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CAPITOL HILL MONTESSORI AT LOGAN

Commission of Fine Arts - Concept Review Presentation

18 July 2019

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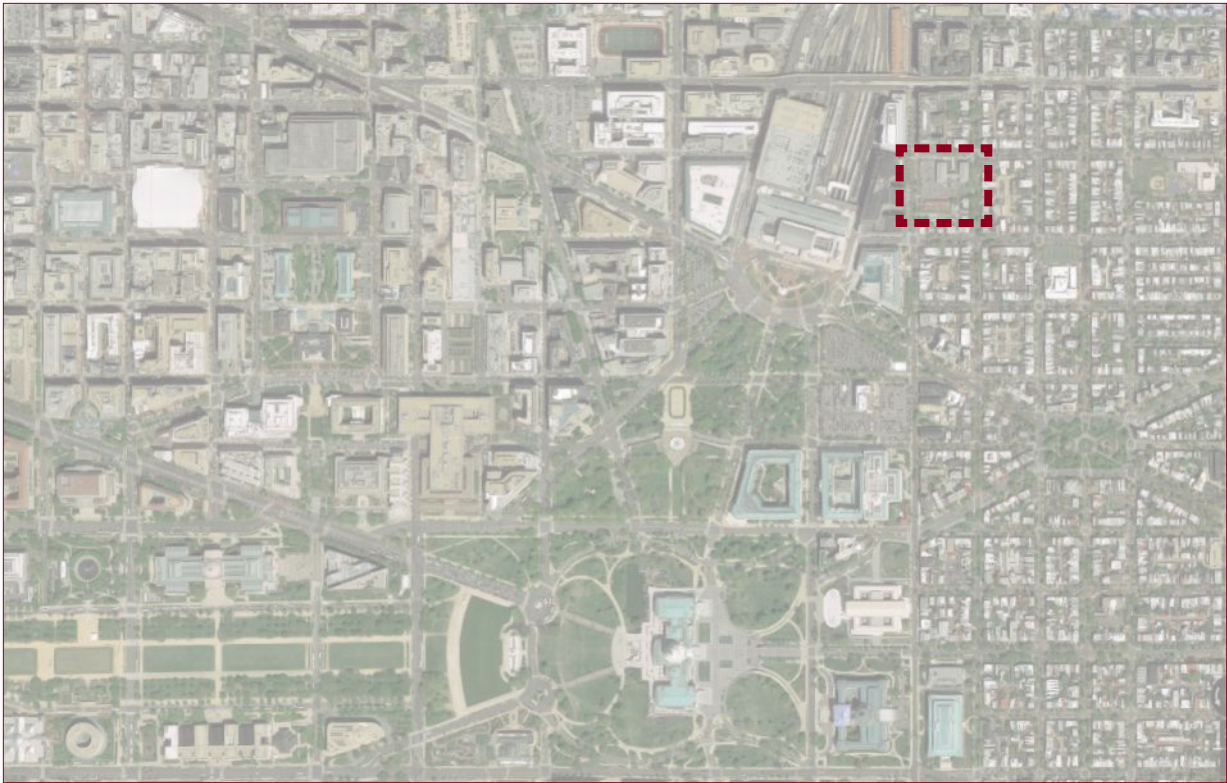
HAZMAT ANALYSIS

ECS CAPITOL SERVICES
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SUITE 310
WASHINGTON, DC 20005
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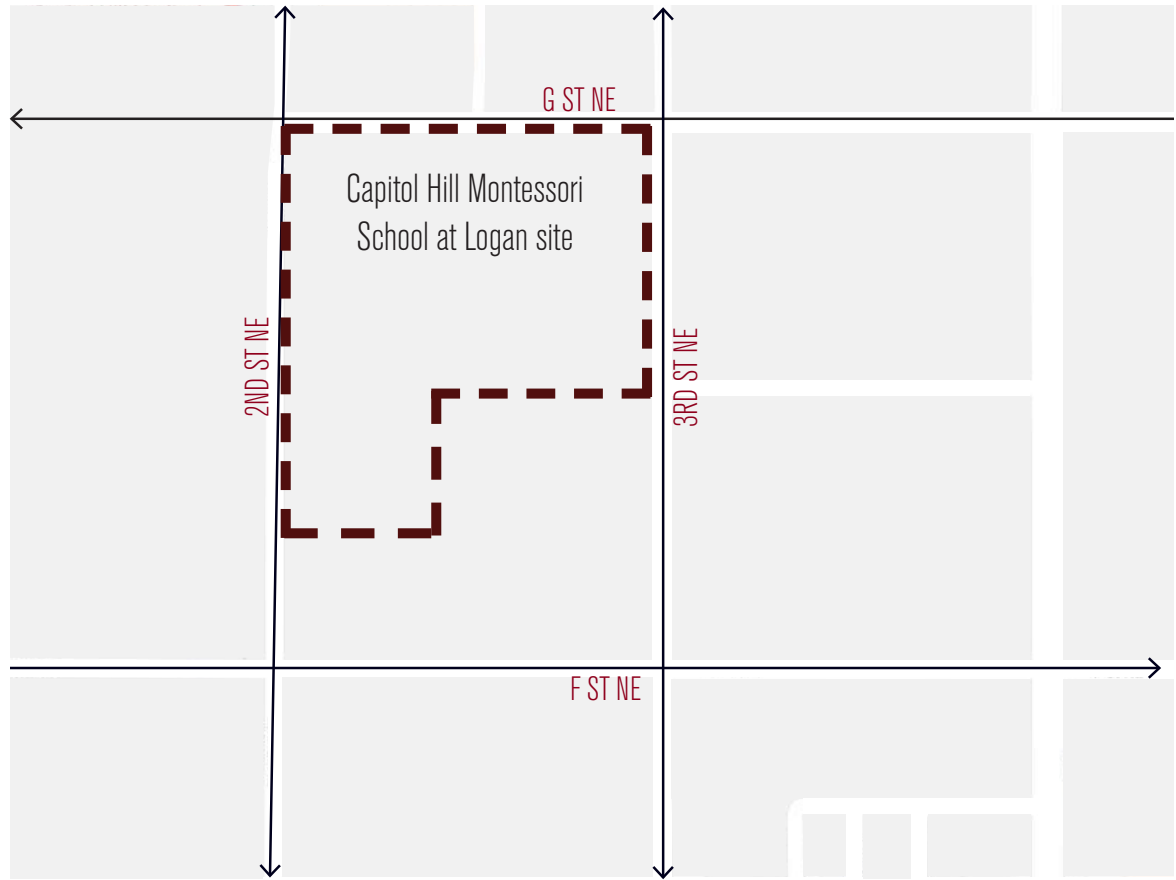


Site Analysis

- Site Analysis
- Transfer of Jurisdiction

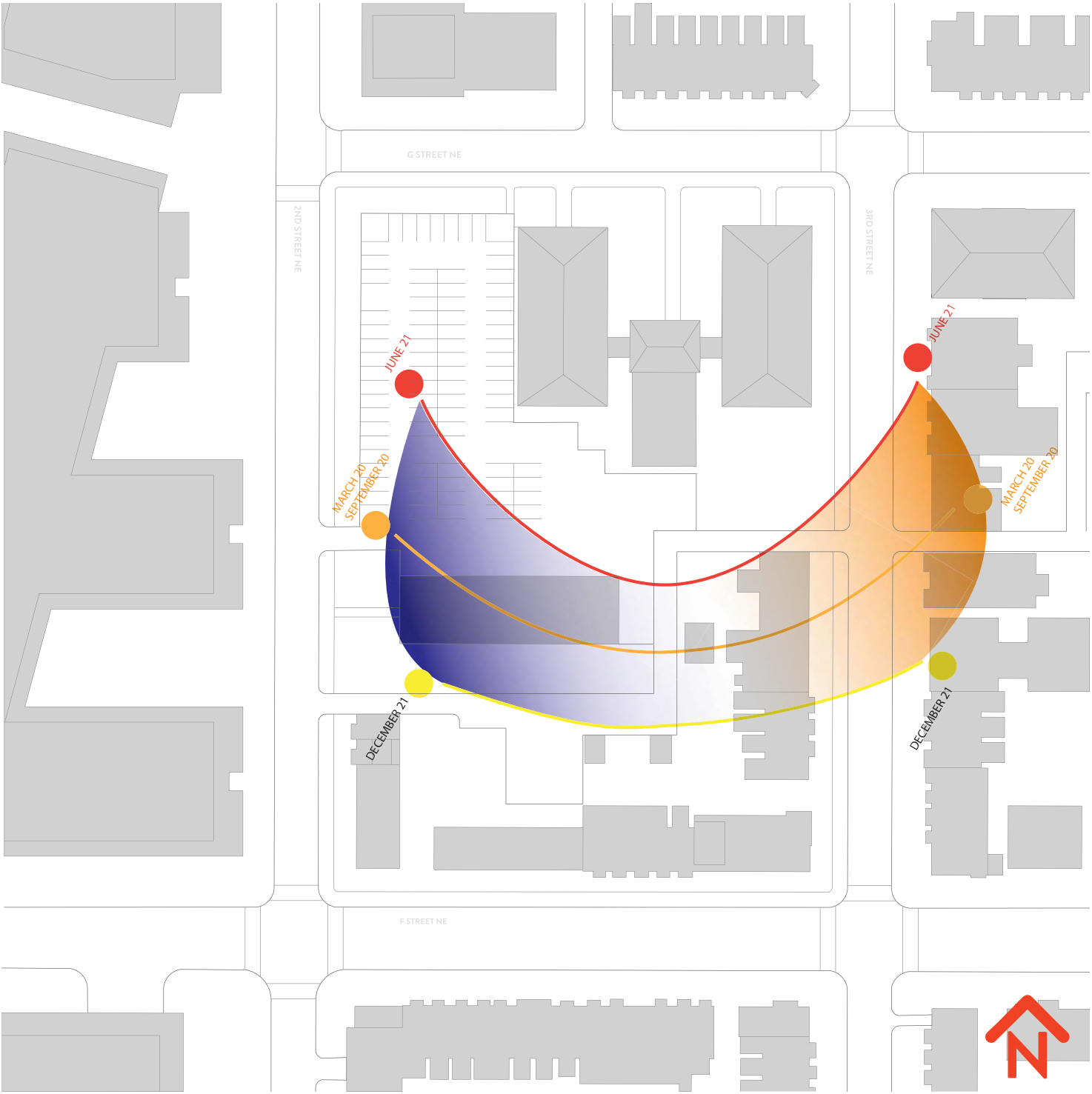


Vicinity within Washington DC

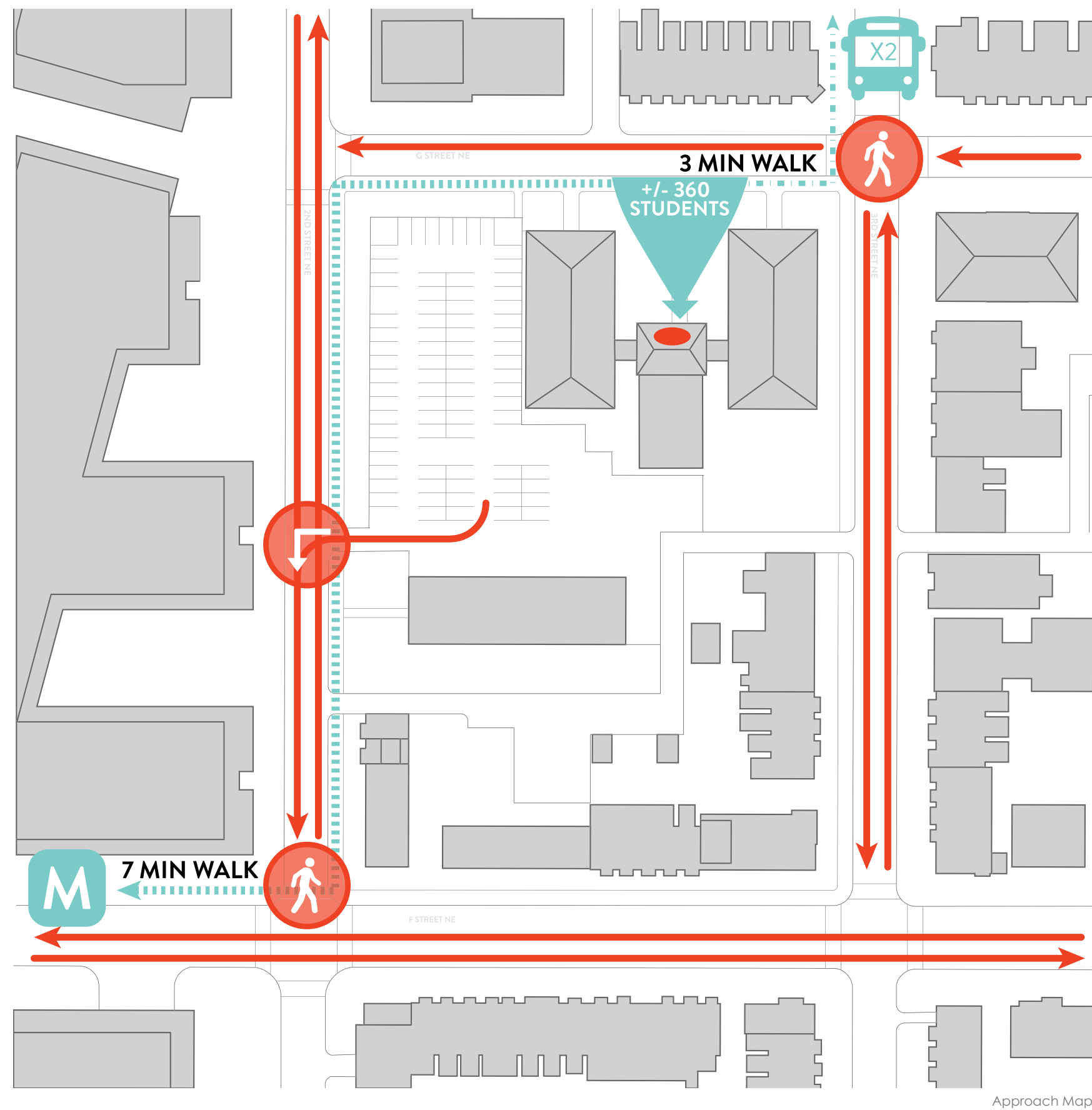
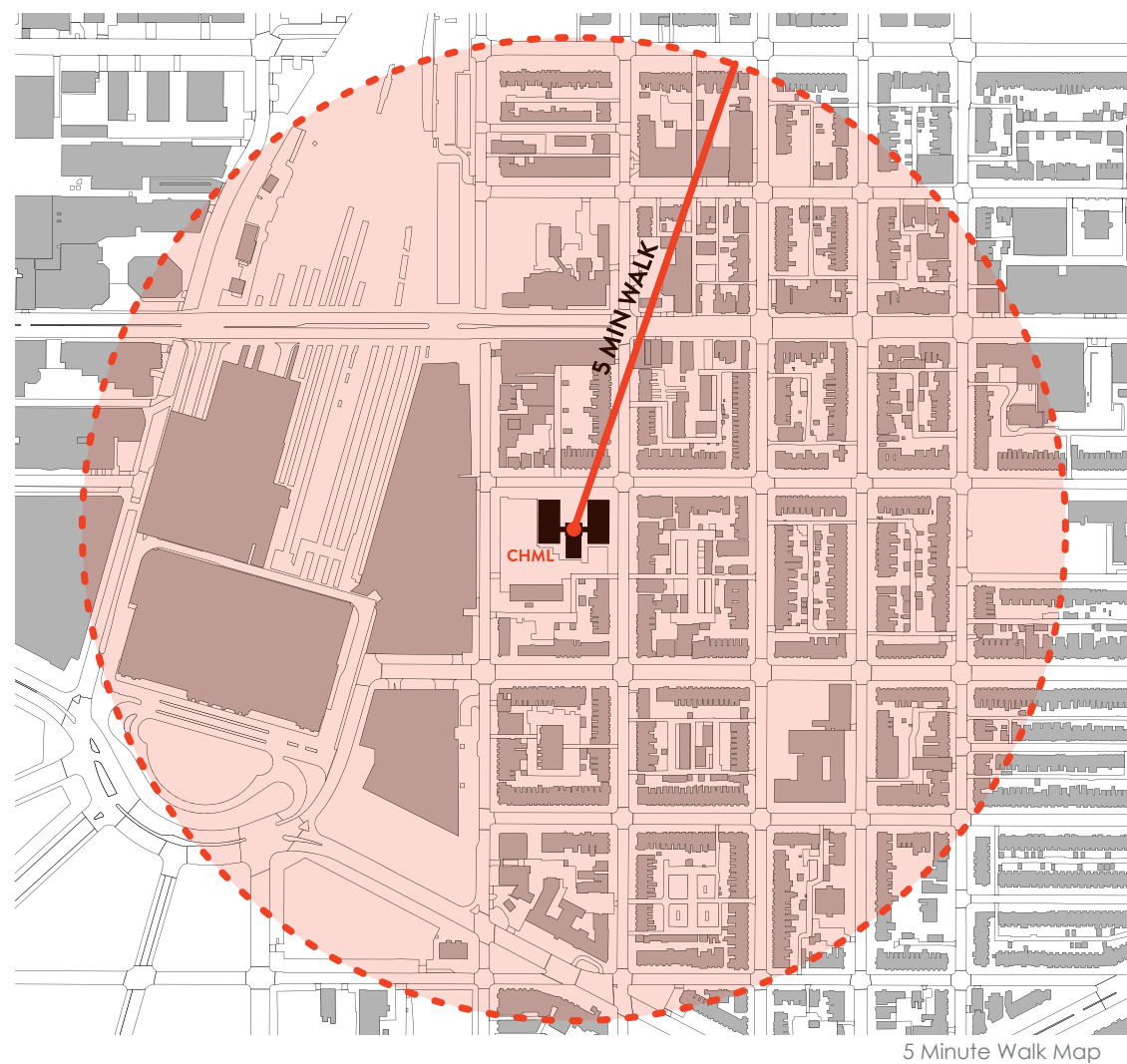


