



# J.O. Wilson Elementary School Modernization

July 2024 CFA Concept Presentation

Design Build Team:

Perkins Eastman DC &

Chiaromonte-Davis Joint Venture

# Agenda

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- Site review
- Plans update
- Entrance update
- Exterior design update

## Community Values:

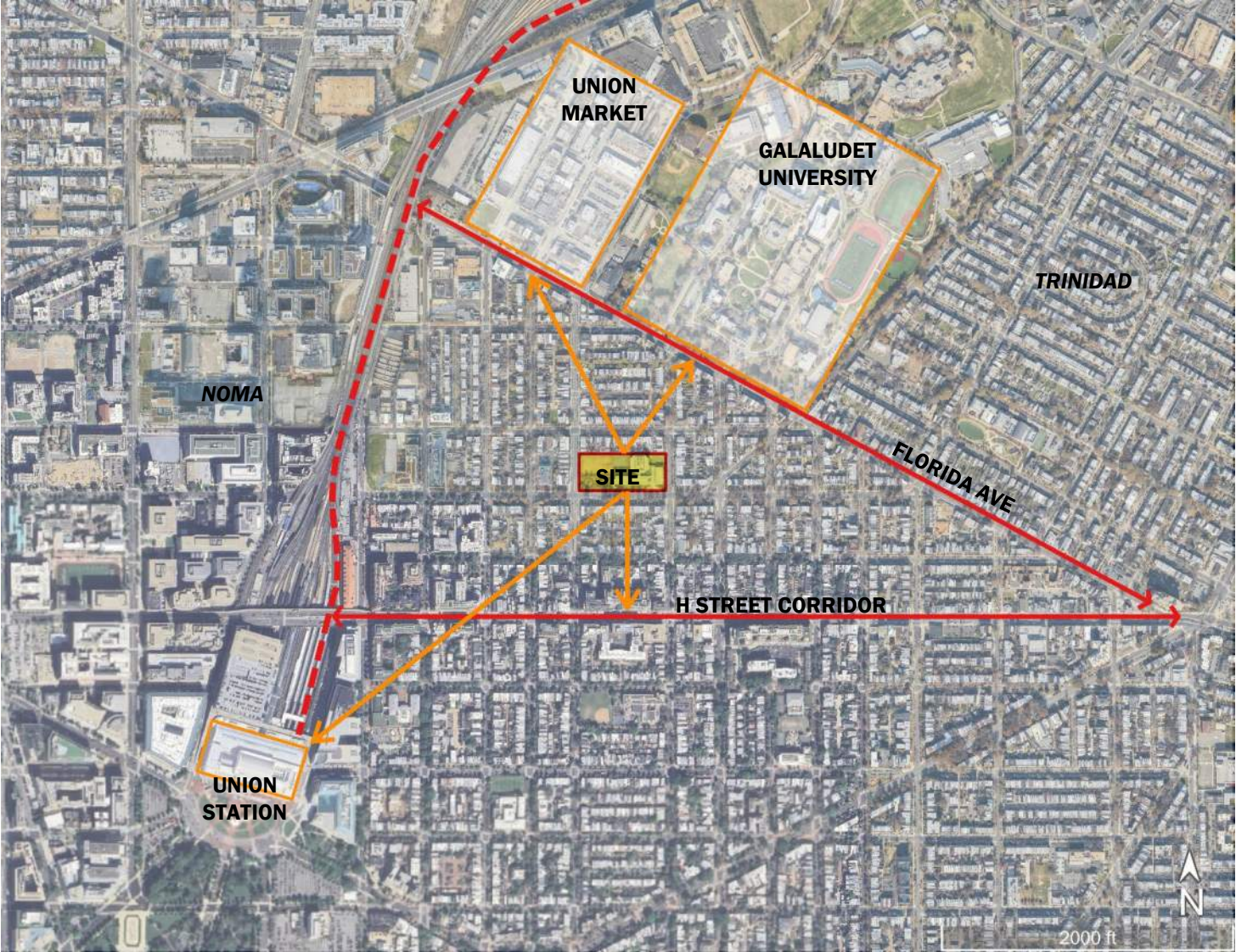
- Preserve play space on west
- Preserving entrance & multi-purpose room
- “The Commons” enhance sense of community





