



Equity

AN URBAN SCHOOL DISTRICT'S
APPROACH TO EQUITABLE
OPPORTUNITIES ACROSS
COMMUNITIES

A4LE
LEARNINGSAPES
2024

PRESENTERS



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STUDIO MB

Associate
AIA



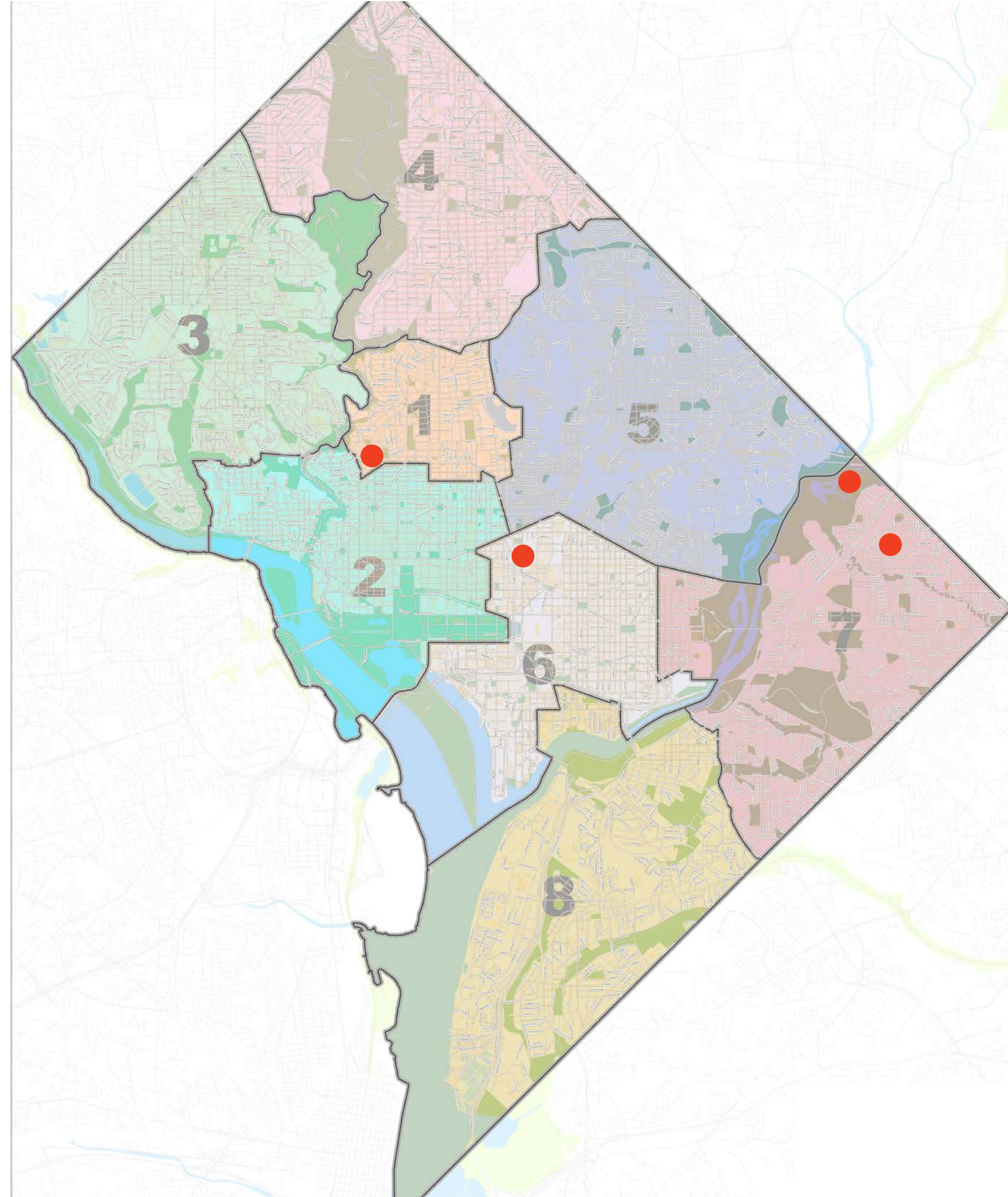
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STUDIO MB

