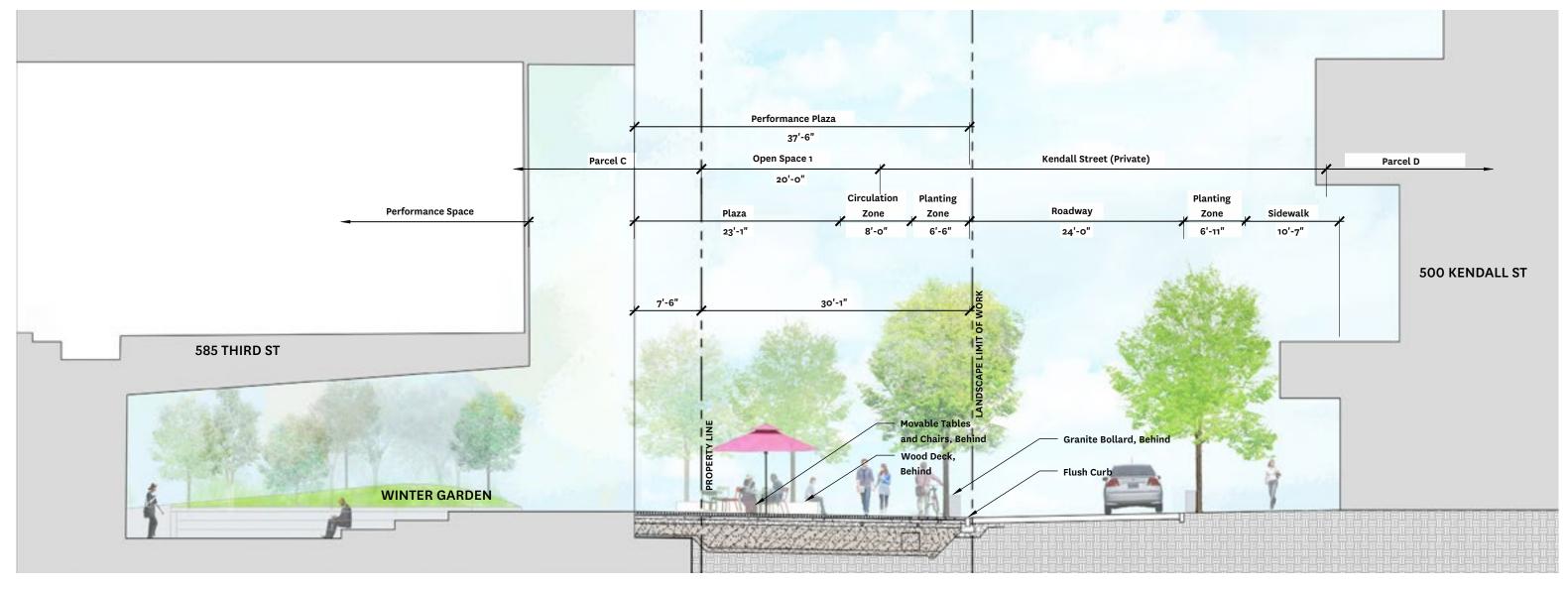
#### 3.13A Street Section - Kendall Street East (Existing)