# Site Analysis

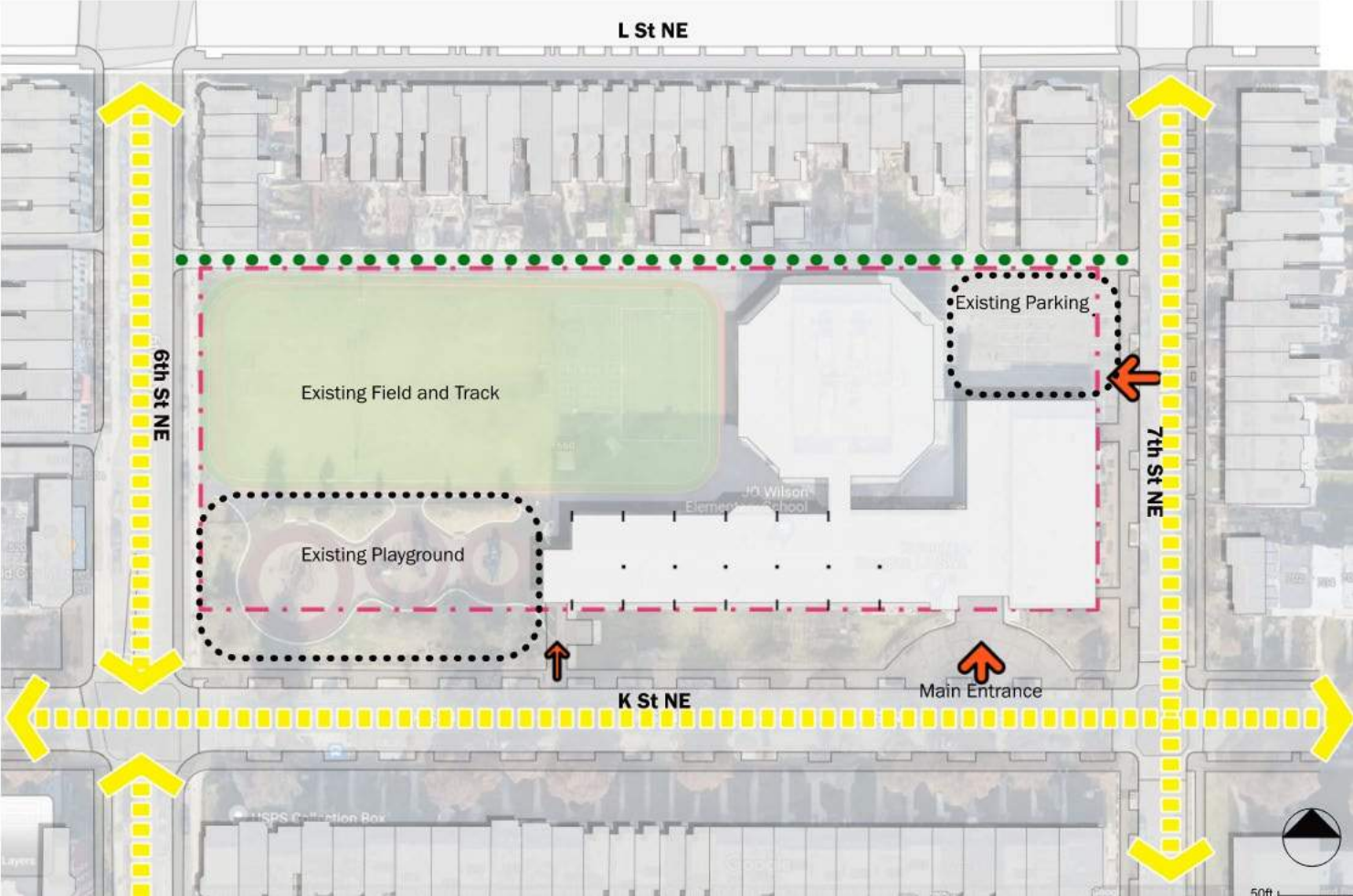
## Neighborhood Context





# Site Analysis

## Existing Site Plan



Row Houses on 6<sup>th</sup> St



Row Houses on K St



Row Houses on 7<sup>th</sup> St



Row Houses on L St



# Existing Building

## Site Conditions



1

South Facade



2

Main Entrance



3

East Facade



4

North Façade of Original 1961 Building



5

West Façade of 1974 Addition



6

Field & Track



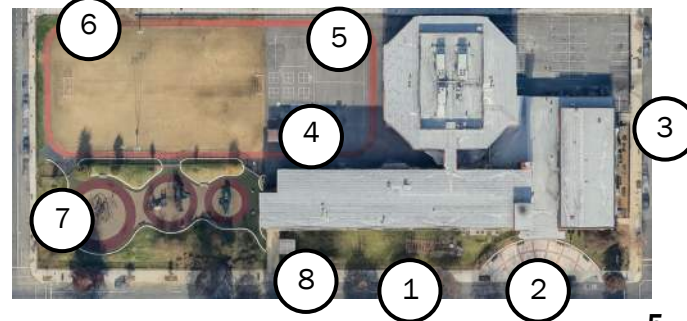
7

West side of Playground



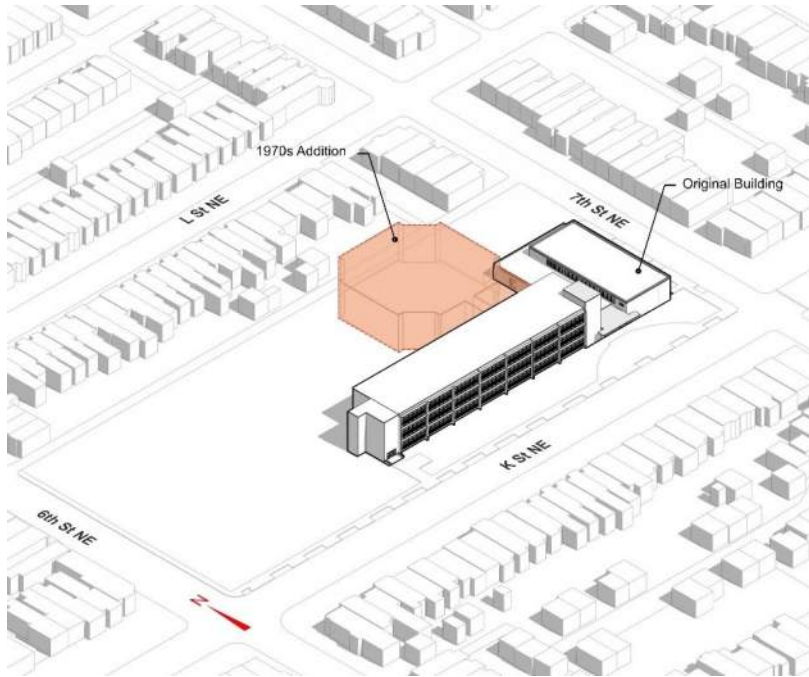
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East side of Playground

