

# HORIZON ANNEX

560 Brook Ave., Bronx, New York 10455

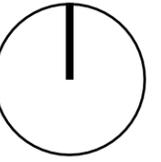
## PUBLIC DESIGN COMMISSION

Conceptual Review

May 20, 2024



# SITE WITHIN BOROUGH



1. 575 Exterior Street
2. 276 Grand Concourse
3. Metro North Mott Haven Junction
4. Metro North Hunts Point
5. Lincoln at Bankside
6. Third at Bankside

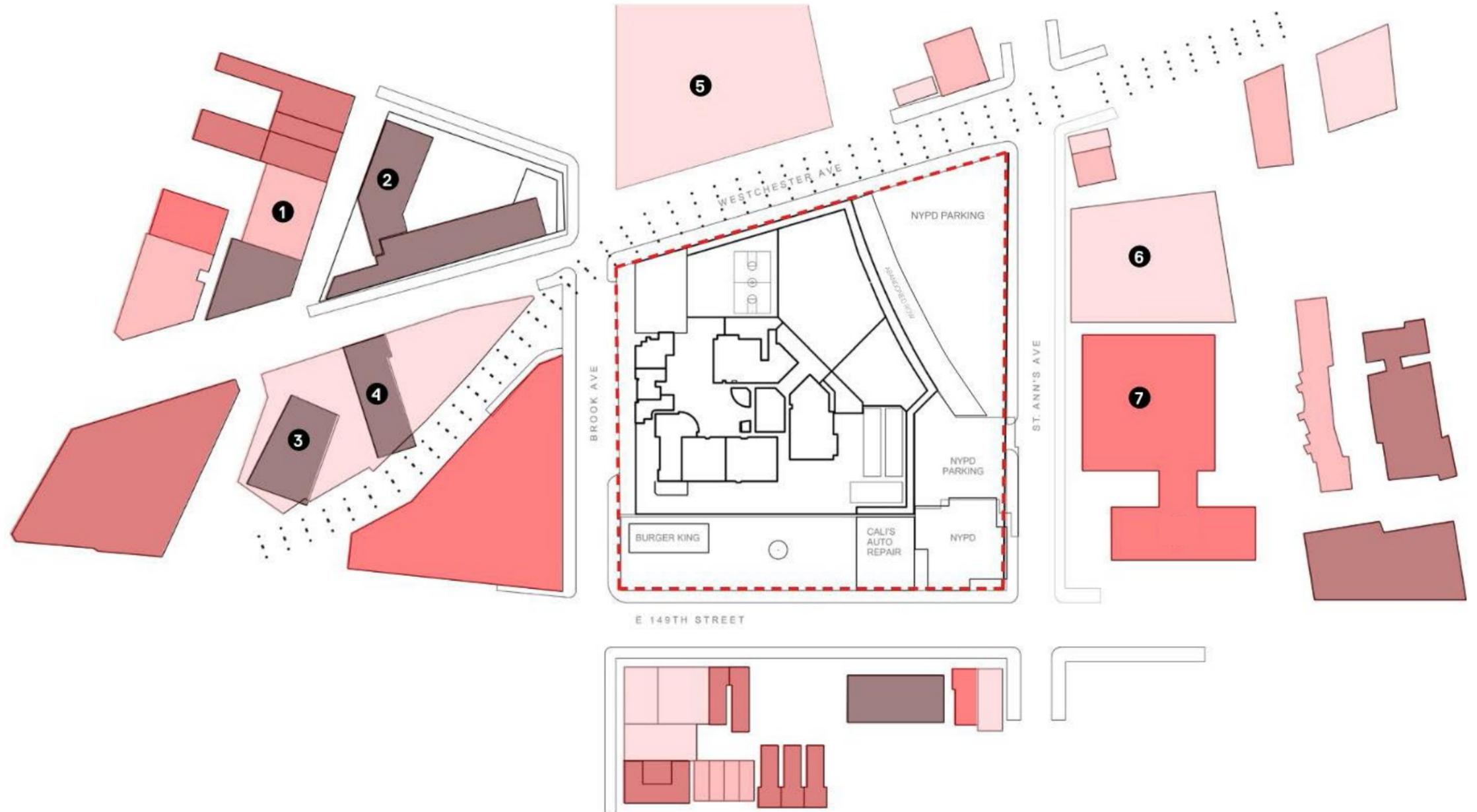


# SITE WITHIN NEIGHBORHOOD

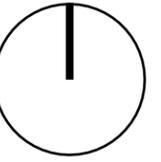


## LEGEND

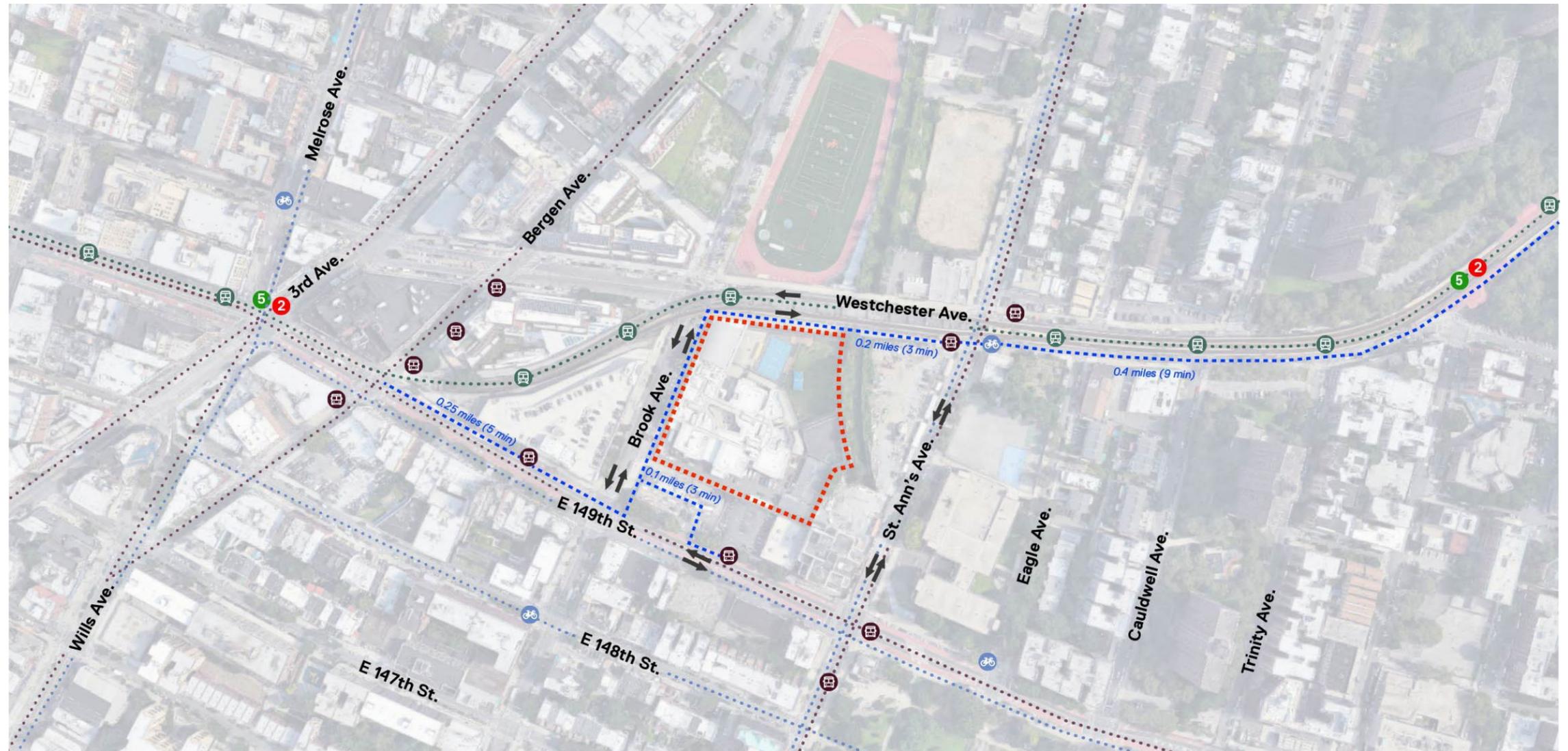
	Site
<b>1</b>	Zeta South Bronx Elementary School
<b>2</b>	La Central Building
<b>3</b>	La Central Building
<b>4</b>	La Central YMCA
<b>5</b>	Montefiore Medical Group at Via Verde (0.16) miles away
<b>6</b>	Hostos-Lincoln Academy of Science Mini Pitch
<b>7</b>	University Prep Charter high School
<b>8</b>	X500 Hostos Lincoln Academy of Science
<b>BUILDING HEIGHT</b>	
	0-16 feet
	17-32 feet
	33-49 feet
	50-65 feet
	66-82 feet
	83 < feet



# TRANSPORTATION & PARKING



- ■ ■ ■ Site
- ← Direction of Traffic
- Bus Stop
- 2 5 Subway Stop
- Bike Station
- ■ Bus Route
- ■ Bike Path
- ● ● Subway Route
- ■ ■ Travel Distance/Time
- Parking

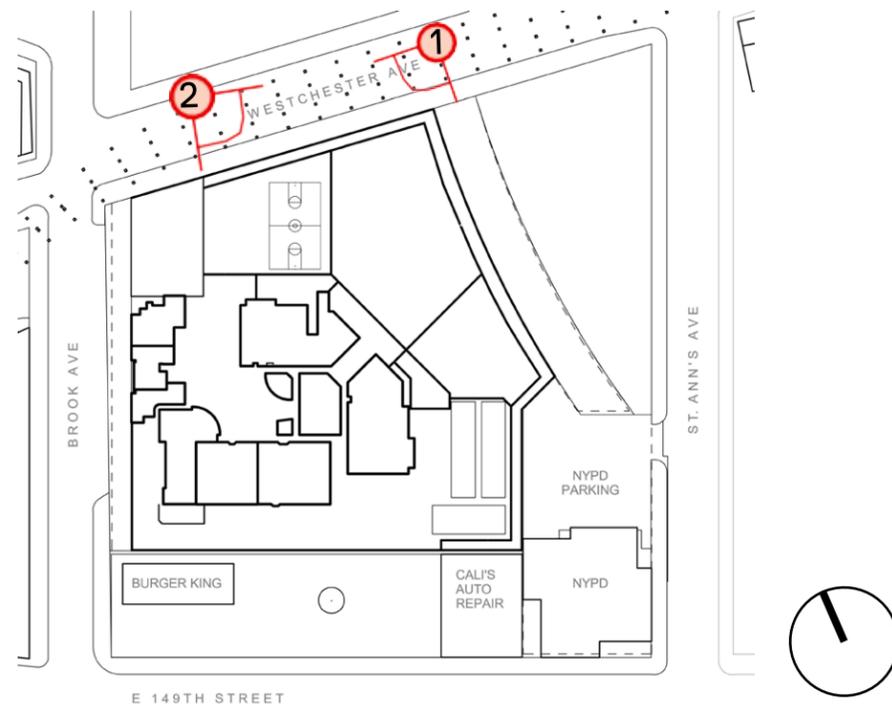


# AERIALS



# SITE PHOTOGRAPHY

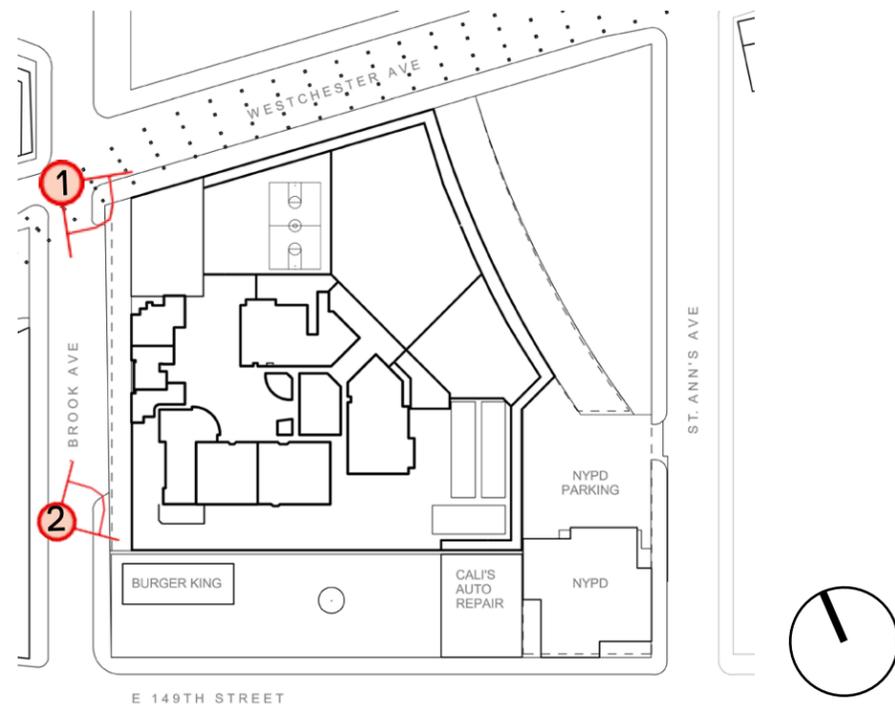
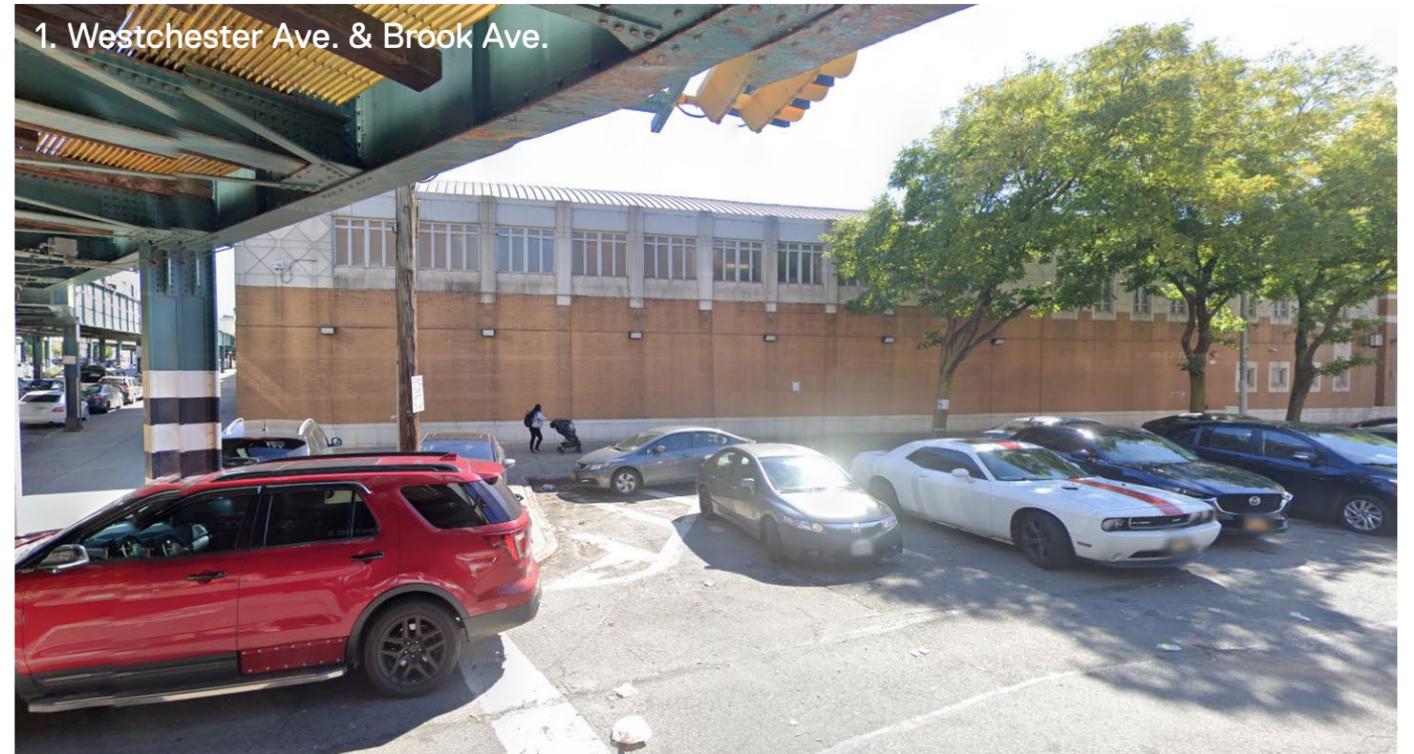
1. Westchester Ave.



2. View from Elevated Subway

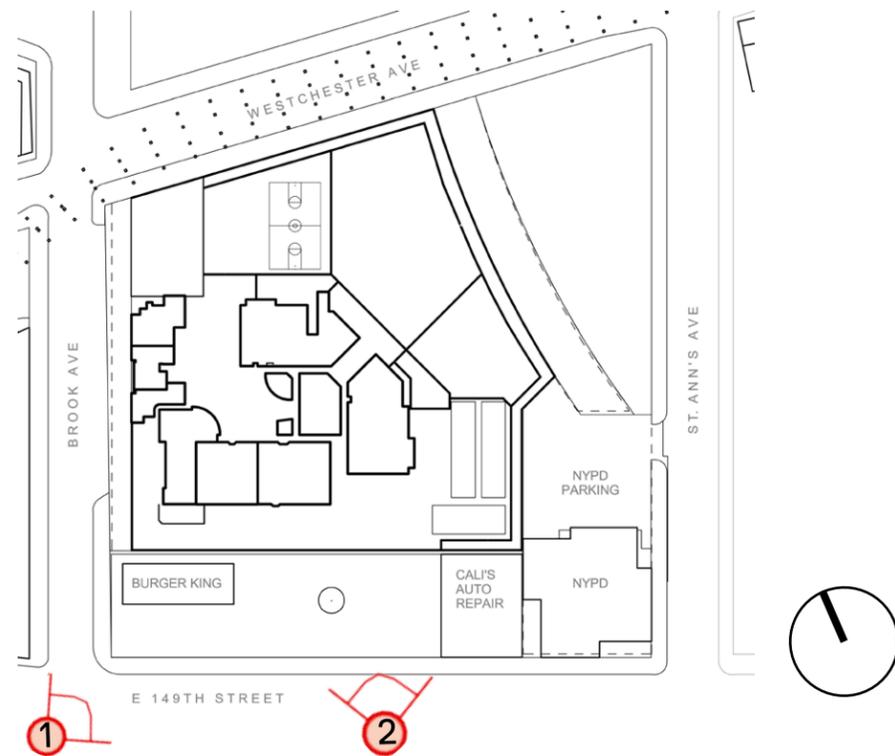


# SITE PHOTOGRAPHY



# SITE PHOTOGRAPHY

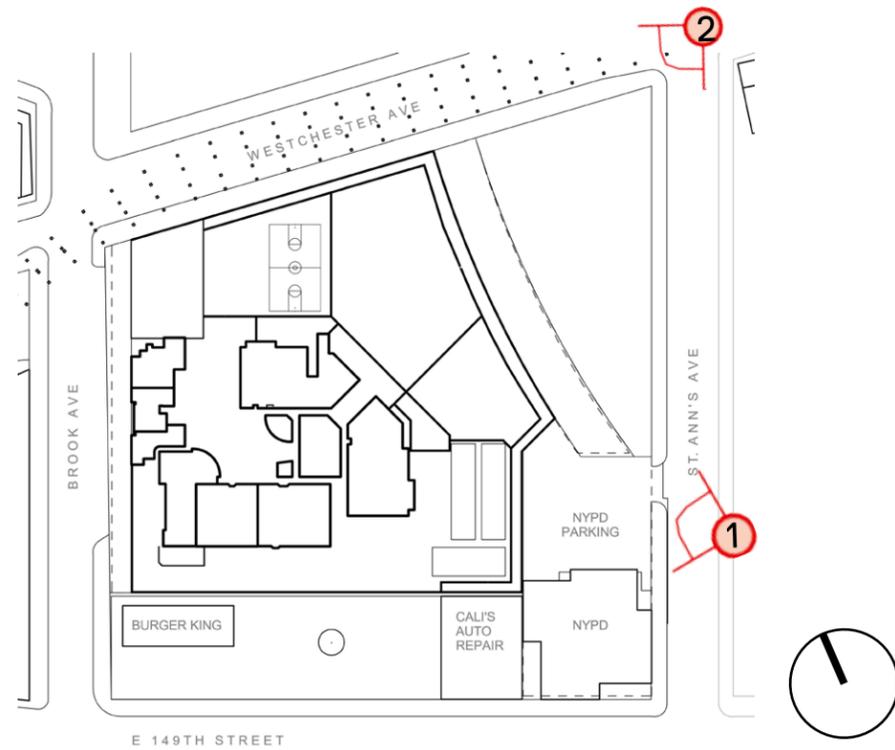
1. Brook Ave. & E. 149<sup>th</sup> St.