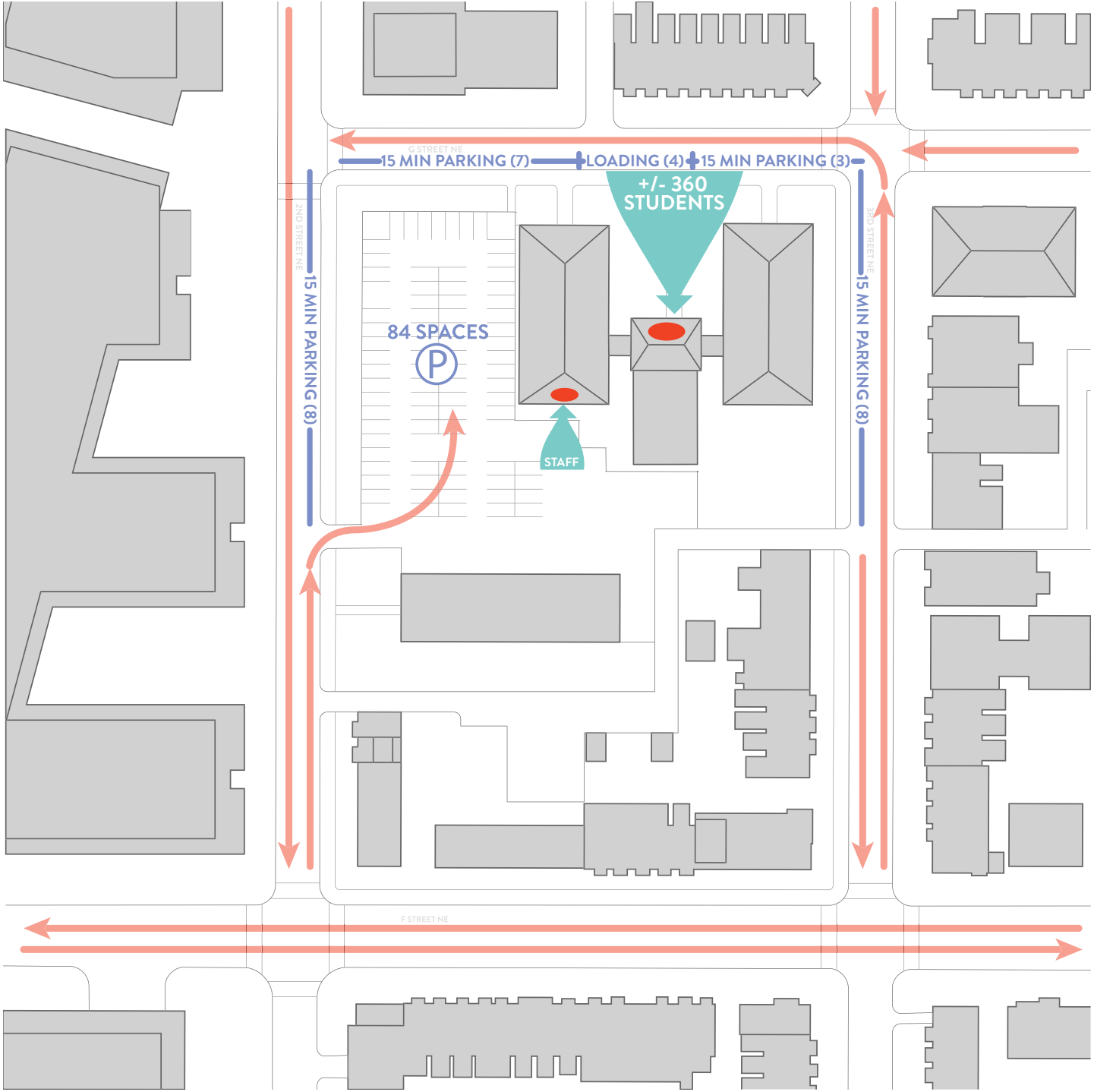
Vicinity Map

Existing Capitol Hill Montessori at Logan
215 G St NE
Washington DC 20002

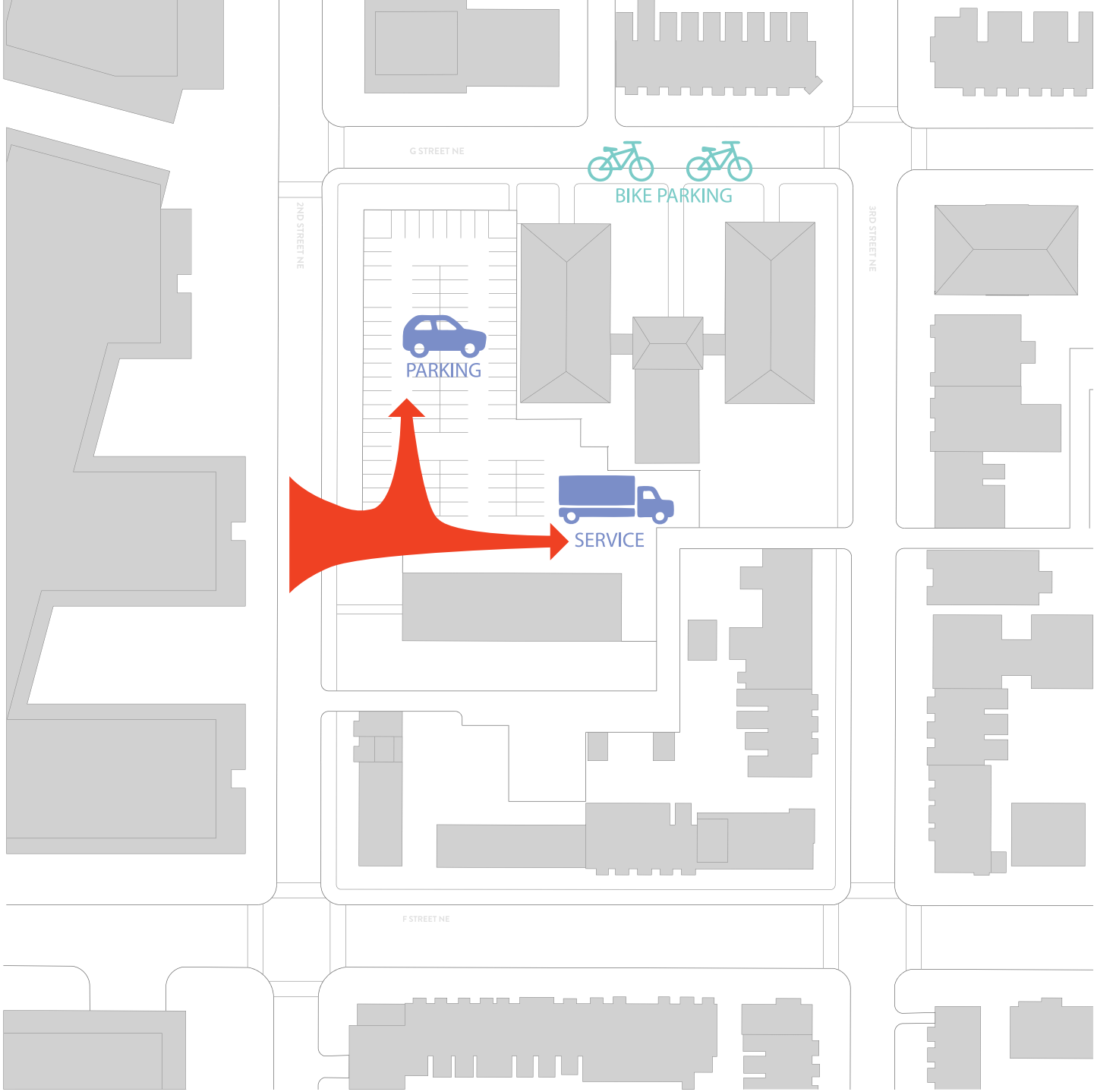


Sun Path Diagram

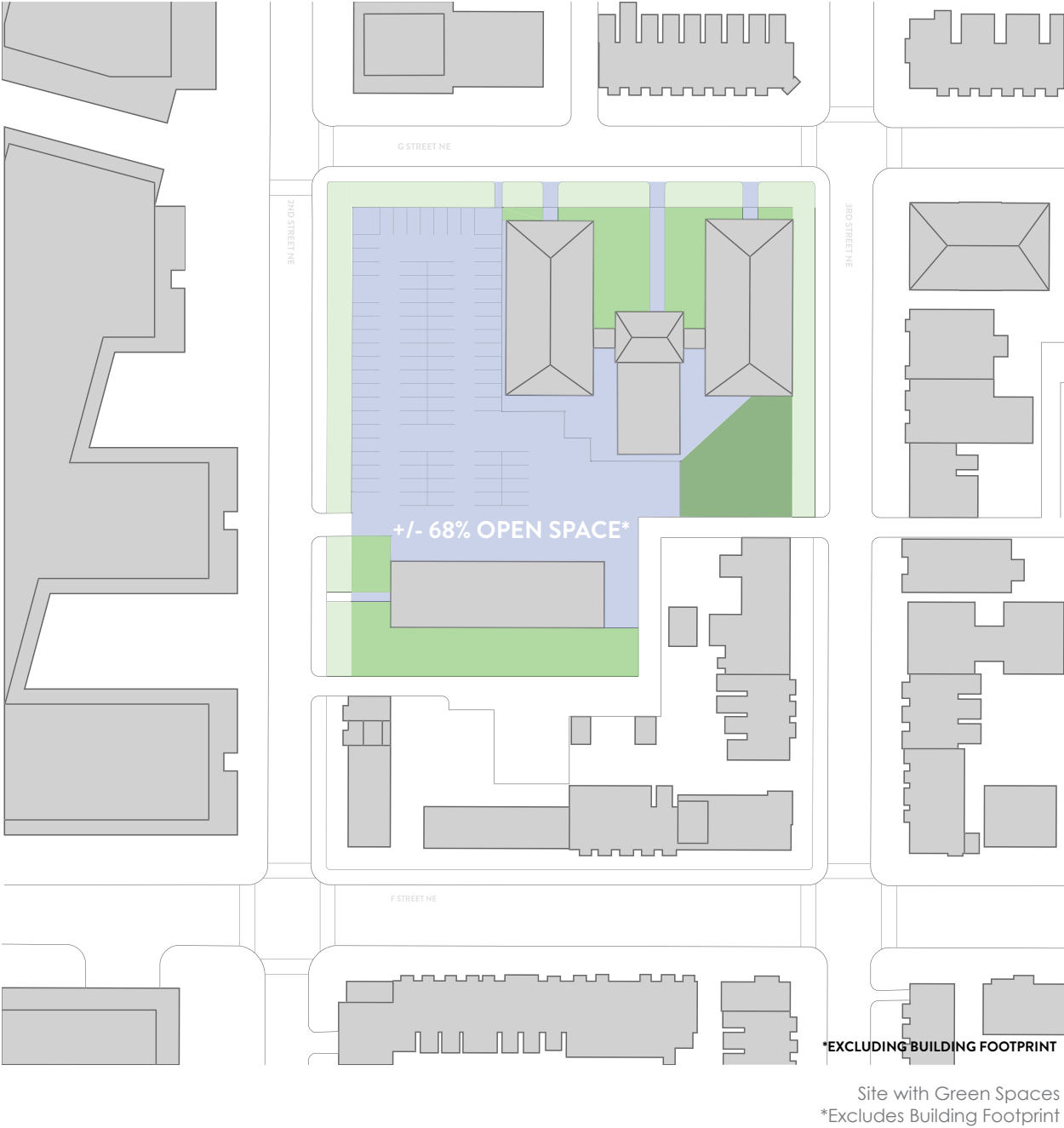
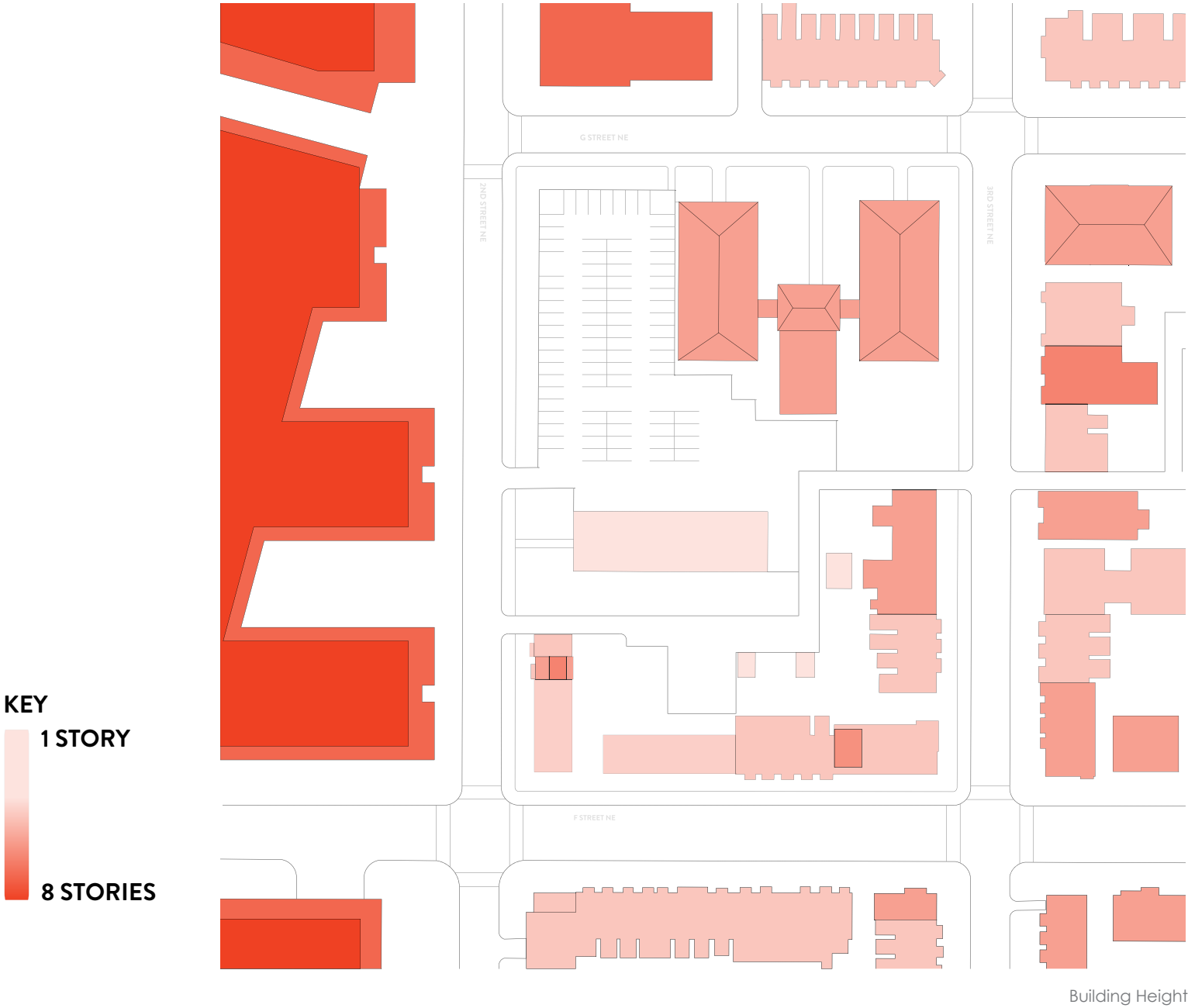


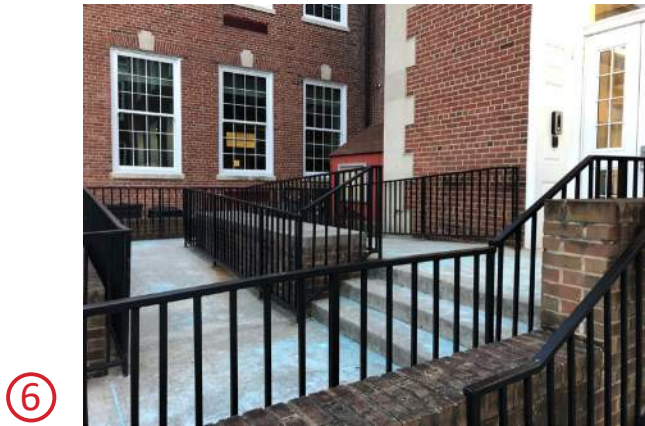
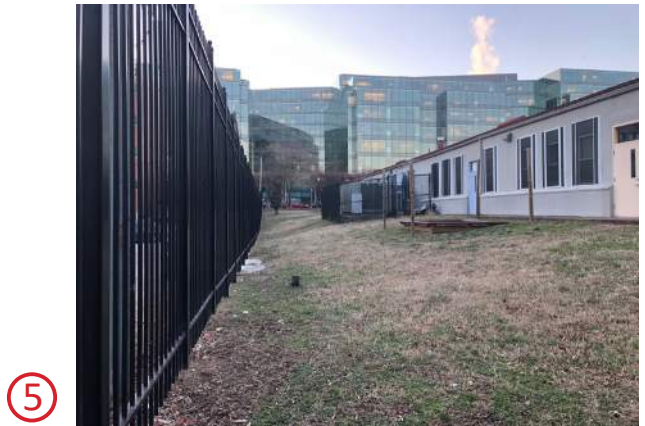
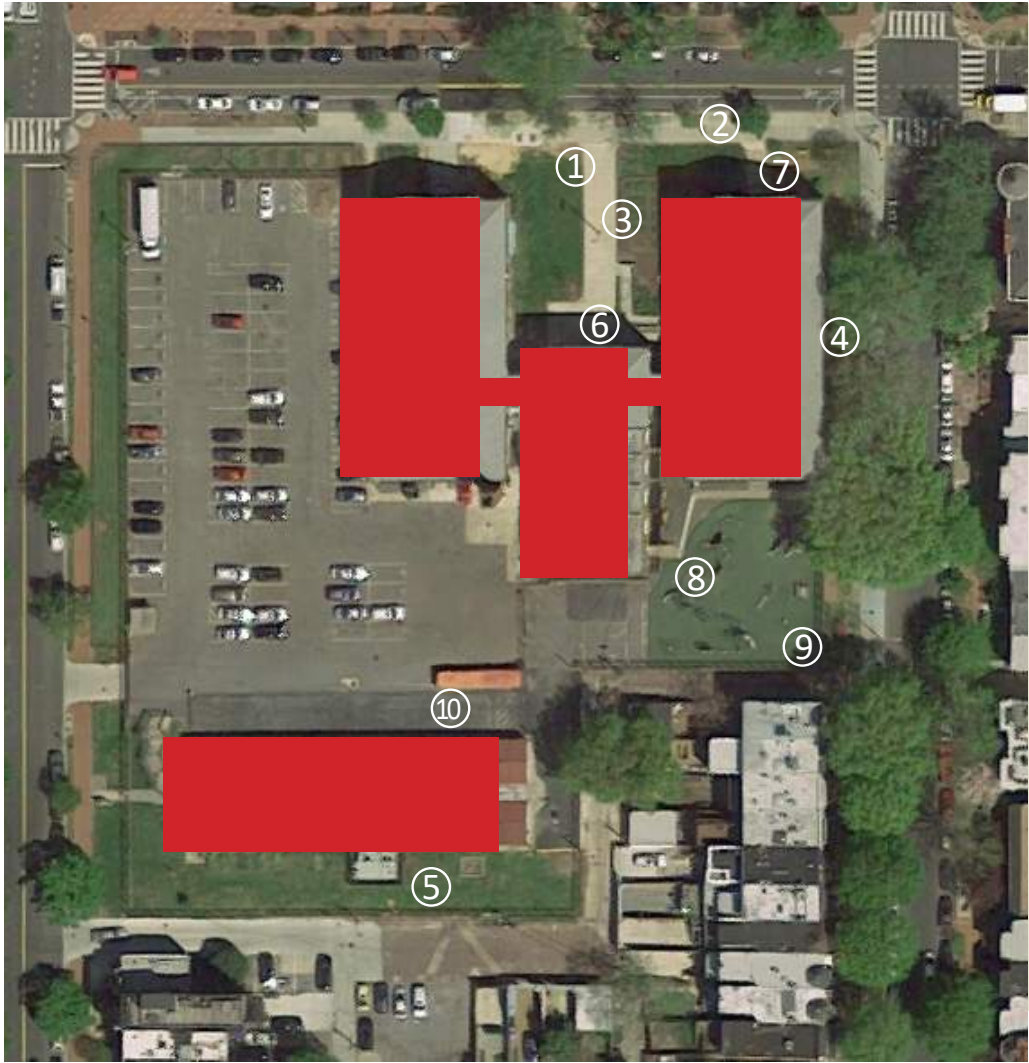


Parking + Entry



Parking + Service Entries

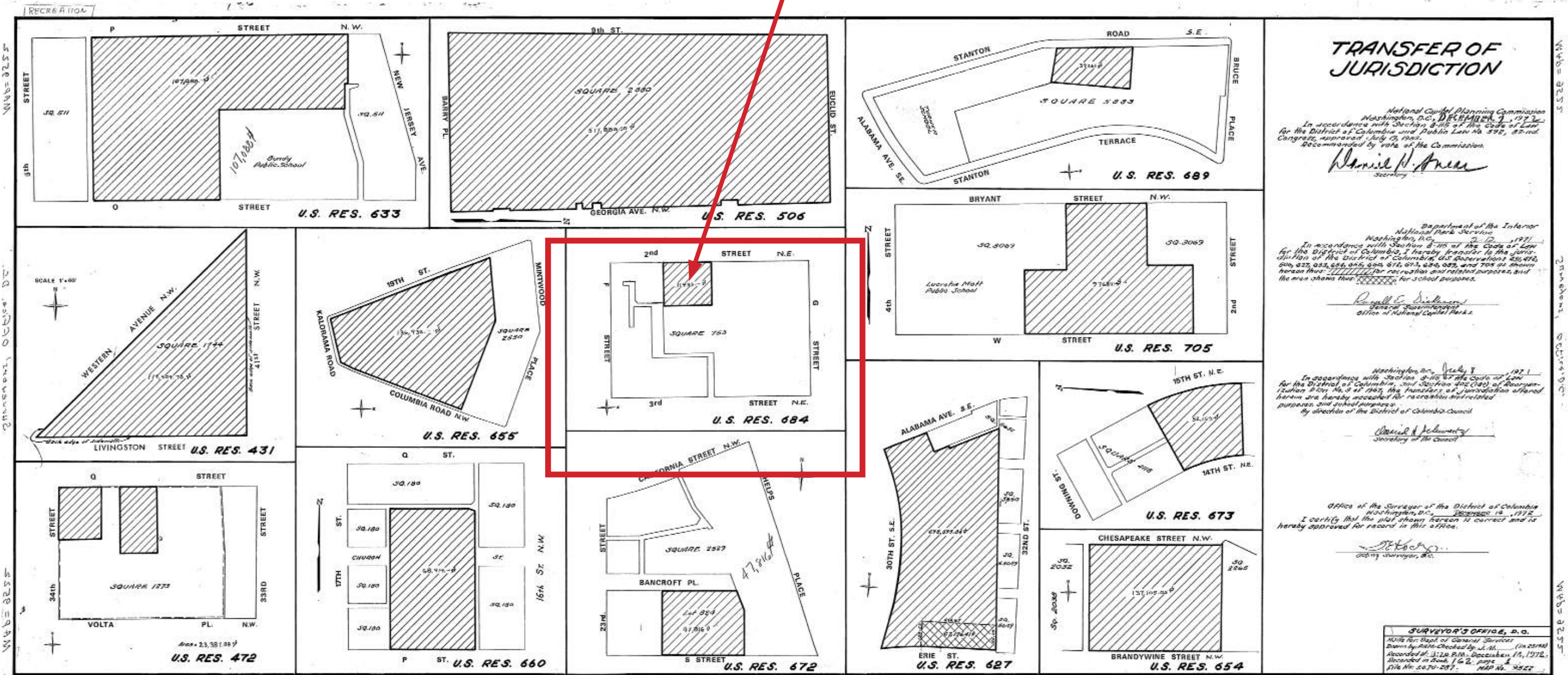








Land Transfer to DC
for CHML Site (1972)