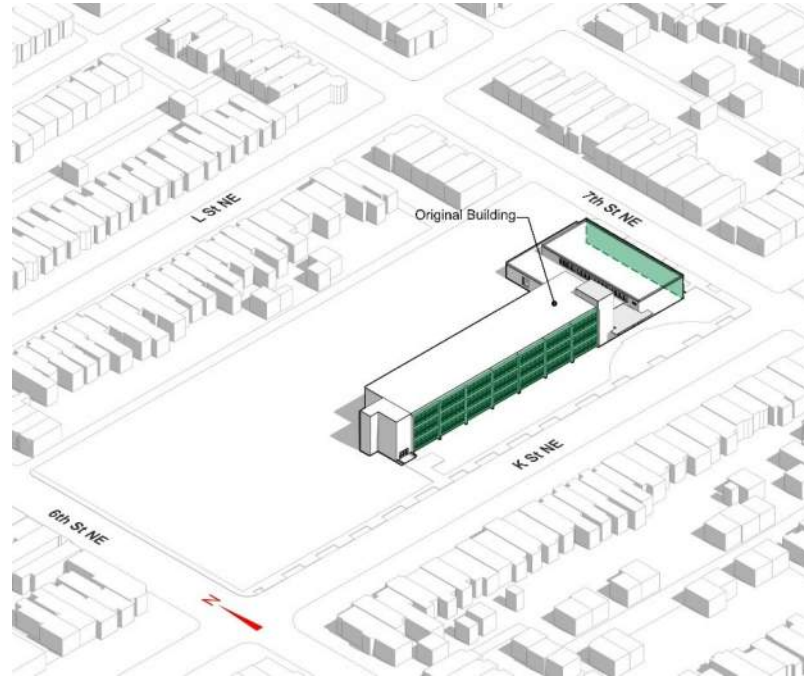




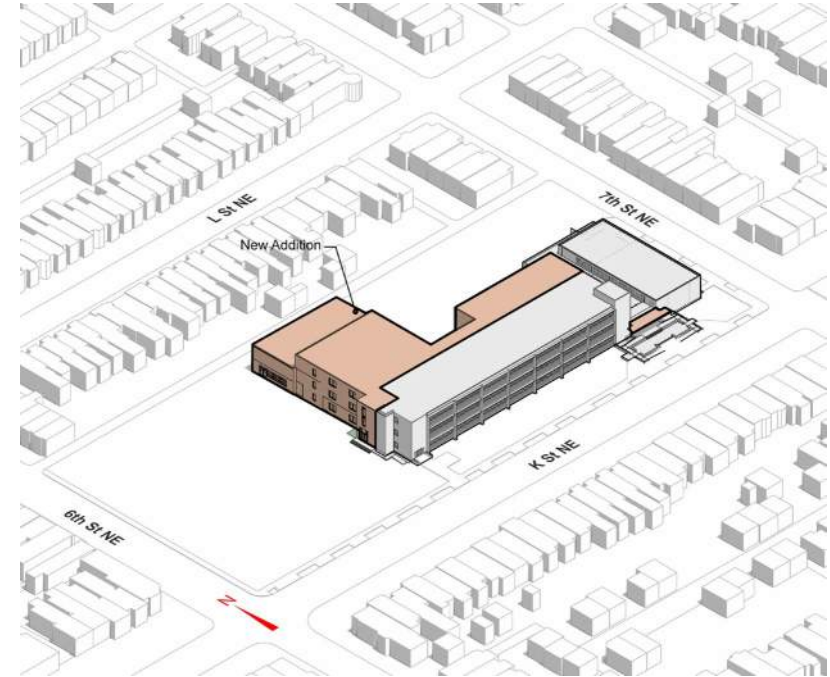
# Project Scope



1. Demolish 1970's 'Octagon' Addition



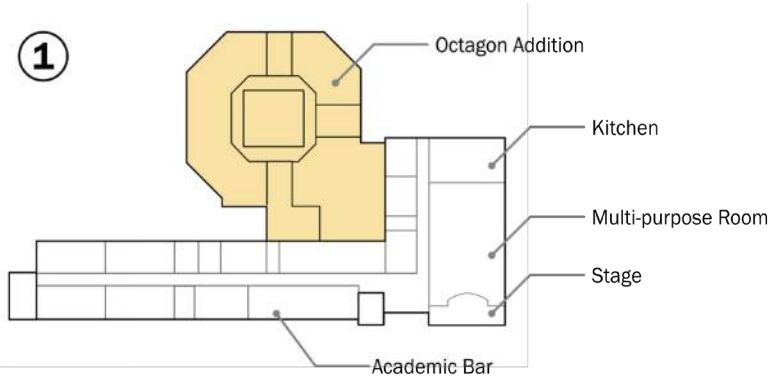
2. Preserve Original 1960's South & East Facades