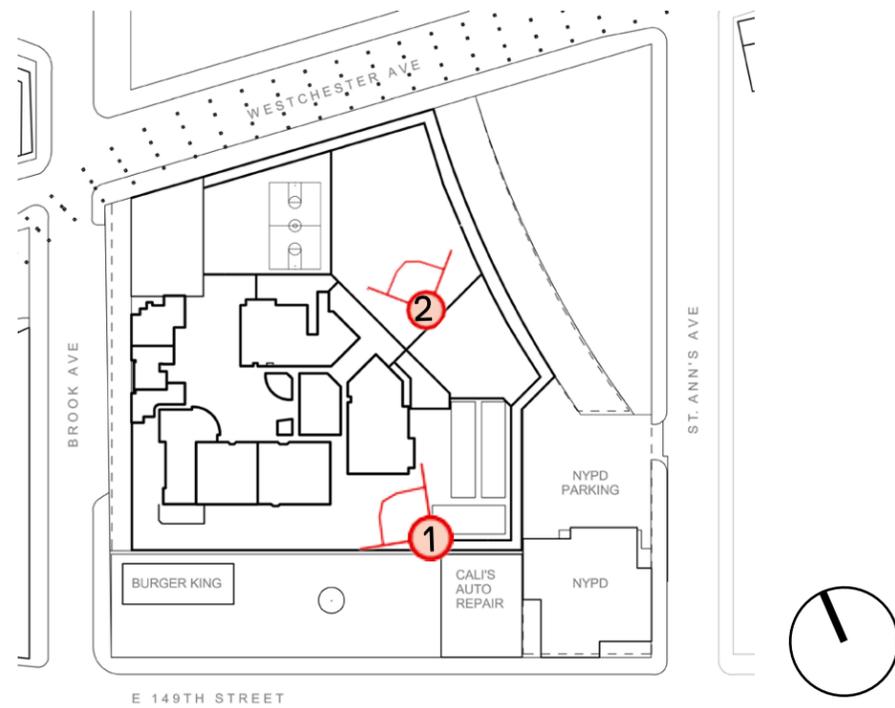
2. E. 149 St.



# SITE PHOTOGRAPHY



# SITE PHOTOGRAPHY



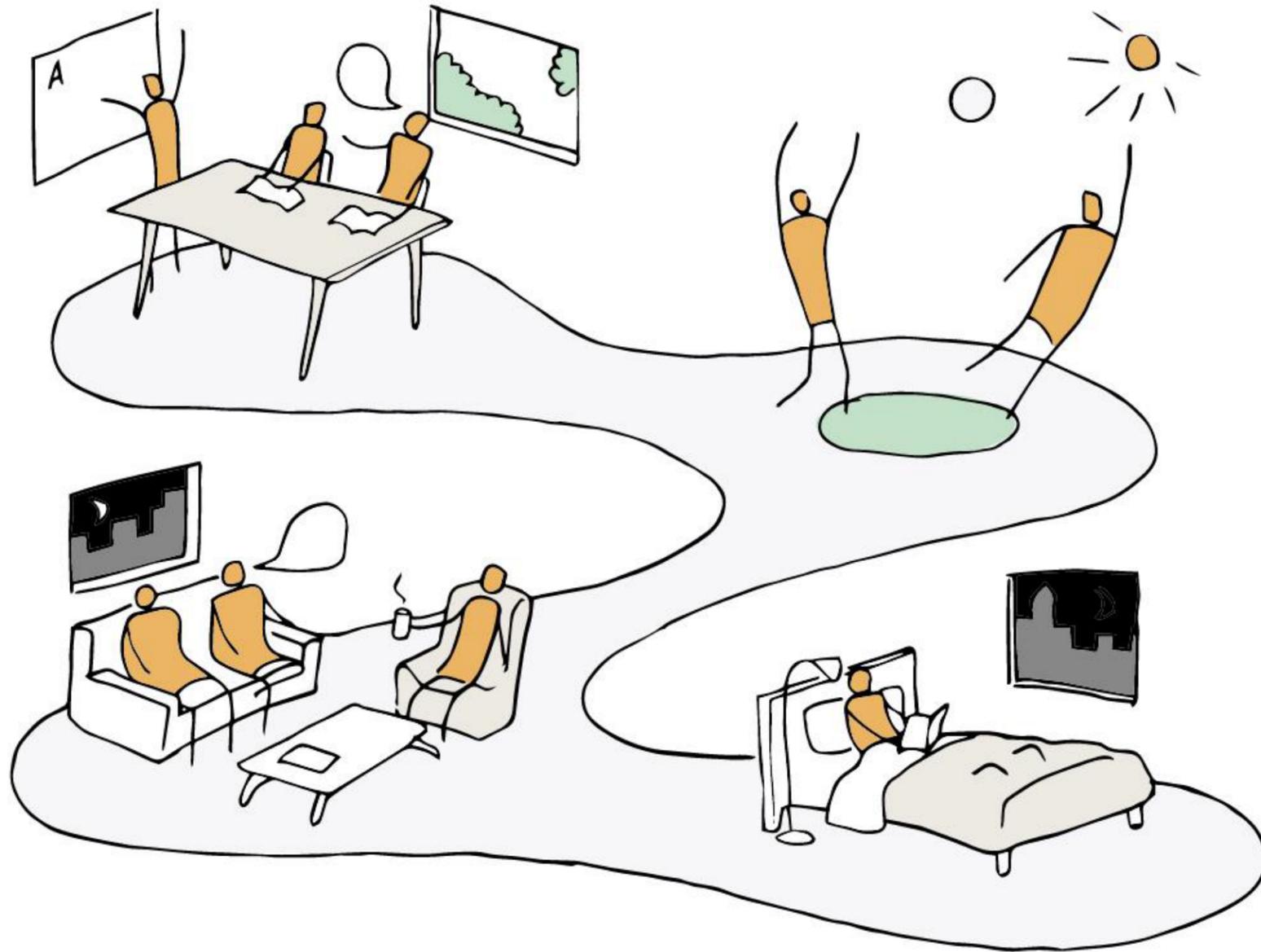
# DESIGN DRIVERS



1.  
A positive integration into the neighbourhood community.

- Changing perceptions by adopting a new visual language and differentiating from the current punitive architecture.
- Minimizing the visual impact of the building massing on its context.
- Transparency while maintaining privacy with a focus on amenities.
- Showcase sustainable building systems.
- Introduce greenery throughout the site.

# DESIGN DRIVERS

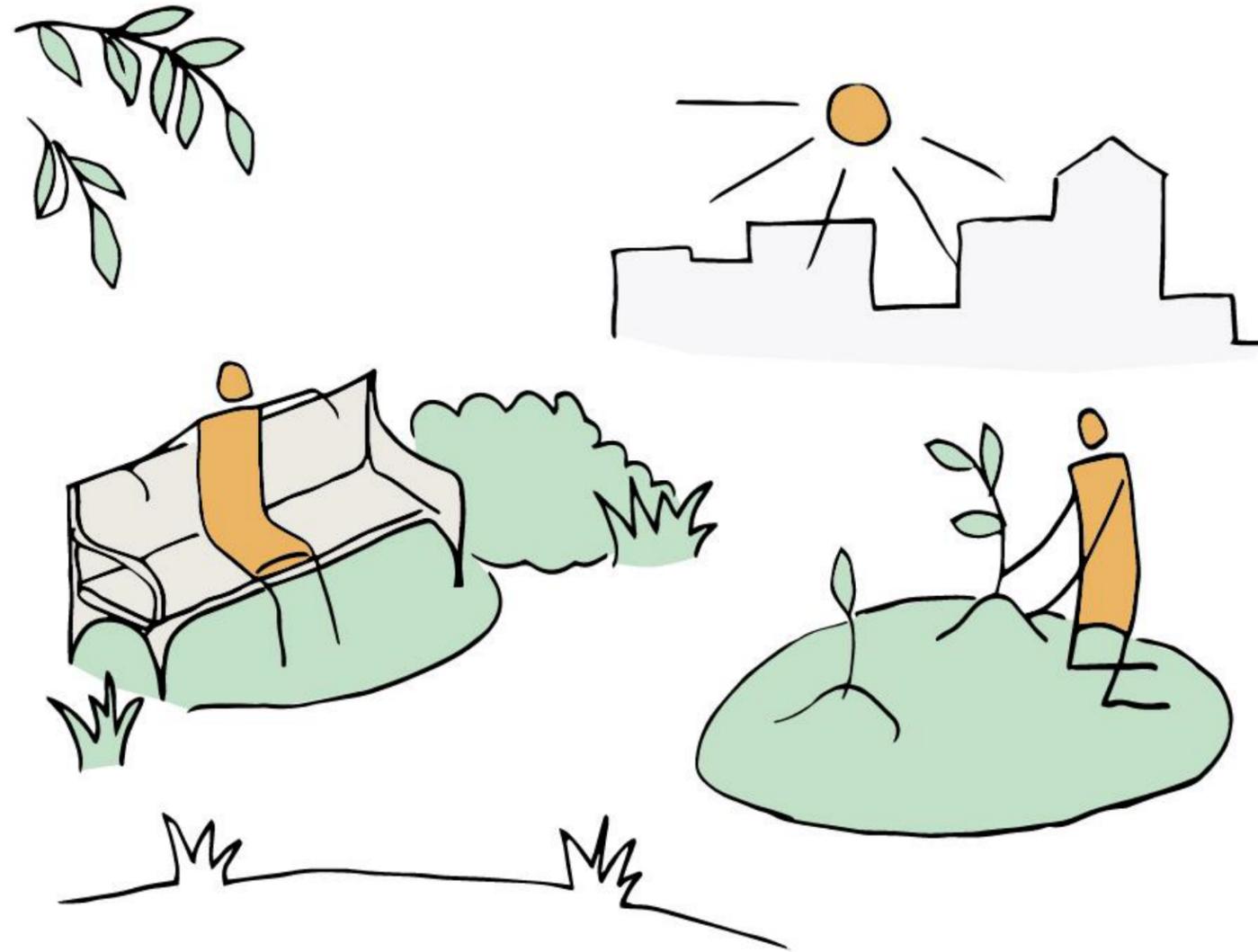


2.

A dignified, normative, environment, balancing privacy, community and security.

- Warm, dignified and generously sized living quarters that closely resemble regular apartments, schools or a campus setting.
- Minimizing perception of restricted movement or views.
- Each facility to have a distinct look and feel.

# DESIGN DRIVERS



3.  
Harnessing the restorative impacts of nature and connection to the outdoors.

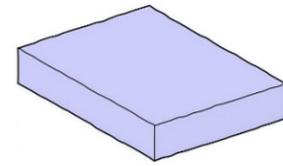
- Access to natural sunlight and fresh air.
- Maximizing Views to the outside.
- Generously sized and easily accessible outdoor spaces for recreational use.
- Biophilic design principles

# CAMPUS KIT-OF-PARTS

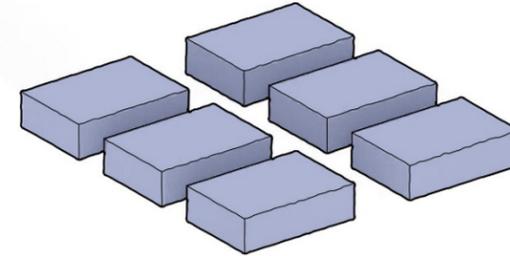
As with a typical campus, these elements include dormitories for housing, classrooms for education, recreational facilities for sports and leisure activities, dining halls, administrative offices, and medical centers.

These elements function together as a contained network, while some may have the capability to operate independently.

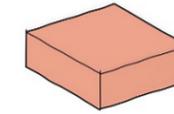
The architectural expression of the elements - such as materiality, and transparency - could vary to reflect their functions, and create a diversity of experiences across the campus.



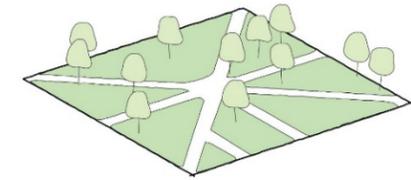
Medical Center



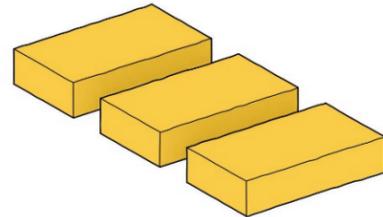
Housing  
"Cottages"



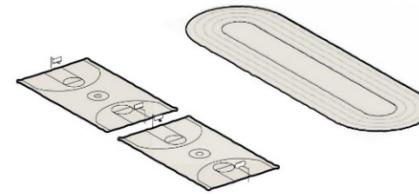
Dining Hall



Green Spaces



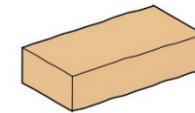
Classrooms



Recreation Facilities



Chapel

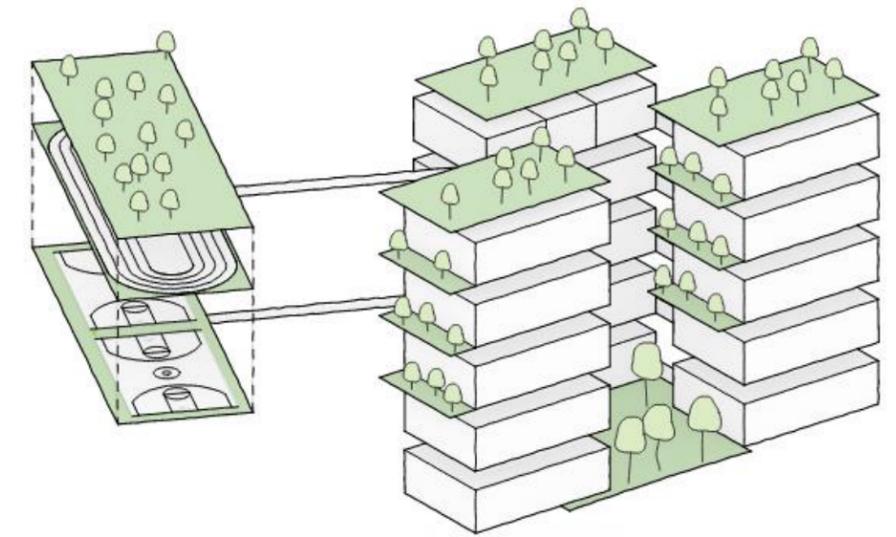
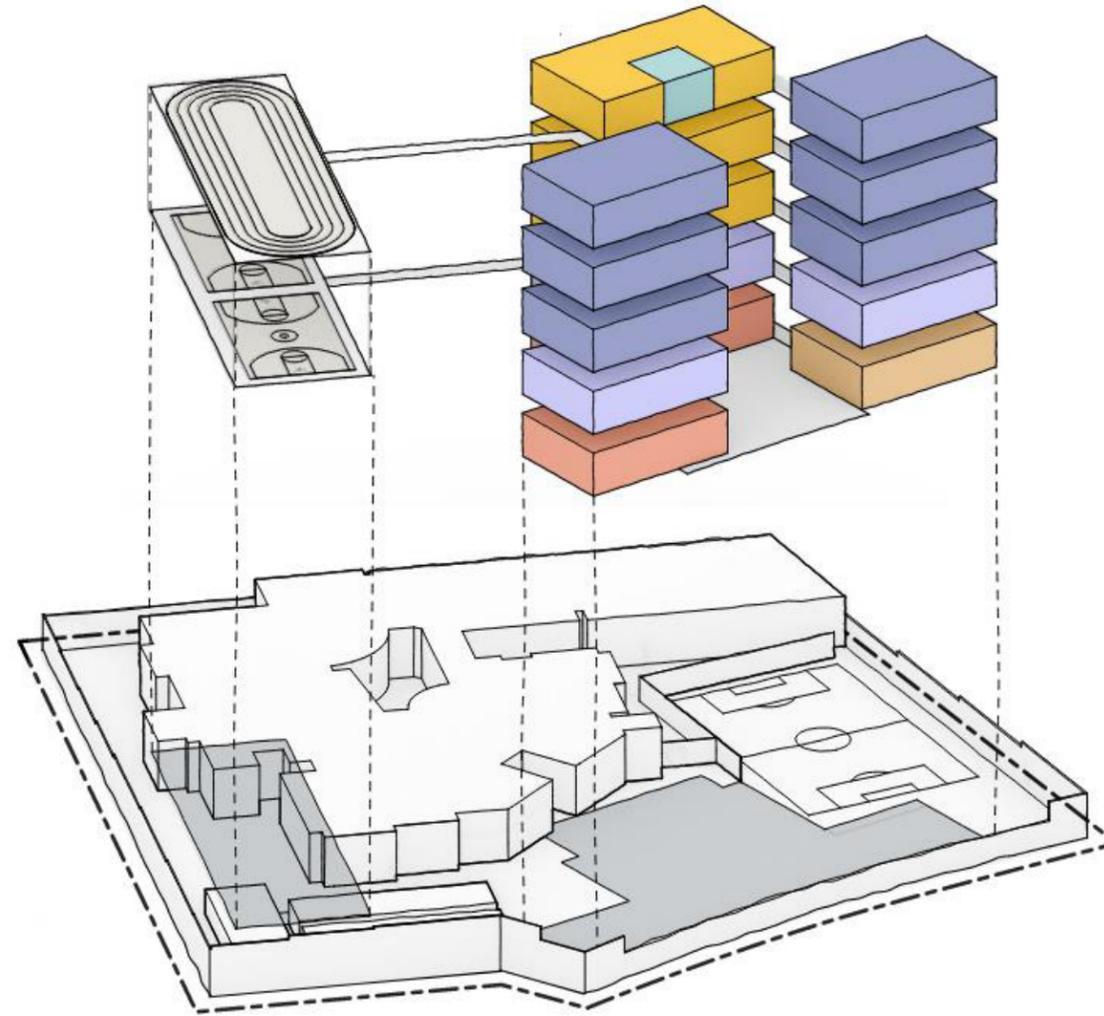


Staff Support

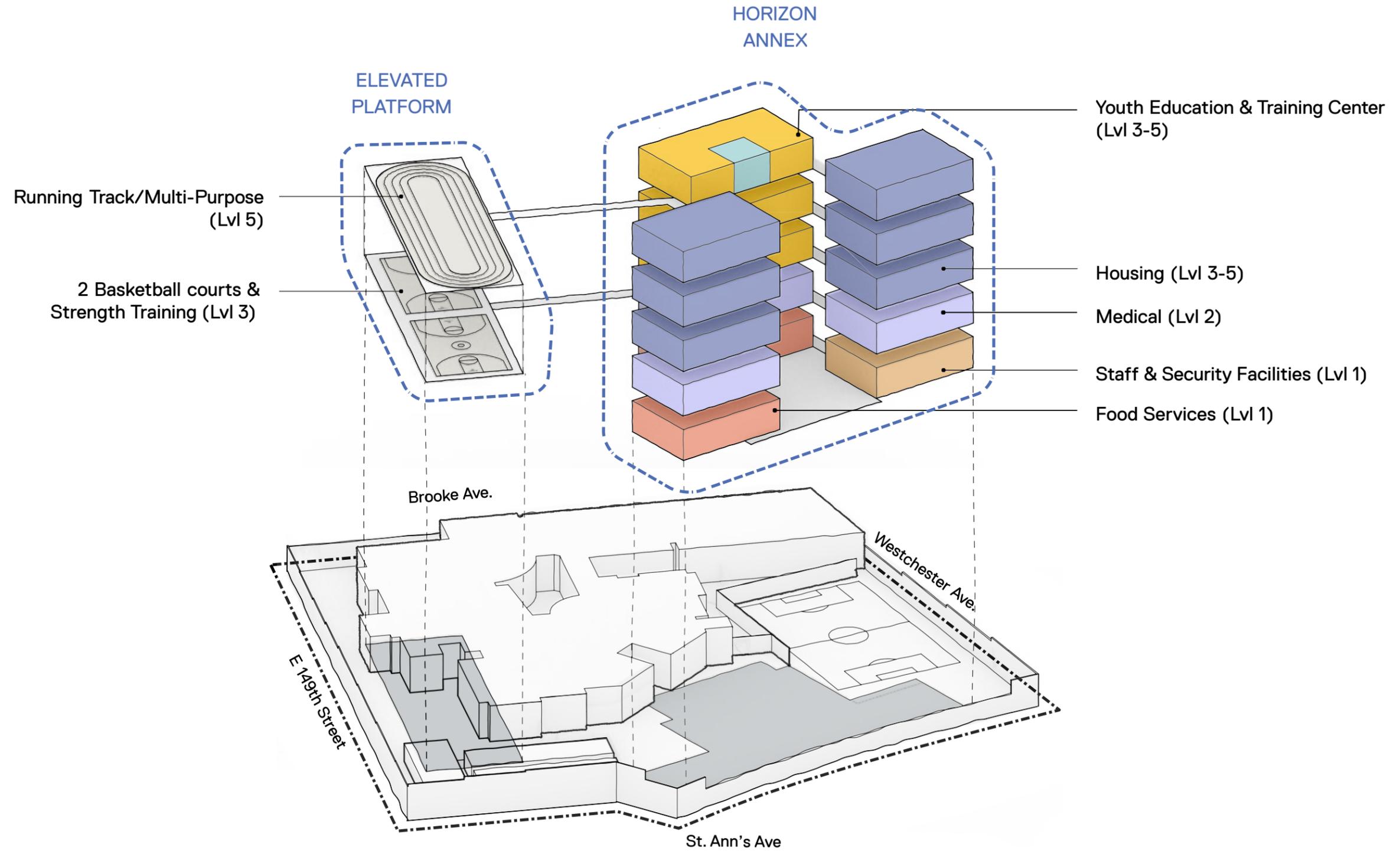
# STACKING DIAGRAM

While similar approaches have been successful in rural sites, Horizons will apply this campus model to a dense urban block by vertically stacking these elements, arranging them to optimize links to the existing facility, between their various functions, and exposure to sunlight, fresh air, and controlled views.