Senior Associate
AIA, LEED AP BD+C, NOMA

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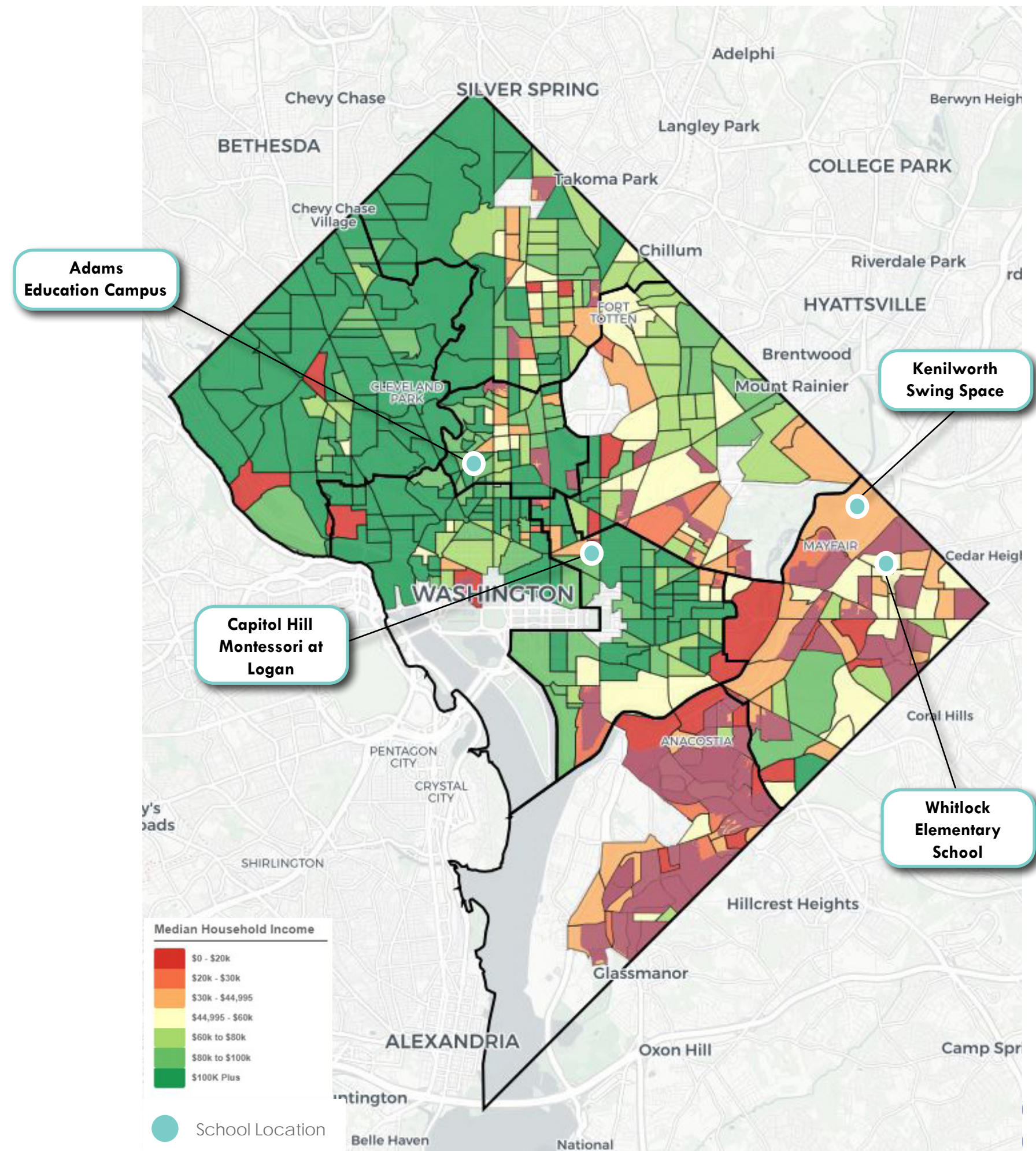
1

CONTEXTUALIZING
THE DISTRICT

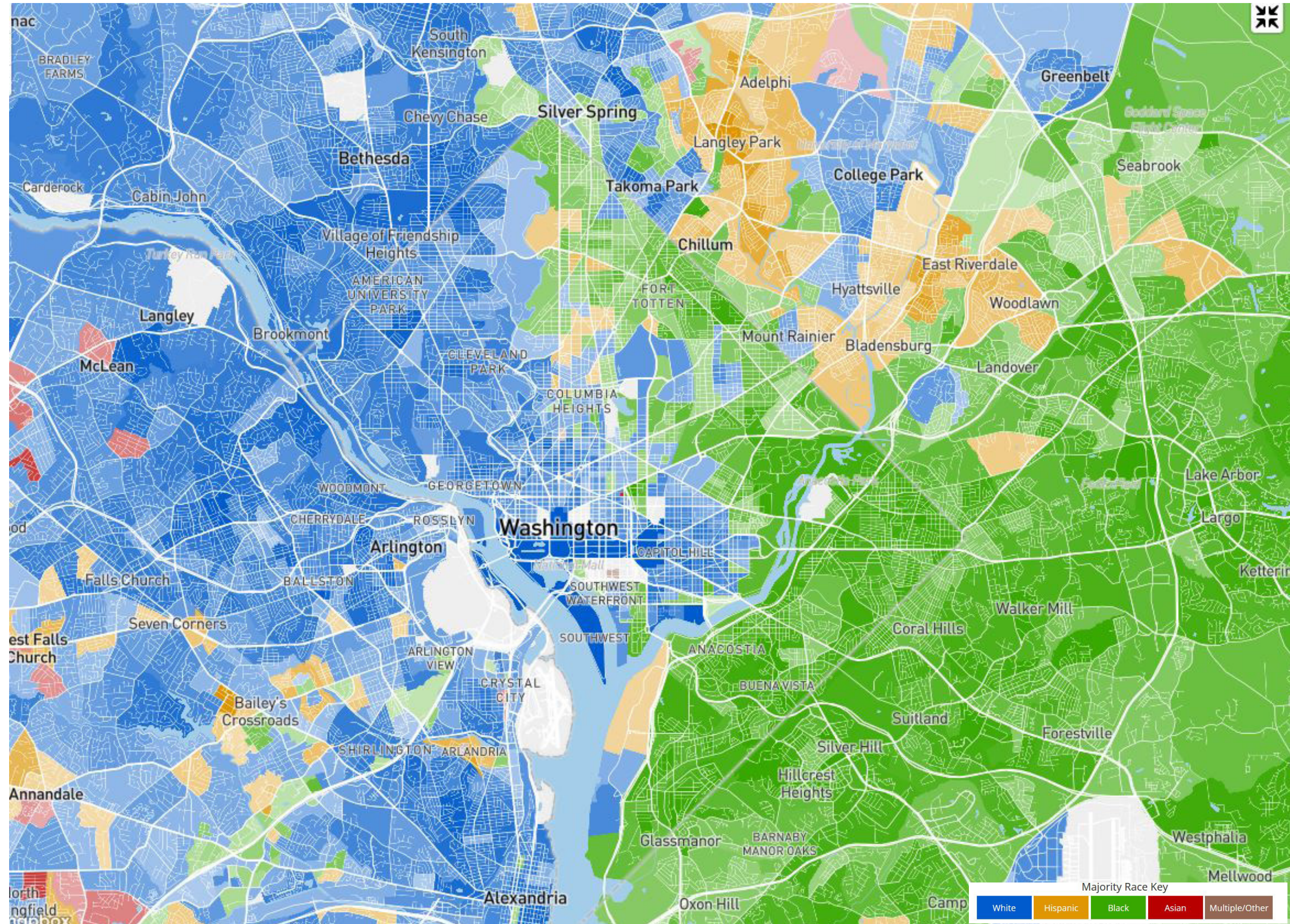
Understanding the Wards

Economic

- DC is economically segmented between Northwest DC and Anacostia.
- The Urban institute found that the average tract household income rose for the top 10% by \$43,000 whereas the purchasing power of the lowest 10% only grew by \$3,100