3. Addition to North of Building

# Project Scope

1



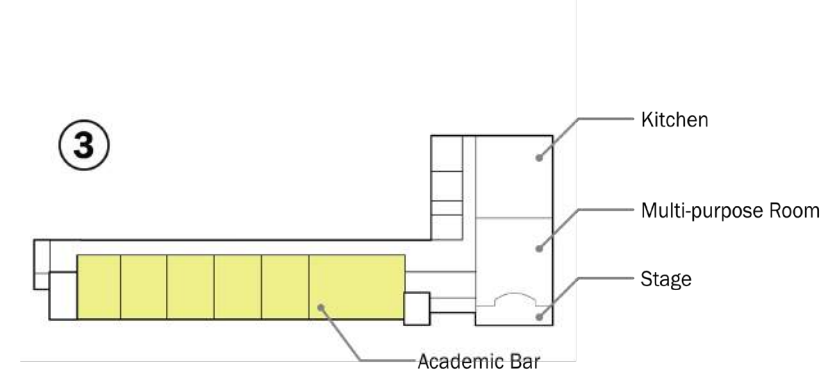
Demolish Octagon Addition

2



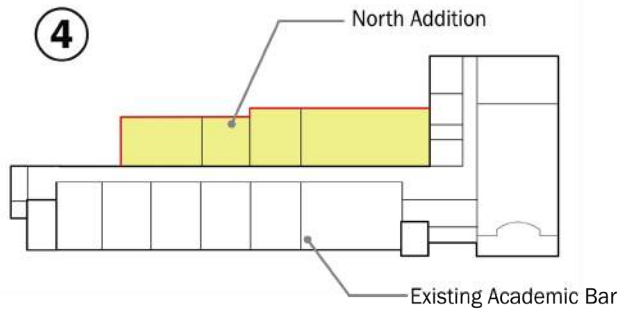
Retain Original Building

3



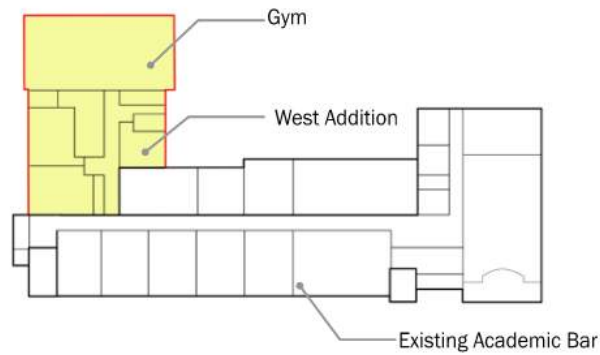
Single-Load Existing Academic Bar

4



Expand Academic Bar North

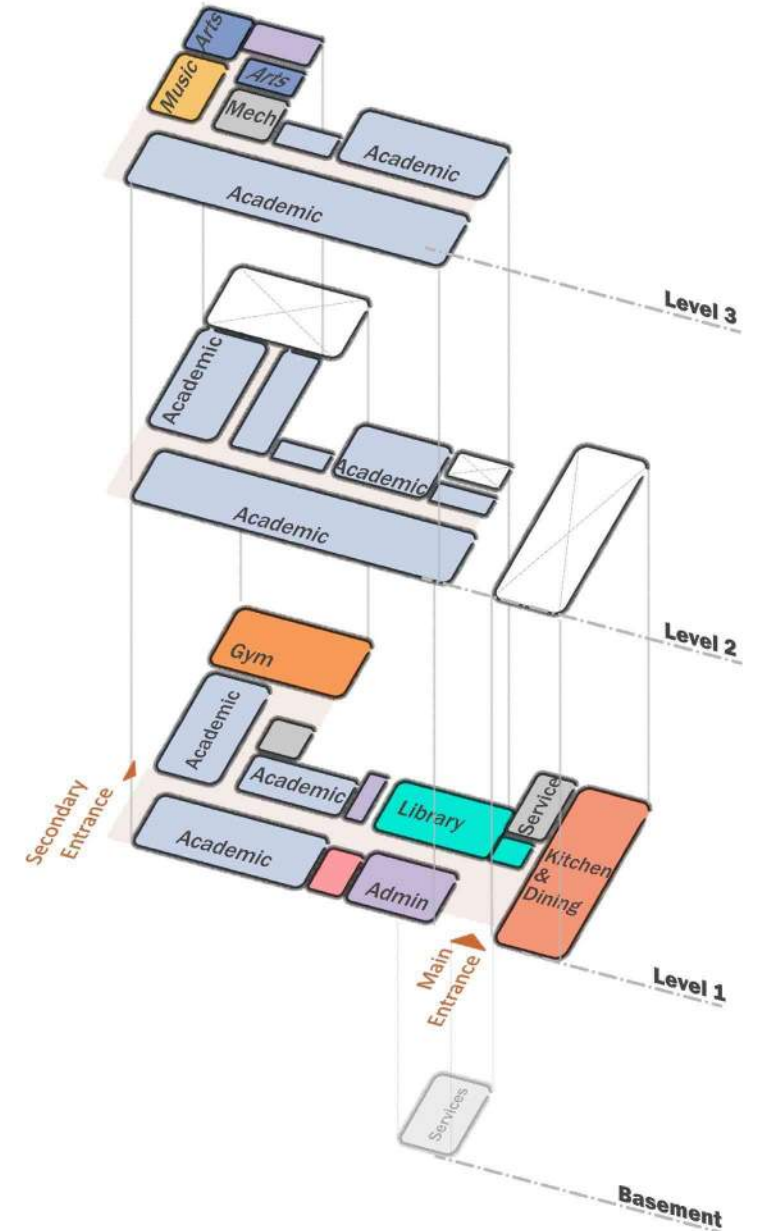
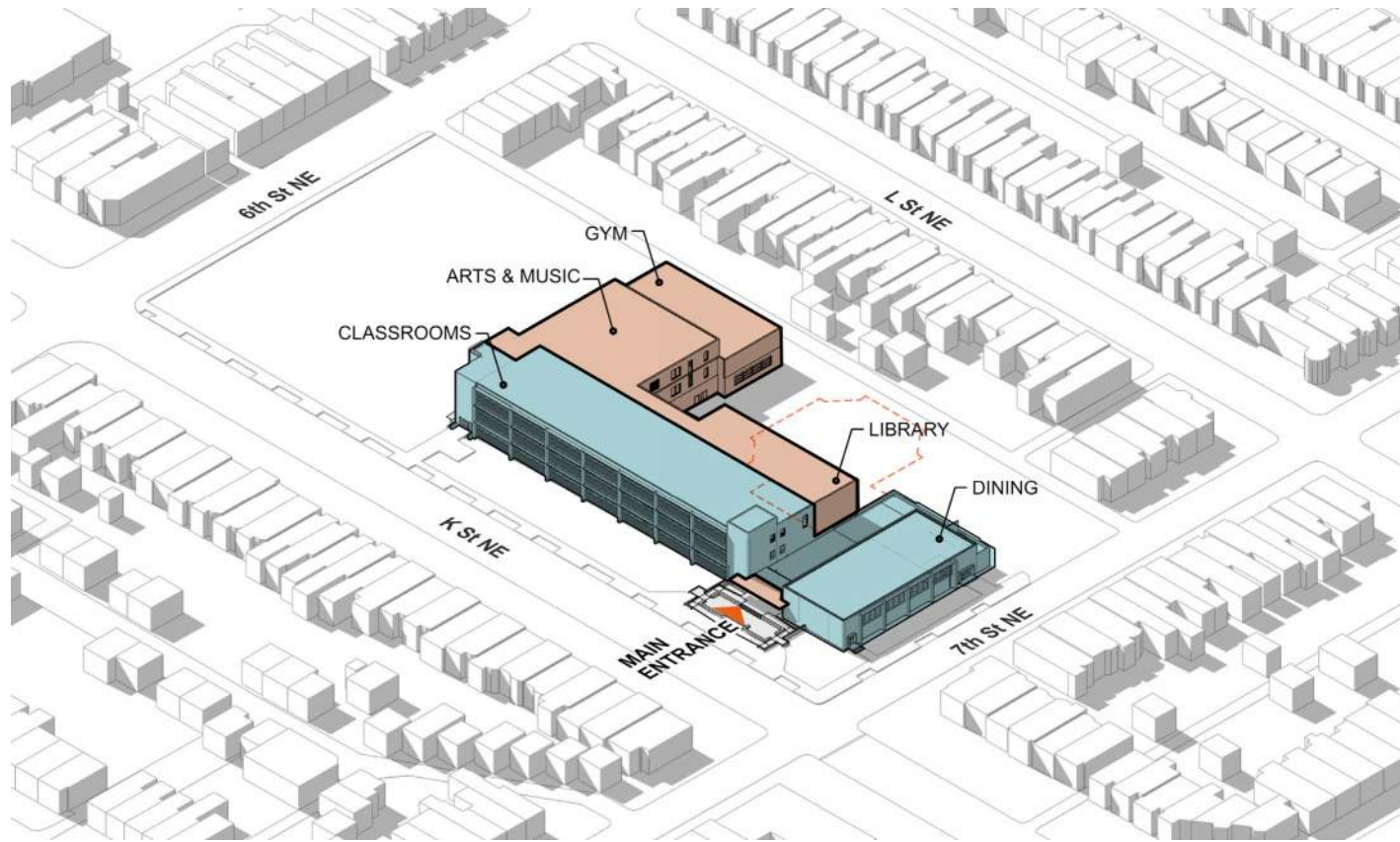
5