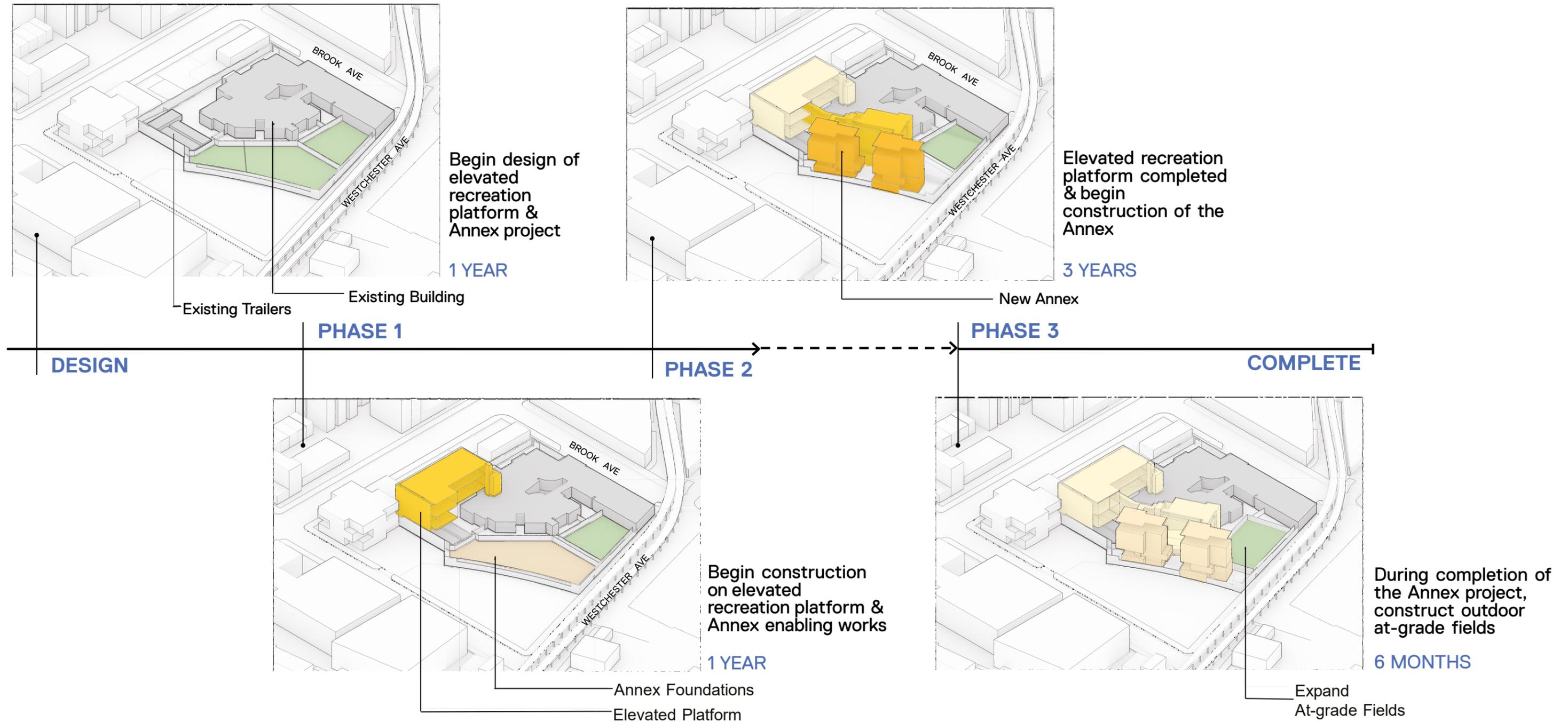
Distribution of green spaces throughout the stacked elements - wherever possible - will aim to provide constant physical and visual connections between greenery and the majority of interior spaces,



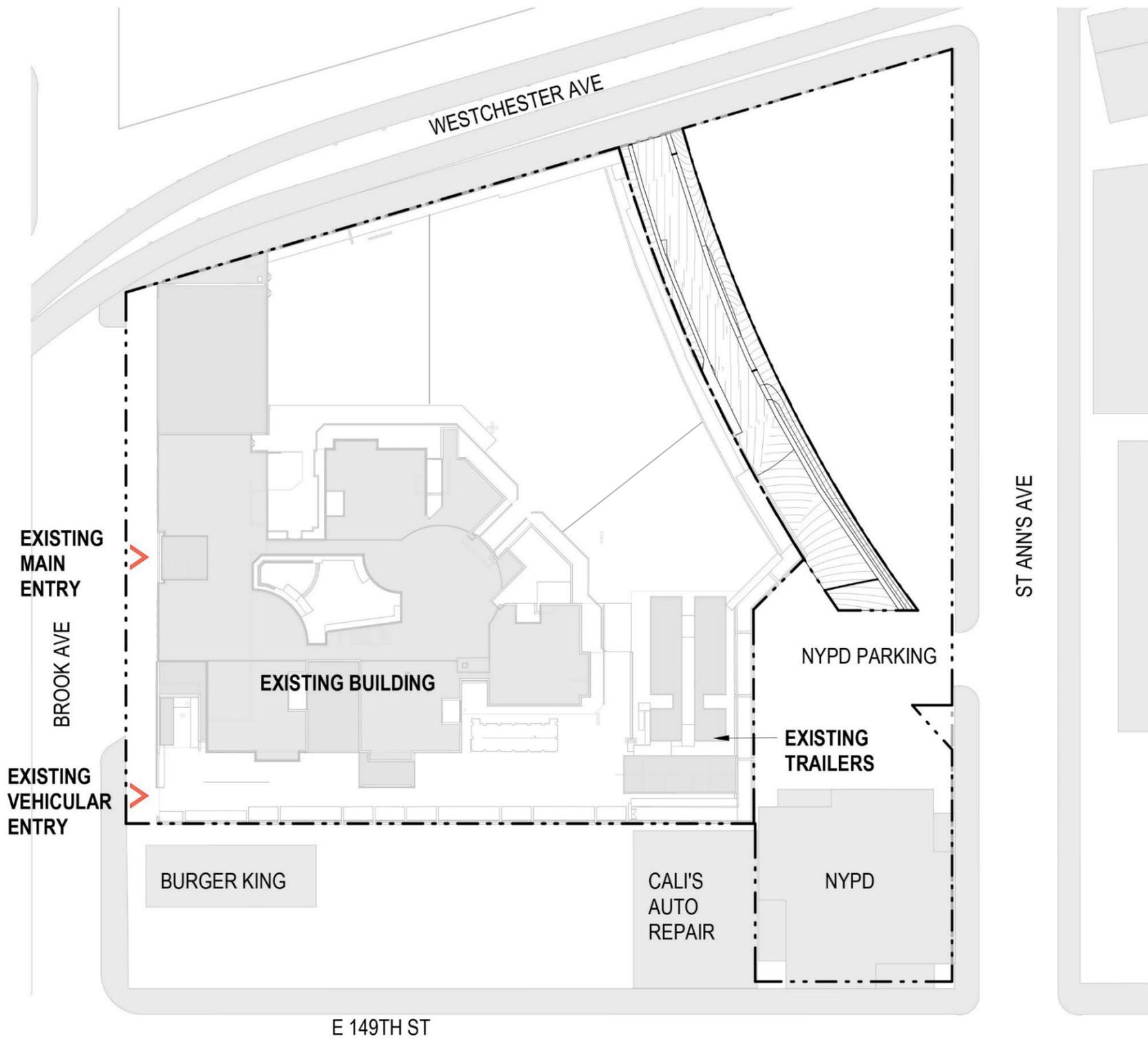
# VERTICAL CAMPUS



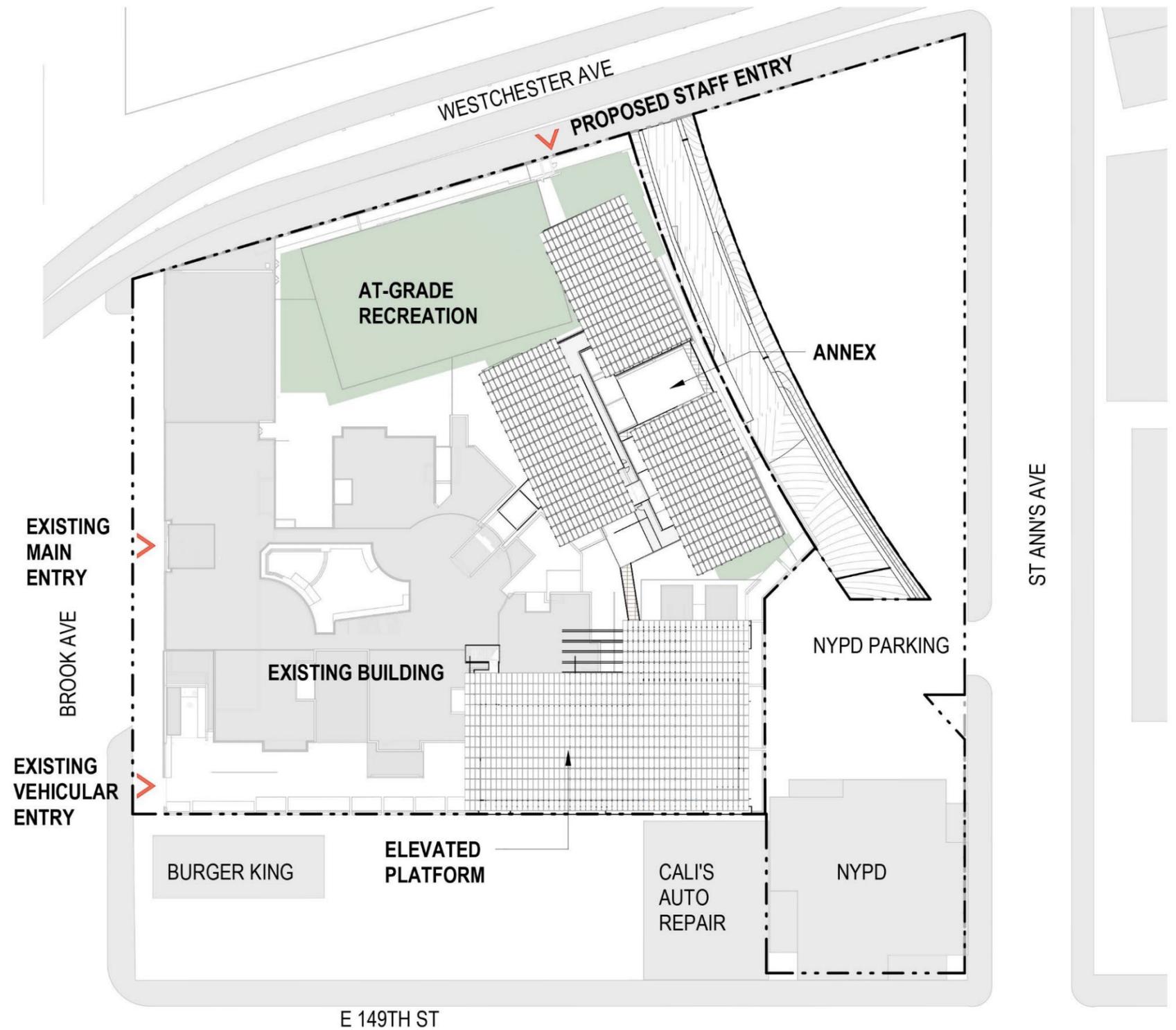
# PHASING DIAGRAM



# EXISTING SITE PLAN



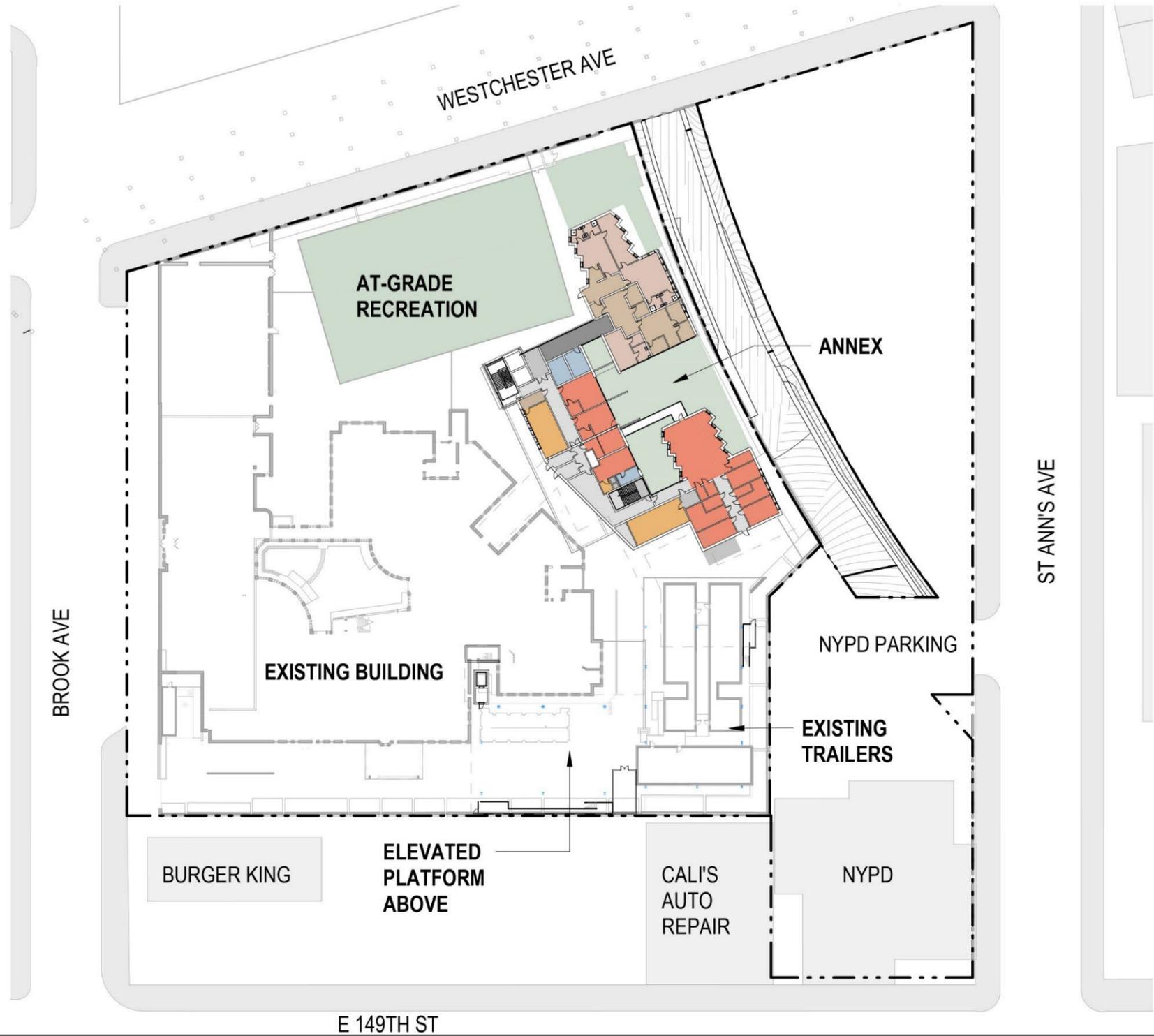
# SITE PLAN



# LEVEL 1 PLAN



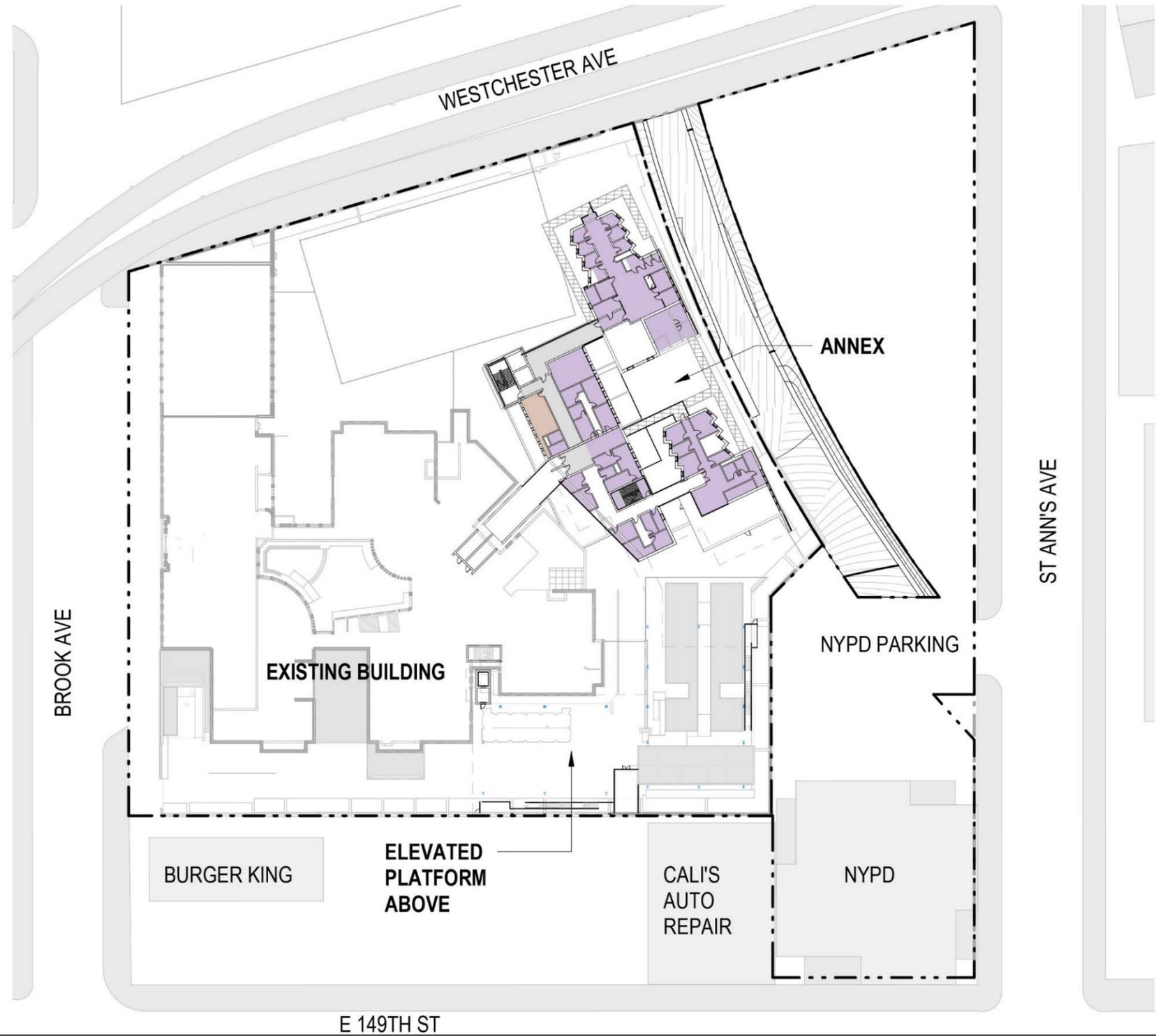
- FOOD SERVICES
- STAFF SUPPORT
- SECURITY
- EDUCATION
- HEALTHCARE SERVICES
- HOUSING
- CIRCULATION
- UTILITIES
- AT-GRADE RECREATION
- ELEVATED RECREATION