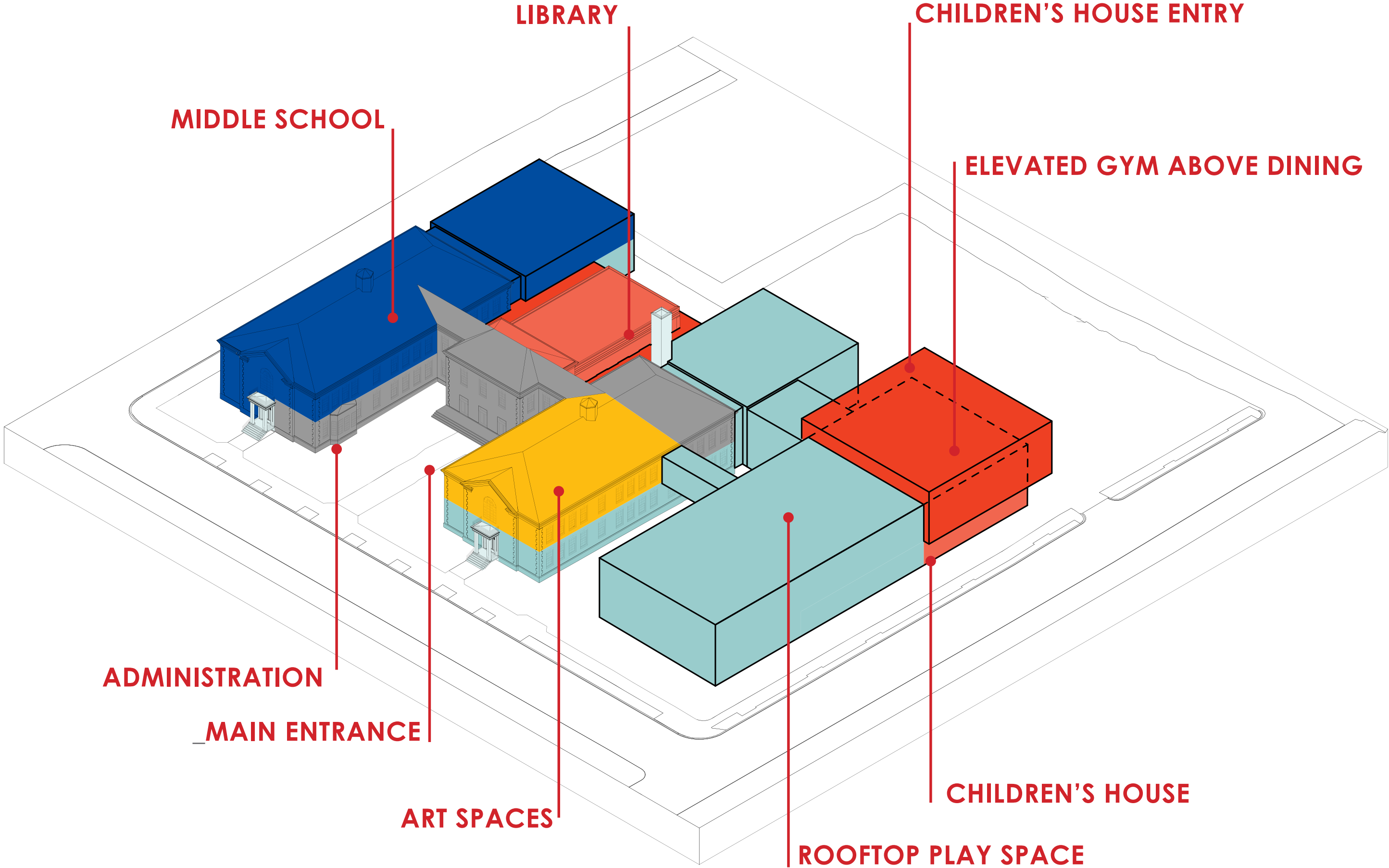


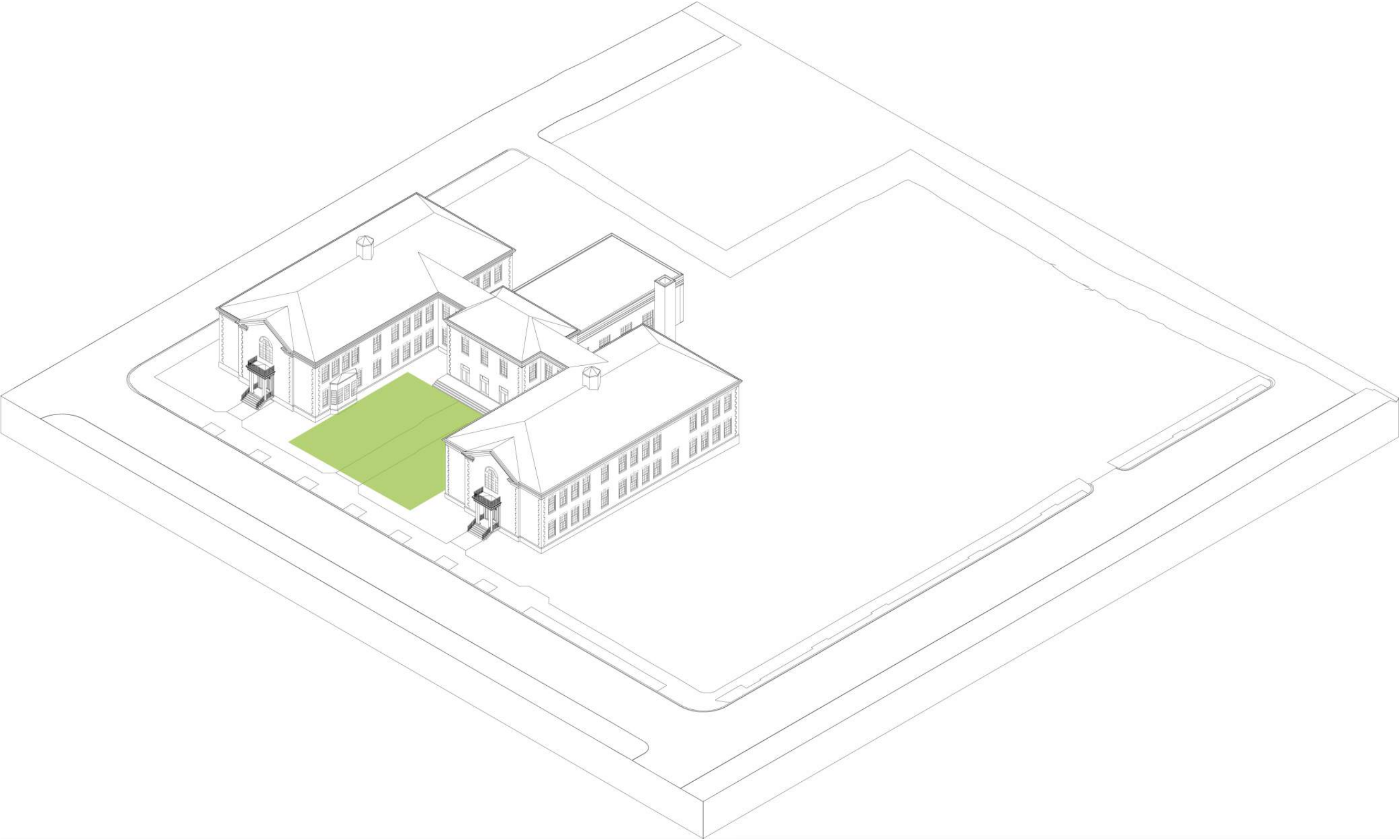
Transfer of Jurisdiction



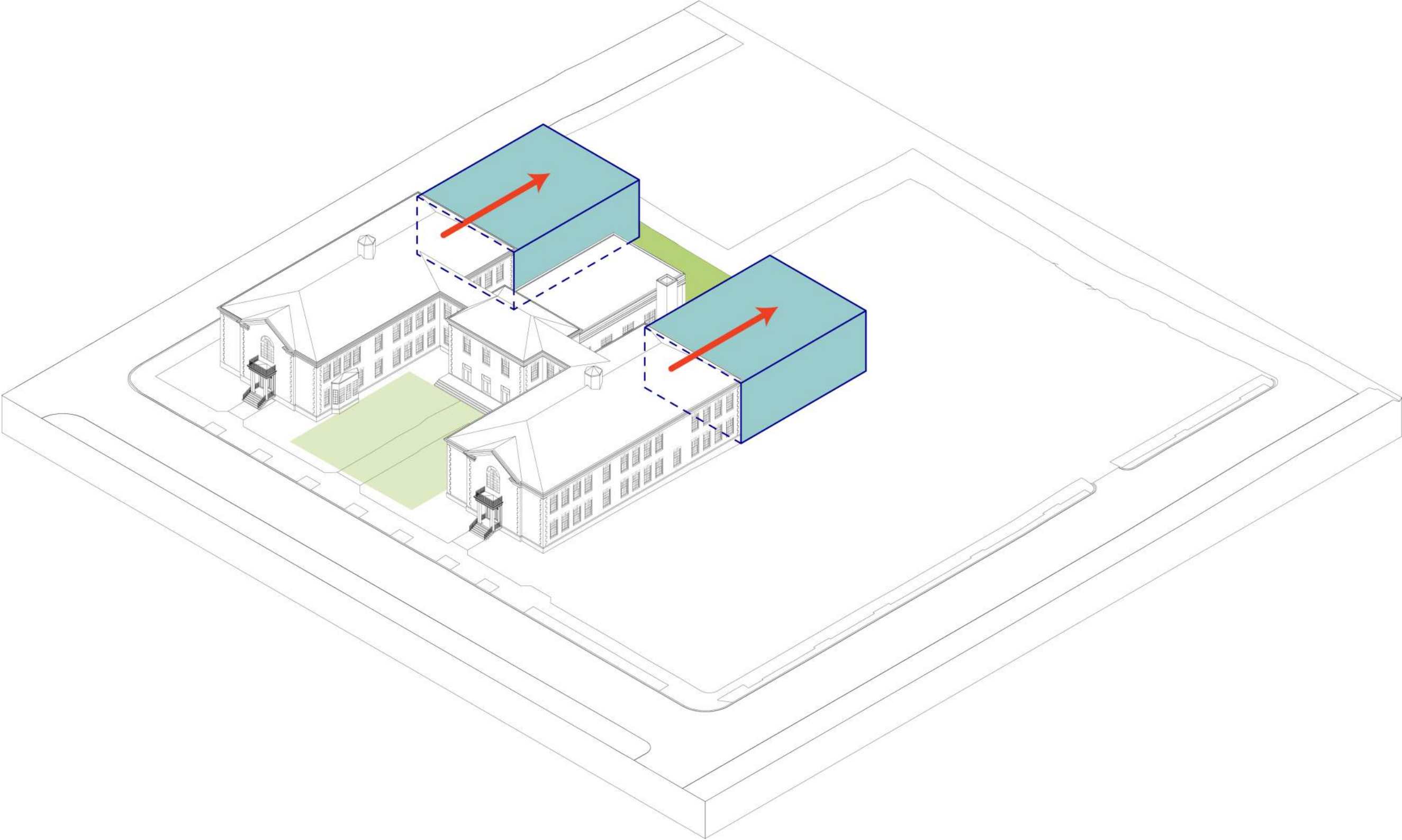
Schematic Design

- Design Diagrams
- Floor Plans
- Common Space Diagrams
- Precedent
- Common Space Axonometrics
- Elevations
- Sections
- Perspectives
- Landscape Design