West Addition

# Renovation & Addition Design

## Program Adjacency Diagram





# Renovation & Addition Design

## Site Design Progress



# Floor Plans

## First Floor





# Floor Plans

## Second Floor



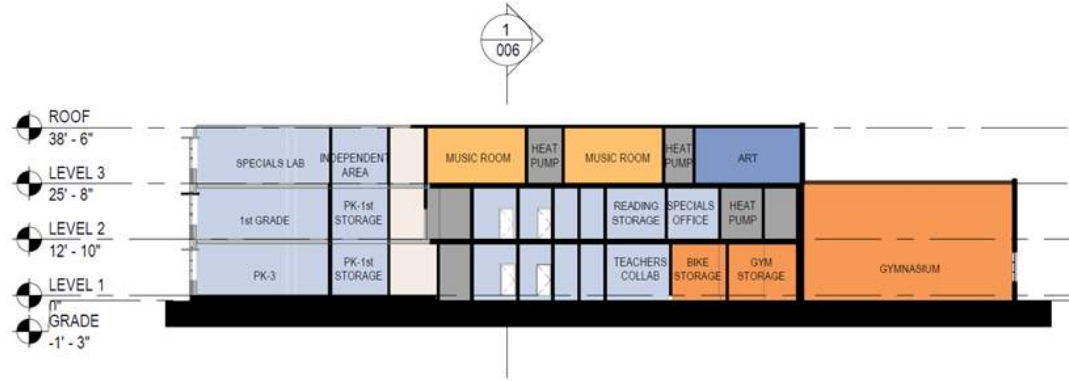
# Floor Plans

## Third Floor

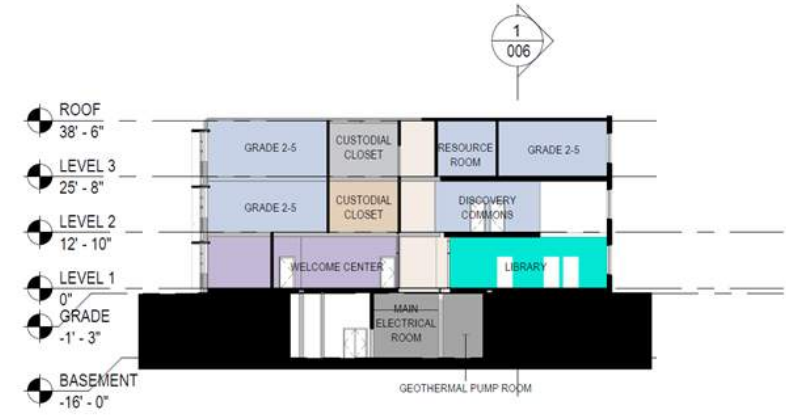




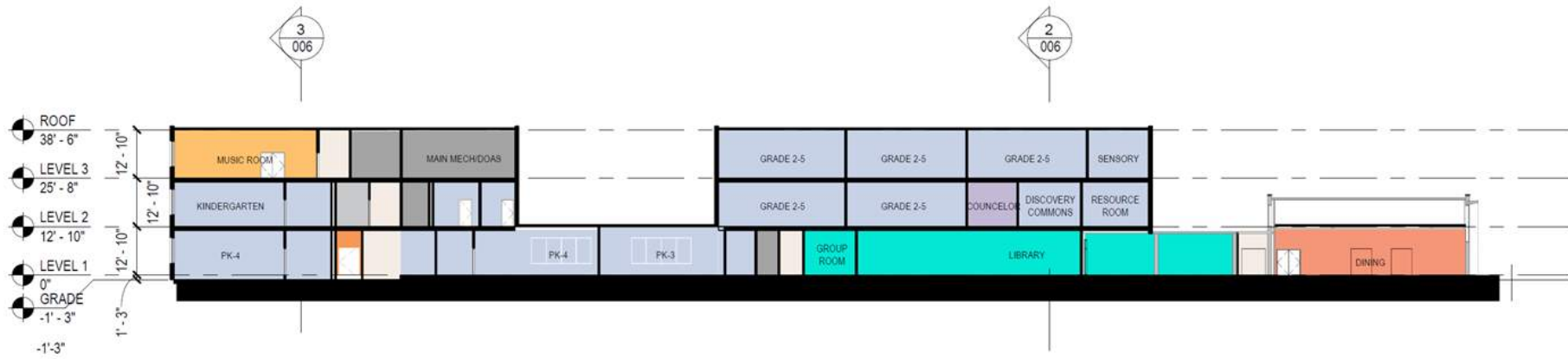
# Building Sections



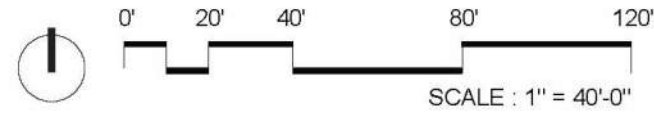
3 **N-S SECTION - ADDITION**  
1" = 30'-0"



2 **N-S SECTION - EXISTING BLDG**  
1" = 30'-0"



1 **EAST-WEST SECTION**  
1" = 30'-0"



# Renovation & Addition Design

## South Façade Sunshades

Current challenges of the existing façade:

- Glare in classrooms:  
Analysis shows high levels of glare in classrooms
- Thermal bridging:  
Thermography photo showing thermal bridge through concrete frame



EXISTING



PROPOSED





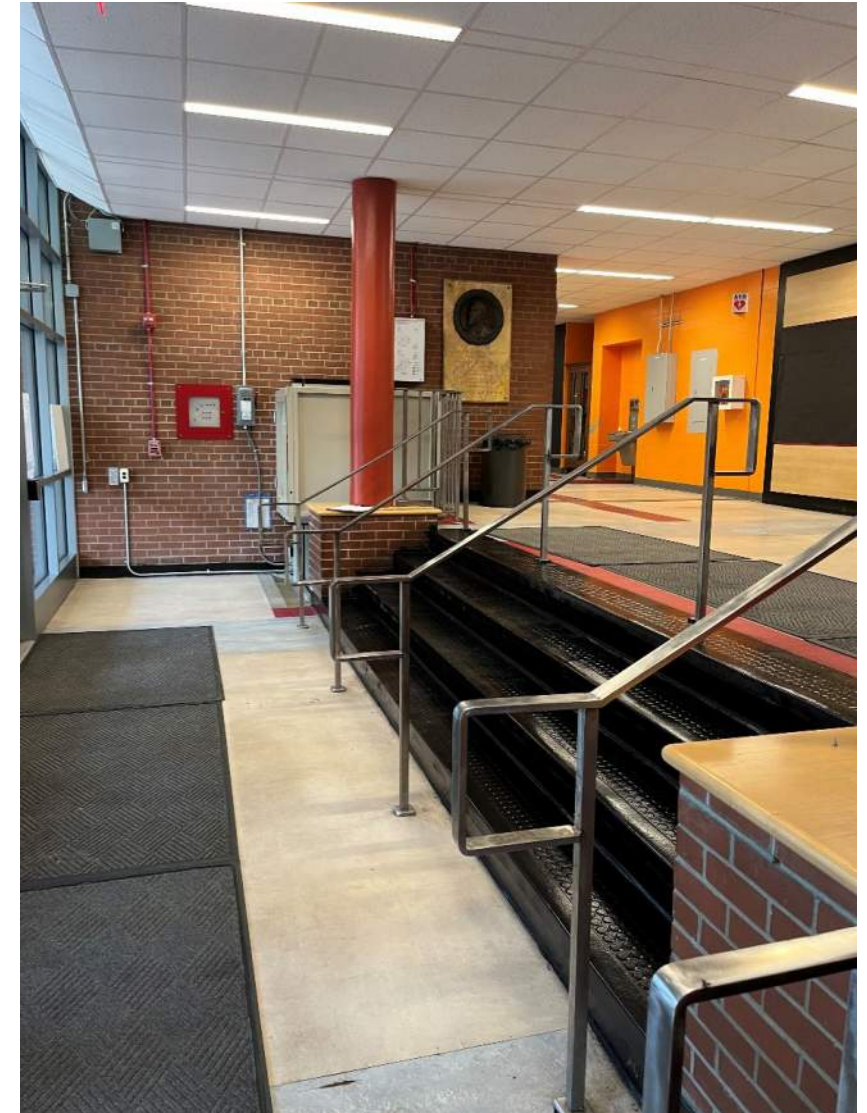
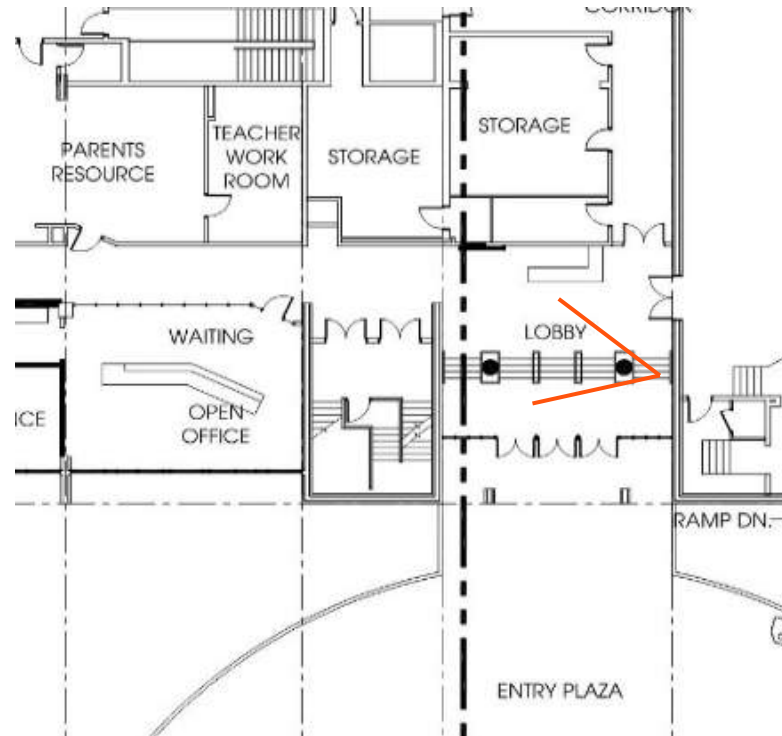
# Main Entrance