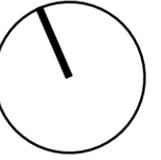
# LEVEL 2 PLAN



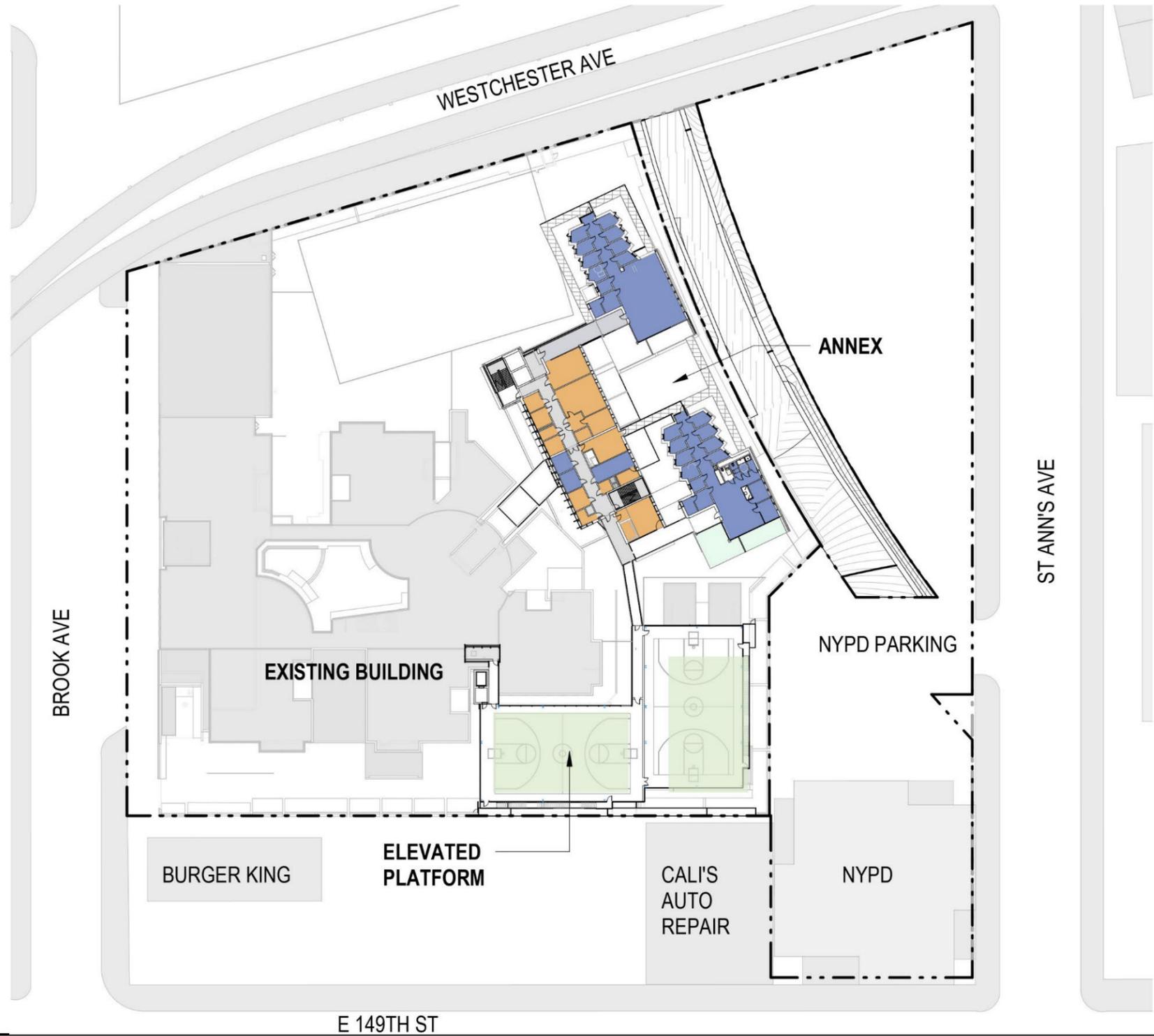
- FOOD SERVICES
- STAFF SUPPORT
- SECURITY
- EDUCATION
- HEALTHCARE SERVICES
- HOUSING
- CIRCULATION
- UTILITIES
- AT-GRADE RECREATION
- ELEVATED RECREATION



# LEVEL 3 PLAN



- FOOD SERVICES
- STAFF SUPPORT
- SECURITY
- EDUCATION
- HEALTHCARE SERVICES
- HOUSING
- CIRCULATION
- UTILITIES
- AT-GRADE RECREATION
- ELEVATED RECREATION



# LEVEL 4 PLAN



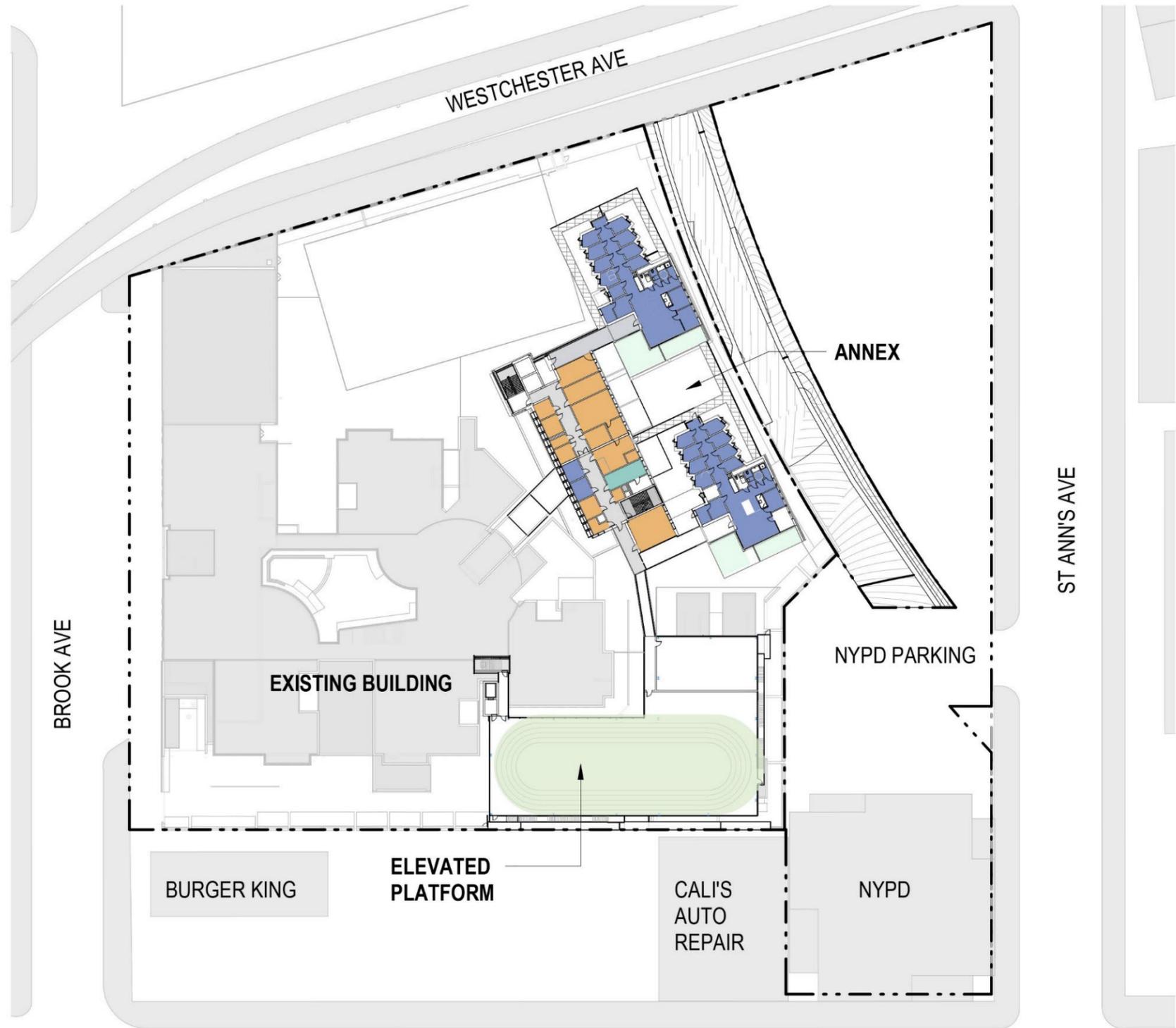
- FOOD SERVICES
- STAFF SUPPORT
- SECURITY
- EDUCATION
- HEALTHCARE SERVICES
- HOUSING
- CIRCULATION
- UTILITIES
- AT-GRADE RECREATION
- ELEVATED RECREATION



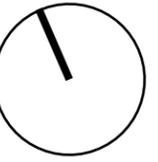
# LEVEL 5 PLAN



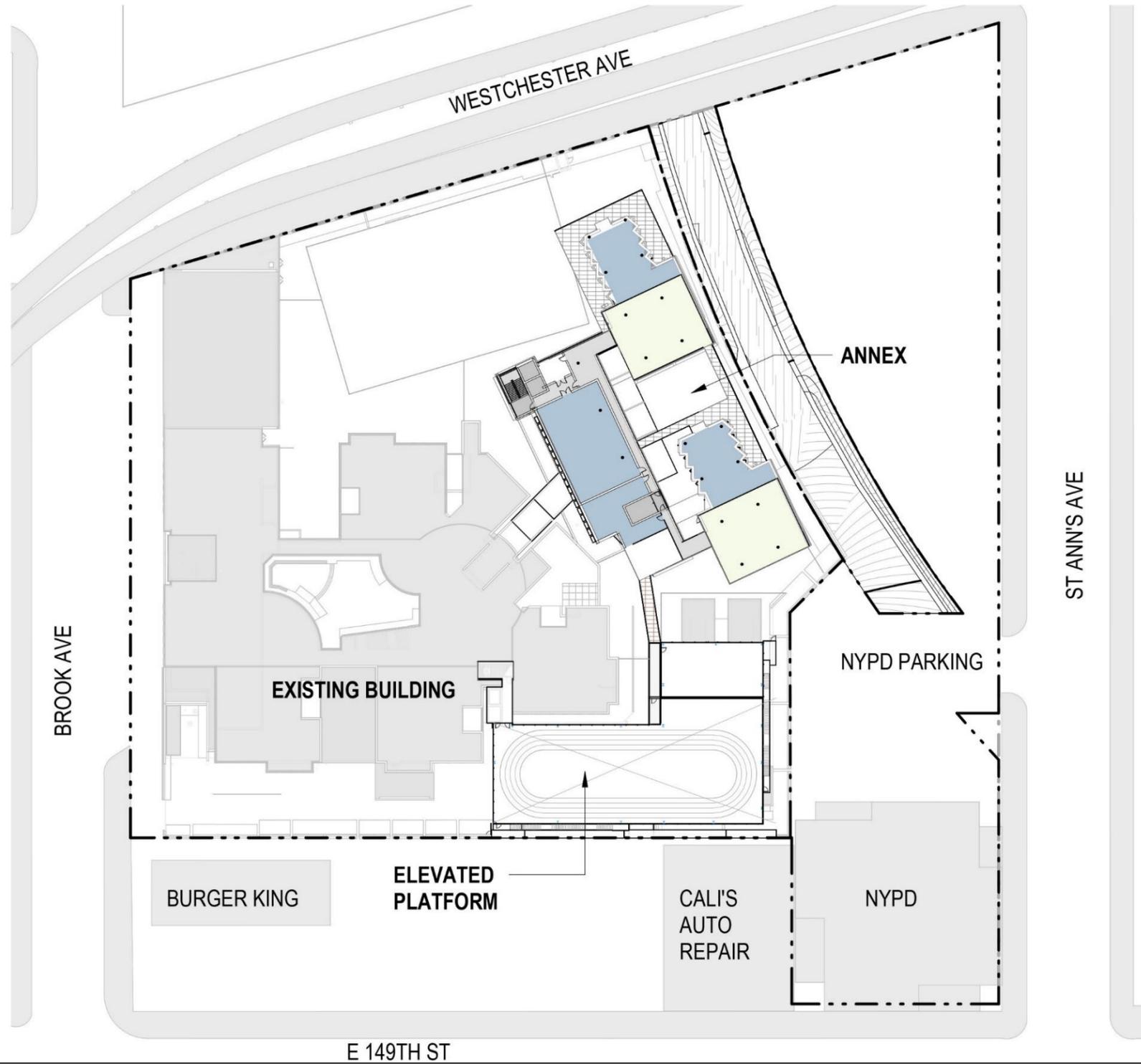
- FOOD SERVICES
- STAFF SUPPORT
- SECURITY
- EDUCATION
- HEALTHCARE SERVICES
- HOUSING
- CIRCULATION
- UTILITIES
- AT-GRADE RECREATION
- ELEVATED RECREATION



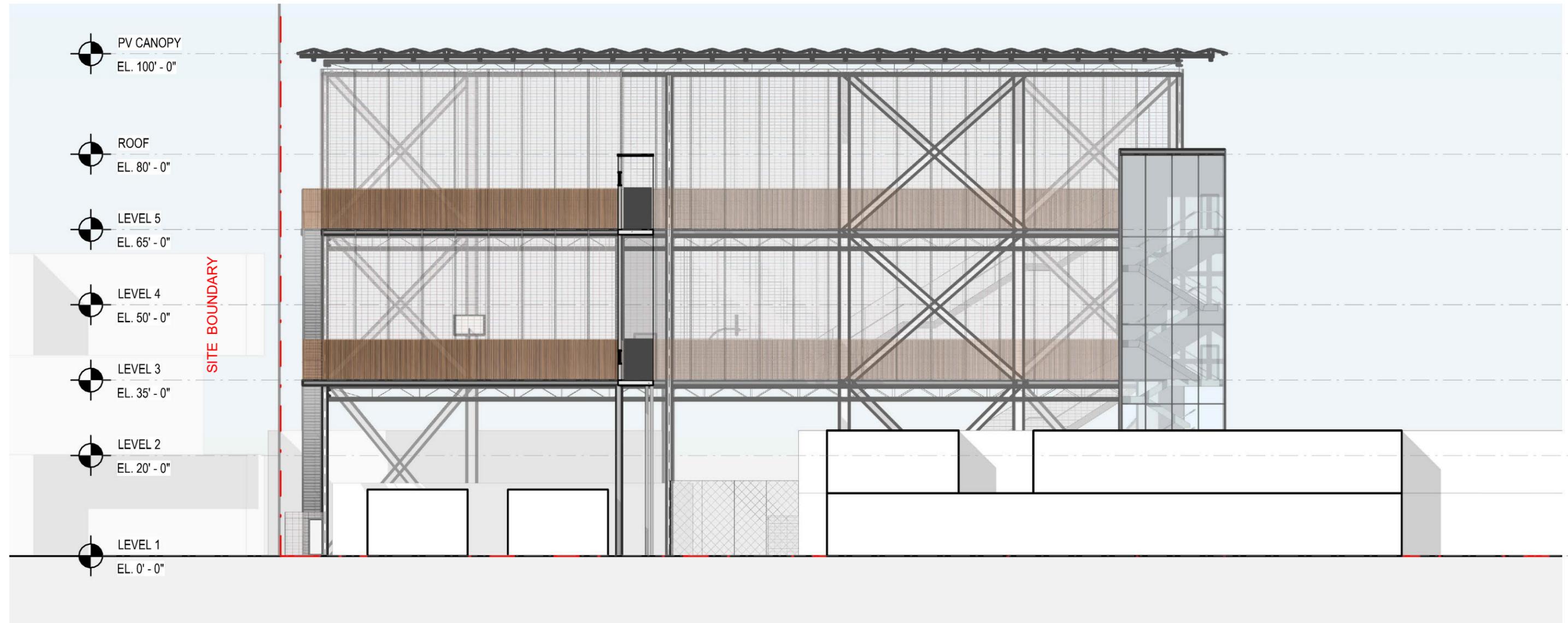
# ROOF PLAN



- FOOD SERVICES
- STAFF SUPPORT
- SECURITY
- EDUCATION
- HEALTHCARE SERVICES
- HOUSING
- CIRCULATION
- UTILITIES
- AT-GRADE RECREATION
- ELEVATED RECREATION



# EP – NORTH ELEVATION



# EP – EAST ELEVATION

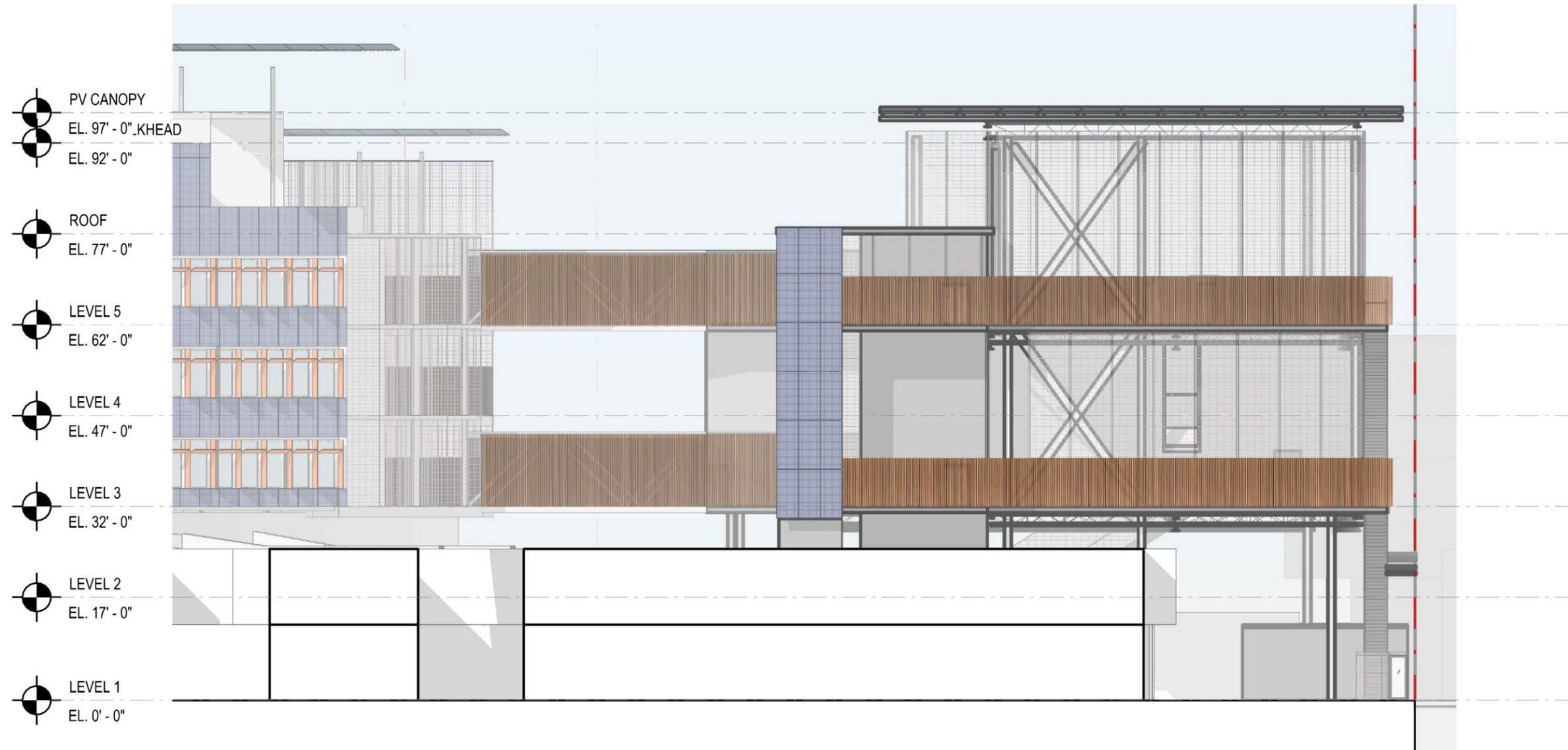


# EP – SOUTH ELEVATION

- PV CANOPY  
EL. 100' - 0" KHEAD  
EL. 95' - 0"
- ROOF  
EL. 80' - 0"
- LEVEL 5  
EL. 65' - 0"
- LEVEL 4  
EL. 50' - 0"
- LEVEL 3  
EL. 35' - 0"
- LEVEL 2  
EL. 20' - 0"
- LEVEL 1  
EL. 0' - 0"