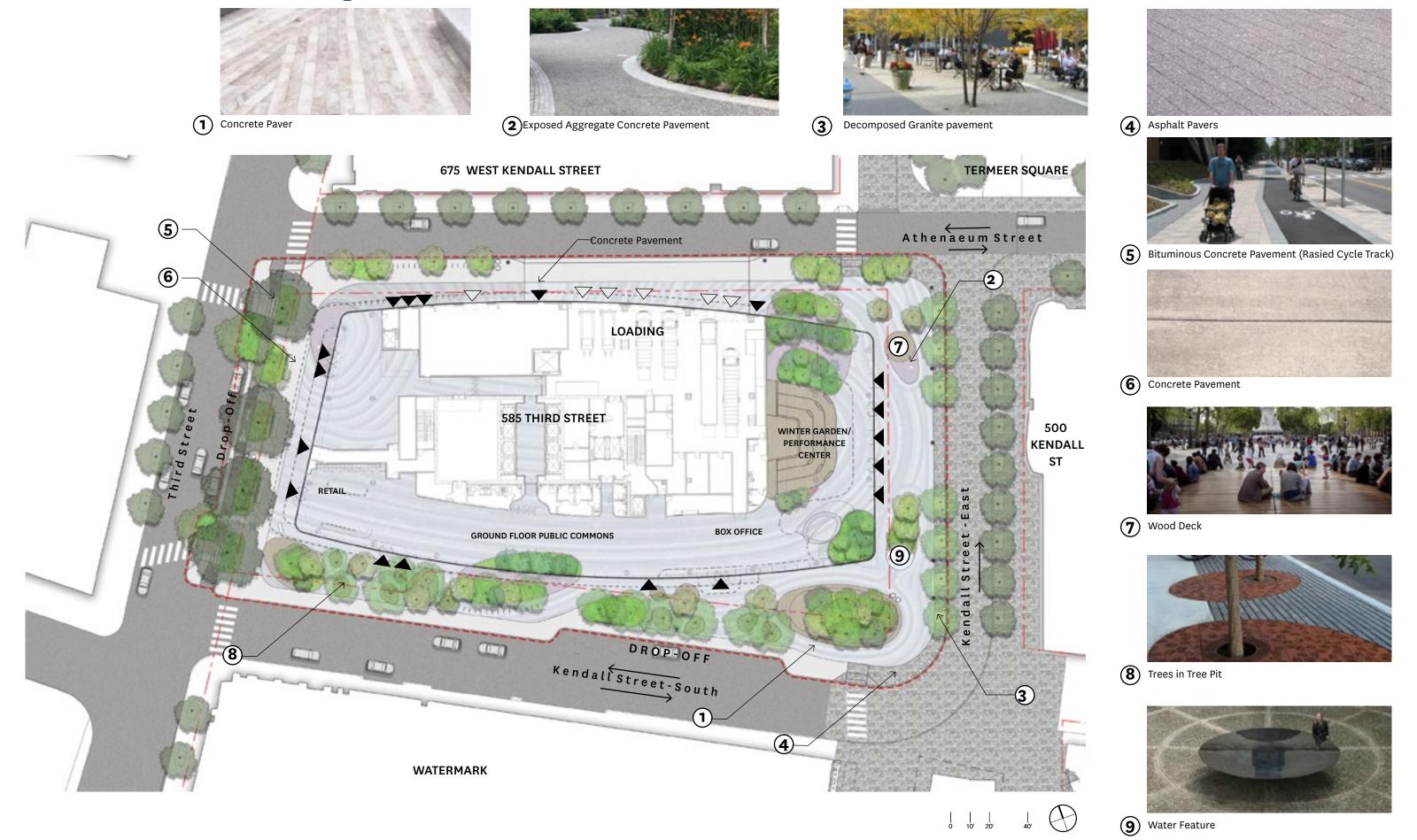


# 3.13B Street Section - Kendall Street East (Proposed)

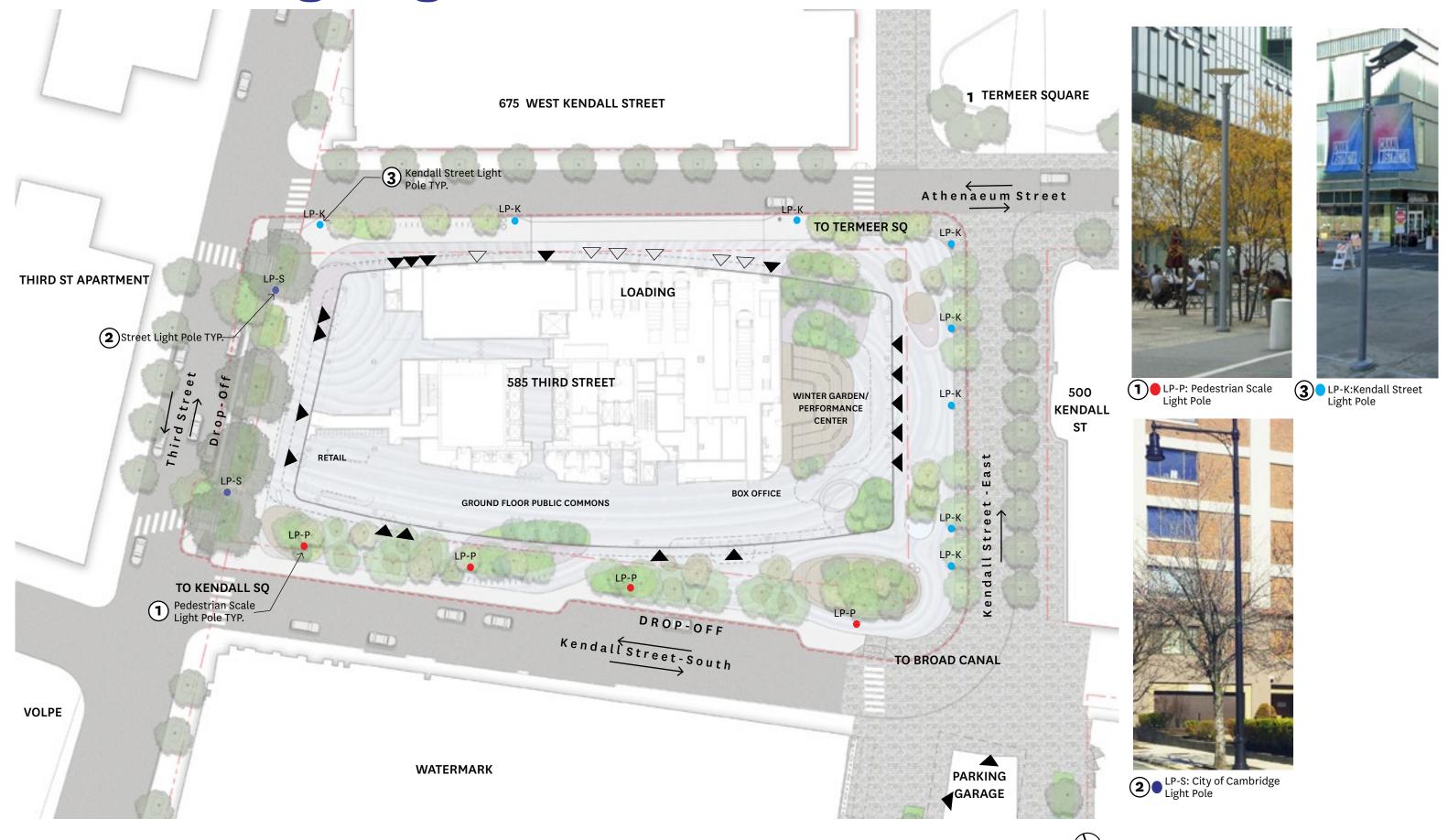




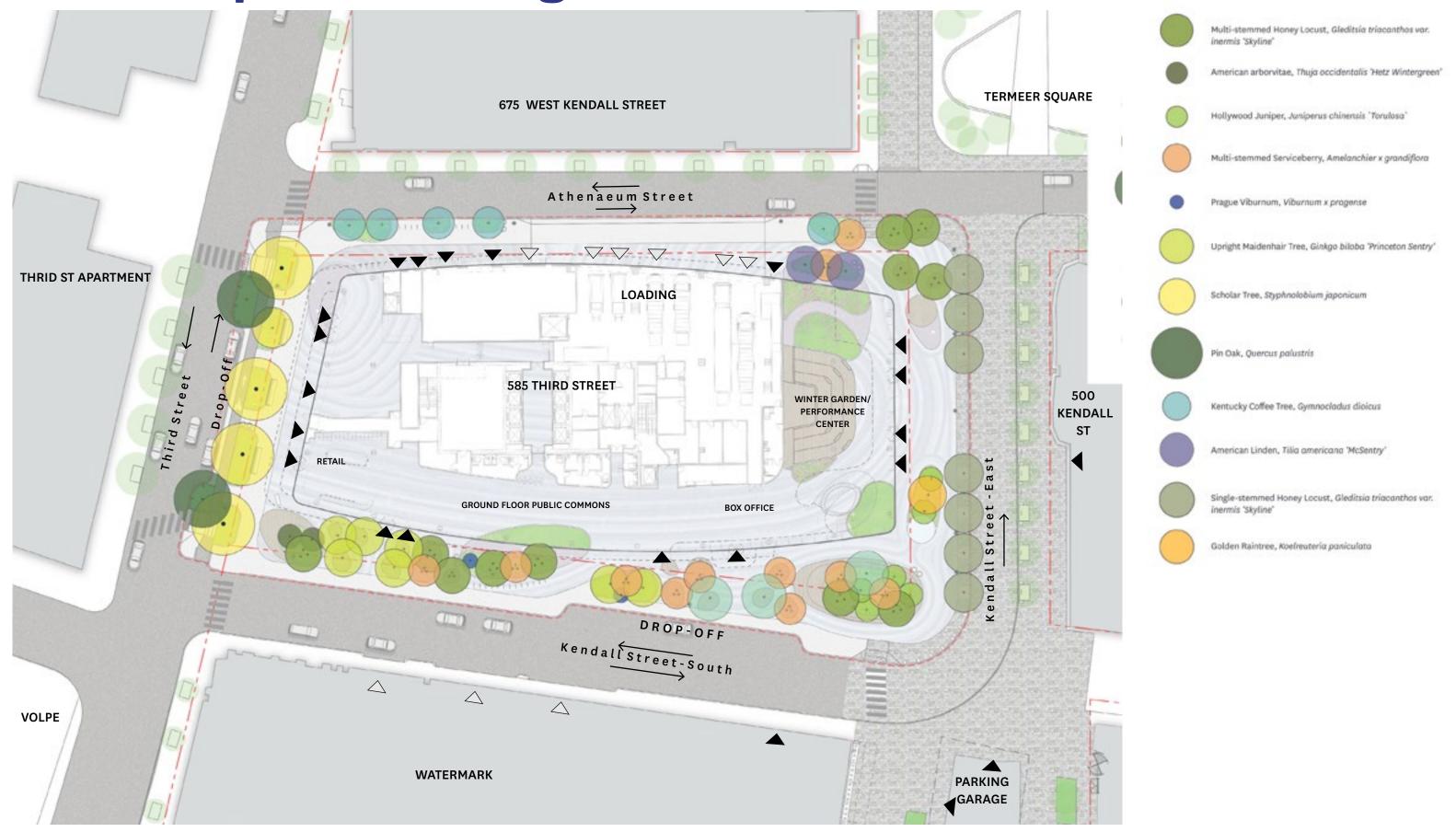
#### 3.14 Landscape Material Plan



#### 3.15 Site Lighting Plan



#### 3.16 Proposed Planting Plan



#### 3.17 Open Space Trees



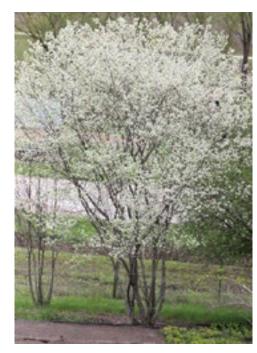
Multi-stemmed Honey Locust, Gleditsia triacanthos var. inermis 'Skyline'



American arborvitae, Thuja occidentalis 'Hetz Wintergreen'



Hollywood Juniper,
Juniperus chinensis `Torulosa`



Multi-stemmed Serviceberry, *Amelanchier x grandiflora* 



Prague Viburnum, *Viburnum x pragense* 



Upright Maidenhair Tree, Ginkgo biloba 'Princeton Sentry'



Scholar Tree, Styphnolobium japonicum



Pin Oak, Quercus palustris



Kentucky Coffee Tree, Gymnocladus dioicus



American Linden,
Tilia americana 'McSentry'