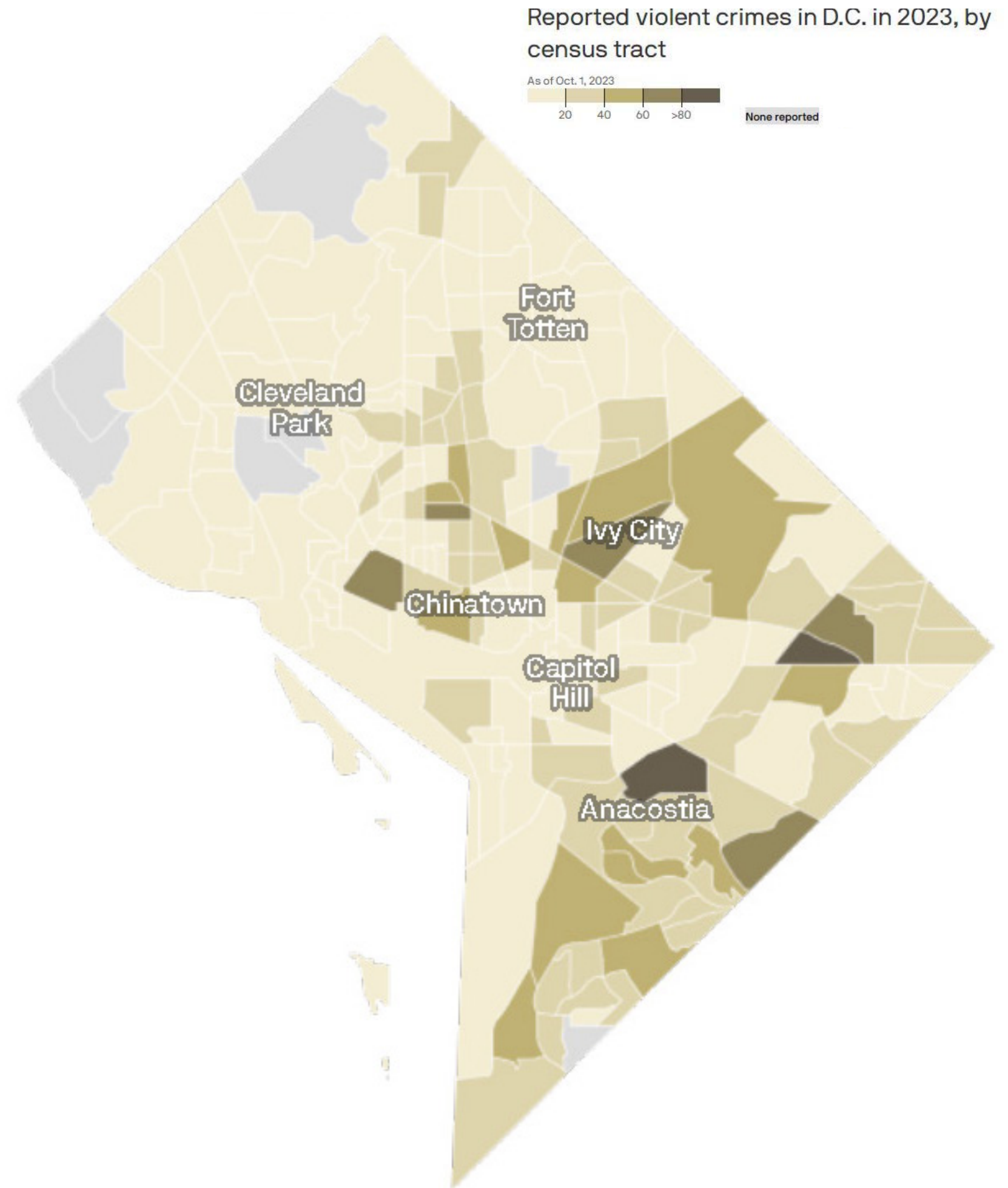
Understanding the Wards



Understanding the Wards

SAFETY

- Rock Creek Park largely divides the DC Crime.
- Violence east of Rock Creek has increased over the years, particularly in Northeast and Southeast DC.
- According to the DC Policy Center, children in high crime areas are less likely to play outside, have increased stress levels, poor mental health, and tend to fall behind in school.