## Current Interior Conditions

Left: Existing Main Entrance

Middle: Entrance at grade with stairs and chair lift

Right: First floor corridor

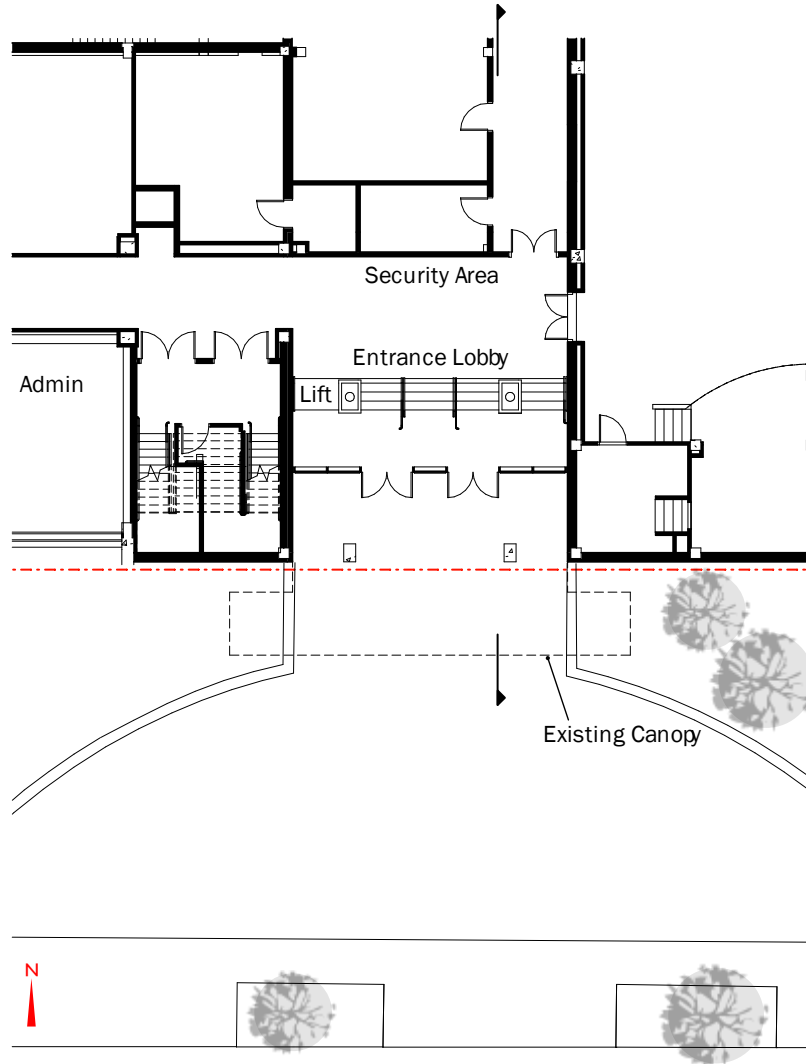


# Main Entrance

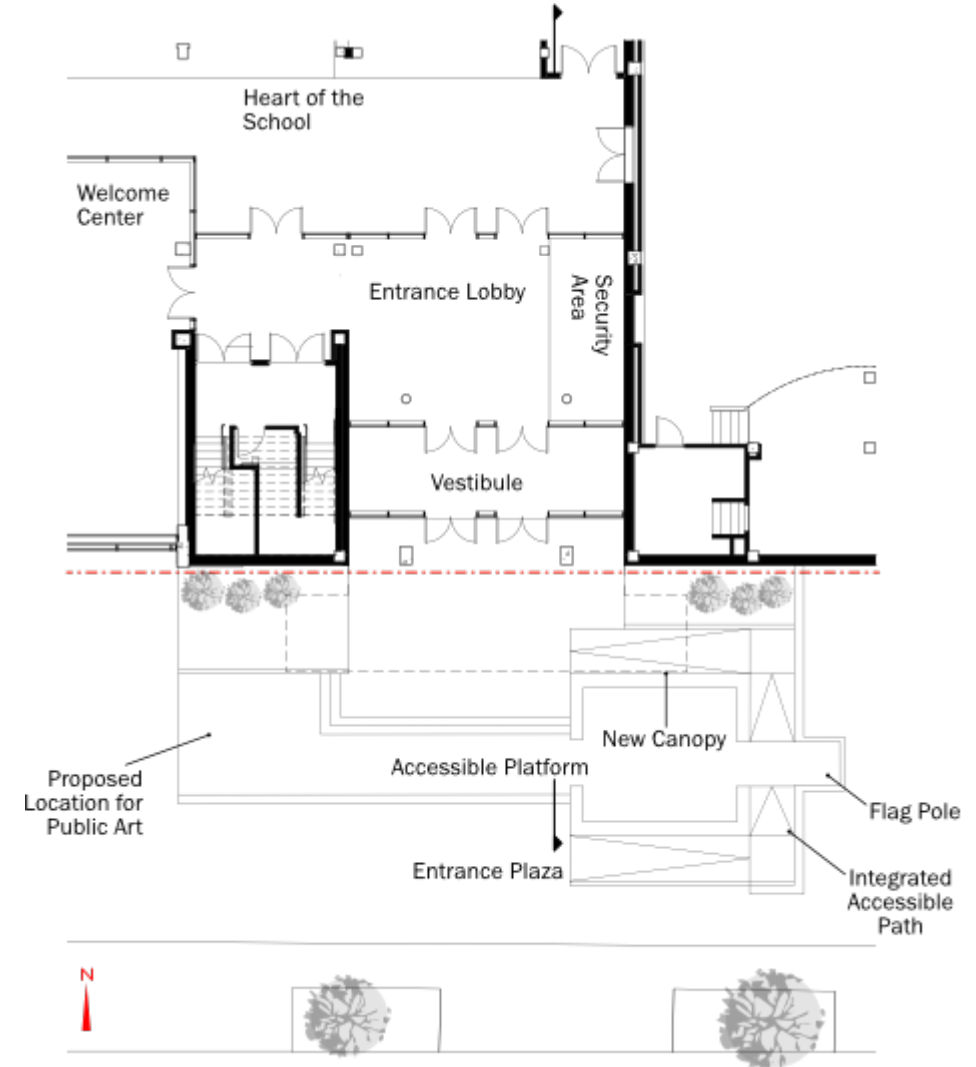
## Entry Sequence

Previous CFA Feedback:

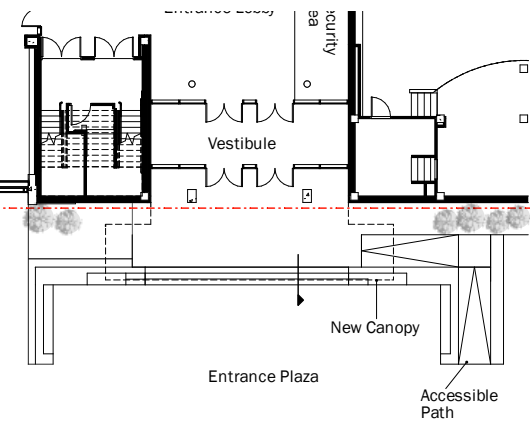
- Make the accessible path more integrated into the plaza design