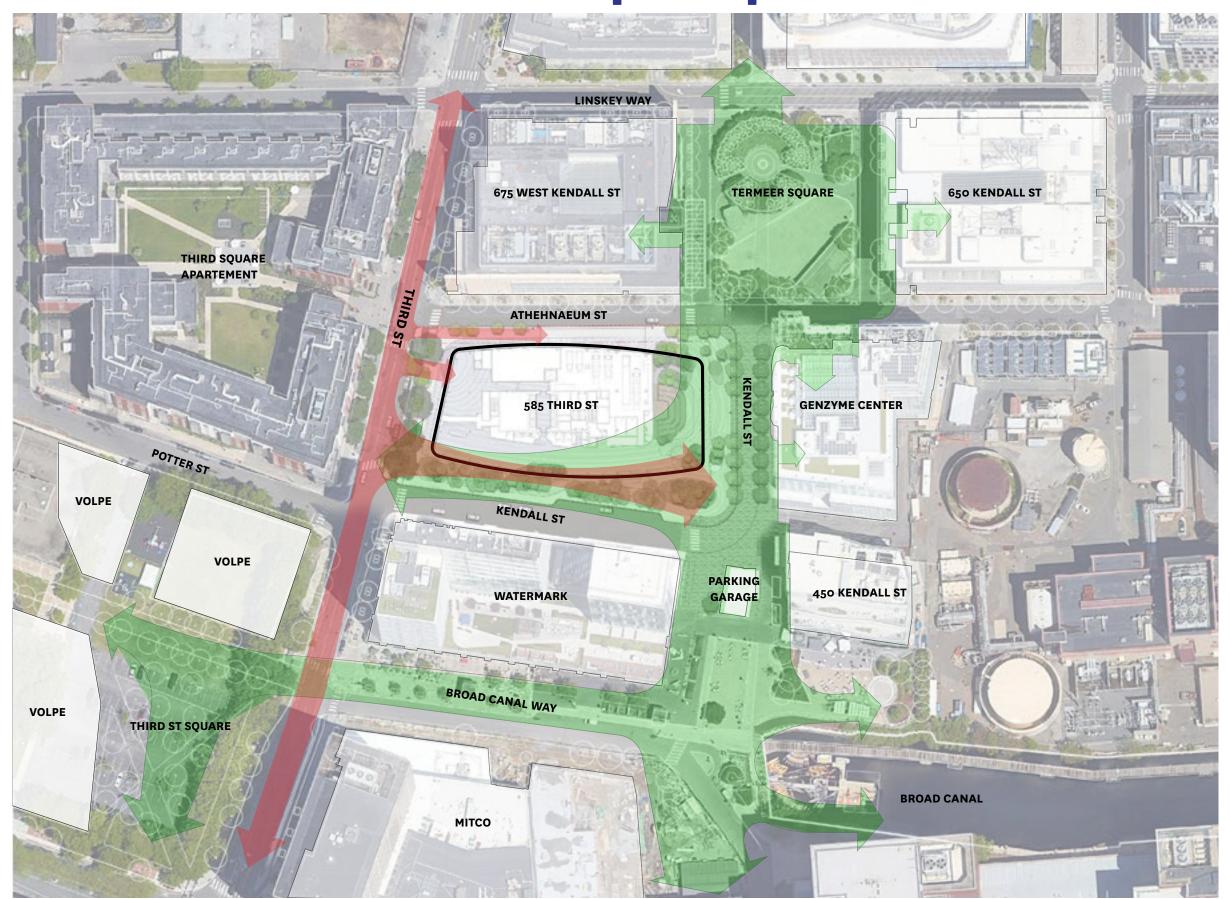


Single-stemmed Honey Locust, Gleditsia triacanthos var. inermis 'Skyline'



Golden Raintree, Koelreuteria paniculata

#### 3.18A Context Plan - Open Space Connection



SITE CONTEXT DIAGRAM INCLUDED TO SHOW HOW PROPOSED PROJECT CONNECTS AND ENHANCES THE EXISTING THIRD STREET CORRIDOR TO THE WEST AS WELL AS THE EXISTING PUBLIC SPACE CORRIDOR TO THE EAST AND MERGES THE TWO WITHIN THE SITE

#### **LEGEND**



**OPEN SPACE CONNECTION** 



THIRD ST CONNECTION

| | o' 15' :

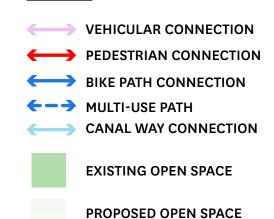
(

#### 3.18B Site Access & Connection



SITE CONTEXT DIAGRAM INCLUDED TO HIGHLIGHT IMPORTANT CIRCULATION CORRIDORS ACROSS DIFFERENT MODES AND HOW THEY WILL BE AFFECTED AND IMPROVED THROUGH PROPOSED PROJECT