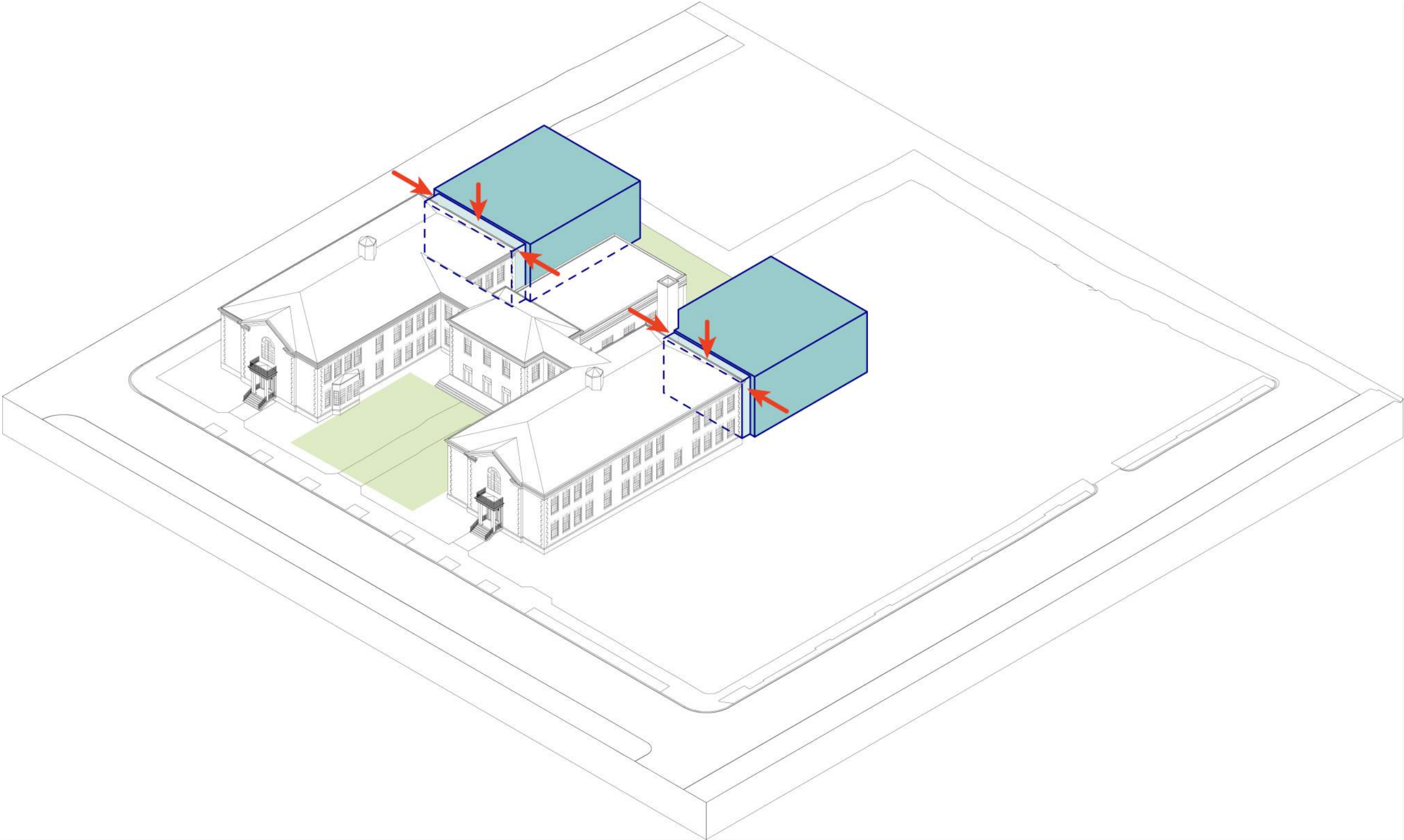




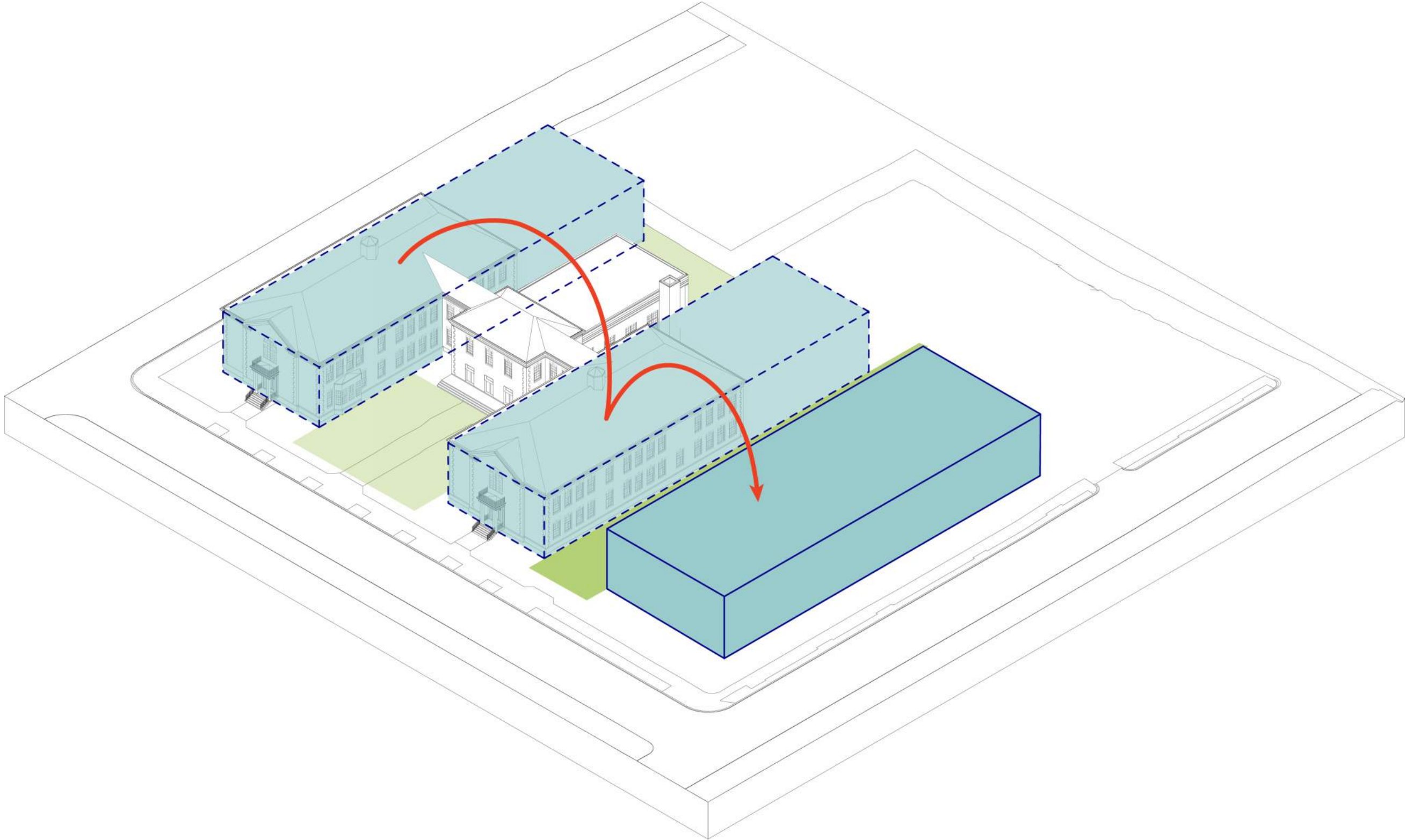
EXISTING



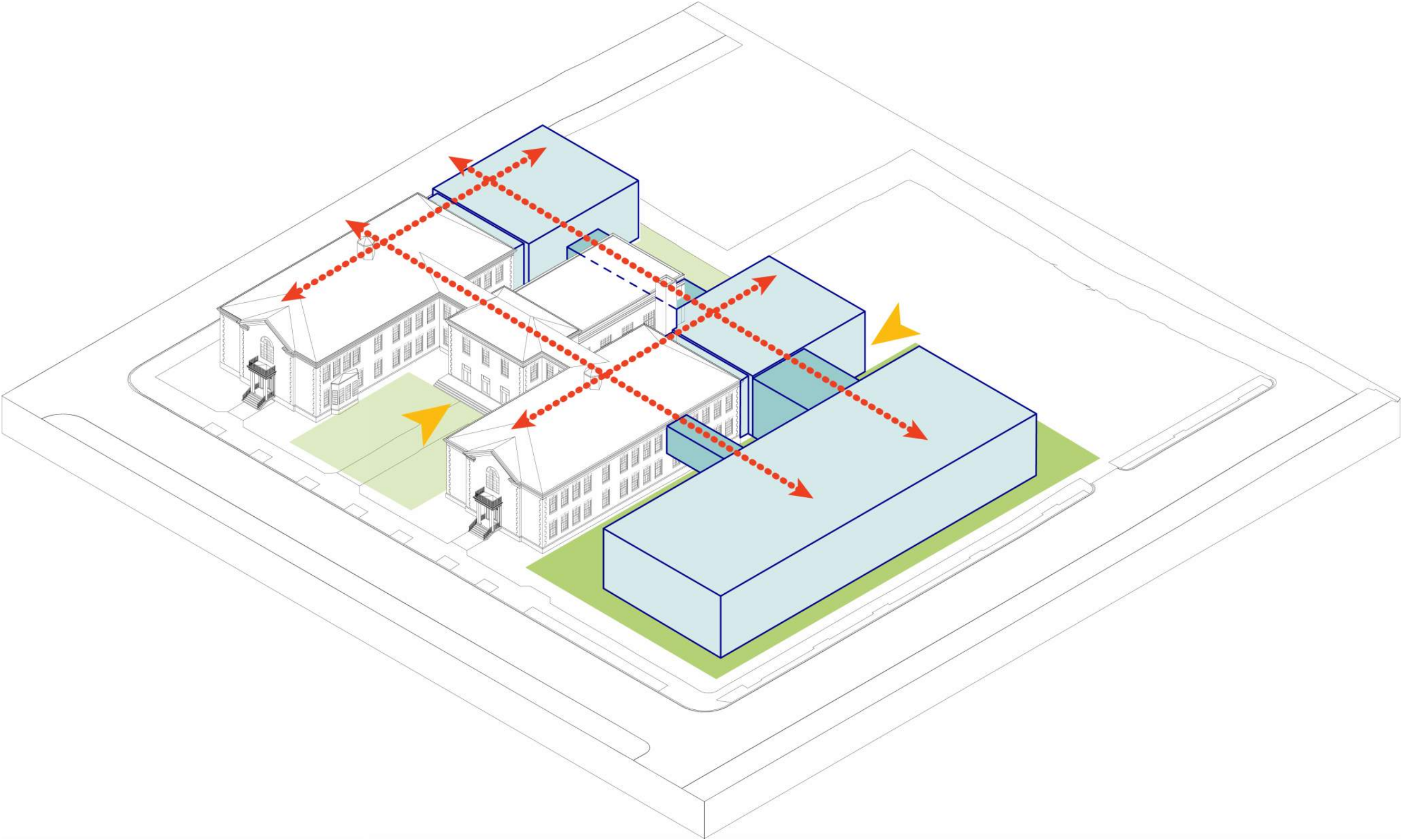
EXTEND



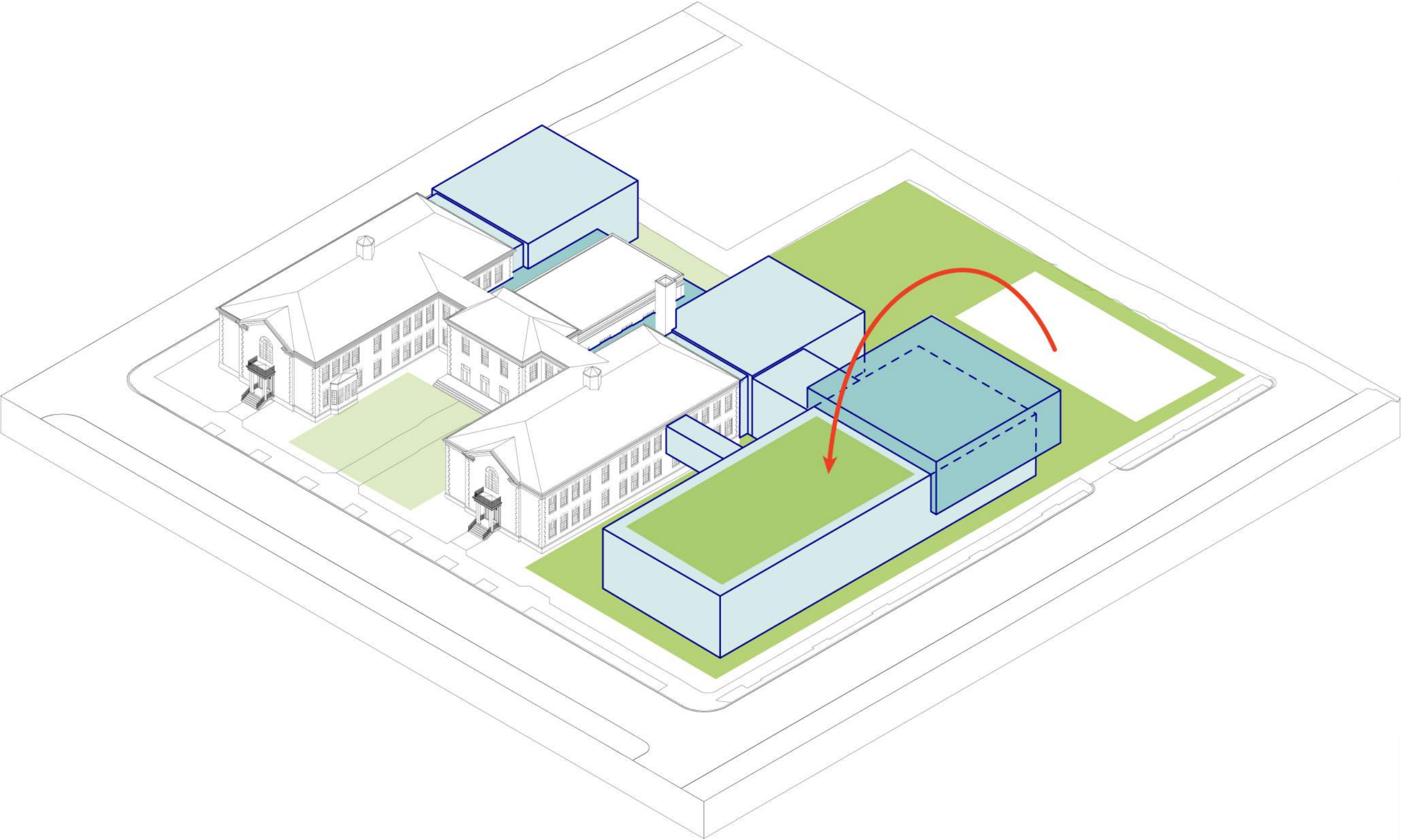
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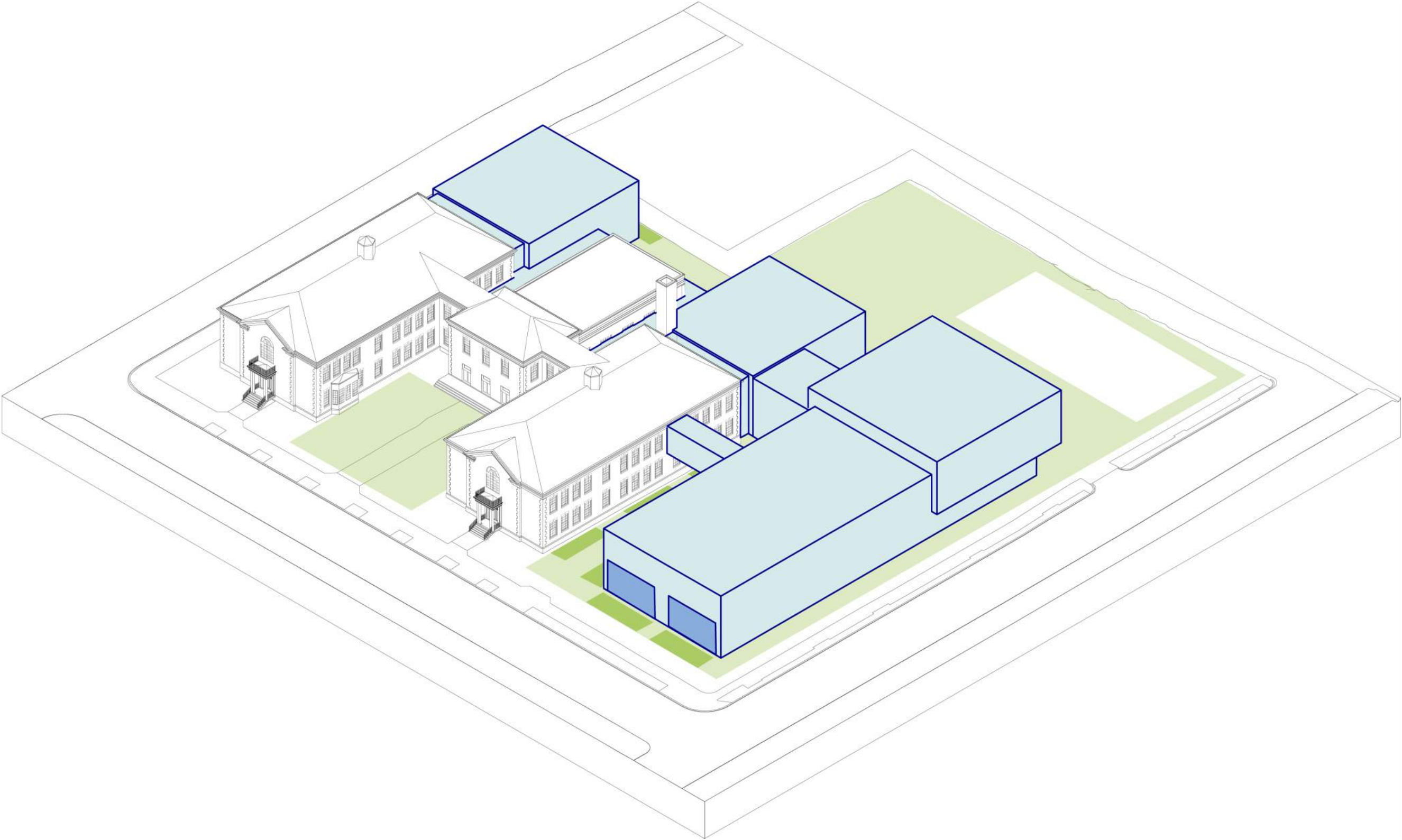
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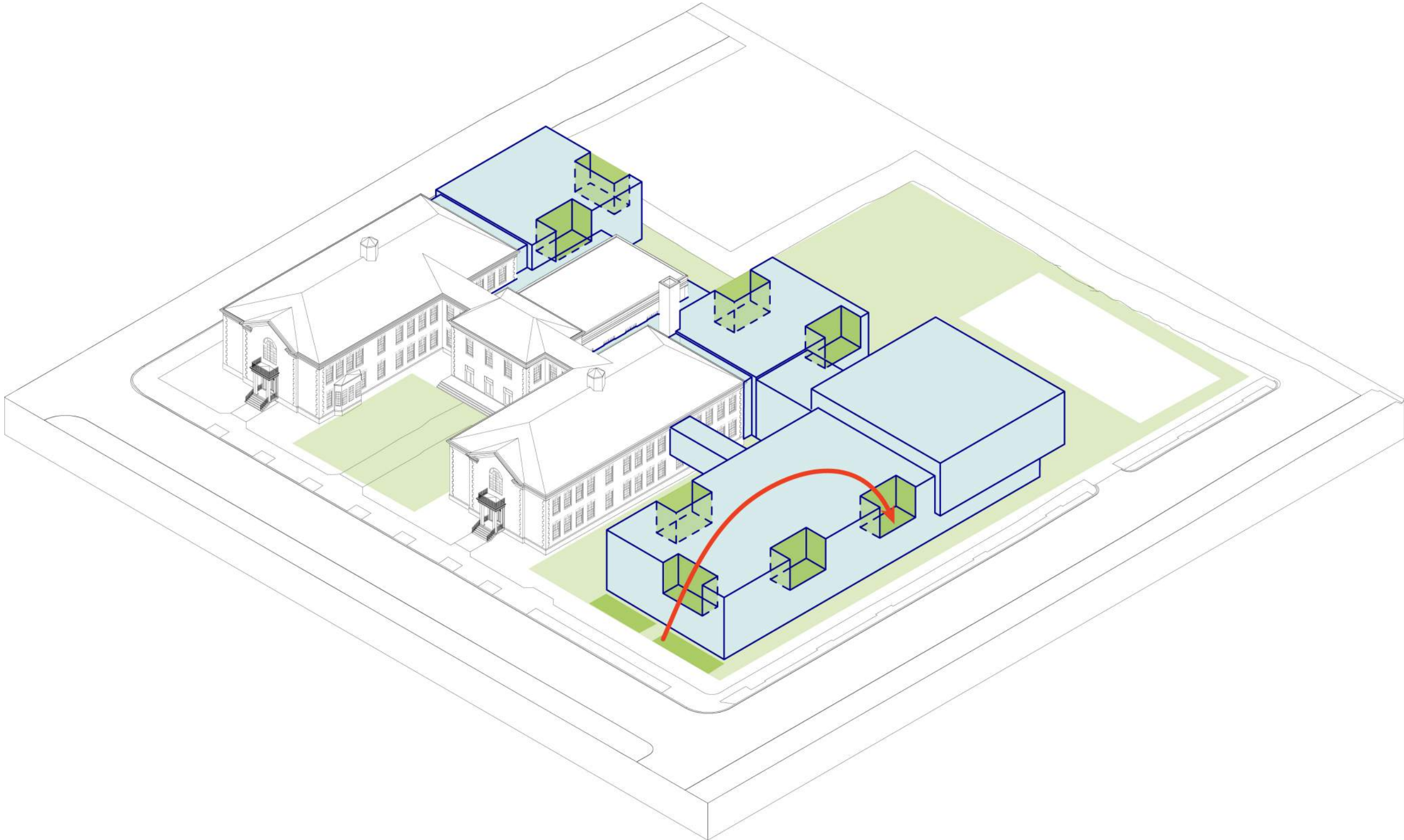
CONNECT + CIRCULATE