EXISTING



PROPOSED

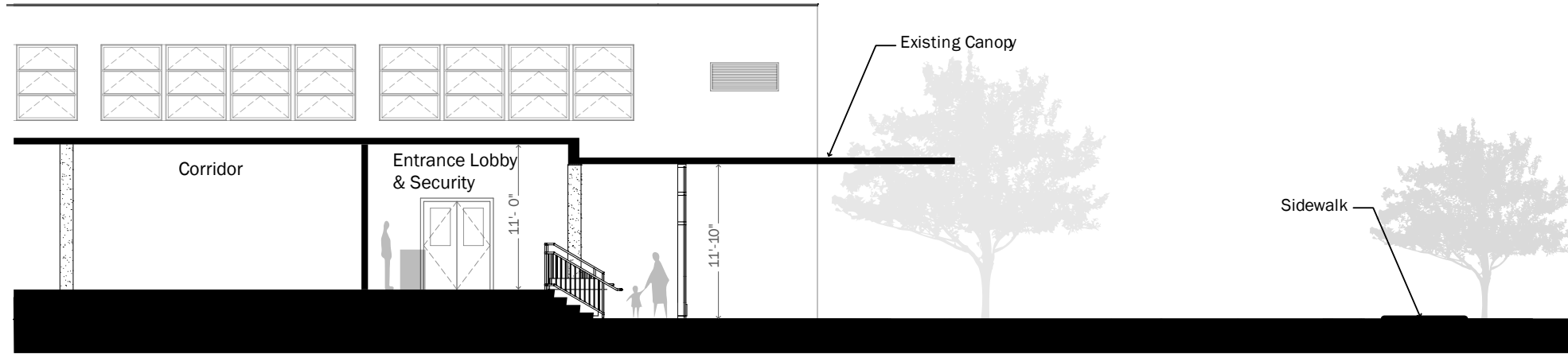


PREVIOUS DESIGN

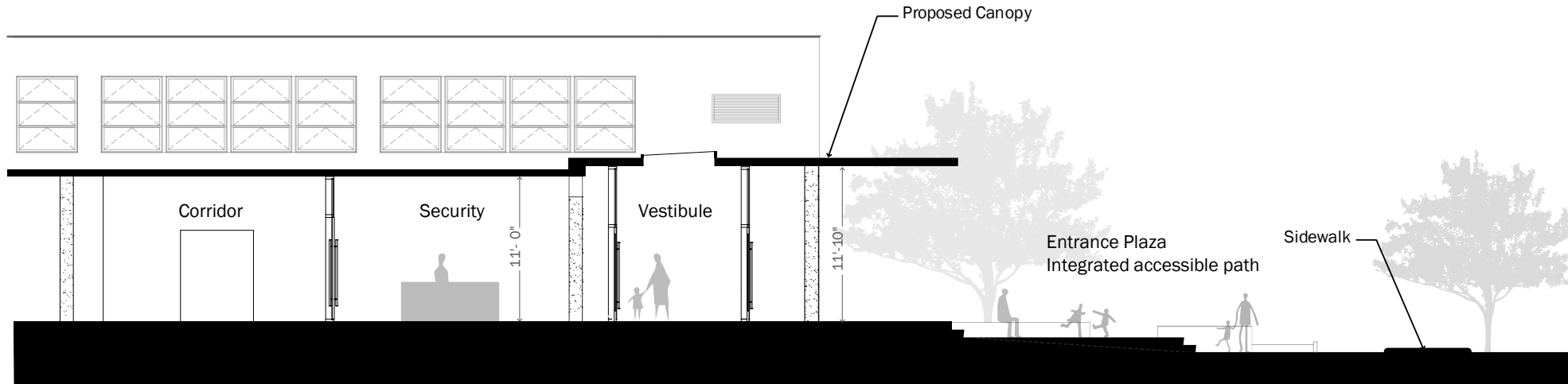


# Main Entrance

## Entry Sequence



EXISTING



PROPOSED

# Main Entrance

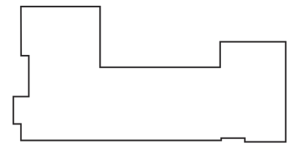
Proposed Design - Entrance



EXISTING



PROPOSED





# Main Entrance

Proposed Design - Plaza



PREVIOUS DESIGN



PROPOSED



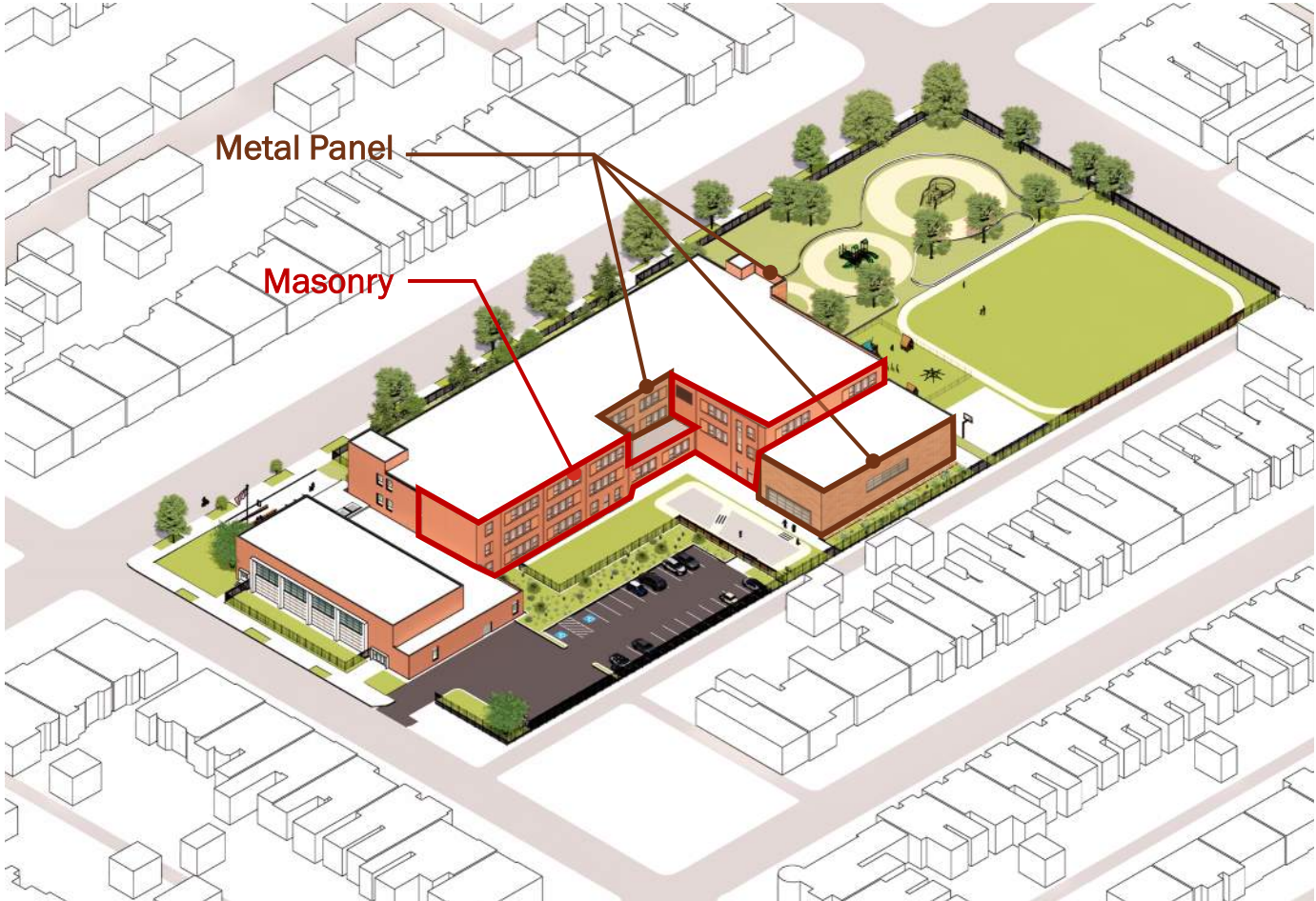
# Addition

Previous CFA Feedback:

- Uniformity of fenestrations
- Warmer tone for metal panel
- Examine brick tones like existing
- Incorporate metal panel in more locations
- Add movement to the north façade windows



Previous Design



Massing- Northeast Axon



# Addition

## Proposed Design North Elevation



PREVIOUS DESIGN