#### **LEGEND**



3.18C Site Connectivity and Circulation

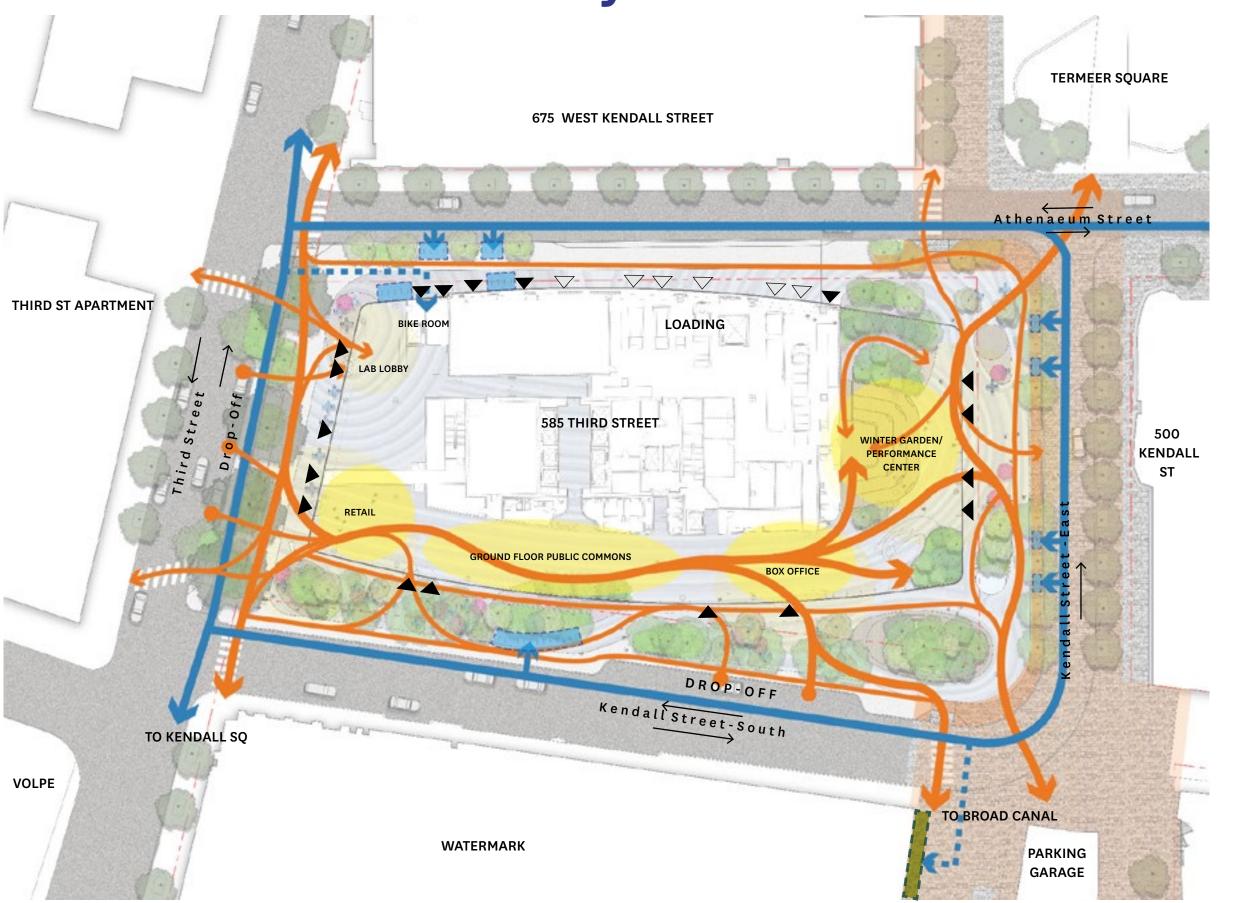


DIAGRAM INCLUDED TO HIGHLIGHT IMPORTANT CIRCULATION CORRIDORS WITHIN THE PROJECT BOUNDARIES

#### **LEGEND**





PEDESTRIAN CIRCULATION



**BIKE PARKING** 



**BLUEBIKES** 

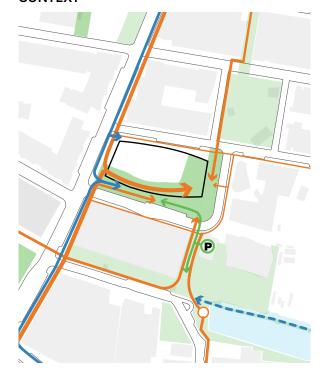


**PROGRAM NODES** 



**SHARED ST** 

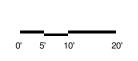