Understanding the Wards

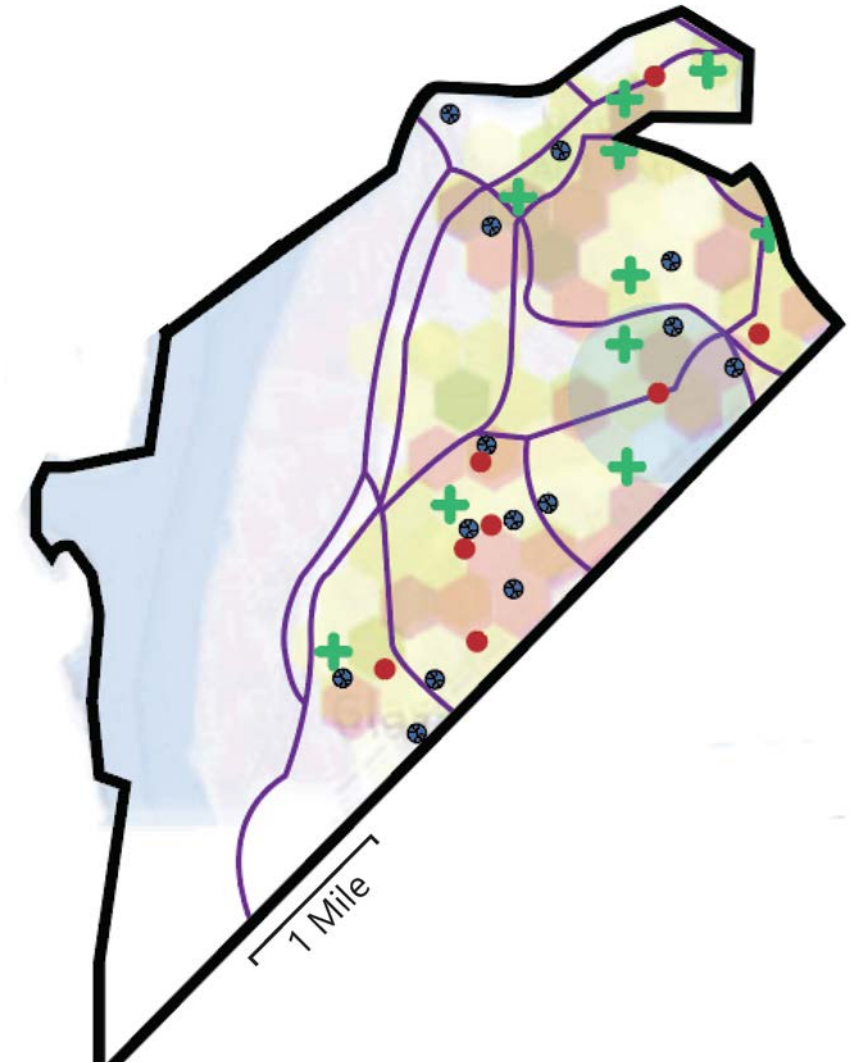
PHYSICAL ACTIVITY DESERTS

- DC Active Kids describes Physical Activity Deserts as “urban areas in which it is difficult to find a safe, affordable place to engage with physical activity.”
- Despite the abundant greenspace, DC contains a variety of Physical Activity Deserts, particularly in Ward 7 wherein children must walk over a mile in high-crime areas to recreation spaces .

WARD 7



WARD 8



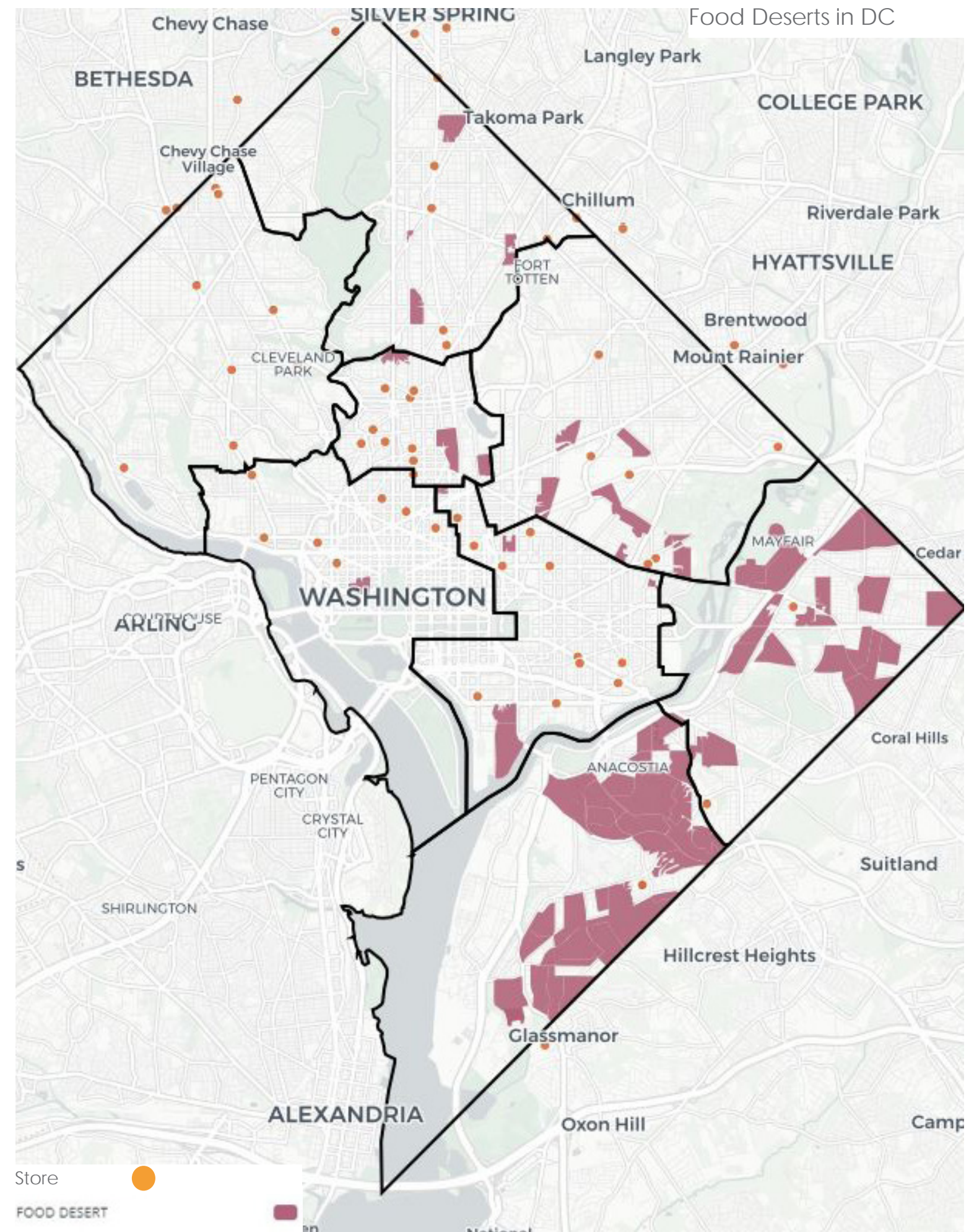
KEY

- Major Roads
- Density of Murders*
- Density of Assaults*
- Density of Robberies*
- Schools without Shared Use
- Recreation Centers**
- Schools with Shared Use***