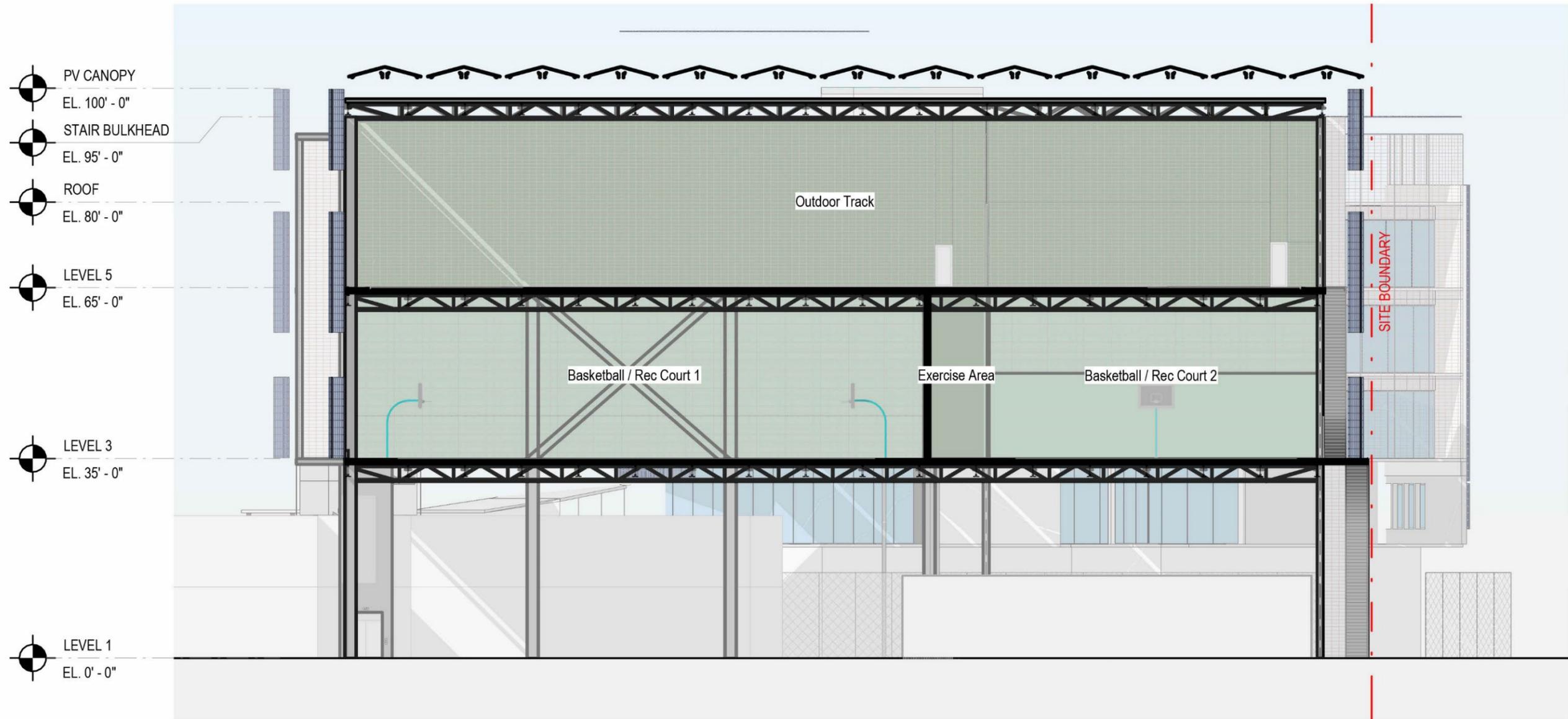
# EP – WEST ELEVATION



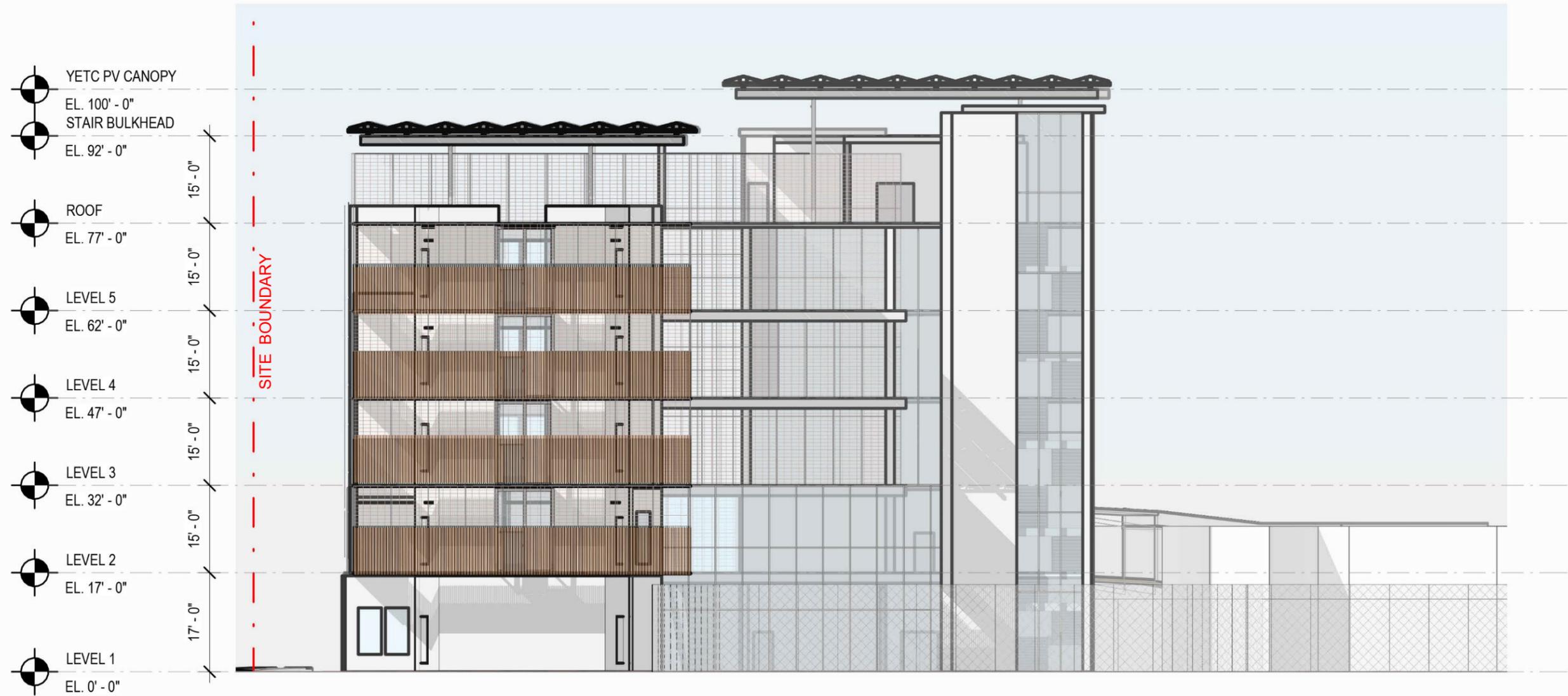
# EP – NORTH/SOUTH SECTION



# EP – EAST/WEST SECTION



# ANNEX – NORTH ELEVATION



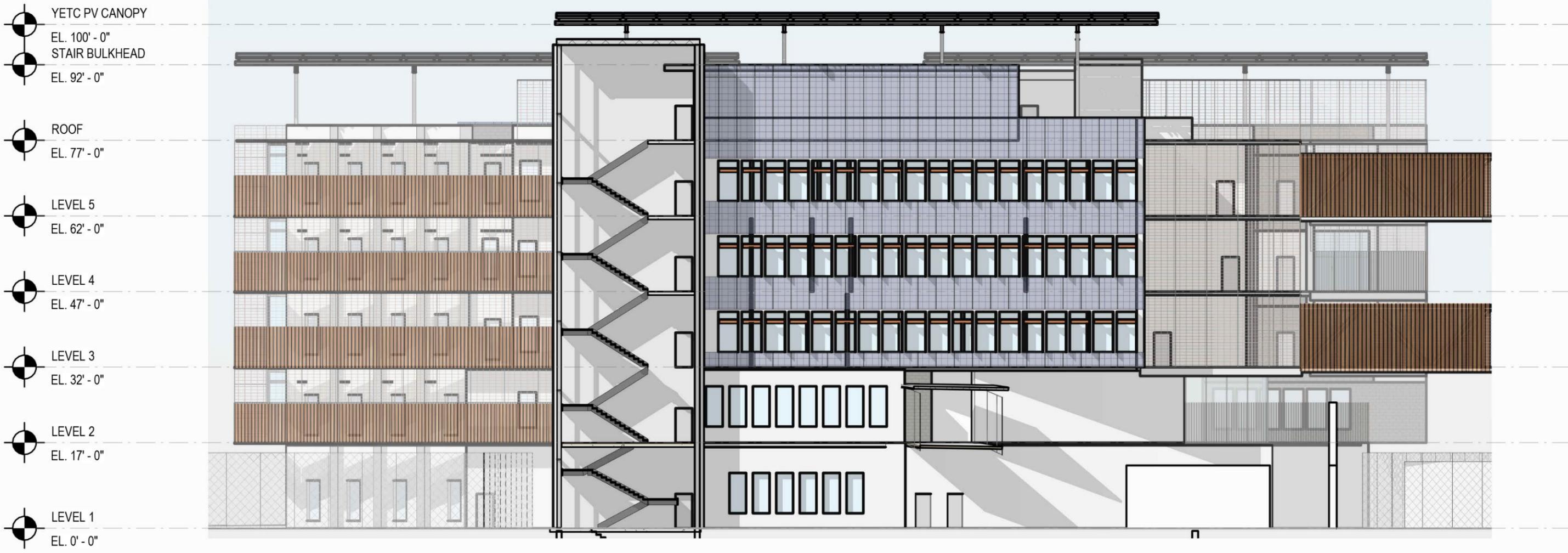
# ANNEX – EAST ELEVATION



# ANNEX – SOUTH ELEVATION



# ANNEX – WEST ELEVATION



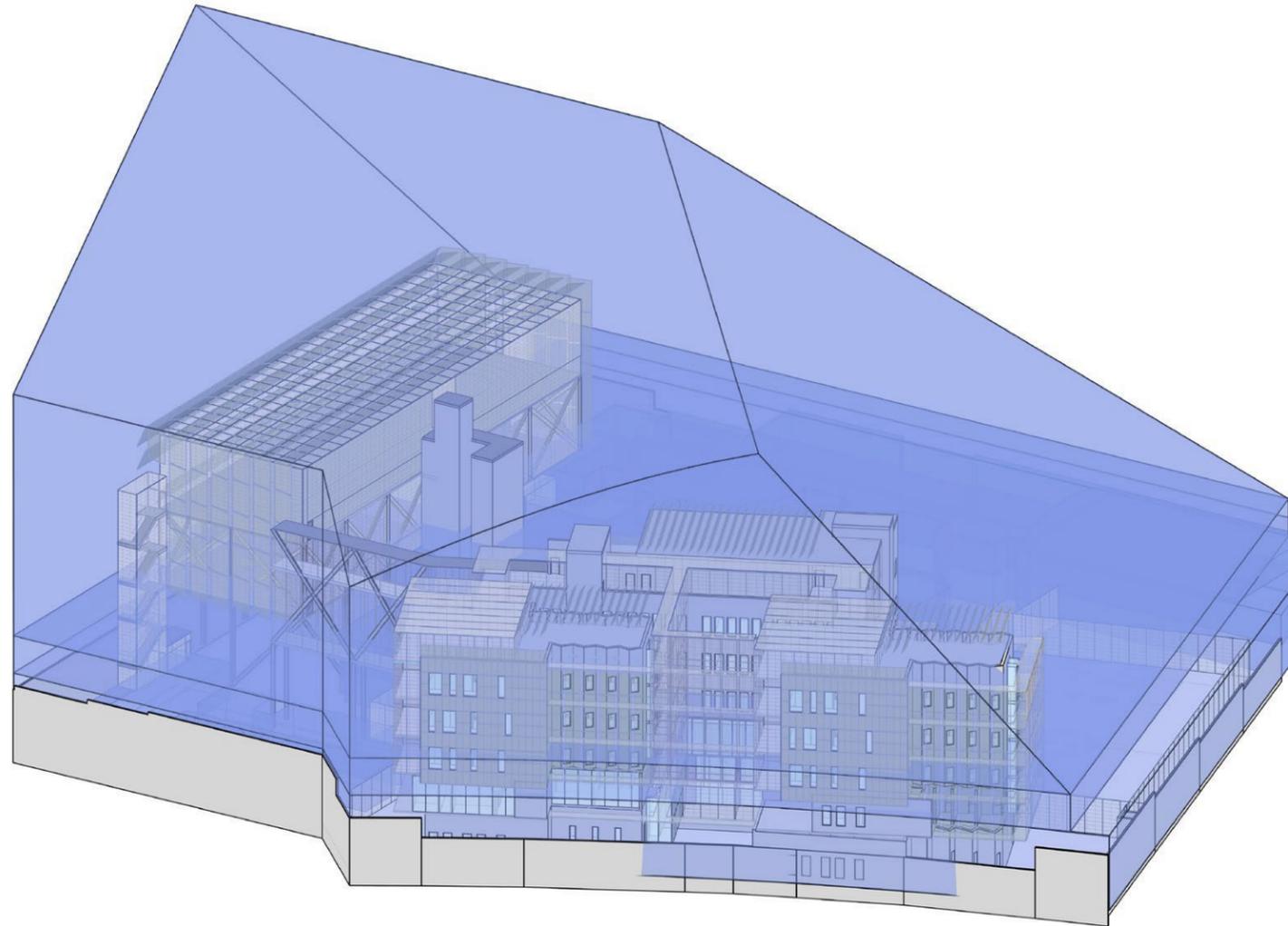
# ANNEX – NORTH/SOUTH SECTION



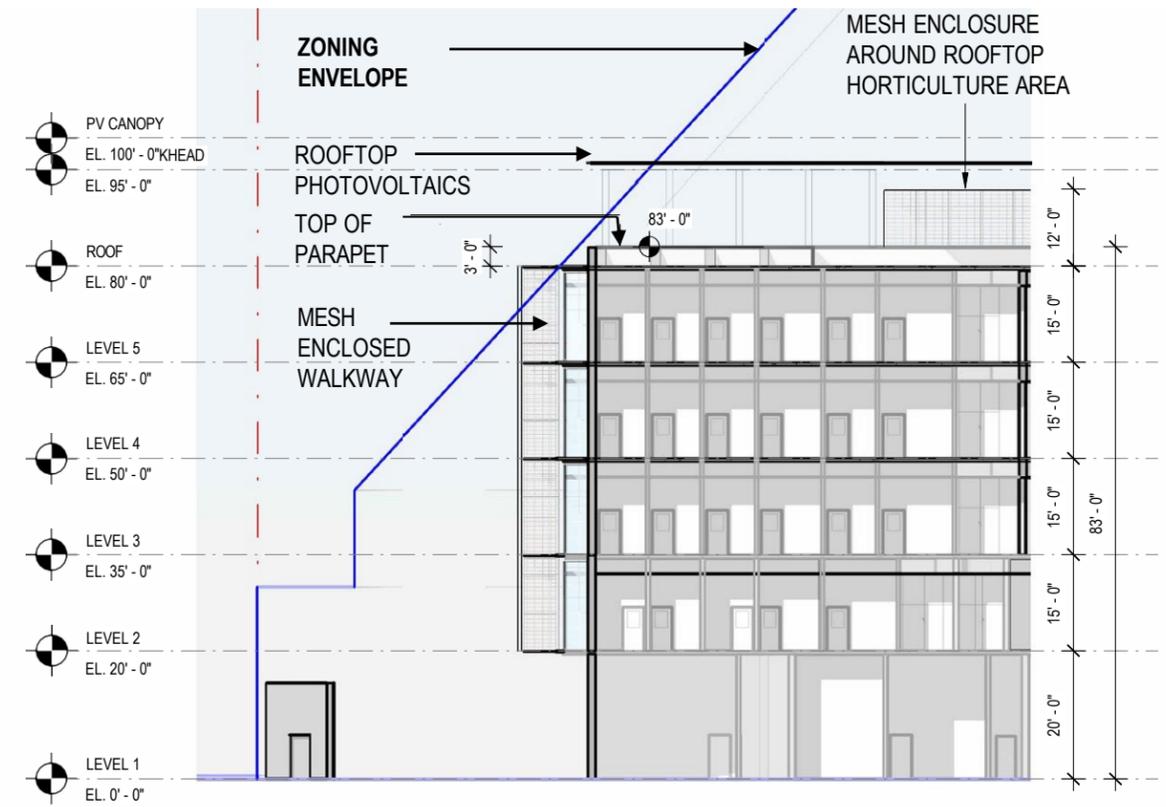
# ANNEX – EAST/WEST SECTION



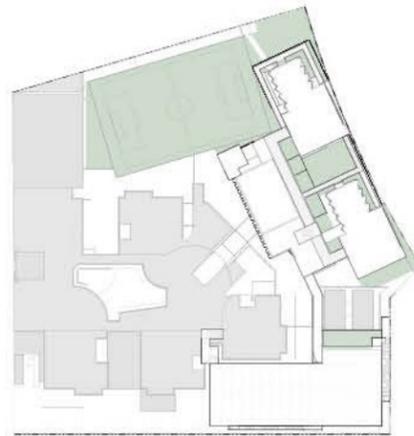
# ZONING



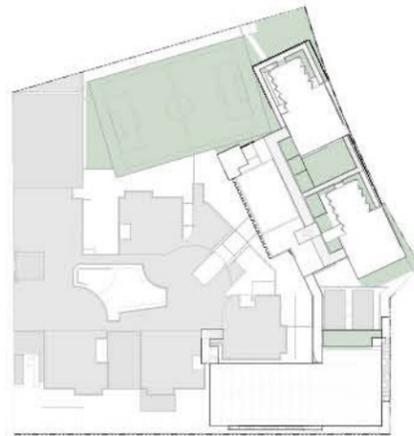
Conformity with Zoning



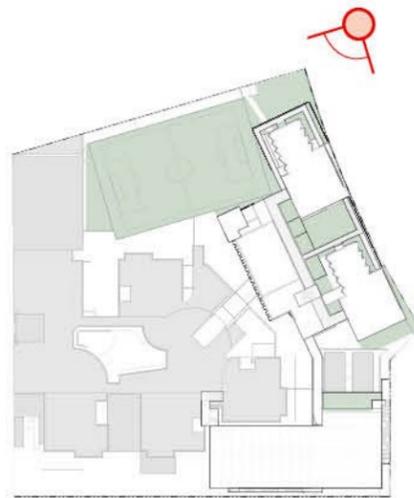
# BROOK AVE. & E 149<sup>TH</sup> ST. LOOKING NORTHEAST



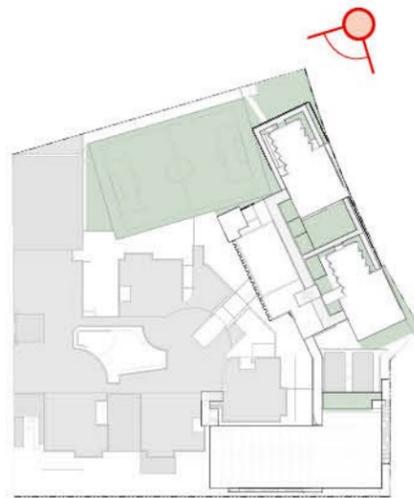
# BROOK AVE. & E 149<sup>TH</sup> ST. LOOKING NORTHEAST



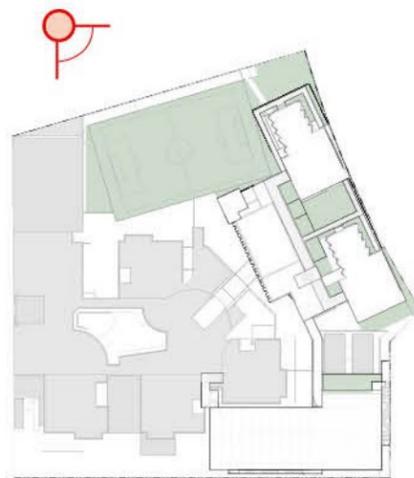
# WESTCHESTER AVE. & ST. ANN'S AVE. LOOKING SOUTHWEST