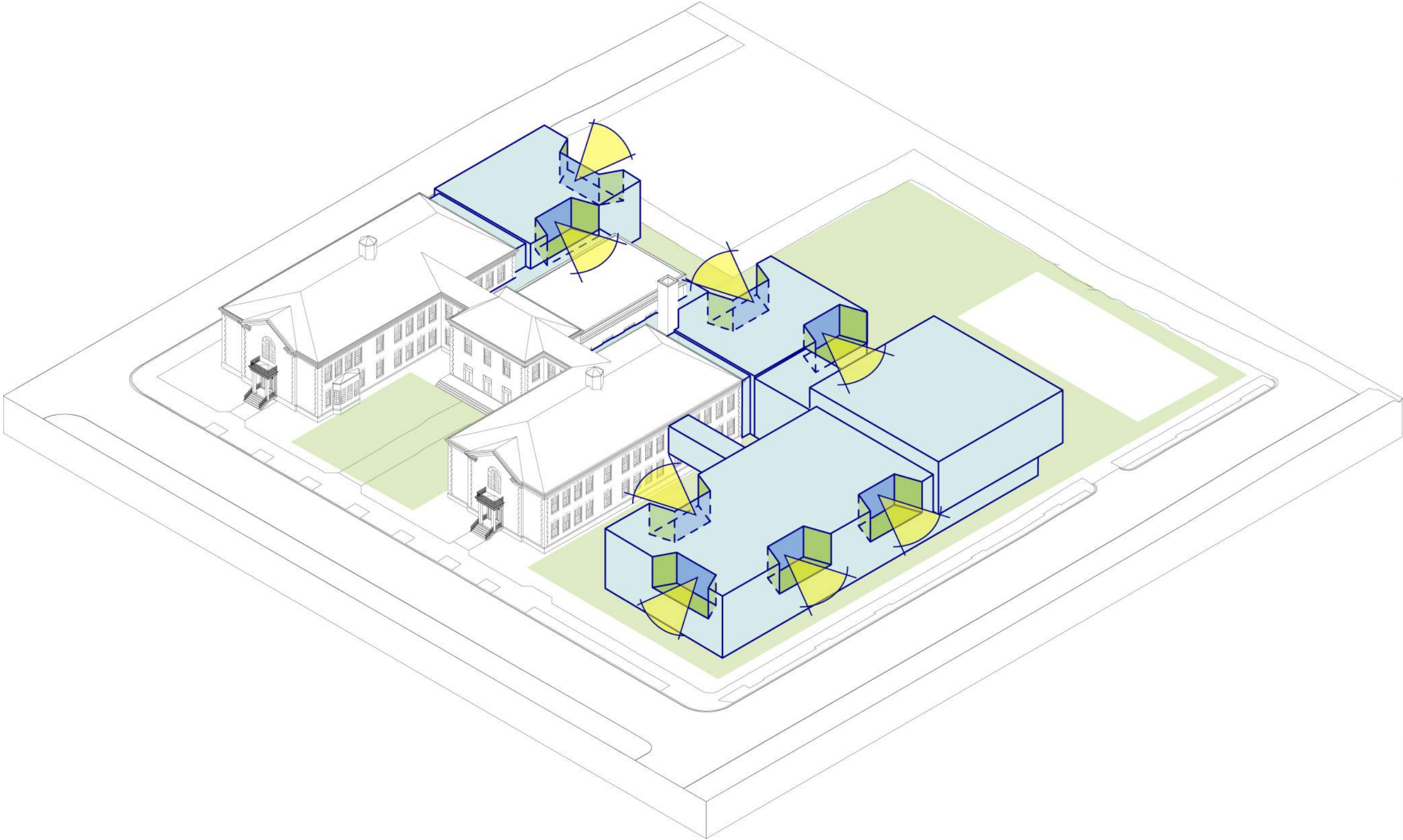
MAXIMIZE PLAYSPACE



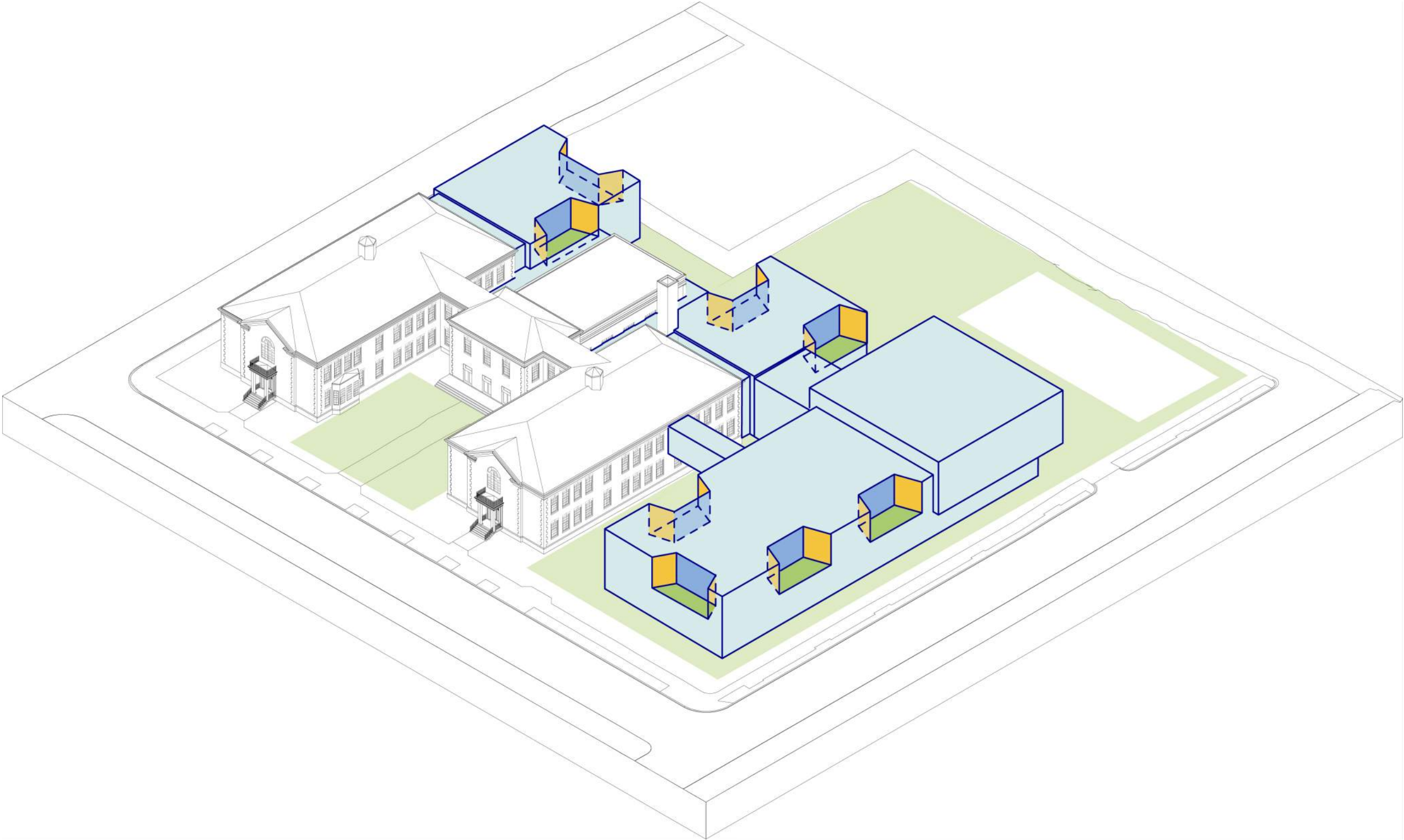
GROUND FLOOR GARDENS



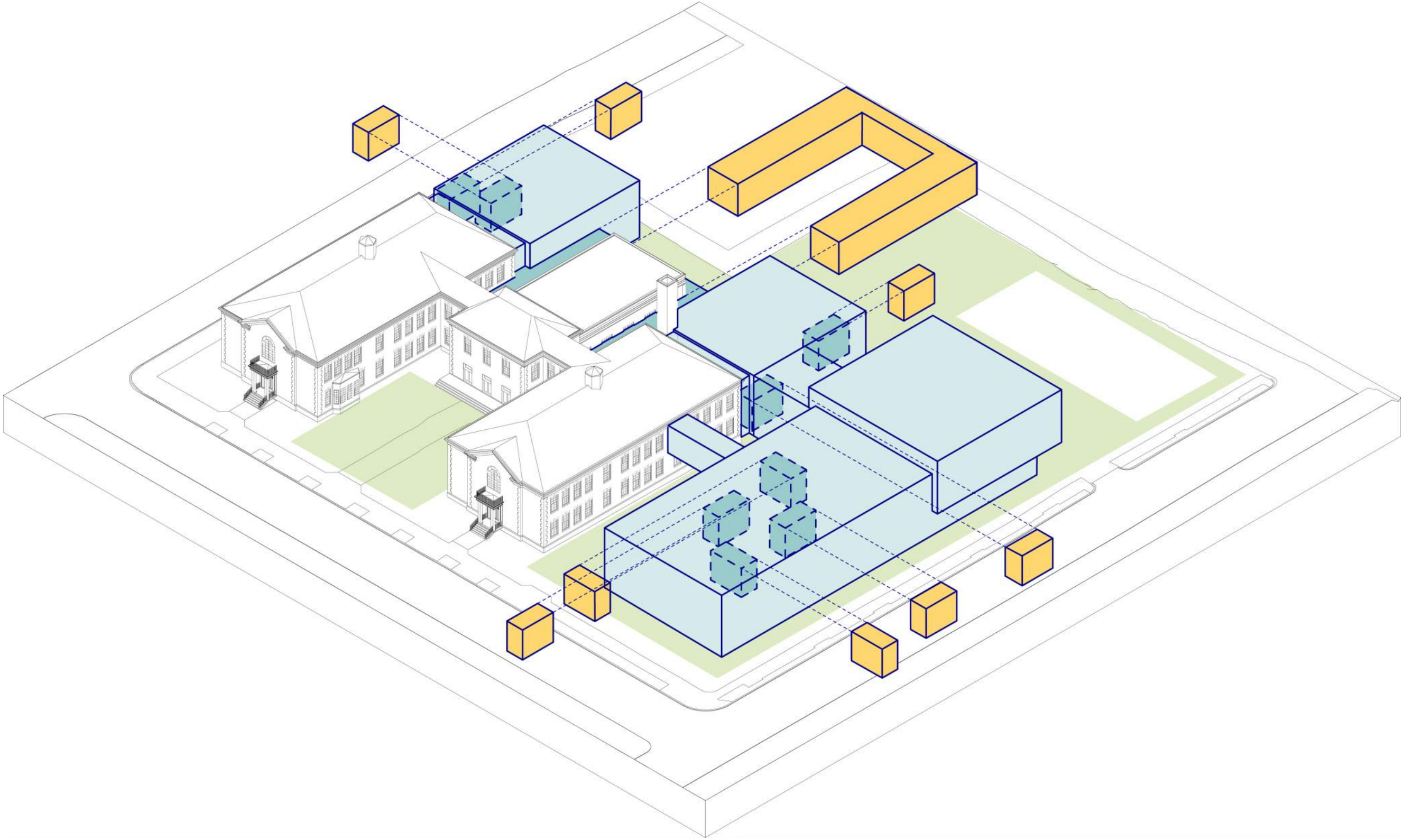
BRING GARDENS ONTO BUILDING



CONNECT CLASSROOMS TO GARDENS



NATURAL MATERIALS - EXTERIOR



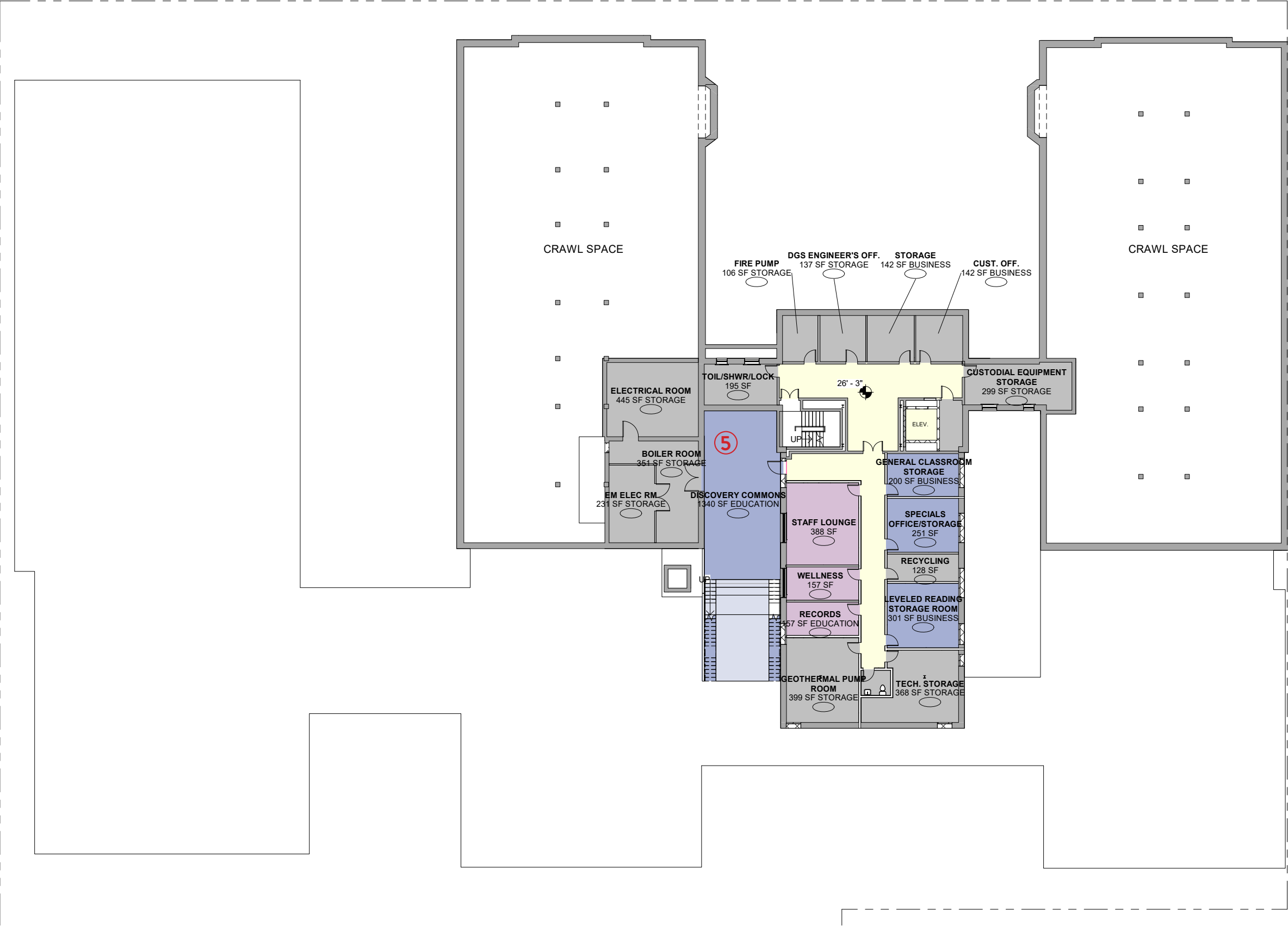
NATURAL MATERIALS - INTERIOR



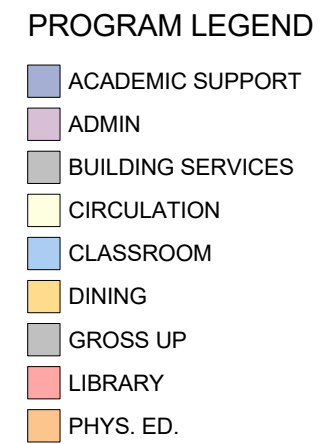
5 DISCOVERY COMMONS

PROGRAM LEGEND

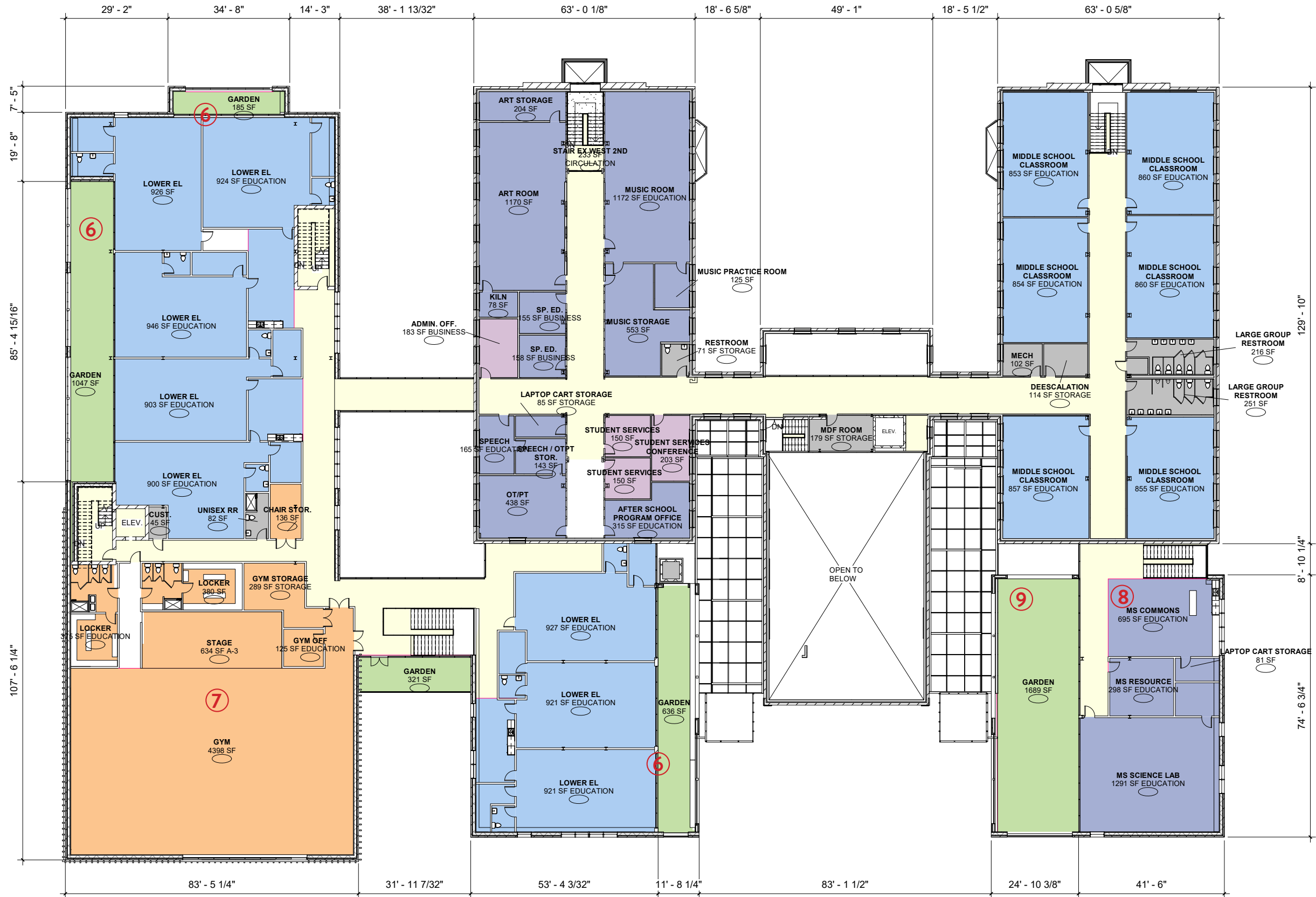
- ACADEMIC SUPPORT
- ADMIN
- BUILDING SERVICES
- CIRCULATION
- CLASSROOM
- DINING
- GROSS UP
- LIBRARY
- PHYS. ED.



LOWER FLOOR PLAN



1ST FLOOR PLAN



⑥ OUTDOOR CLASSROOM



⑦ GYMNASIUM



⑧ MIDDLE SCHOOL COMMONS

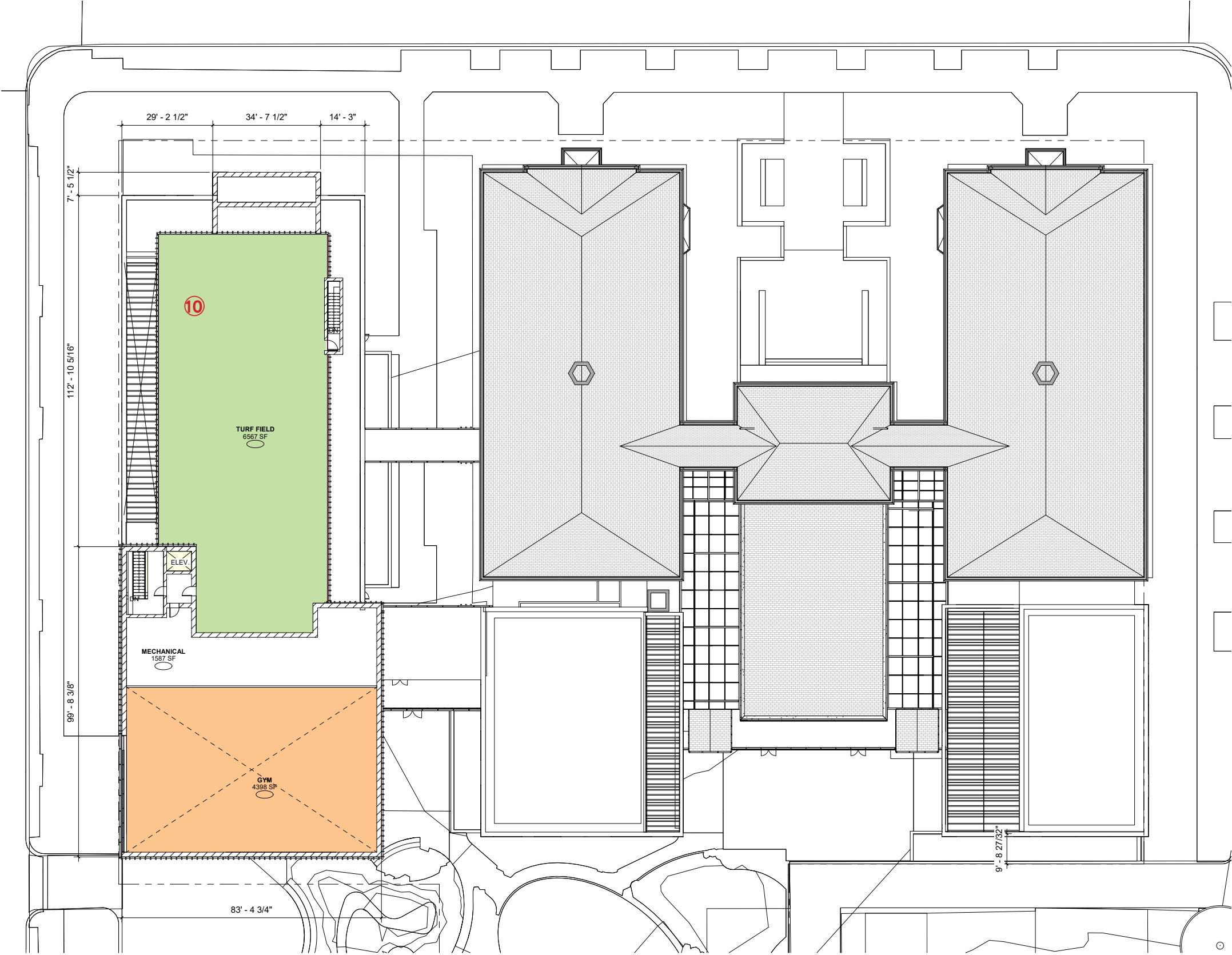


⑨ MIDDLE SCHOOL GARDEN

PROGRAM LEGEND

- ACADEMIC SUPPORT
- ADMIN
- BUILDING SERVICES
- CIRCULATION
- CLASSROOM
- DINING
- GROSS UP
- LIBRARY
- PHYS. ED.

2ND FLOOR PLAN



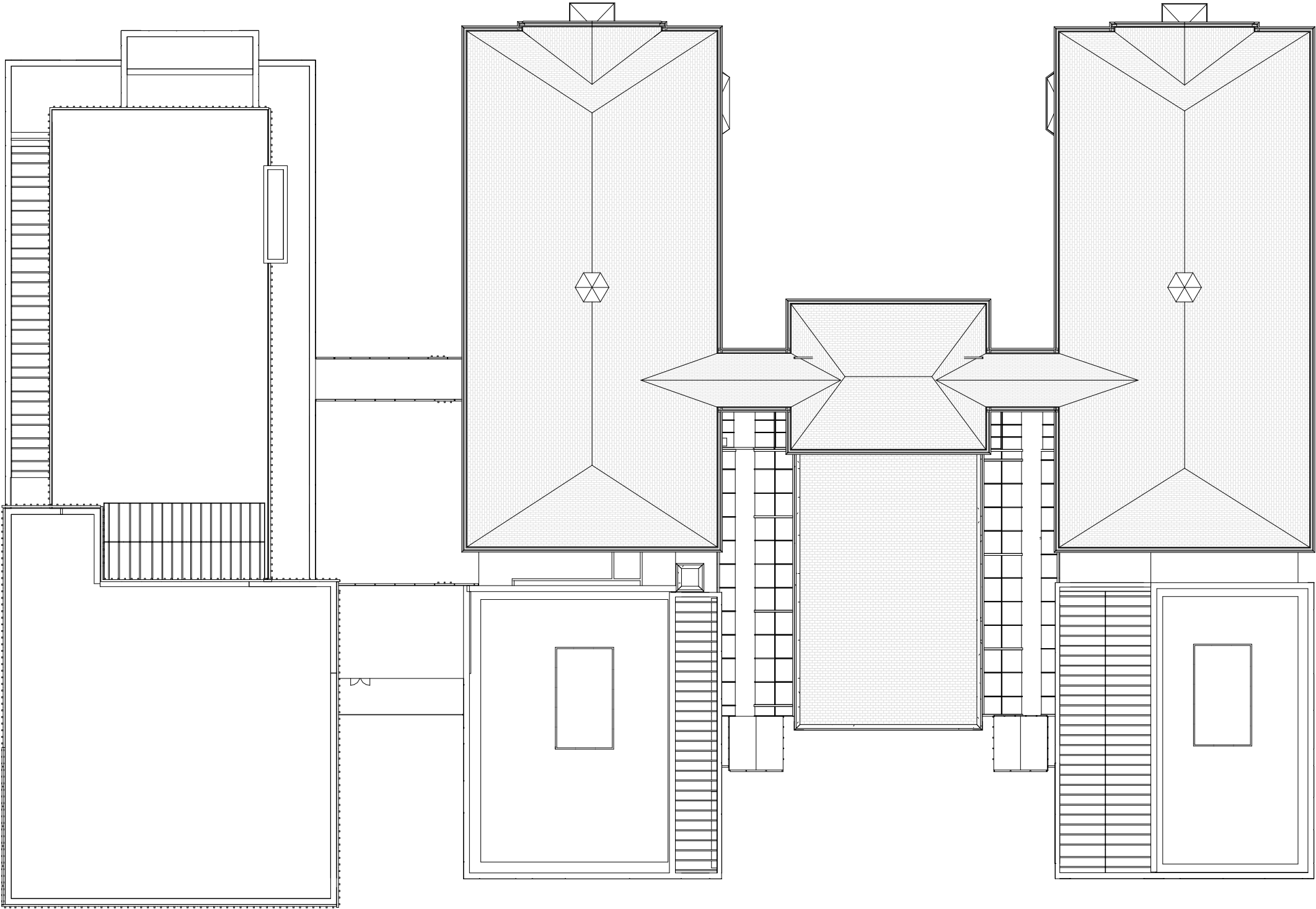
10 ROOFTOP PLAYSPACE



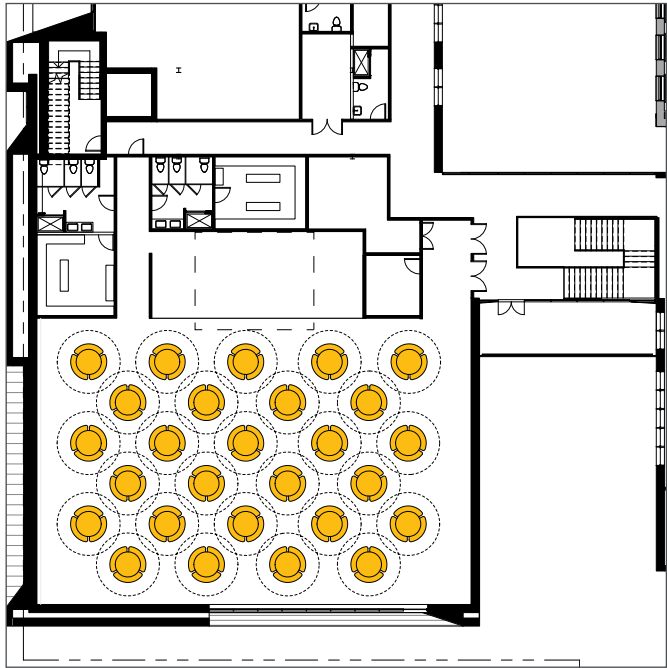
PROGRAM LEGEND

- ACADEMIC SUPPORT
- ADMIN
- BUILDING SERVICES
- CIRCULATION
- CLASSROOM
- DINING
- GROSS UP
- LIBRARY
- PHYS. ED.

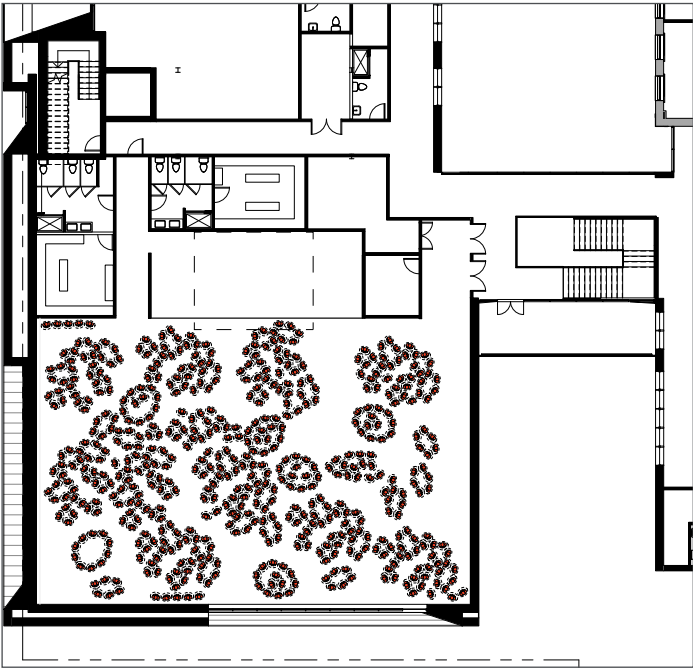
3RD FLOOR PLAN



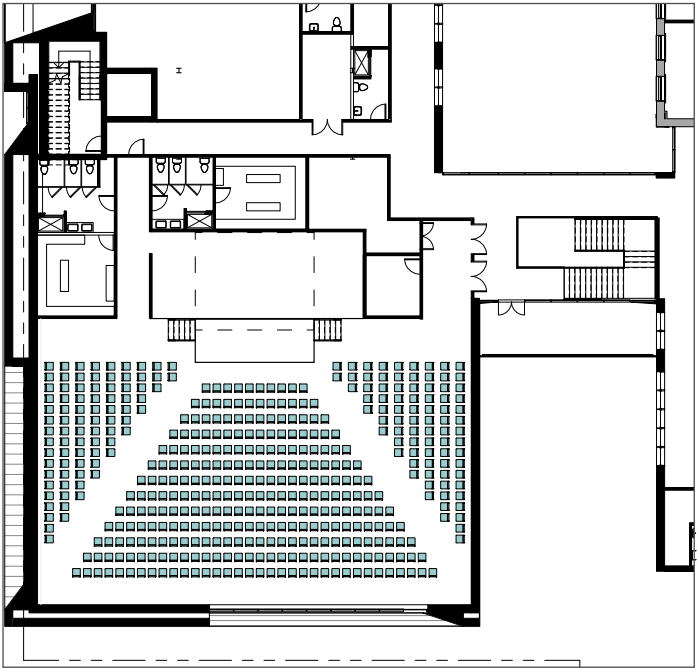
HIGH ROOF PLAN



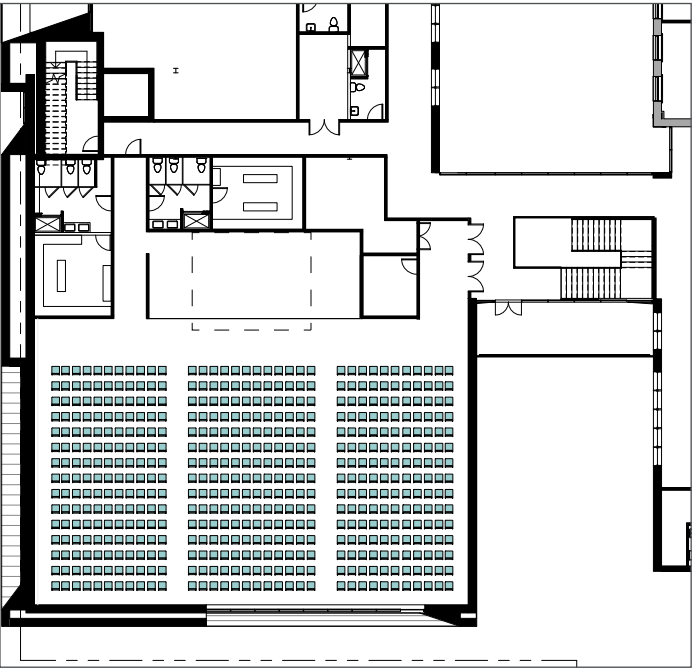
Seated tables and chairs
+/- 300 people, 27 tables