Washington, District of Columbia

FOOD ACCESS/DESERT

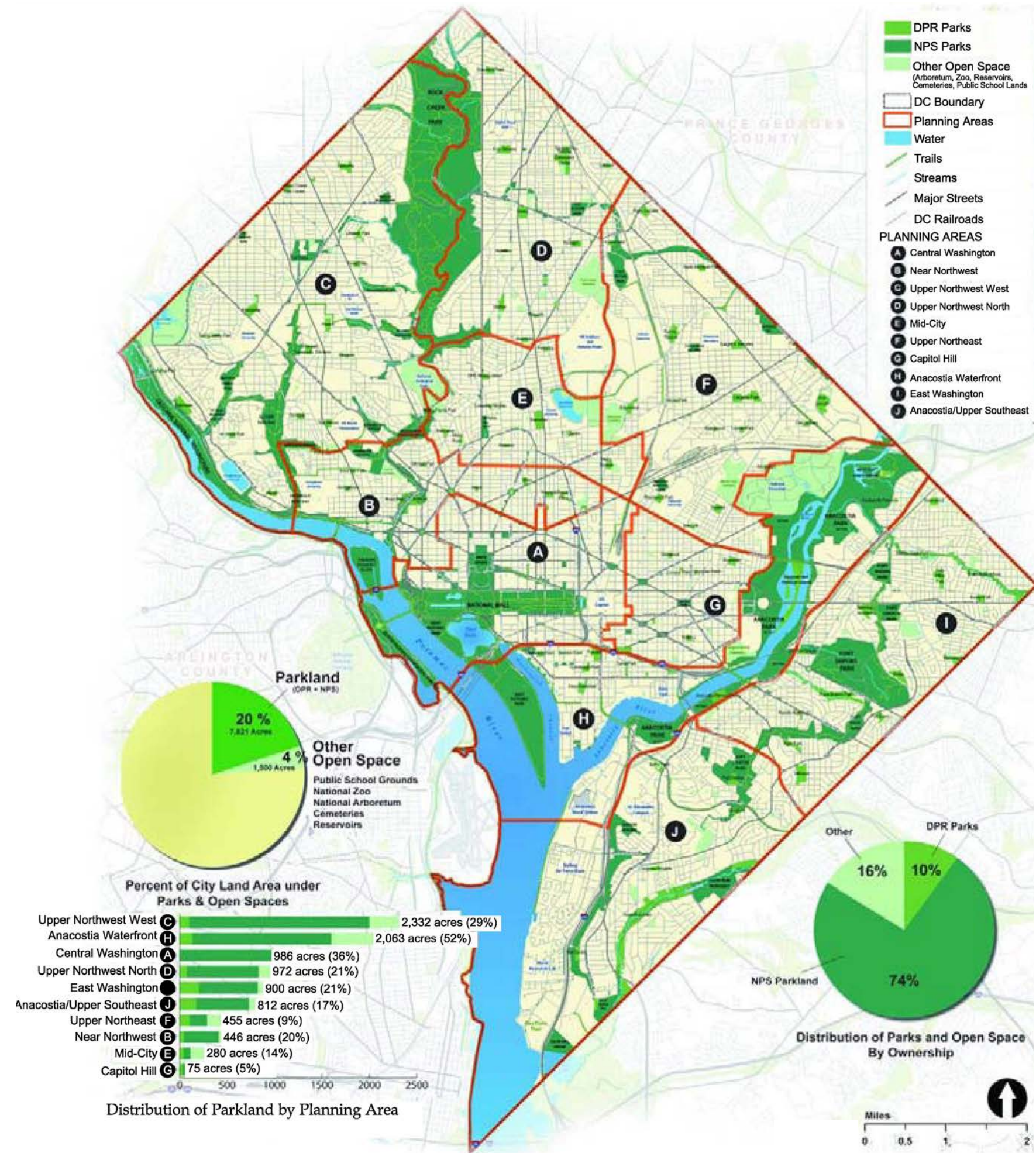
- According to the DC Policy Center, around 6.5 miles of land or 11% of DC are considered food deserts.
- Nearly half of the food deserts in DC occur in Ward 7 and 8



Washington, District of Columbia

GREEN SPACE

- Over 6,700 acres (20%) of National Park Service land



Identifying Educational Equity

ECONOMIC MARKERS

Increased per-pupil spending:

- Improves reading and math achievement, reduces grade repetition, and decreases the probability of suspensions and expulsions.
- Shown to have long-term impacts and result in higher graduation rates, higher adult wages, and a lower likelihood of adult poverty

OVER TIME

- In 1998, DC was in the 95th percentile of revenues per-pupil and exceeded all states in funding.

CURRENT STATE

- DC continues to spend more per-pupil than most schools nationwide, and
- Issues educational equity reports each year for transparency.