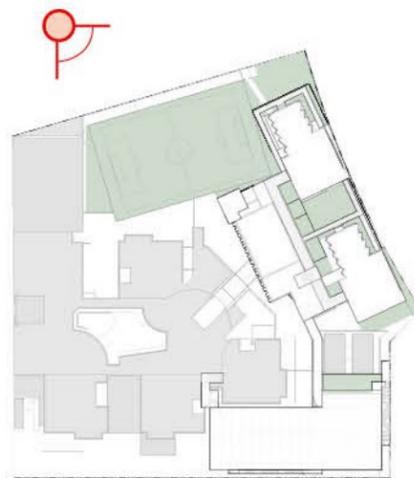
# WESTCHESTER AVE. & ST. ANN'S AVE. LOOKING SOUTHWEST



# FROM ELEVATED SUBWAY ABOVE WESTCHESTER AVE.



# FROM ELEVATED SUBWAY ABOVE WESTCHESTER AVE.



# INSIDE TYPICAL BEDROOM



# LOUNGE & ACTIVE AREAS OF HOUSING HALL



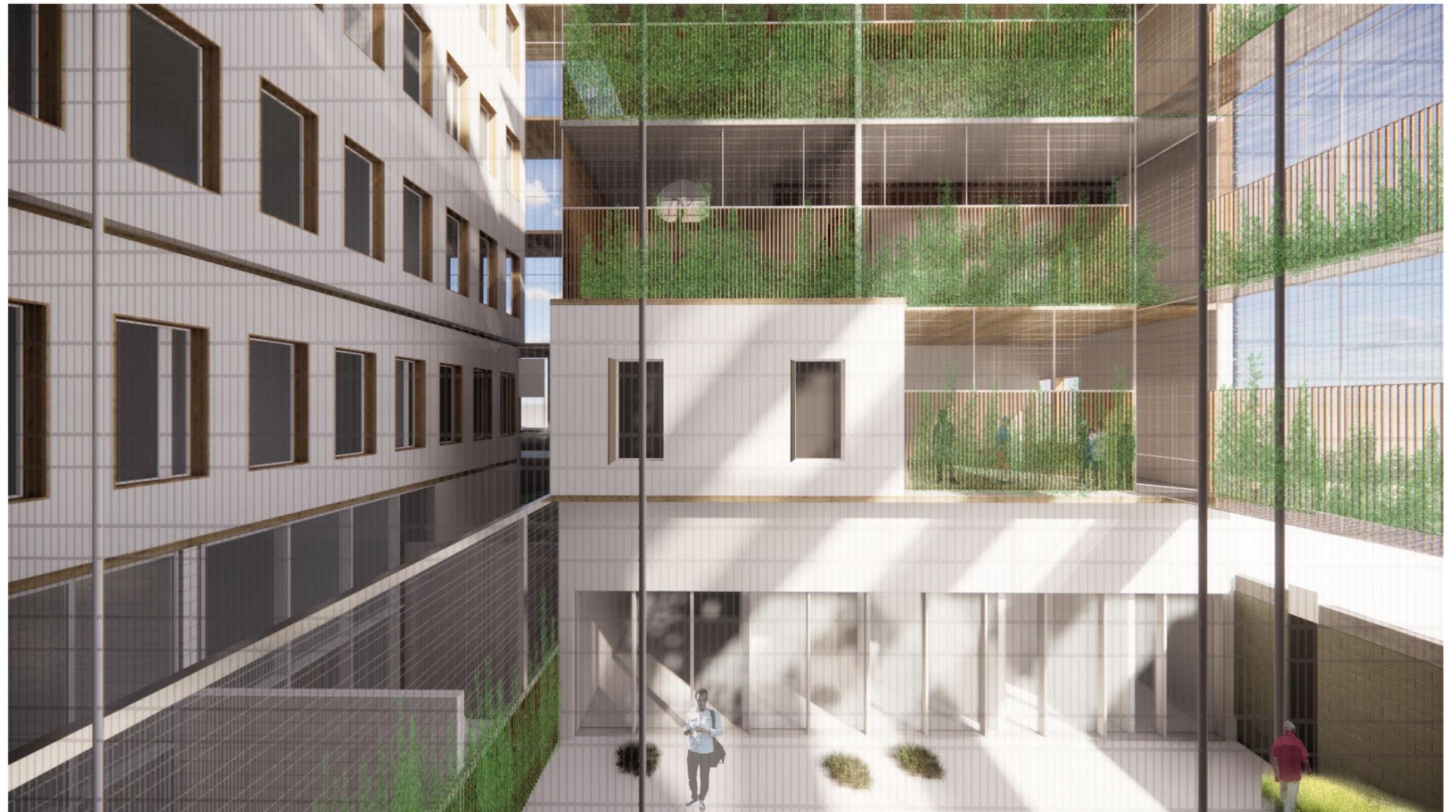
# TYPICAL CLASSROOM



# DINING ROOM & OUTDOOR COURTYARD



# FROM BREEZEWAY LOOKING TOWARDS INTERIOR COURTYARD



# PHYSICAL MODEL



# EXTERIOR MATERIAL PALETTE



Wood Screening



Security Glass



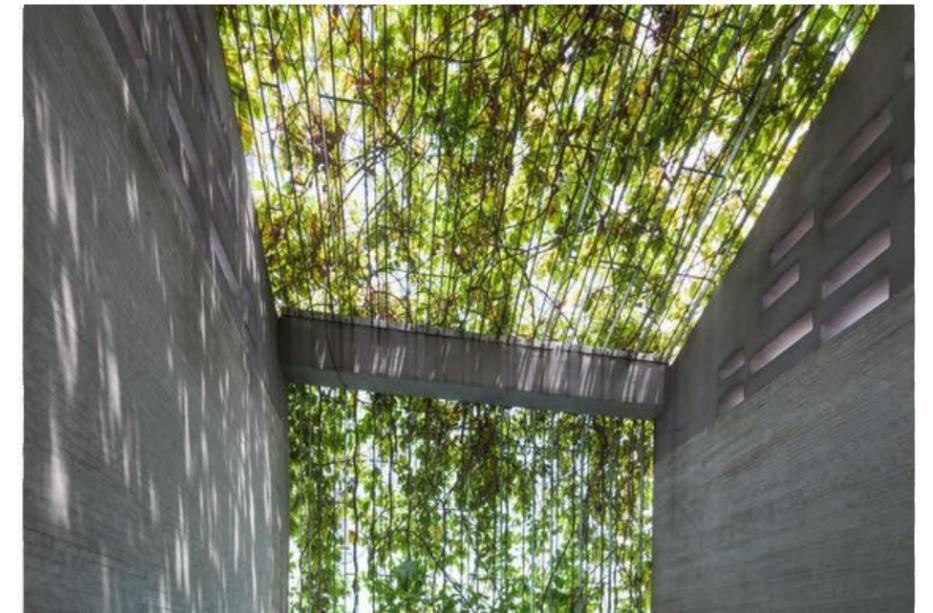
Metal Mesh Screens



Photovoltaic (PV) Canopy



Building Integrated Photovoltaics (BIPV)