#### CONTEXT



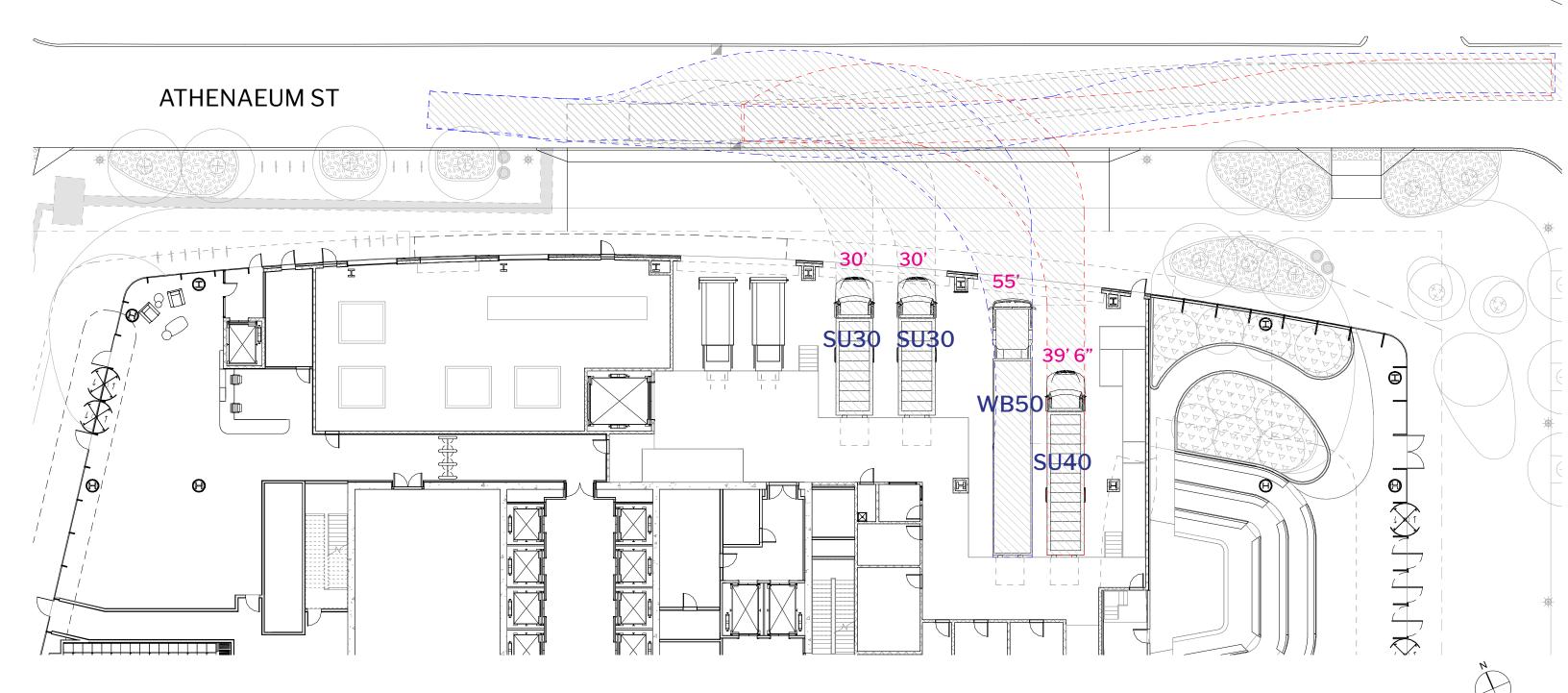




#### 3.19 Parking and Loading Plan

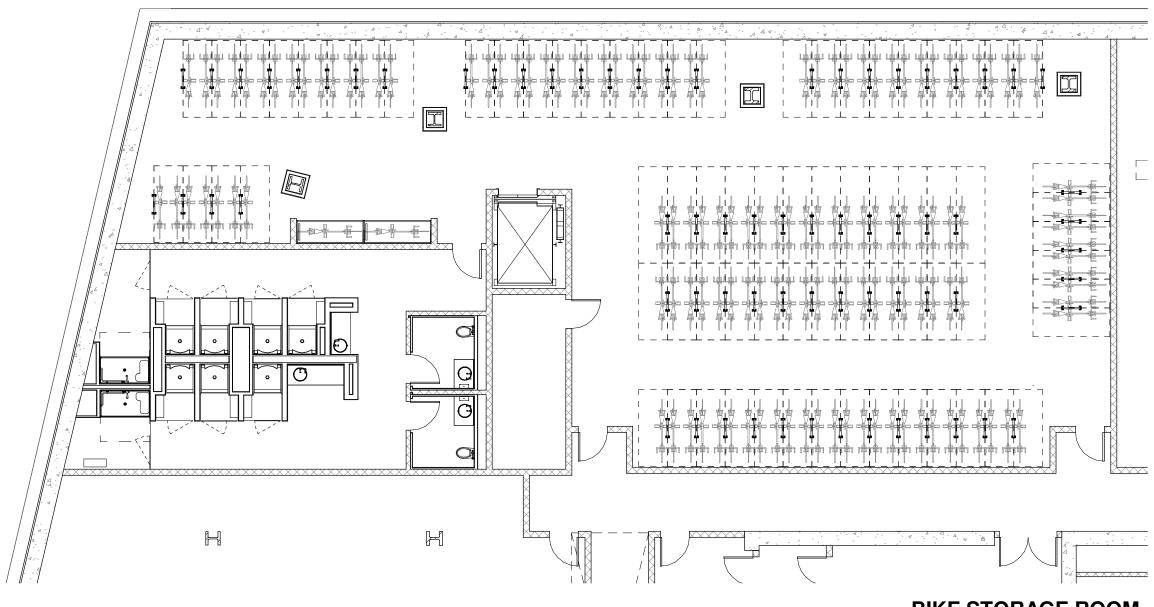


PLAN INCLUDED TO SHOW TRUCK
MOVEMENT AND EXPECTATION THAT TRUCK
TRAFFIC WILL ALLOW TRUCKS TO PULL
COMPLETELY OFF STREET BEHIND CLOSED
DOORS AND THAT DOCK IS ACCESSIBLE
WITHOUT USING THIRD STREET CORRIDOR
FOR ALL EXPECTED TRUCK SIZES