### MATERIAL PALETTE:



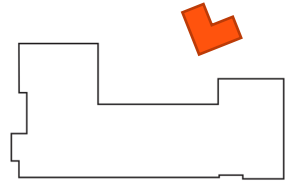
RUST TONE

METAL PANEL

BRICK BLEND

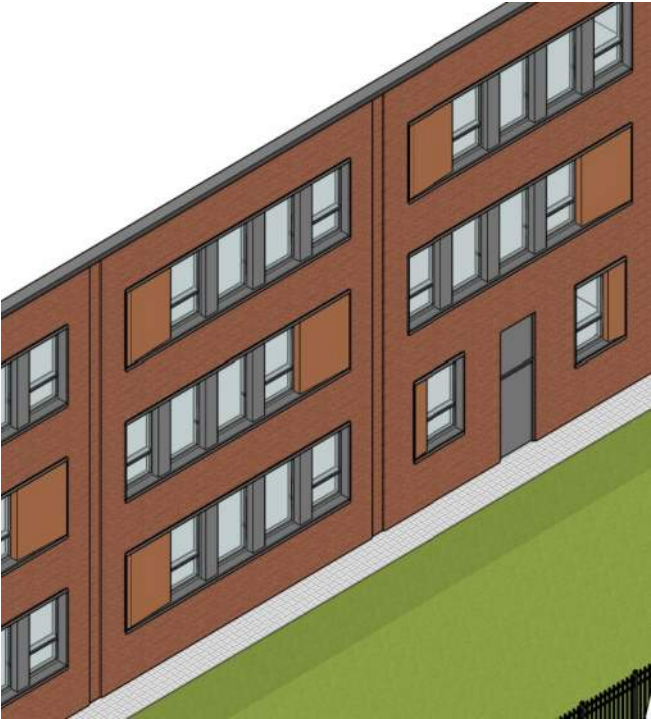


UPDATED DESIGN



# Addition

## Recessed Brick Frame Detail





# Addition

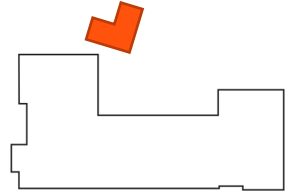
Proposed Design North Elevation



PREVIOUS DESIGN



UPDATED DESIGN



# Addition

Proposed Design West Elevation



PREVIOUS DESIGN



UPDATED DESIGN



# Addition

Proposed Design West Elevation



PREVIOUS DESIGN



UPDATED DESIGN

# Renovation & Addition Design



EAST FACADE



WEST FACADE



# Renovation & Addition Design



NORTH FACADE



SOUTH FACADE

**PERKINS EASTMAN DC**

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D E S I G N I N G   T H E   D I S T R I C T