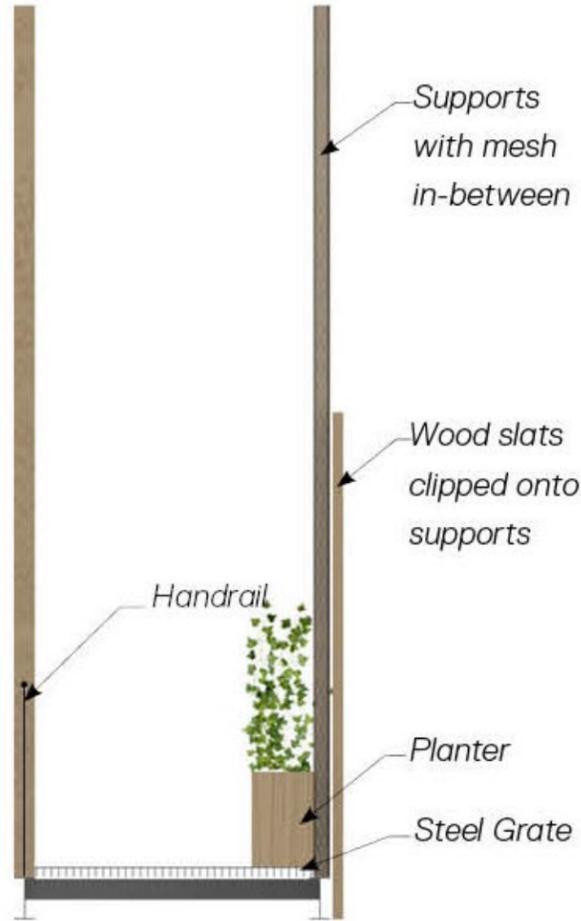


Integrated Greenery

# INTEGRATED PLANTING STUDIES



Planted and Screened Mesh



Illustrative Section



Integrated Greenery



Mesh and Plant screening

# PLANTING PALETTE



*Parthenocissus quinquefolia* | Virginia Creeper



*Bouteloua gracilis* | Blond Ambition

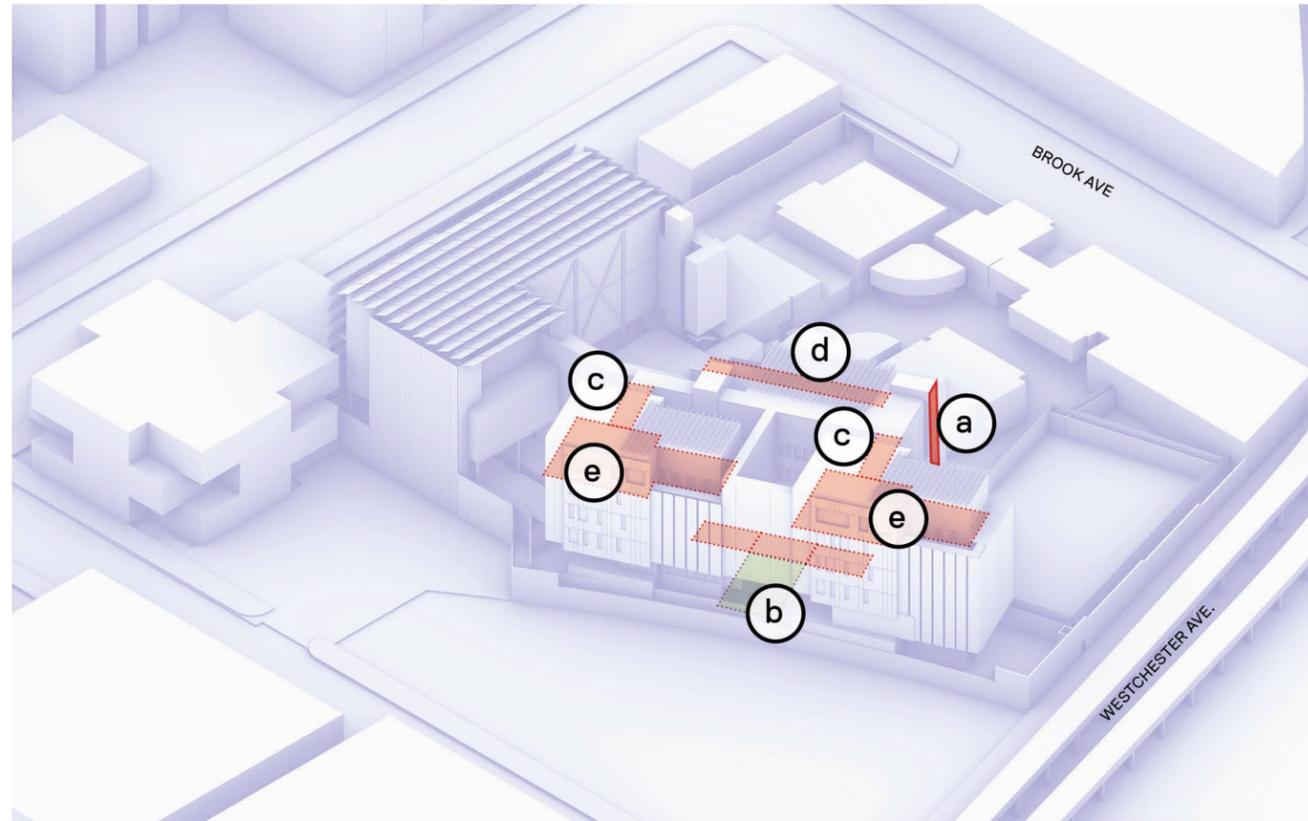


*Hydrangea quercifolia* | Oakleaf Hydrangea

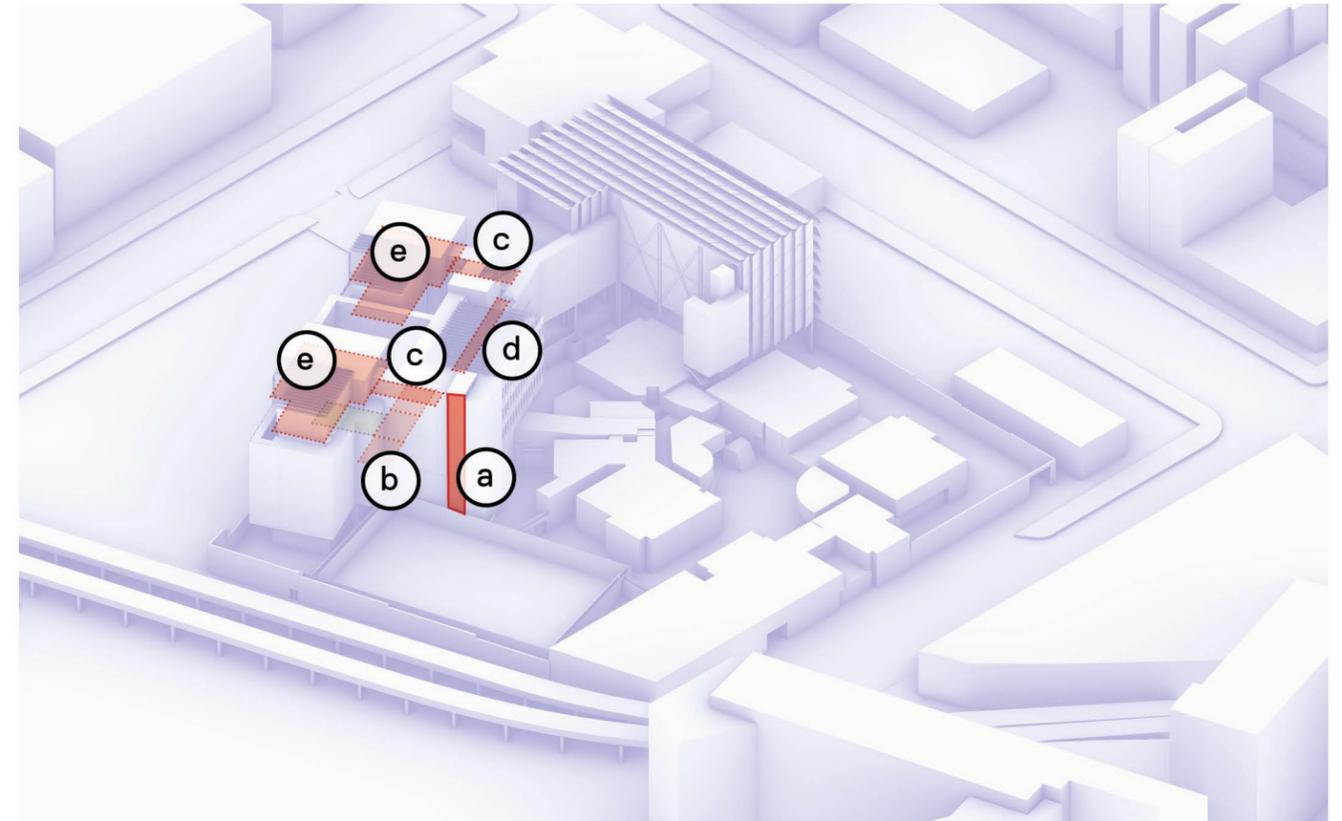


*Lonicera sempervirens* | Native Honeysuckle

# PERCENT FOR ART



North East Diagram

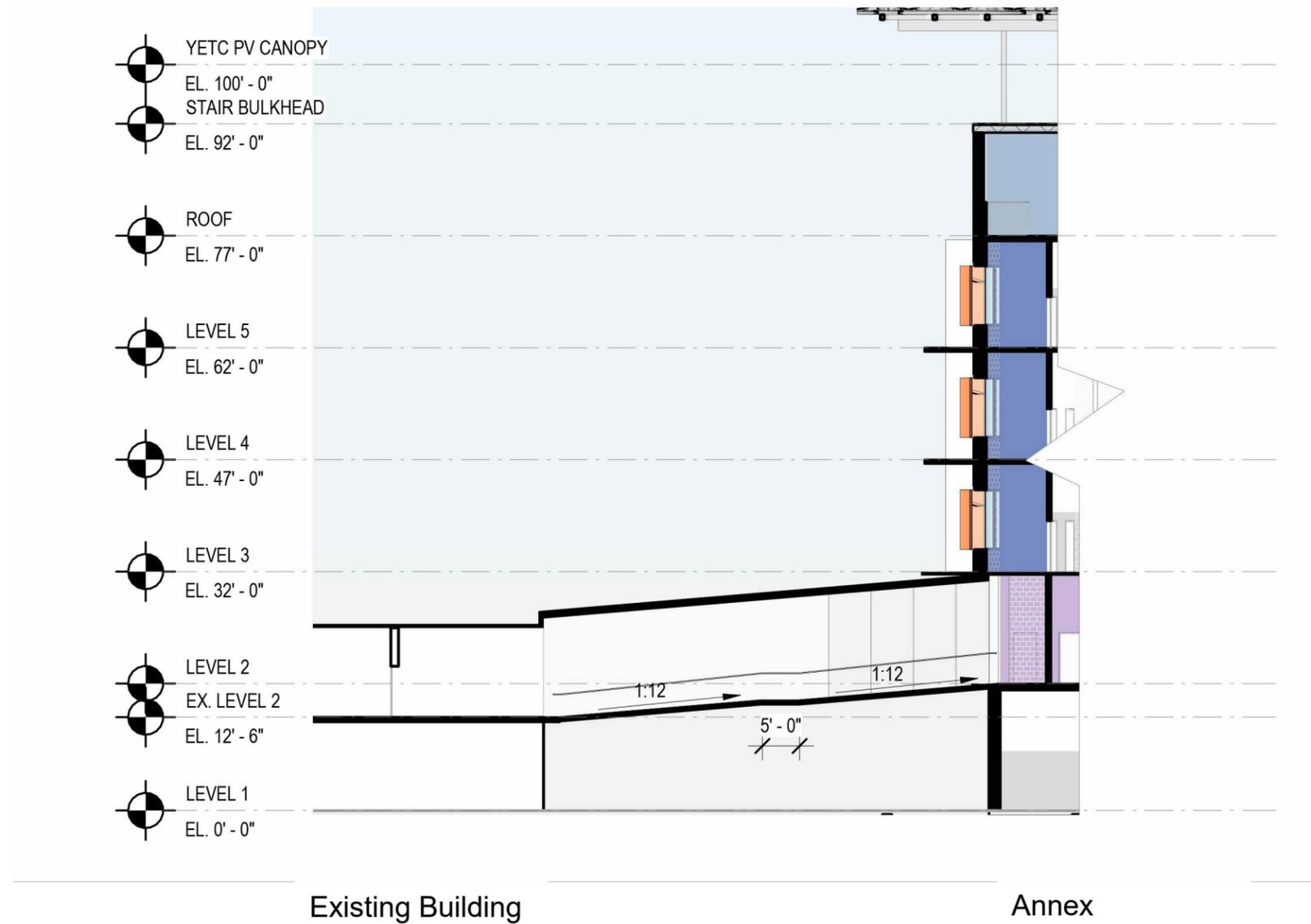


North West Diagram

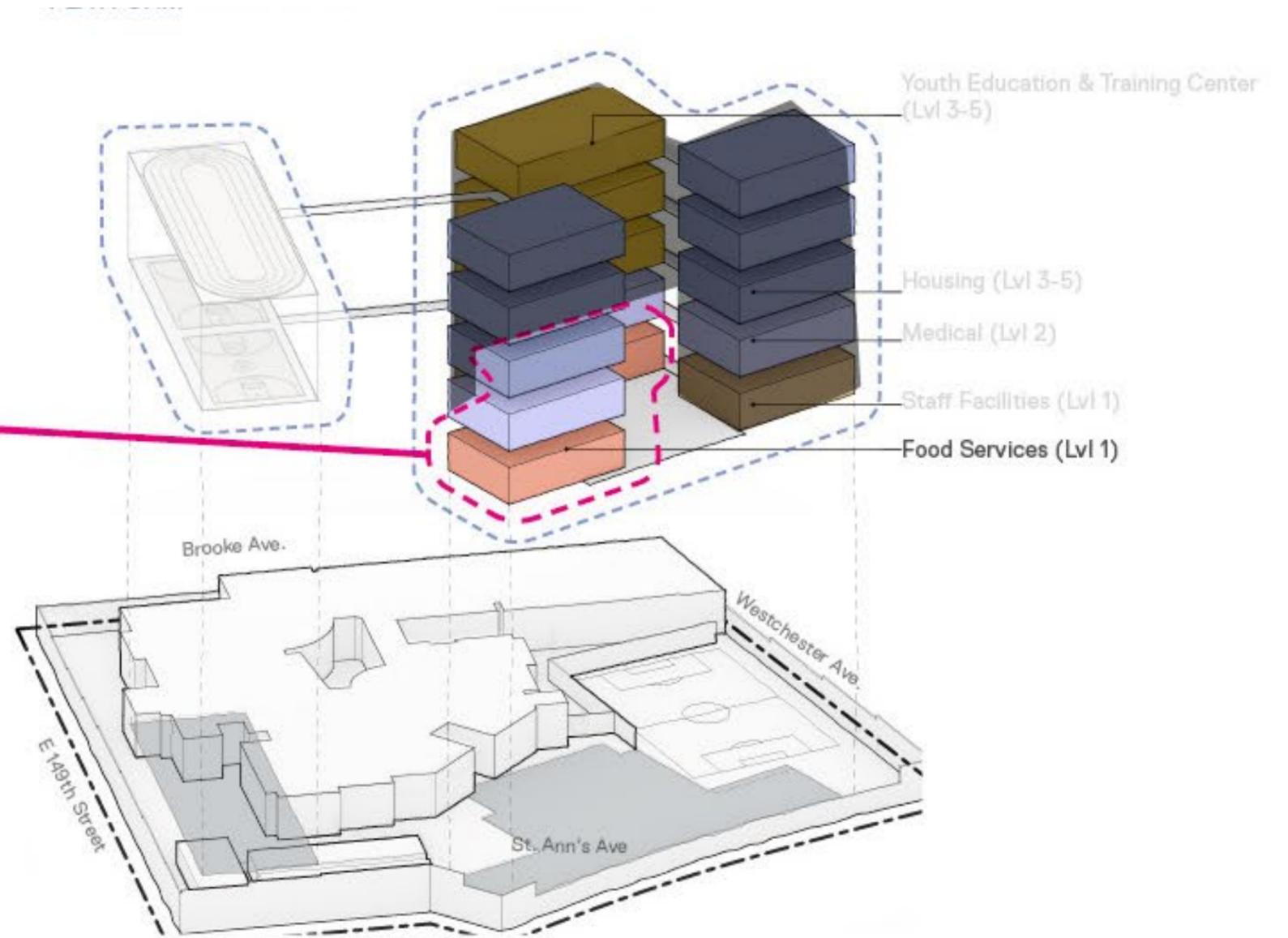
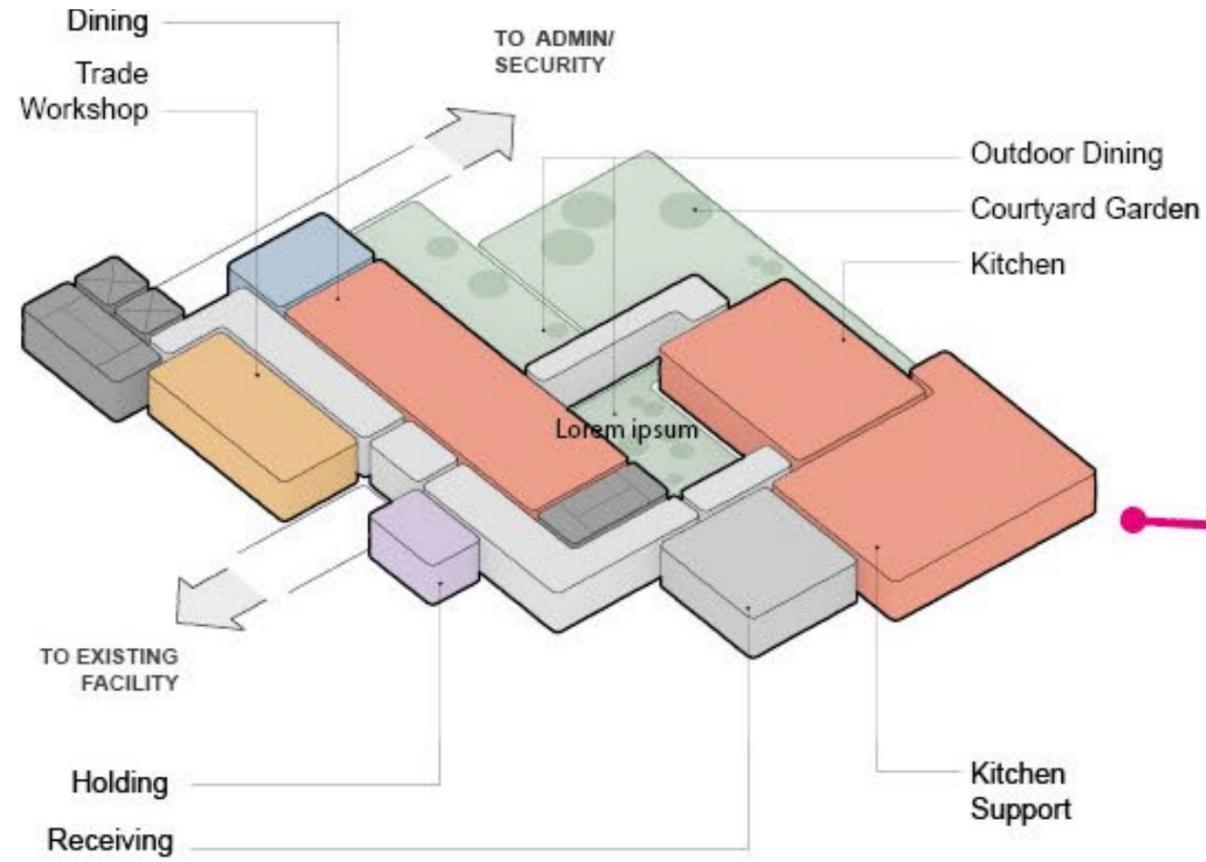
	LOCATION	ORIENTATION	FOR WHOM	OPTION
a.	Annex - North facade of Elevator Tower [L1-L5]	Exterior Façade	Public facing	Primary
b.	Annex - Courtyards [L1]	Exterior Landscape	Youth, Staff	Alternate
c.	Annex - Housing Breezeways [L3-L5]	Interior	Youth, Staff	Primary
d.	Annex - Education Corridor [L3-L5]	Interior	Youth, Staff	Primary
e.	Annex - Housing Units [L3-L5]	Interior	Youth	Alternate

# APPENDIX

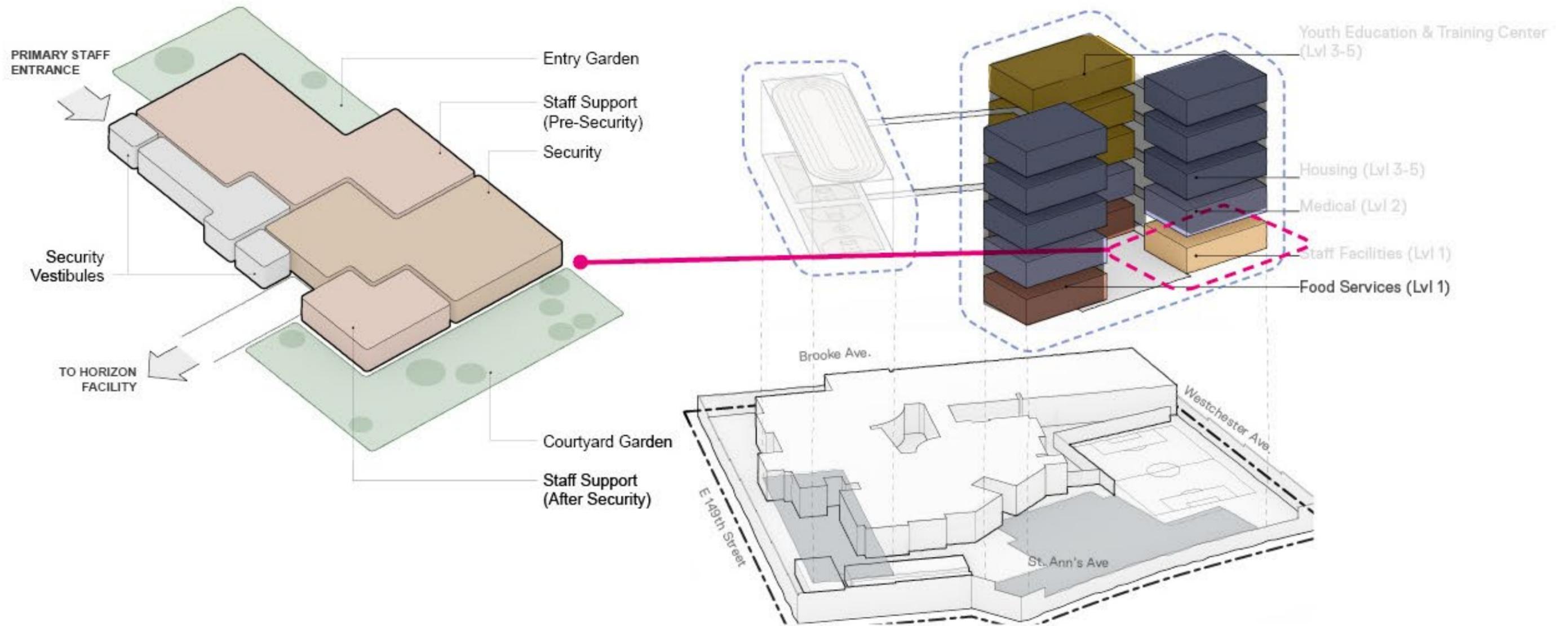
# BRIDGE CONNECTIONS



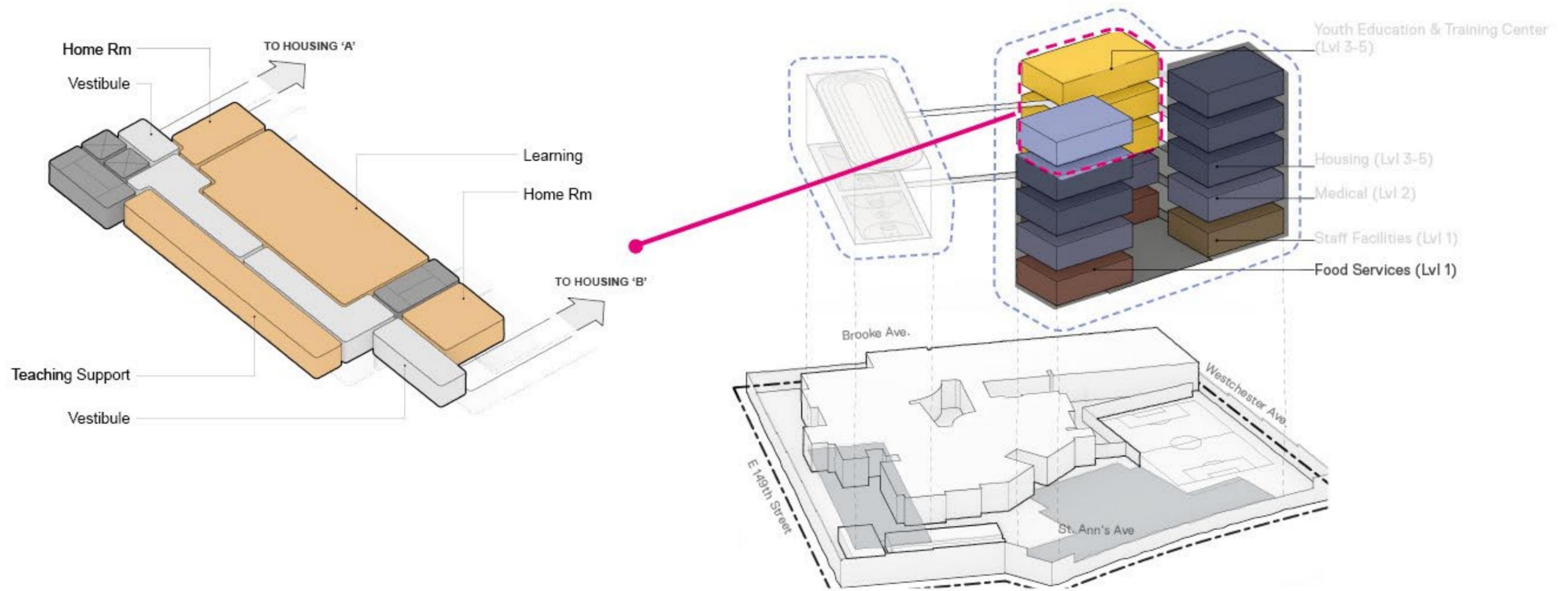
# PROGRAM- DINING HALL



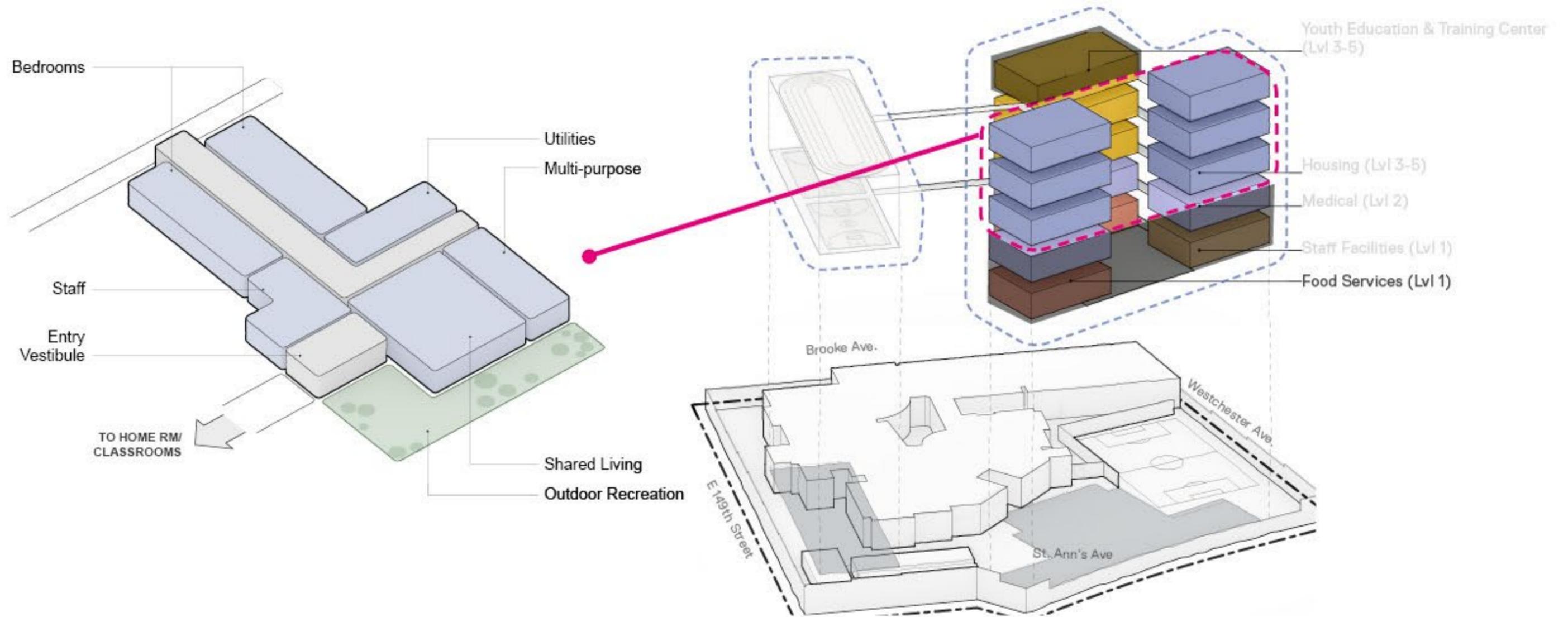
# PROGRAM- ADMIN AREA



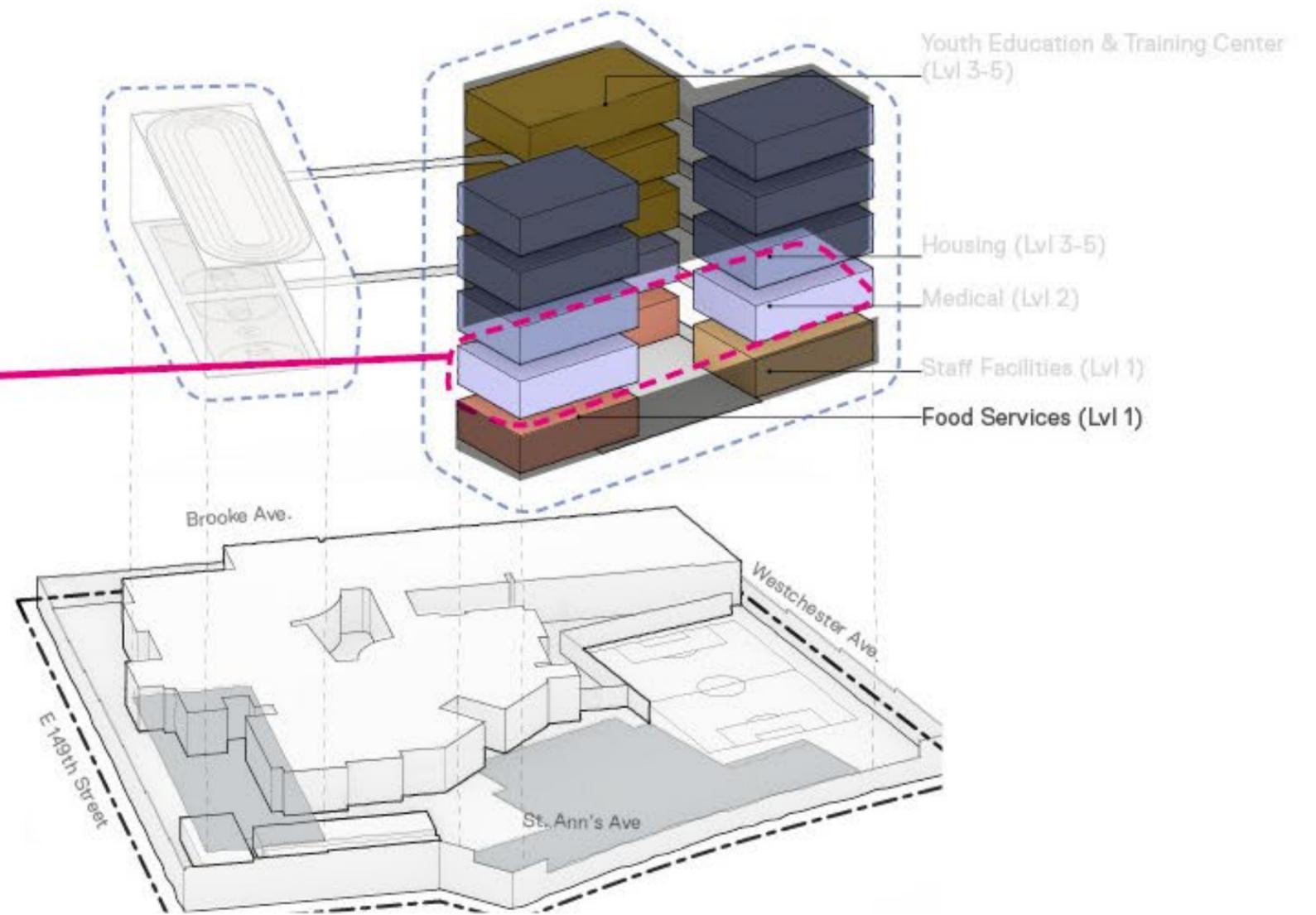
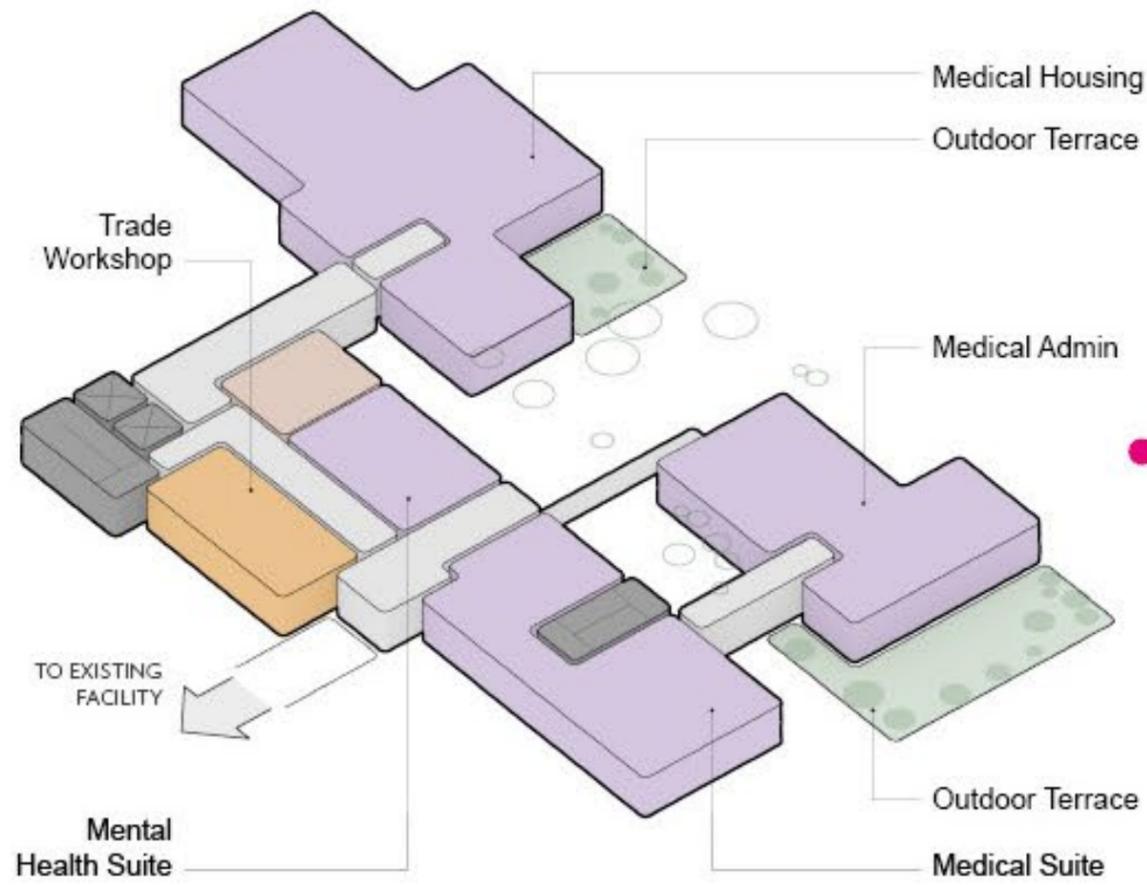
# PROGRAM- CLASSROOMS