#### 3.20 Long Term Bike Parking Plan

PARTIAL PLAN INCLUDED TO SHOW LONG-TERM BICYCLE PARKING WITHIN BASEMENT LEVEL

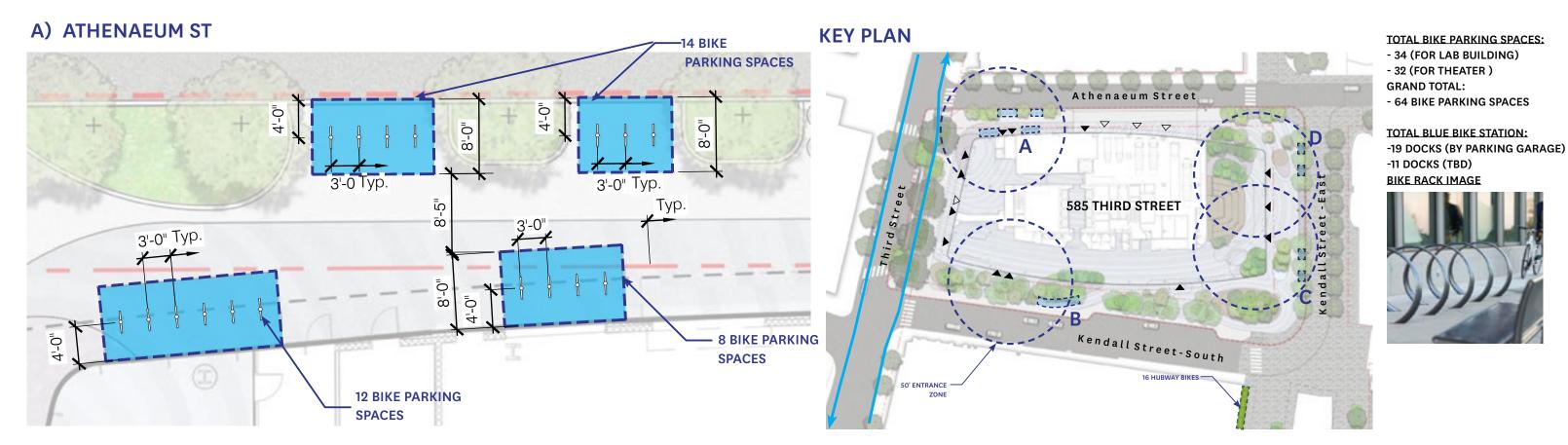


#### **BIKE STORAGE ROOM**

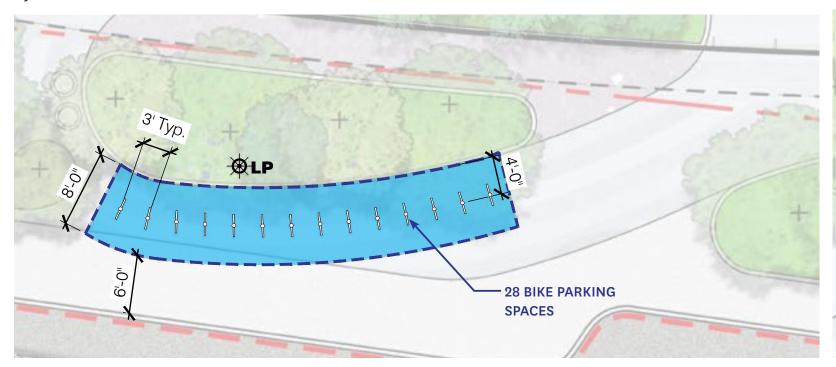
136 SPACES



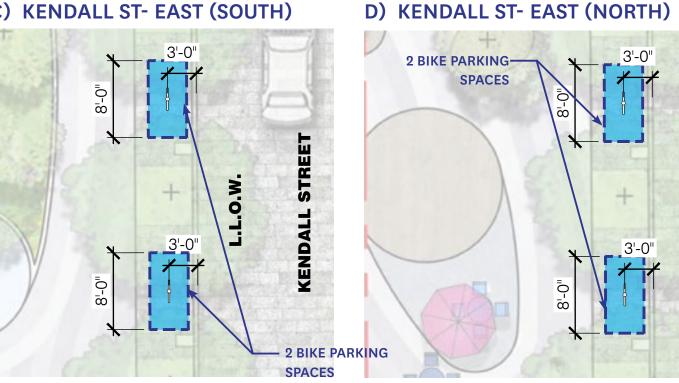
#### 3.21 Short Term Bike Parking Plan



#### **B) KENDALL ST - SOUTH**



#### C) KENDALL ST- EAST (SOUTH)







#### 3.22 Bluebike Plan

#### A) BLUEBIKE STATION A