Adams Education Campus



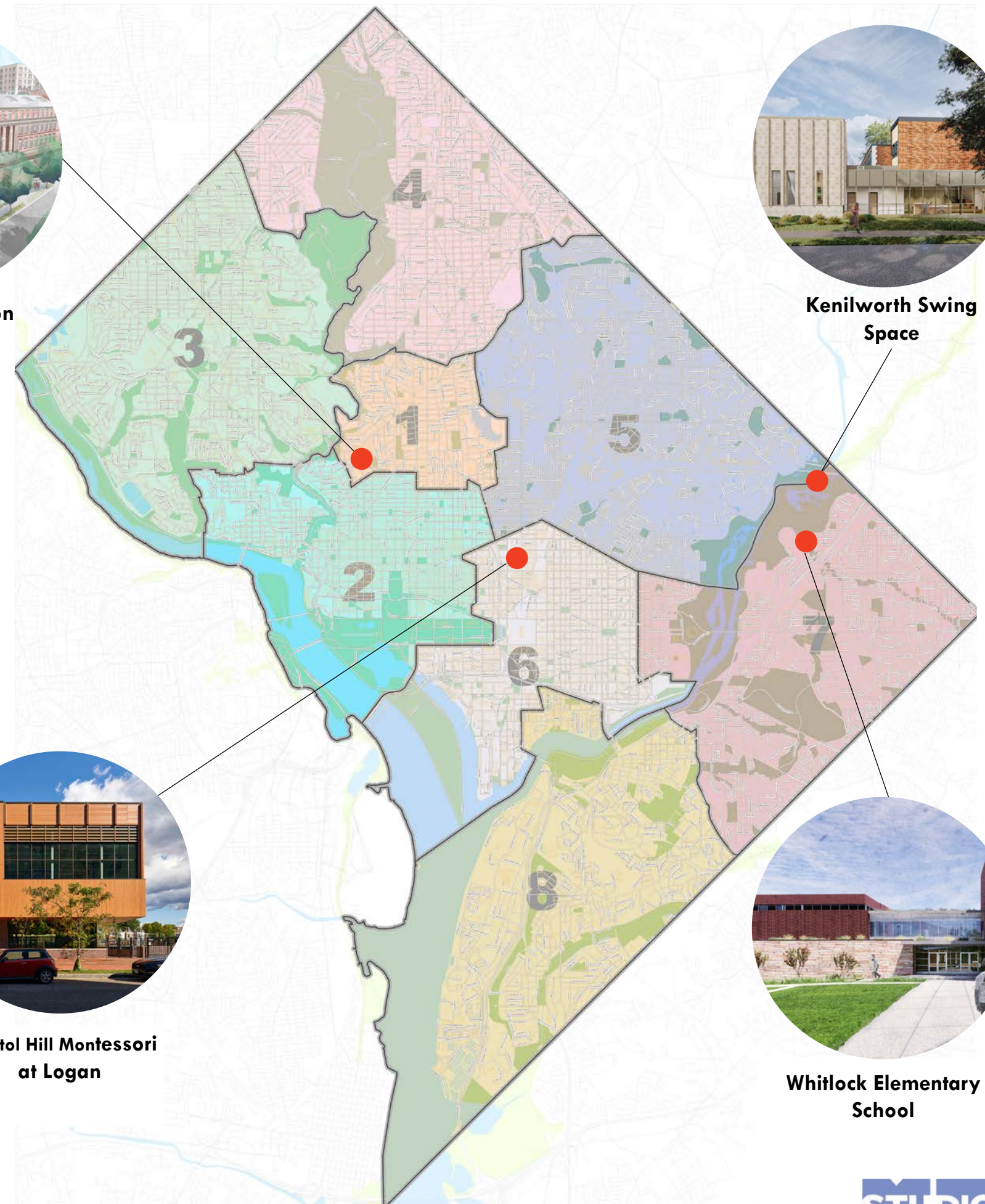
Kenilworth Swing Space



Capitol Hill Montessori at Logan



Whitlock Elementary School



Washington, DC - Equity Reports

CAPITOL HILL MONTESSORI AT LOGAN: K-8

- Ward 6
- Overall Budget: \$6.6M
- Enrollment: 457 Students
- \$14,424 Per-Pupil Average
- 21.9% at risk



ADAMS EDUCATION CAMPUS: 4-8

- Ward: 1
- Overall Budget: \$5.4M
- Enrollment: 375 Students
- \$14,378 Per-Pupil Average
- 8.2% At Risk

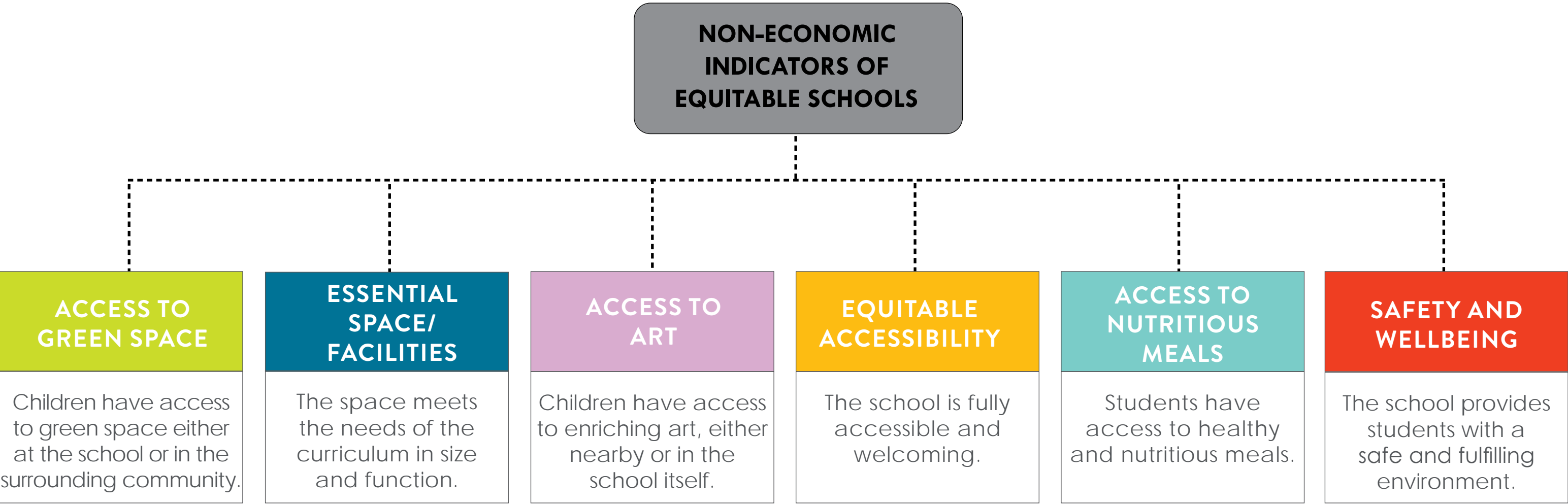


WHITLOCK ELEMENTARY SCHOOL: PREK-5TH

- Ward: 7
- Overall Budget: \$4.3M
- Enrollment: 147 Students
- \$29,106 Per-Pupil Average
- 87.1% At Risk



Non-Economic Indicators of Equity



DCPS Strategies

1. Rehabilitation of Aging Structures and Thoughtful Additions
2. A Robust Art Program
3. Districtwide Educational Specifications
4. A Commitment to Sustainability

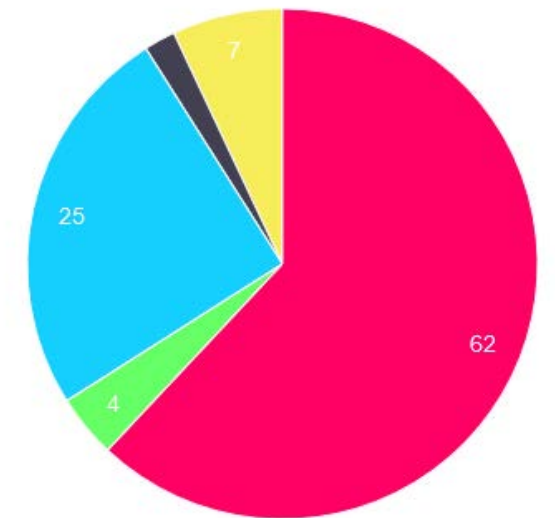


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CAPITOL HILL MONTESSORI AT LOGAN