Standing Room
885 allowed, 550 shown

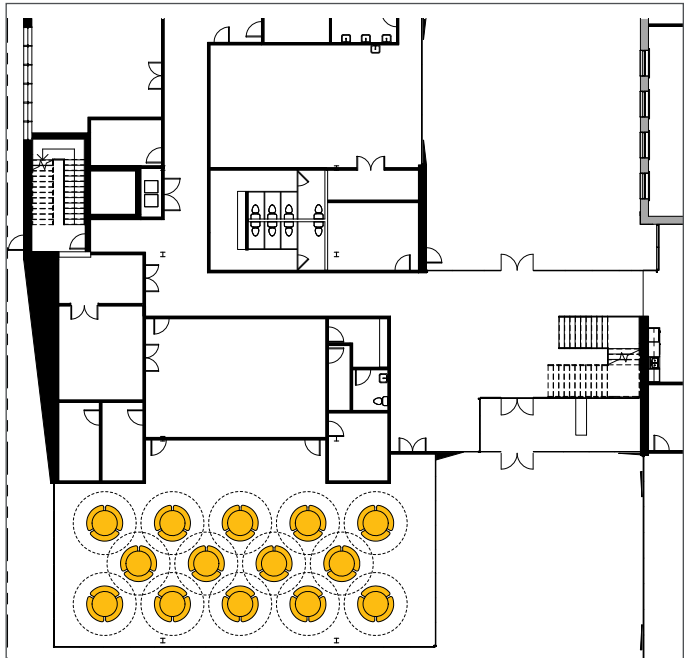


Thrust stage
450 folding chairs

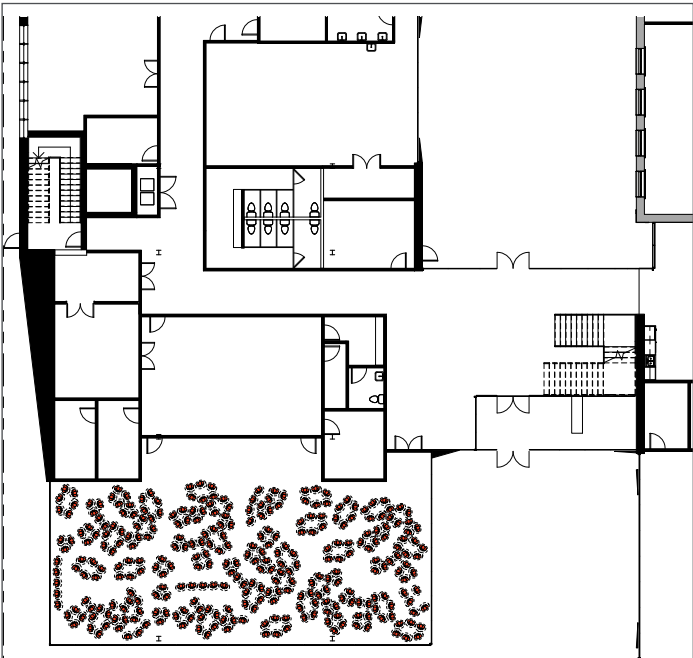


Proscenium stage
510 folding chairs

GYMNASIUM



Seated tables and chairs
+/- 170 people, 14 tables



Standing Room
435 allowed, 310 shown

CAFETERIA



NATURAL MATERIALS - EXTERIOR

Precedent



NATURAL MATERIALS - EXTERIOR

Precedent



CONNECTION TO OUTDOORS

Precedent



SOLID SHELL WITH ACCENTUATED INDENTS

Precedent



CLASSROOM CONNECTIONS

Precedent



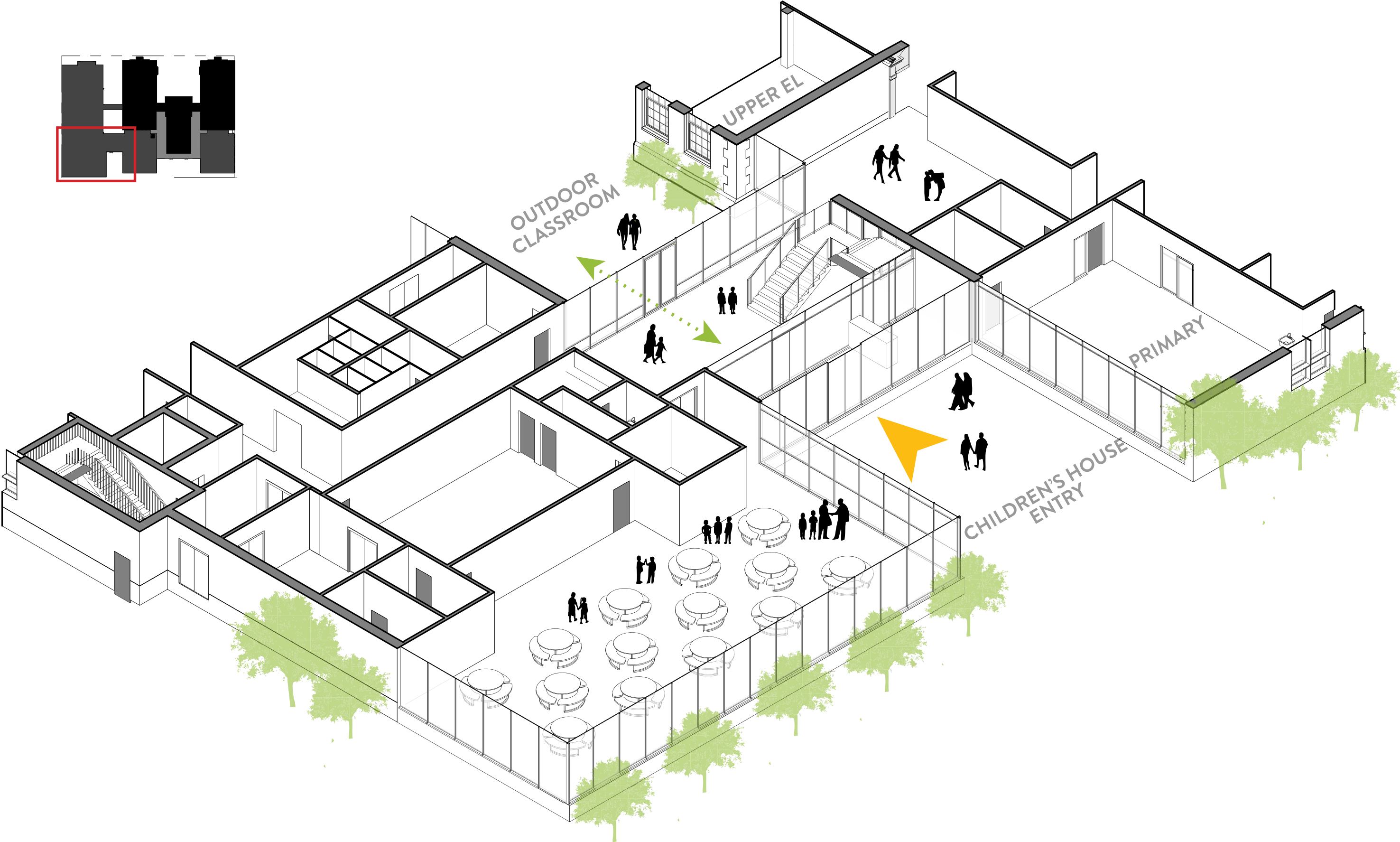
CLASSROOM CONNECTIONS

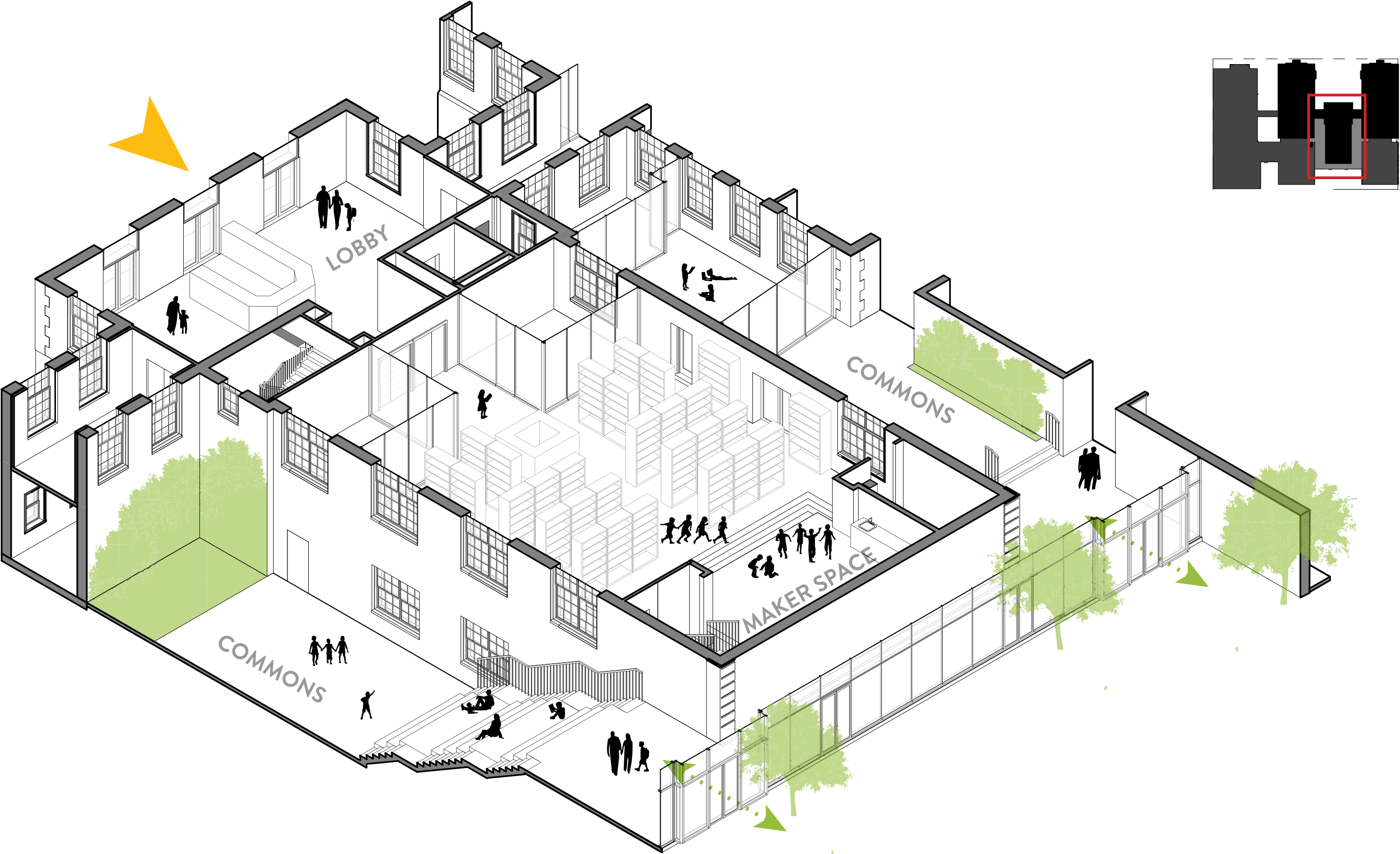
Precedent

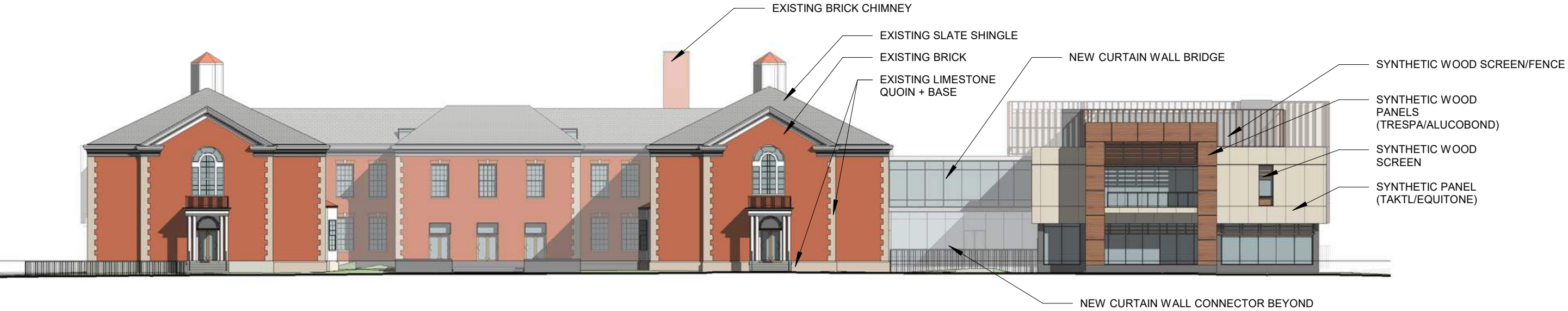


CLASSROOM CONNECTIONS

Precedent

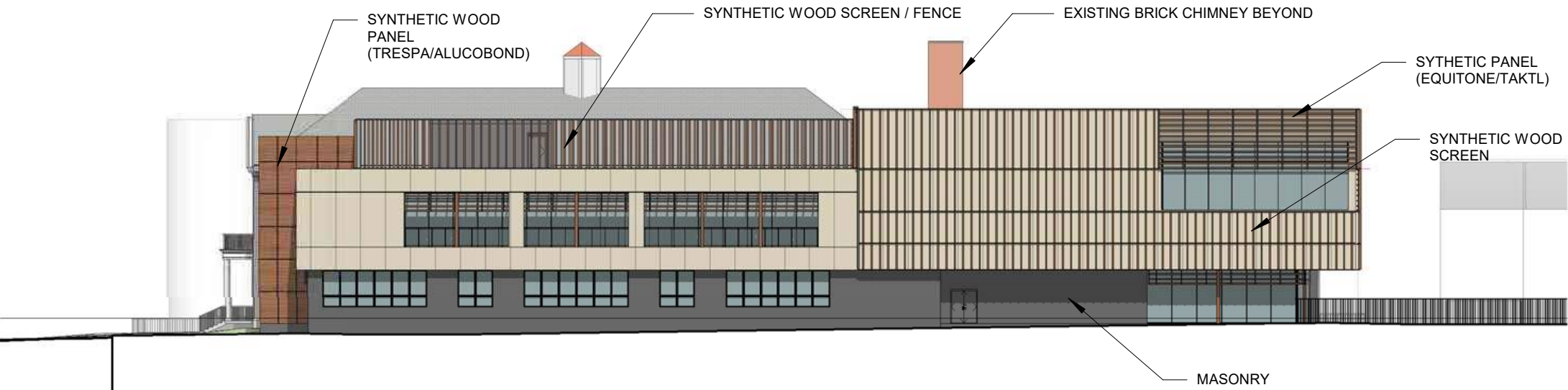






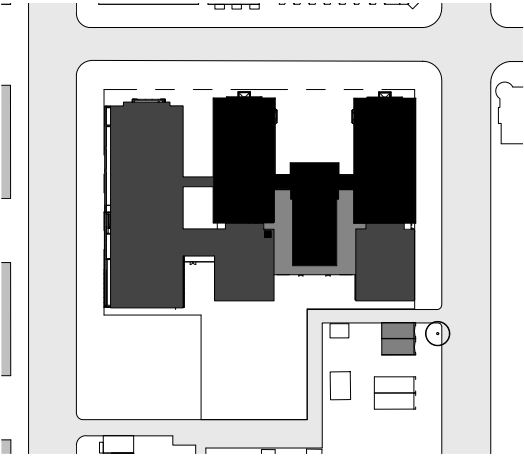
1 North HPRB/CFA

A050 A108 1/32" = 1'-0"

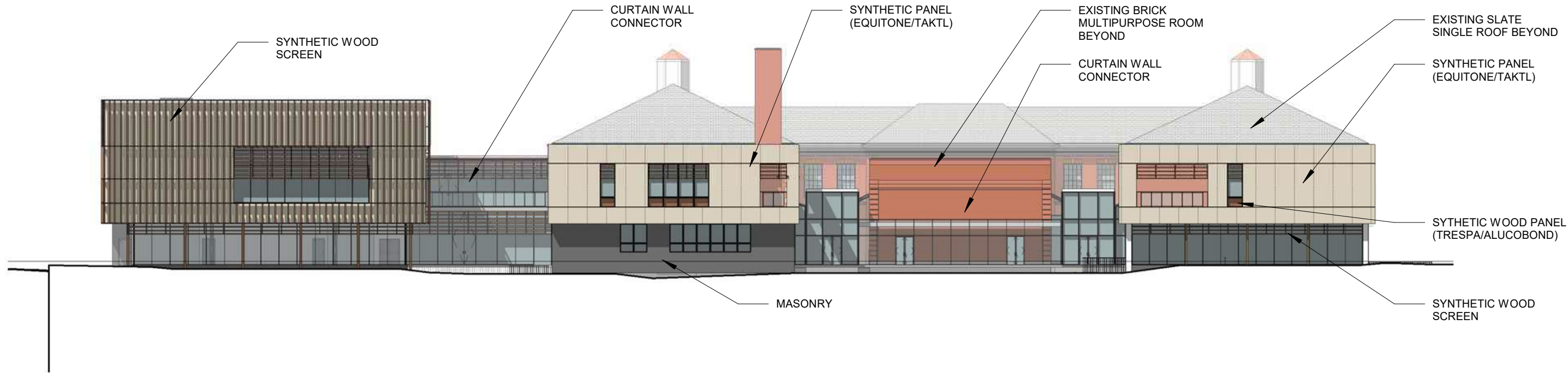


2 West HPRB/CFA

A050 A108 1/32" = 1'-0"

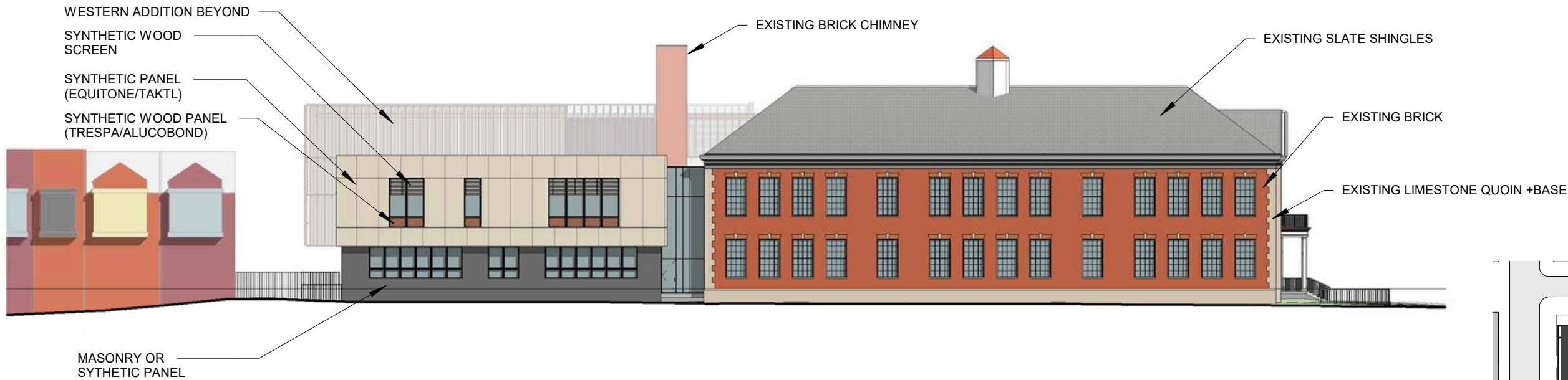


Elevations



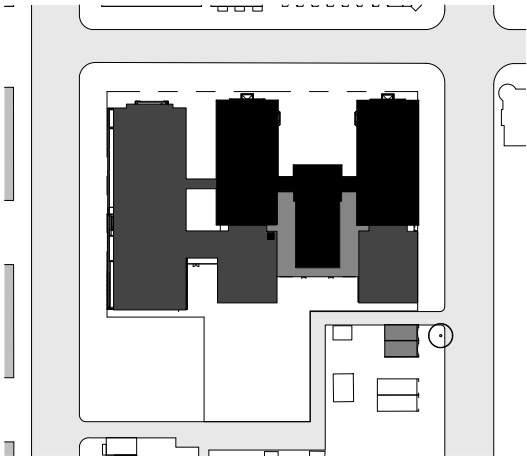
1 South HPRB/CFA

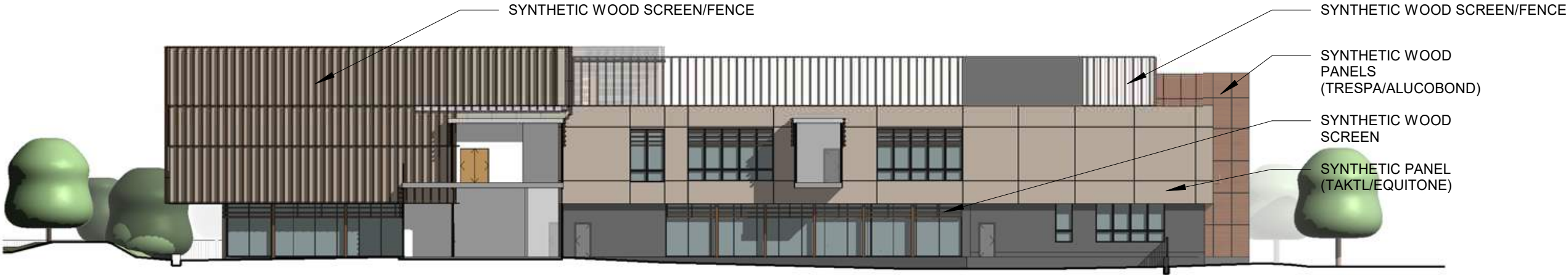
A050 A109 1/32" = 1'-0"