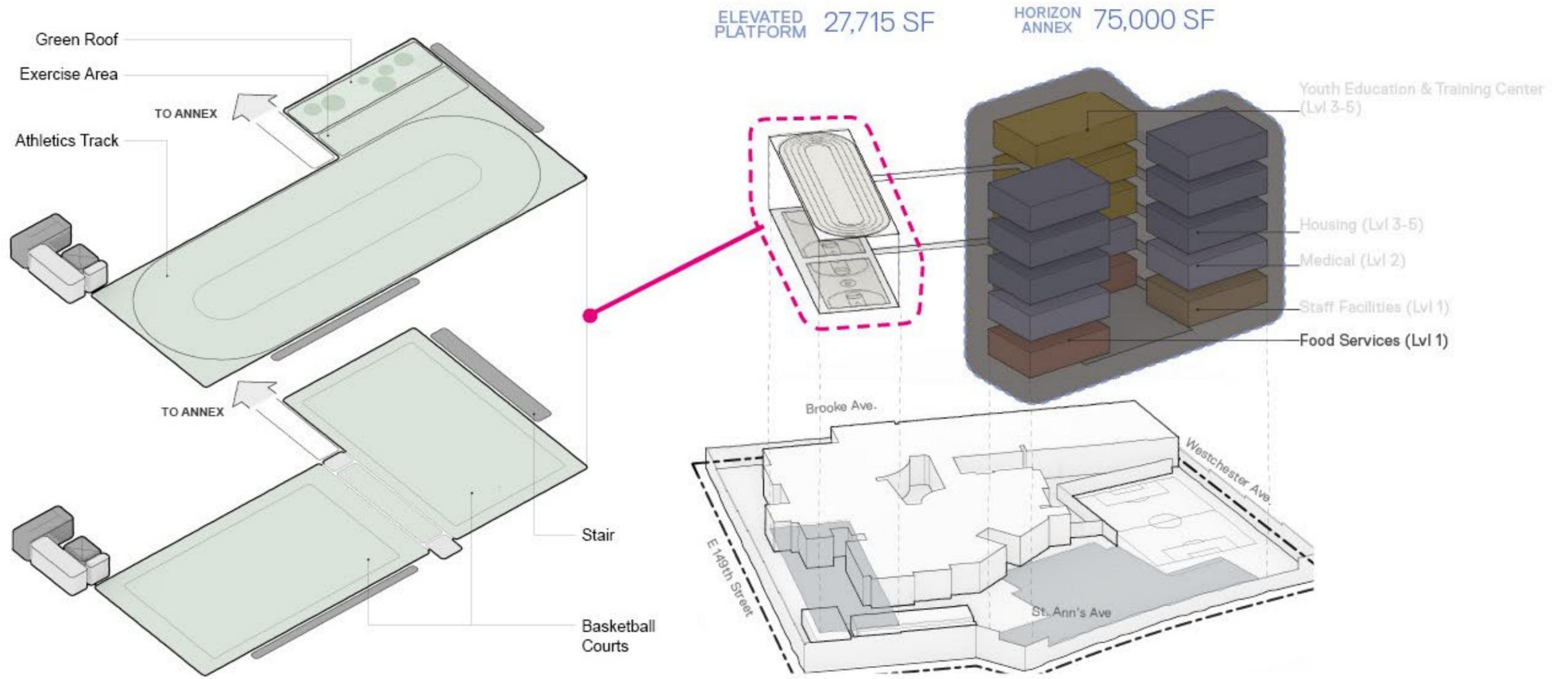
# PROGRAM- HOUSING



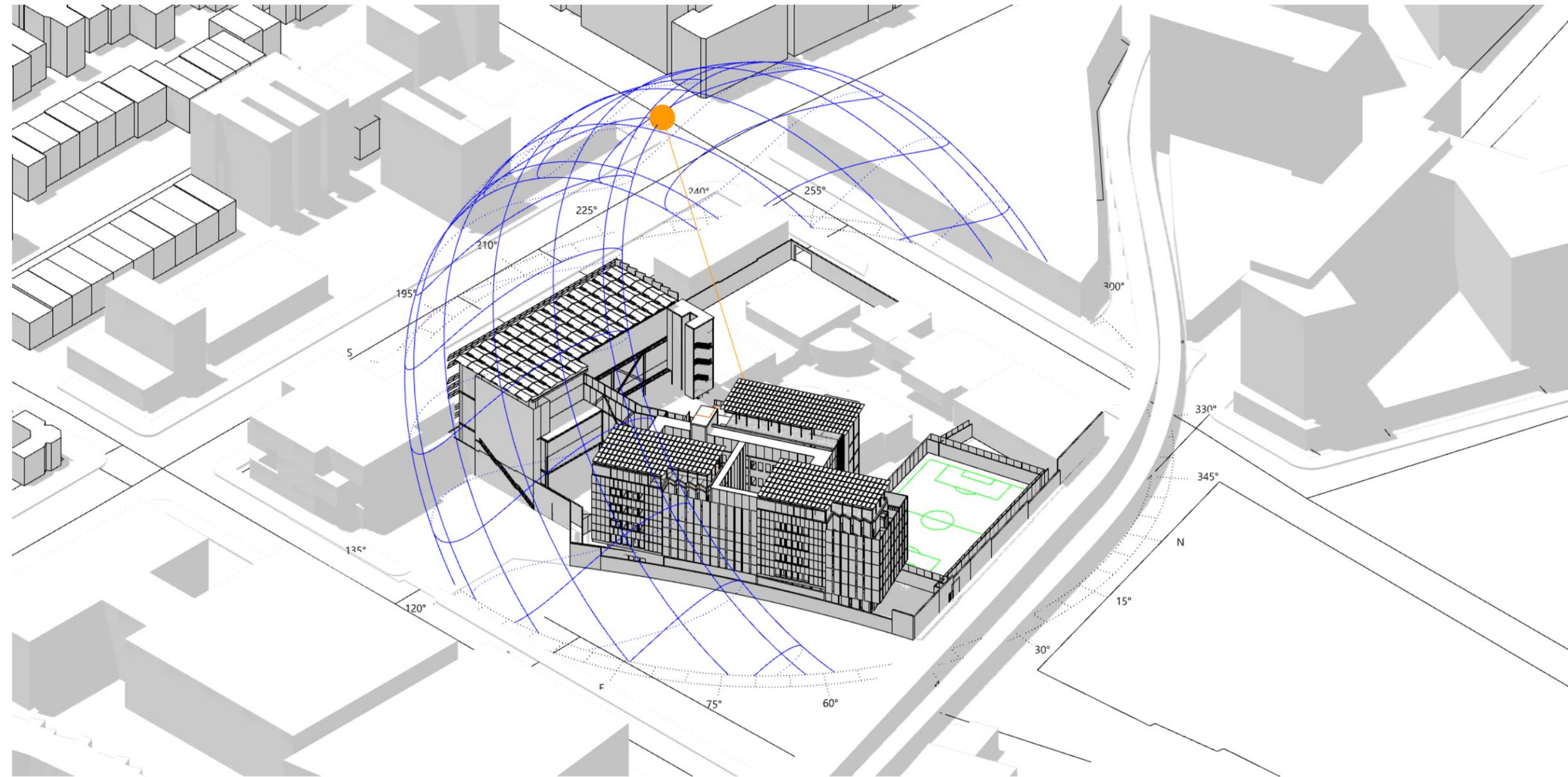
# PROGRAM- MEDICAL



# PROGRAM- RECREATION

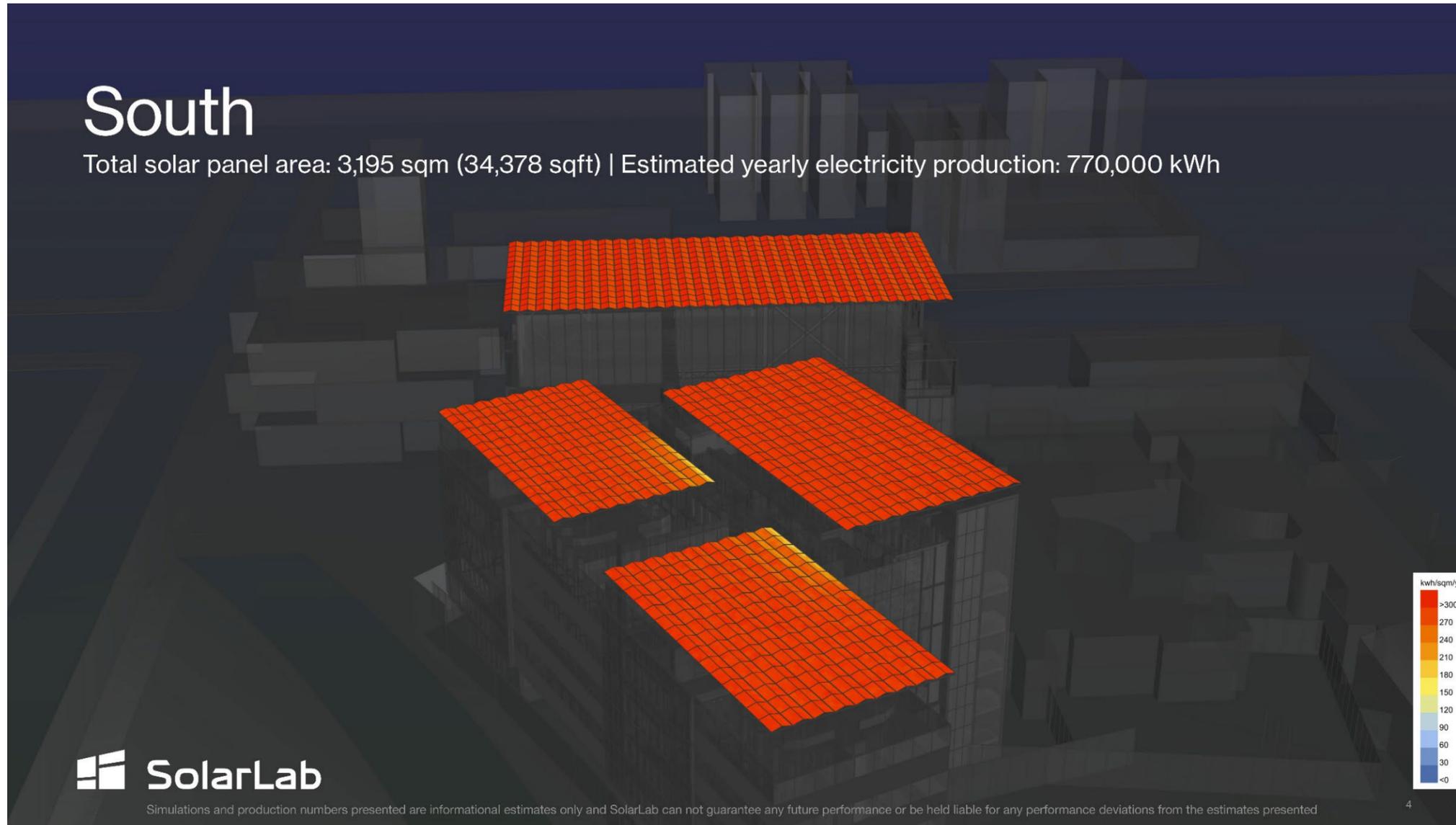


# SITE SOLAR STUDY

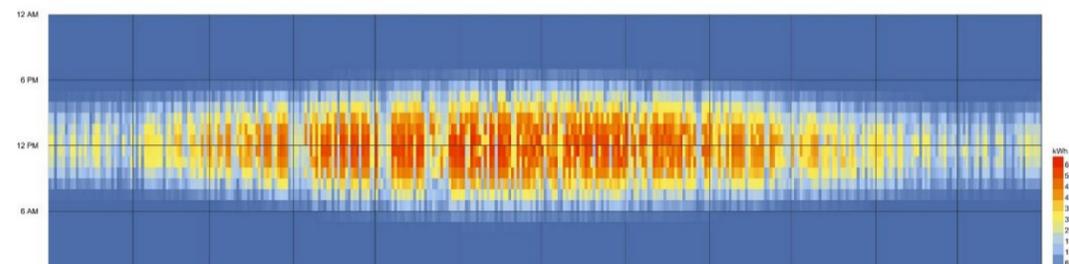


June 21, Noon

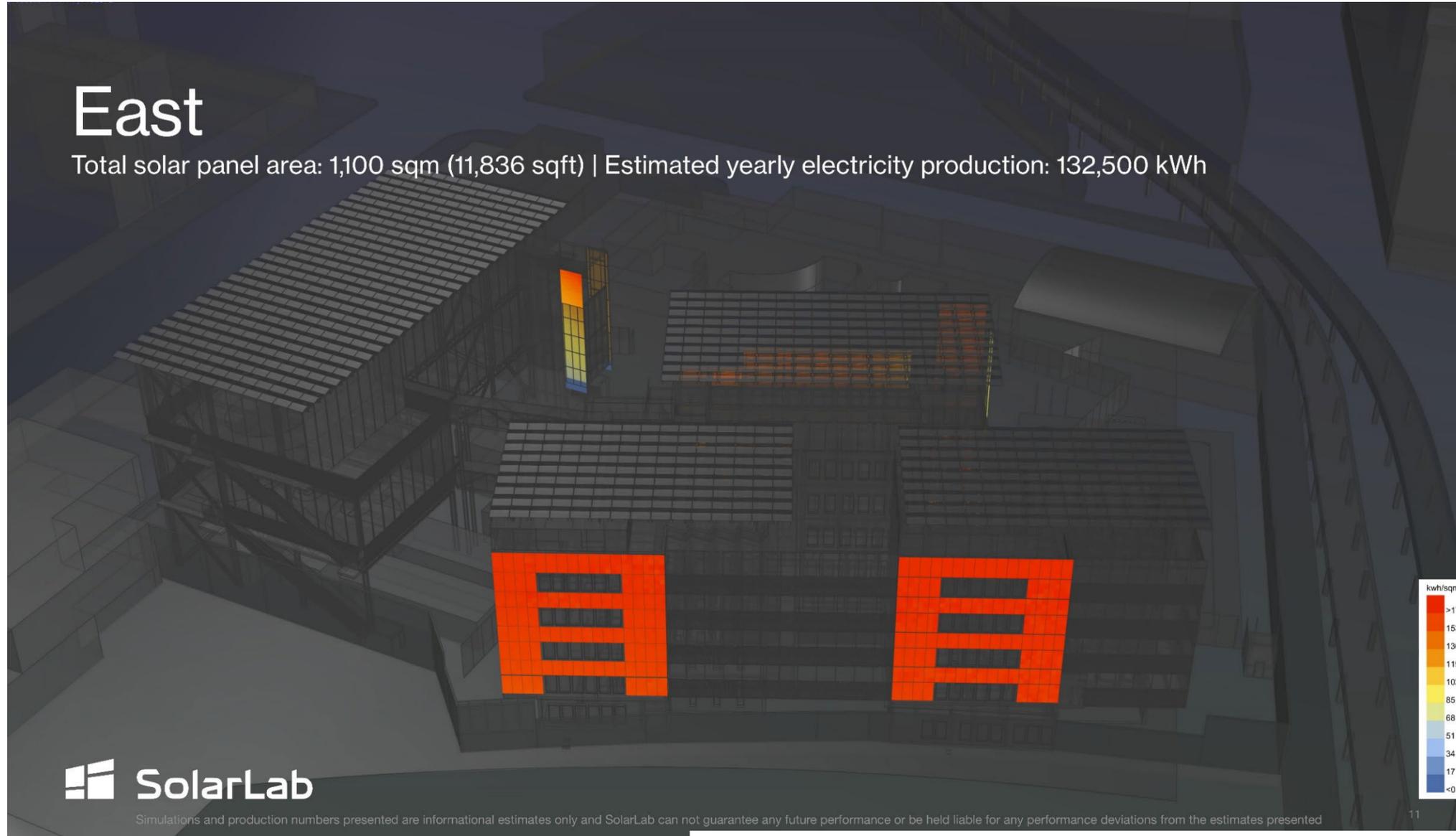
# ENERGY STUDIES – PV CANOPIES



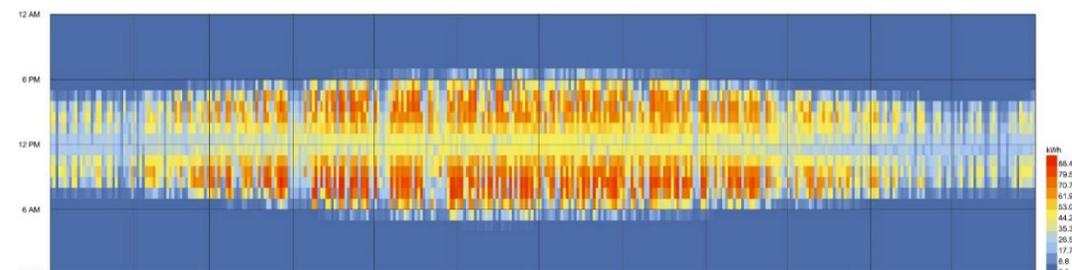
Energy production by hour



# ENERGY STUDIES – EAST FACADE



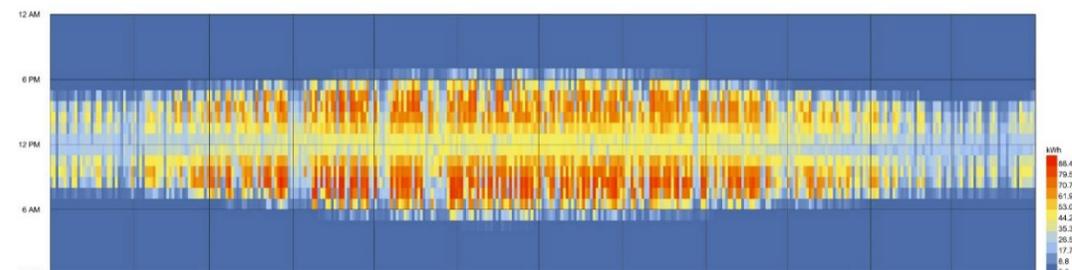
Energy production by hour



# ENERGY STUDIES – WEST FACADE



Energy production by hour



# SECURITY GLAZING