2 East HPRB/CFA

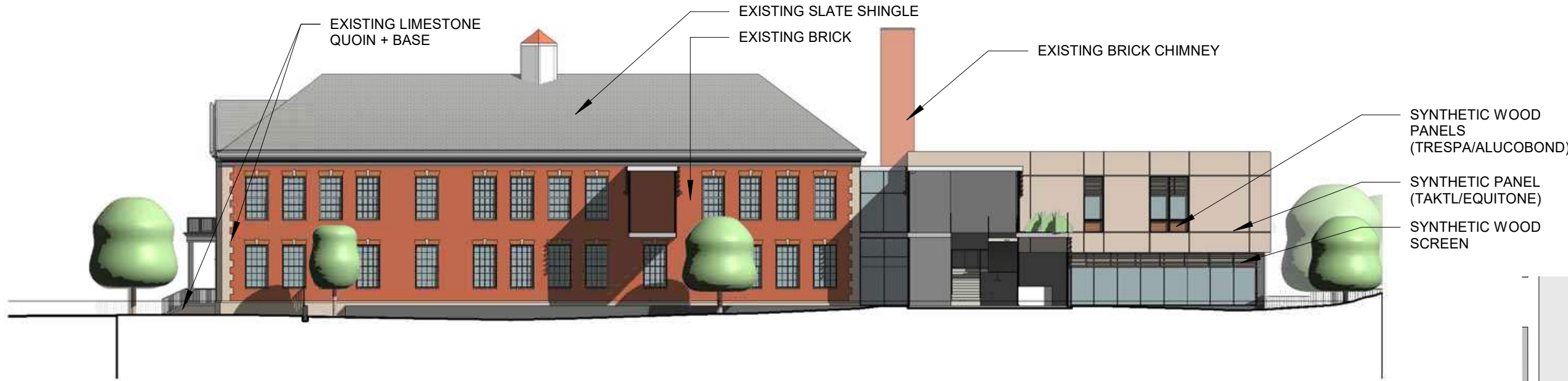
A050 A109 1/32" = 1'-0"





1 West Addition Hidden Elevation - A

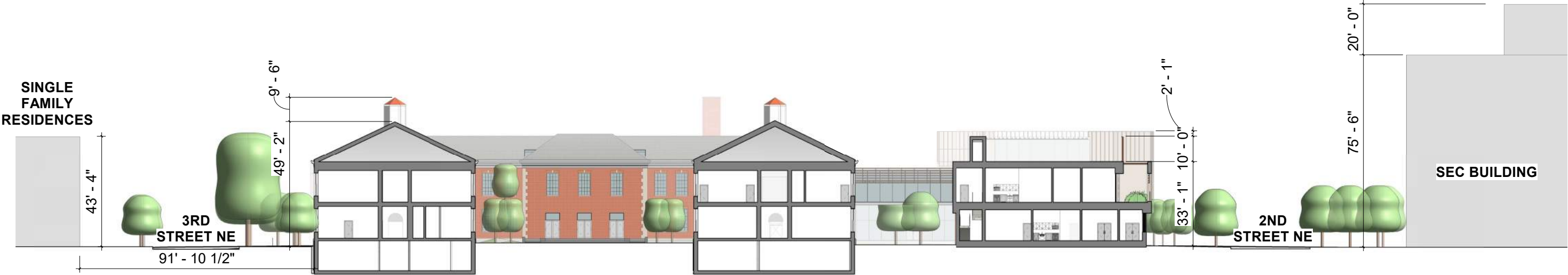
A050 A108C 1/32" = 1'-0"



2 Existing Building Hidden Elevation -A

A050 A108C 1/32" = 1'-0"





2 East West Building Section Concept Design

A050 A112 1/16" = 1'-0"



3 West Wing Building Section Concept Design

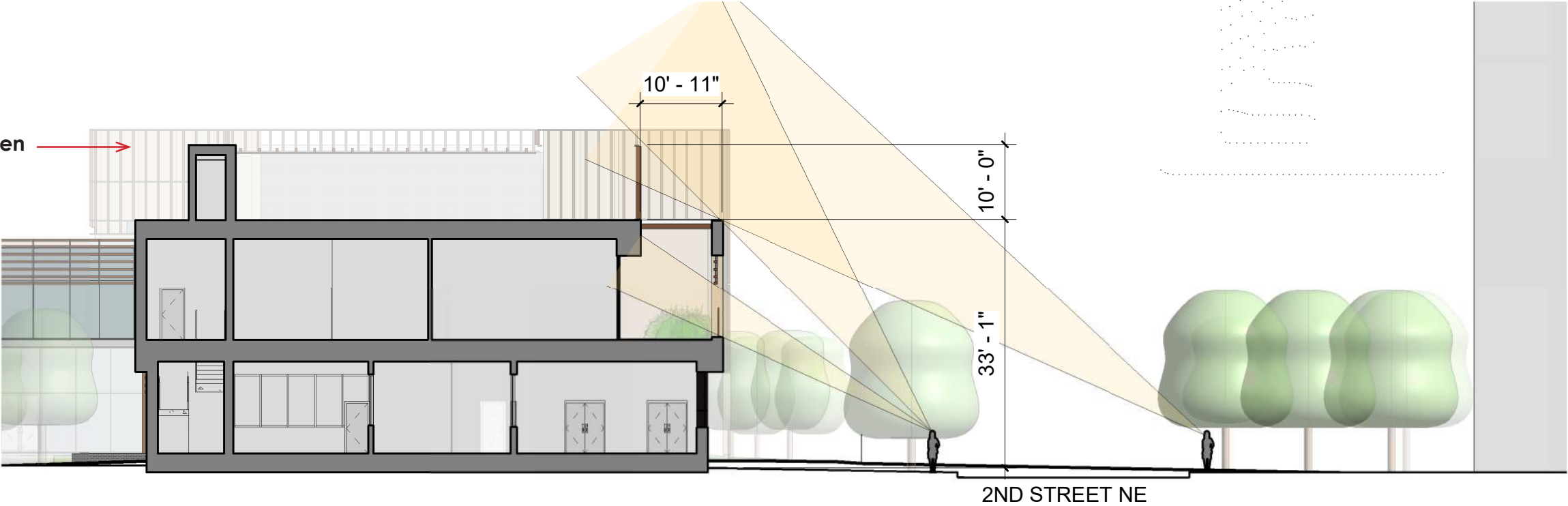
A050 A112 1/16" = 1'-0"



1 Addition Building Section Concept Design

A050 A112 1/16" = 1'-0"

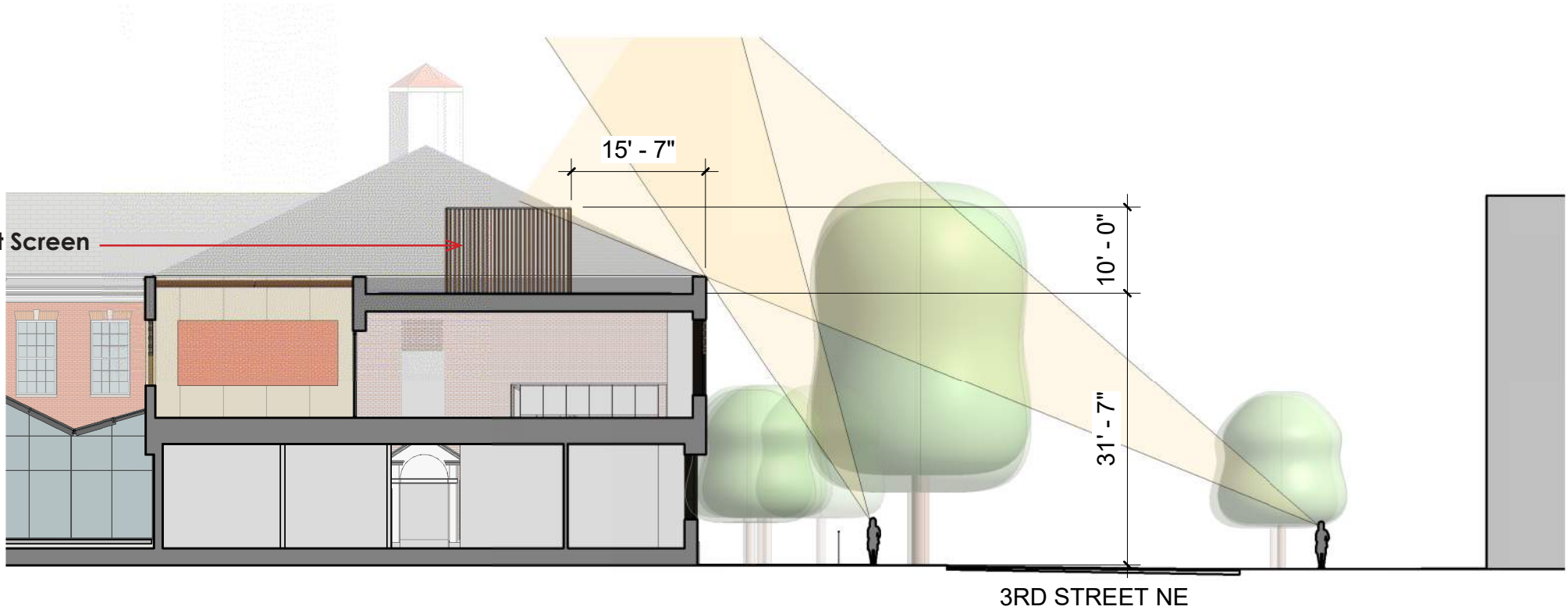
Rooftop Play Area Screen



1 West addition view cone section

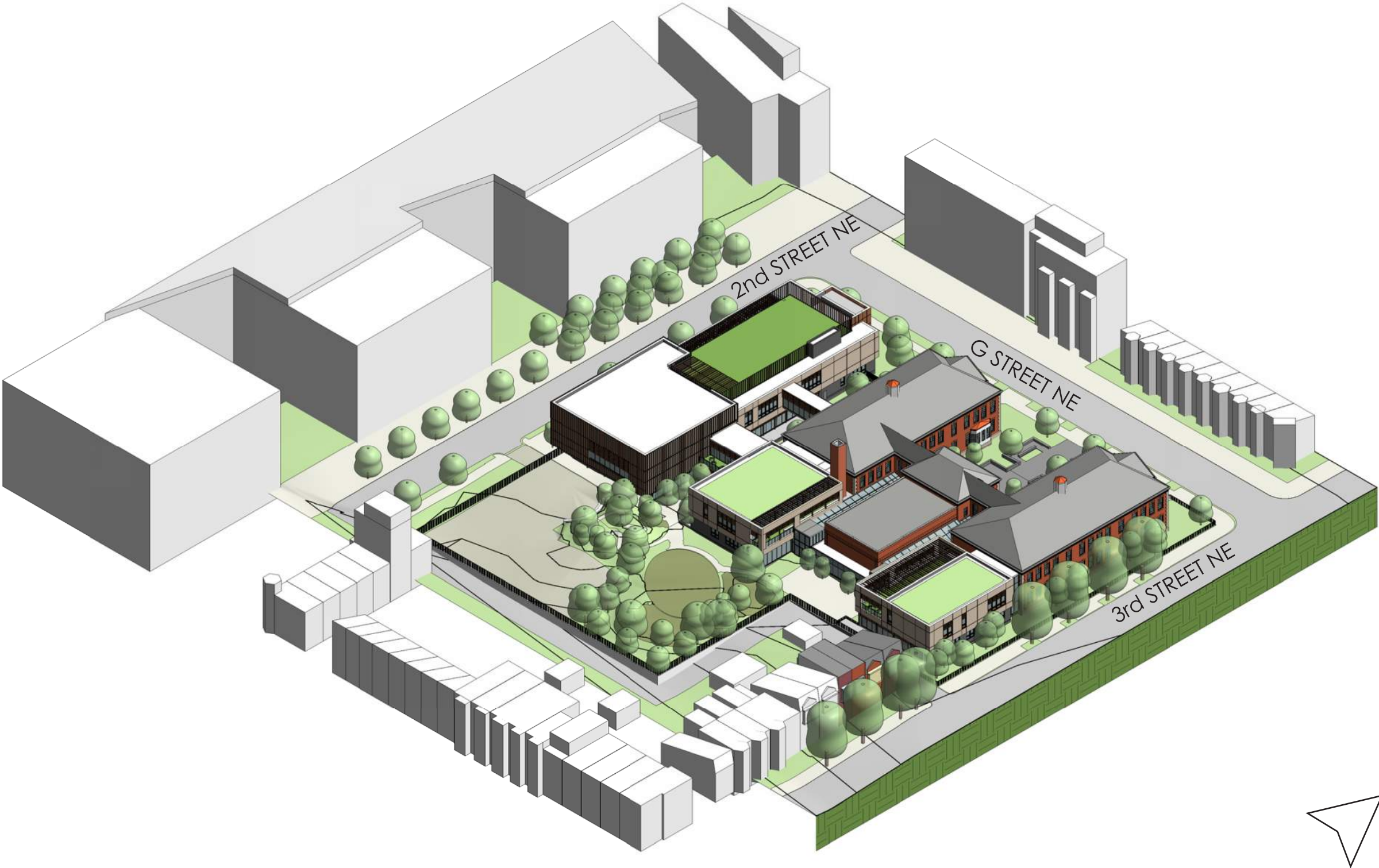
A050 A116 1/16" = 1'-0"

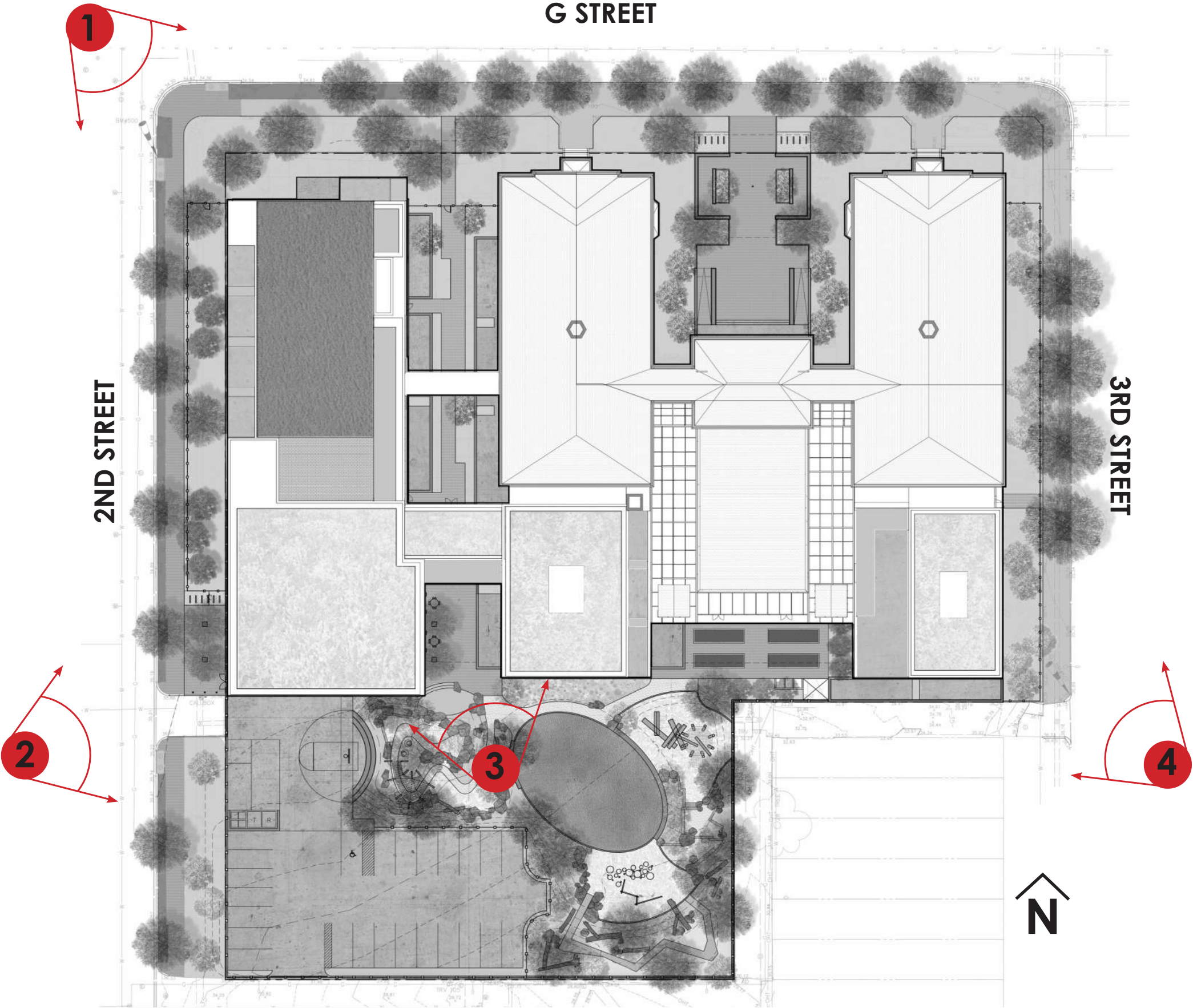
Mechanical Equipment Screen



2 Southeast addition view cone section

A116 1/16" = 1'-0"





Perspective View Key Plan

1



2



Perspectives



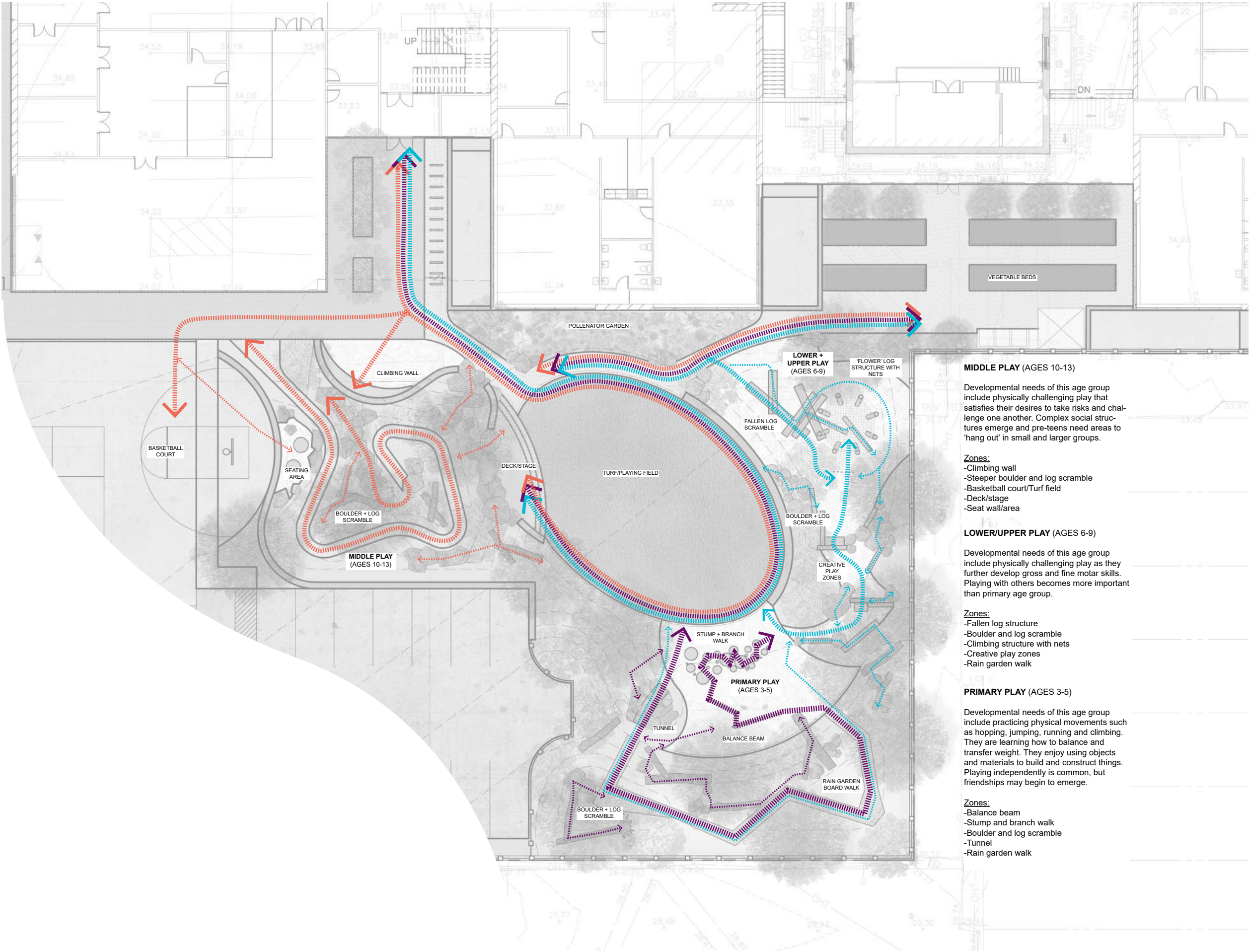
4



Perspectives



- 1. Level 1 Outdoor Classroom
- 2. Level 2 Outdoor Classroom
- 3. Level 3 Turf Field
- 4. Level 3 Patio Seating
- 5. Green Roof
- 6. Bike Parking
- 7. Main Entrance Plaza
- 8. Children's House Entry
- 9. Trash/Recycling
- 10. Berth
- 11. Service
- 12. Loading Platform
- 13. Basketball Half Court
- 14. Middle School Play
- 15. Lower/Upper Play
- 16. Primary Play
- 17. Raised Wood Path
- 18. Rain Garden Play
- 19. Turf Field
- 20. Pollinator Garden
- 21. Vegetable Garden
- 22. Fruit Trees



MIDDLE PLAY (AGES 10-13)

Developmental needs of this age group include physically challenging play that satisfies their desires to take risks and challenge one another. Complex social structures emerge and pre-teens need areas to 'hang out' in small and larger groups.

- Zones:
- Climbing wall
 - Steeper boulder and log scramble
 - Basketball court/Turf field
 - Deck/stage
 - Seat wall/area

LOWER/UPPER PLAY (AGES 6-9)

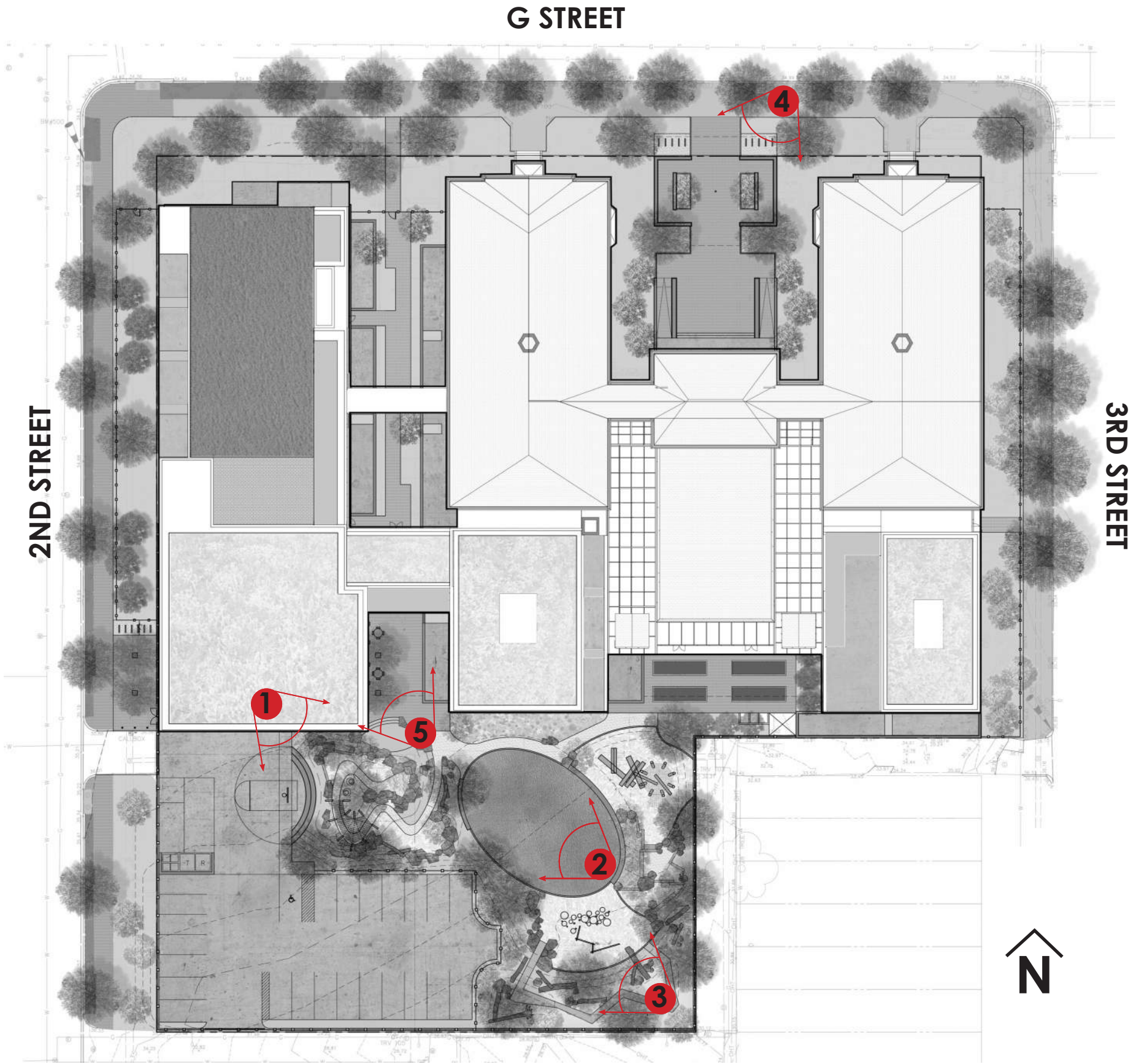
Developmental needs of this age group include physically challenging play as they further develop gross and fine motor skills. Playing with others becomes more important than primary age group.

- Zones:
- Fallen log structure
 - Boulder and log scramble
 - Climbing structure with nets
 - Creative play zones
 - Rain garden walk

PRIMARY PLAY (AGES 3-5)

Developmental needs of this age group include practicing physical movements such as hopping, jumping, running and climbing. They are learning how to balance and transfer weight. They enjoy using objects and materials to build and construct things. Playing independently is common, but friendships may begin to emerge.

- Zones:
- Balance beam
 - Stump and branch walk
 - Boulder and log scramble
 - Tunnel
 - Rain garden walk





1



3



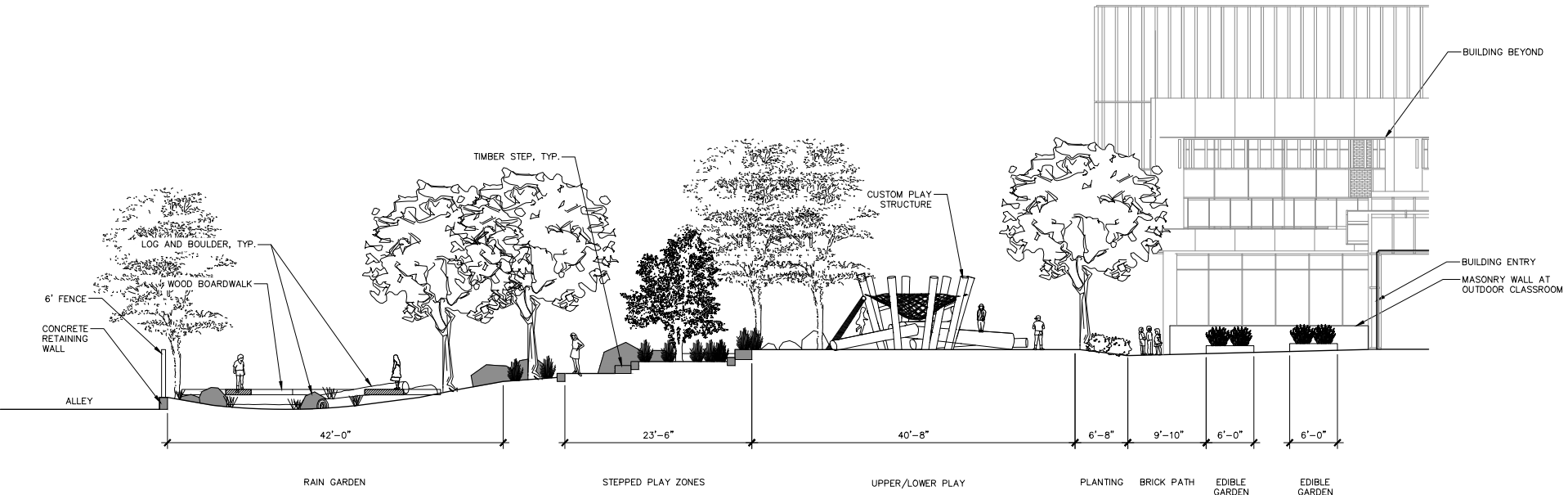
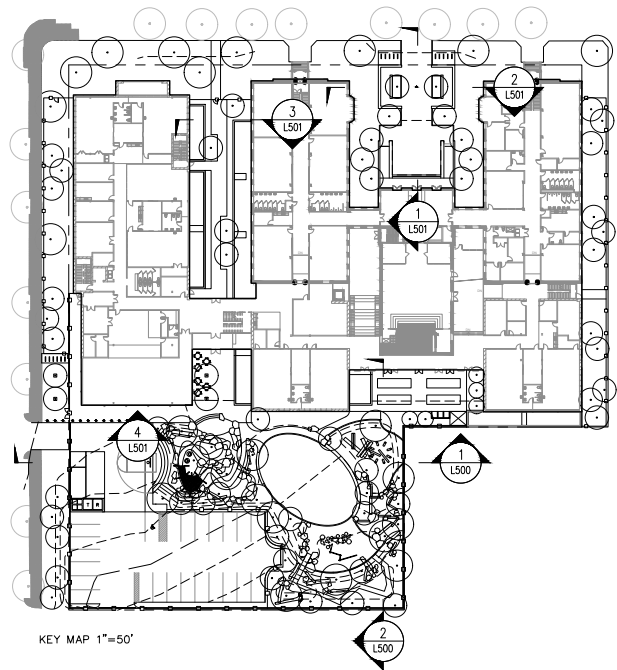
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2

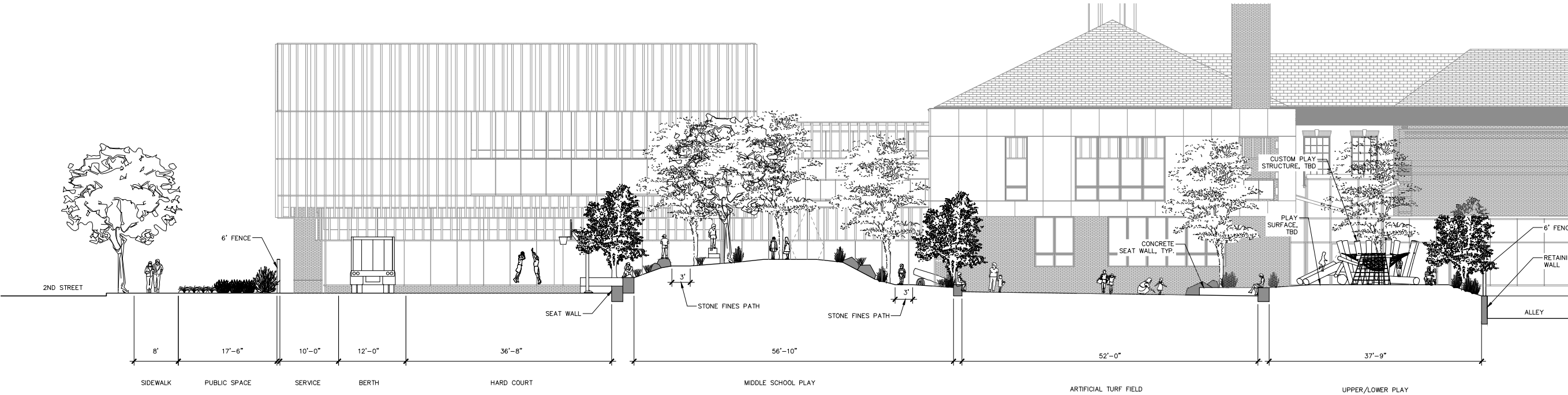


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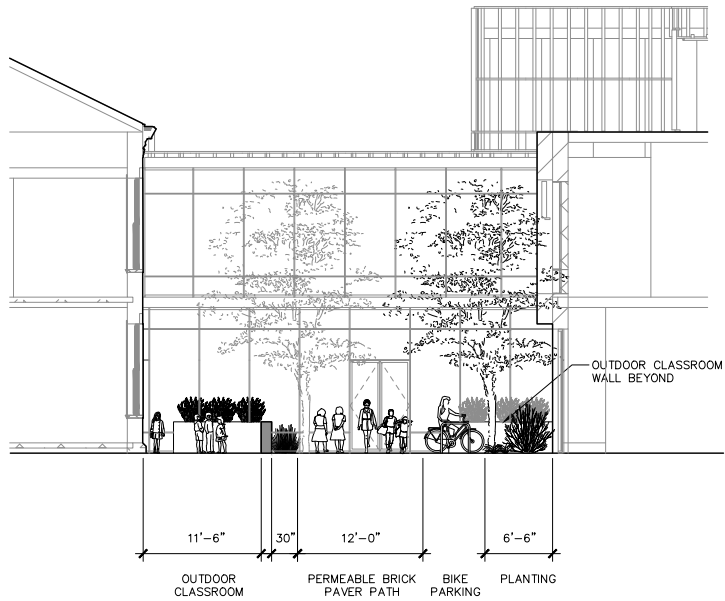
2 SECTION THROUGH PLAY AREAS LOOKING WEST

1/8"=1'-0"



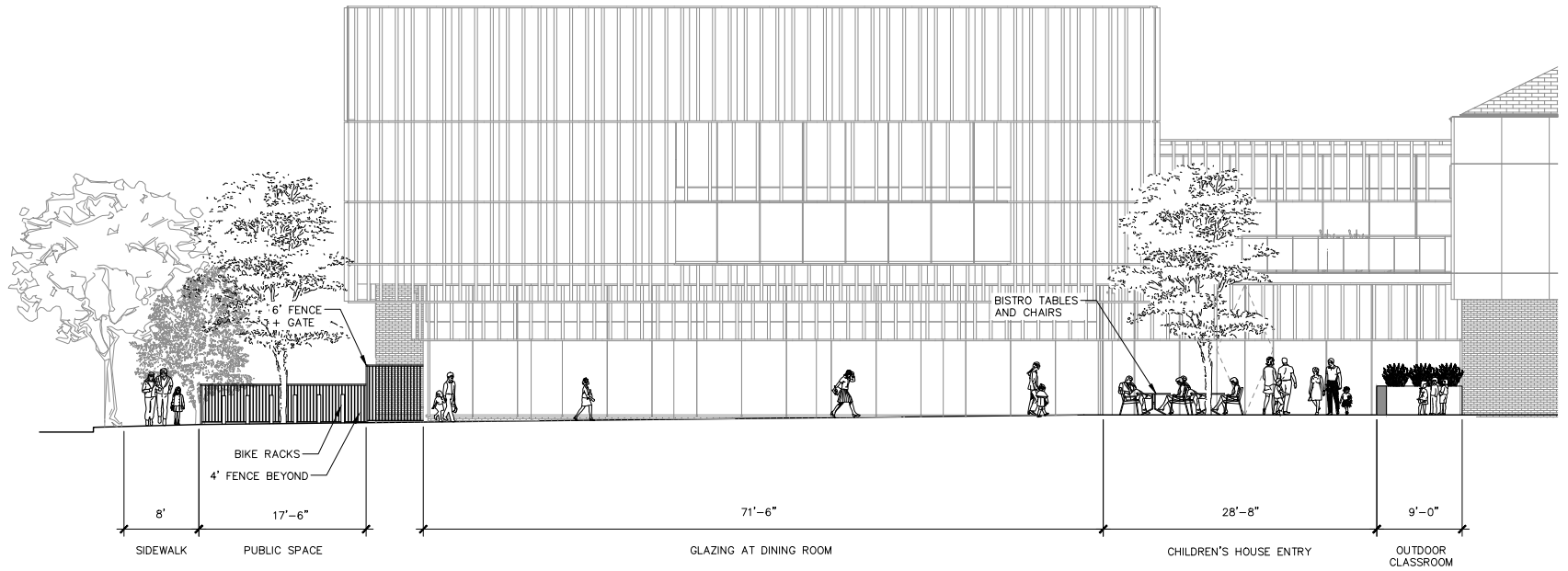
1 SECTION THROUGH PLAY AREAS LOOKING NORTH

1/8"=1'-0"



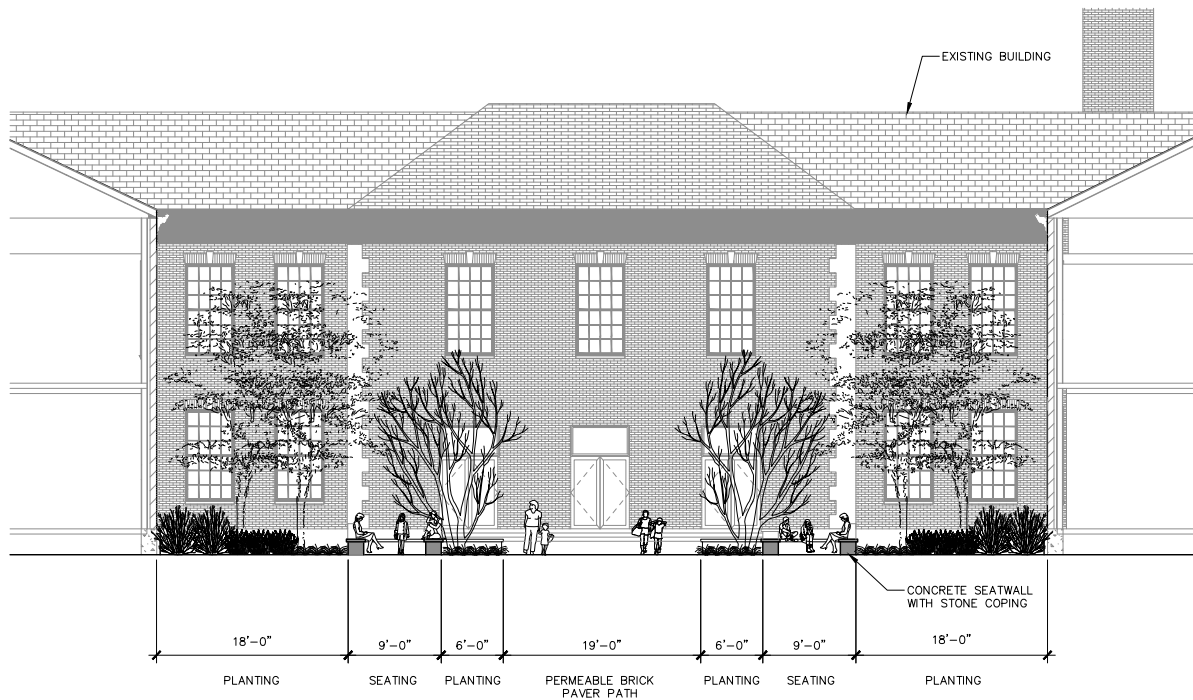
3 SECTION AT INFORMAL ENTRY ON G STREET

1/8"=1'-0"



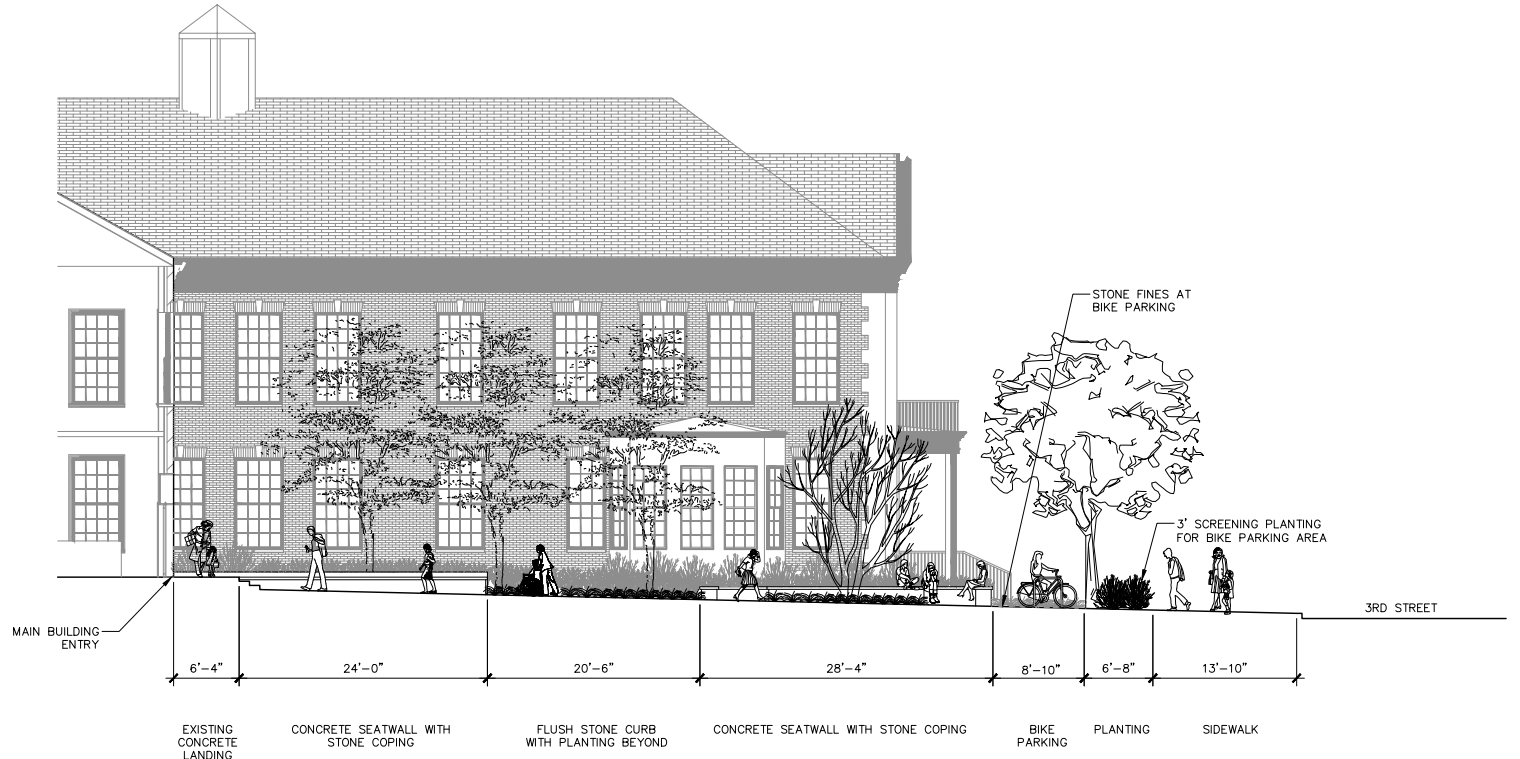
4 ELEVATION AT CHILDREN'S HOUSE ENTRY

1/8"=1'-0"



2 SECTION THROUGH SEATING AT MAIN ENTRY PLAZA

1/8"=1'-0"



1 SECTION THROUGH MAIN ENTRY PLAZA

1/8"=1'-0"