DEMOGRAPHICS

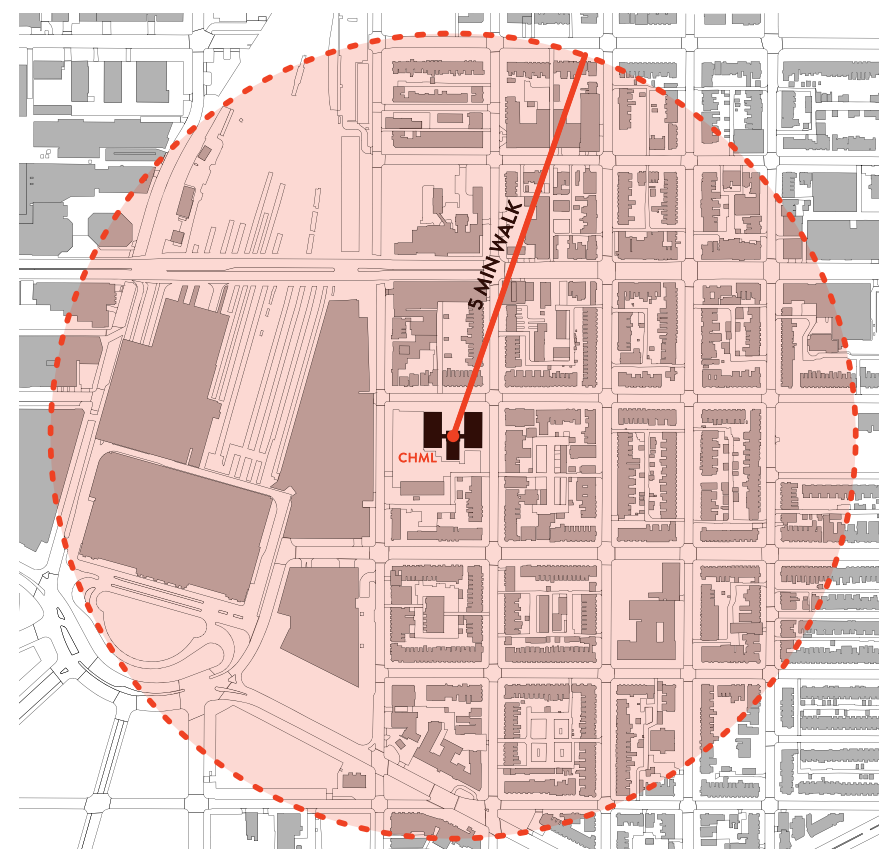
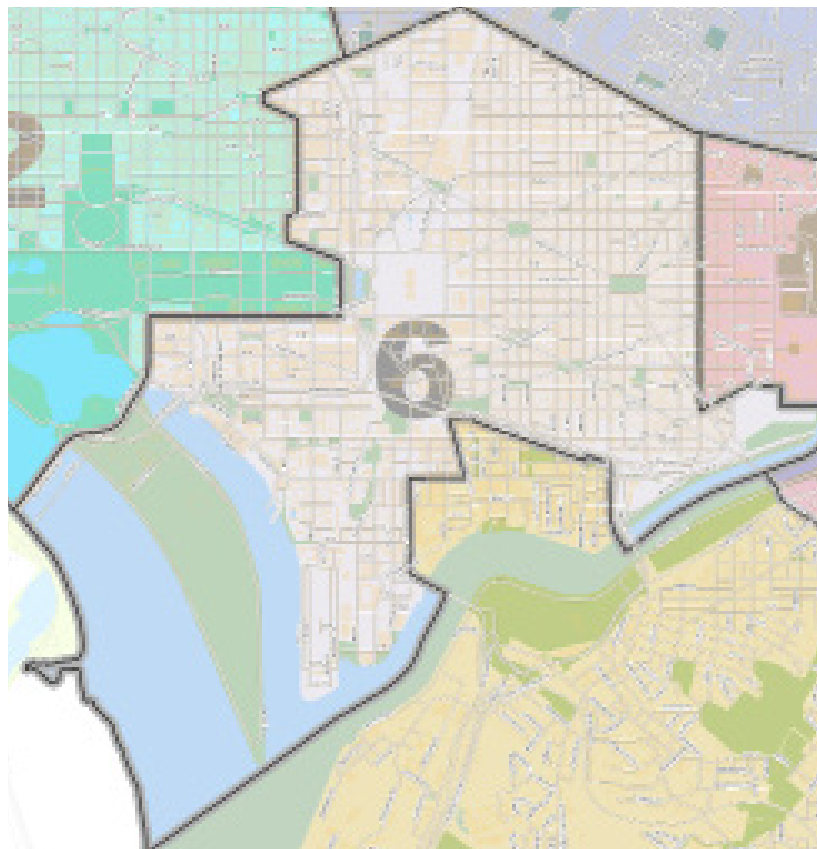
- 62% Black
- 4% Hispanic/Latino
- 25% White
- 2% Asian
- 7% Multiple Race
- 21% at risk (homeless, low-income, foster family)



SCHOOL PROGRAMS:

- Before/After School Care

Capitol Hill Montessori At Logan



Indicator Scorecard

ACCESS TO GREEN SPACE

2 → 4

ACCESS TO ART

5 → 5

ESSENTIAL SPACE/FACILITIES

2 → 5

EQUITABLE ACCESSIBILITY

3 → 5

ACCESS TO NUTRITIOUS MEALS

5 → 5

SAFETY AND WELLBEING

3 → 5

Scale from 1 - 5

Rehabilitation of Aging Structures and Thoughtful Additions

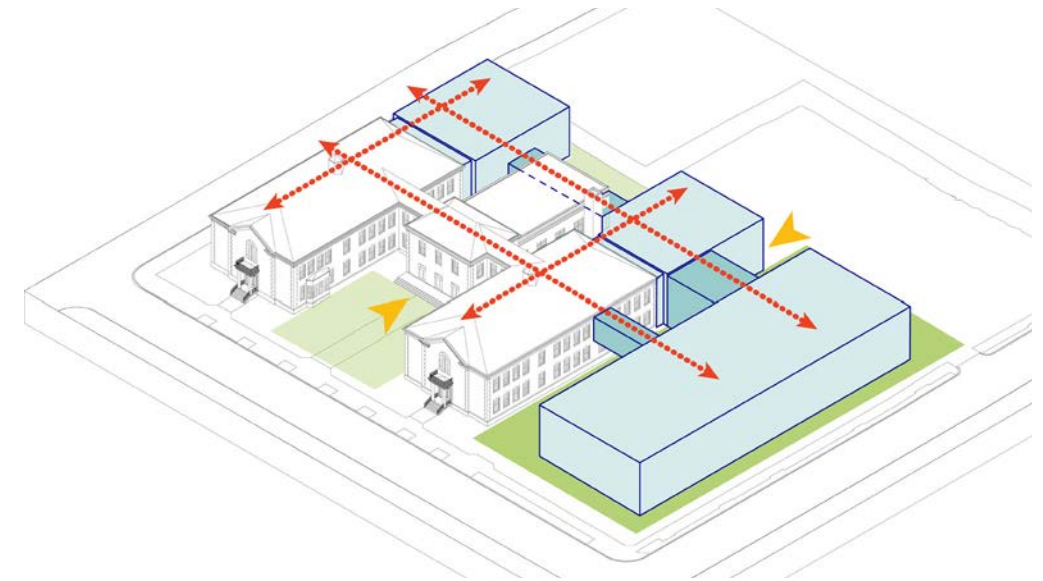
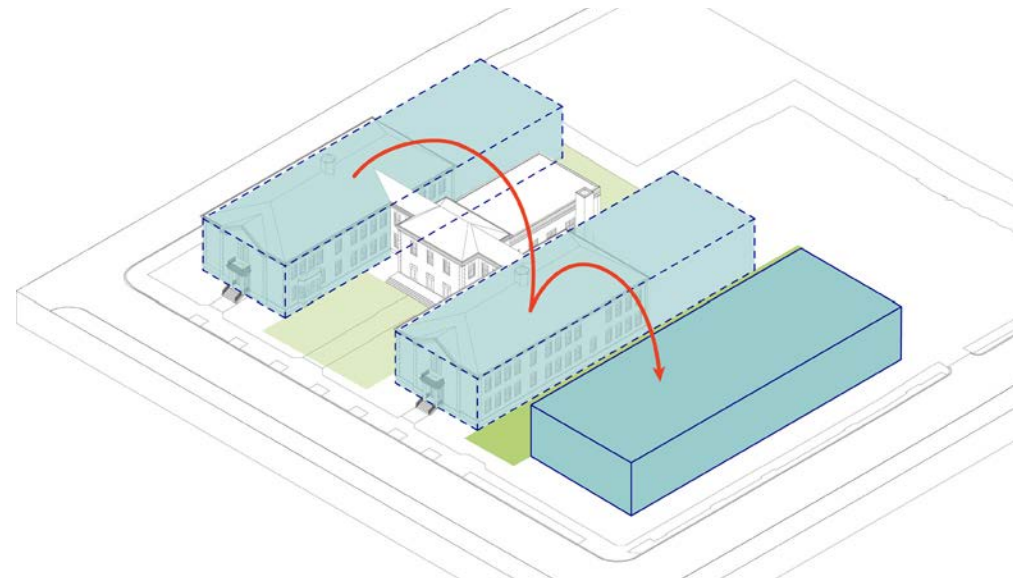
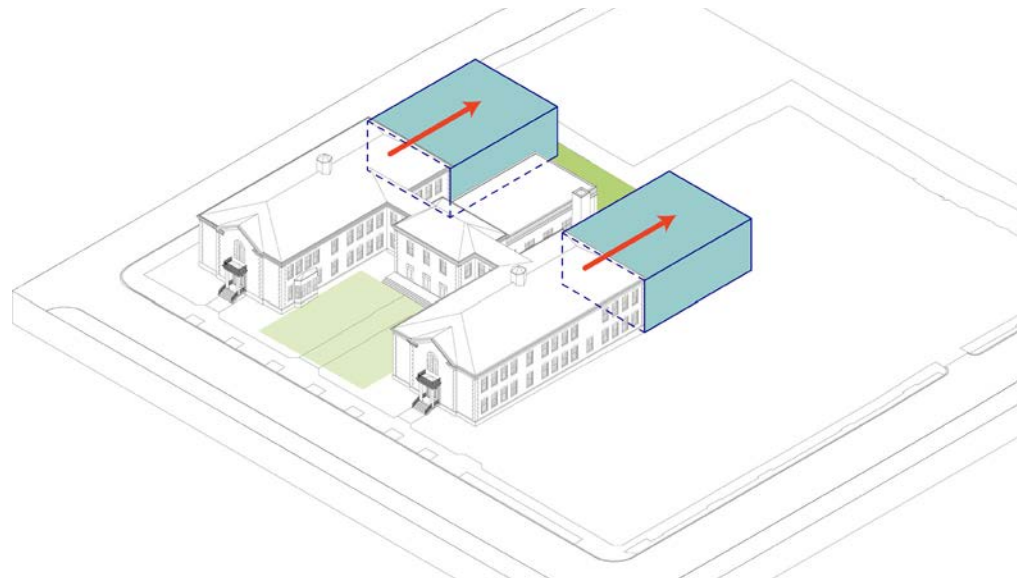
ACCESS TO ART

ESSENTIAL SPACE/FACILITIES

EQUITABLE ACCESSIBILITY

ACCESS TO NUTRITIOUS MEALS

SAFETY AND WELLBEING



Rehabilitation of Aging Structures and Thoughtful Additions

ACCESS TO GREEN SPACE

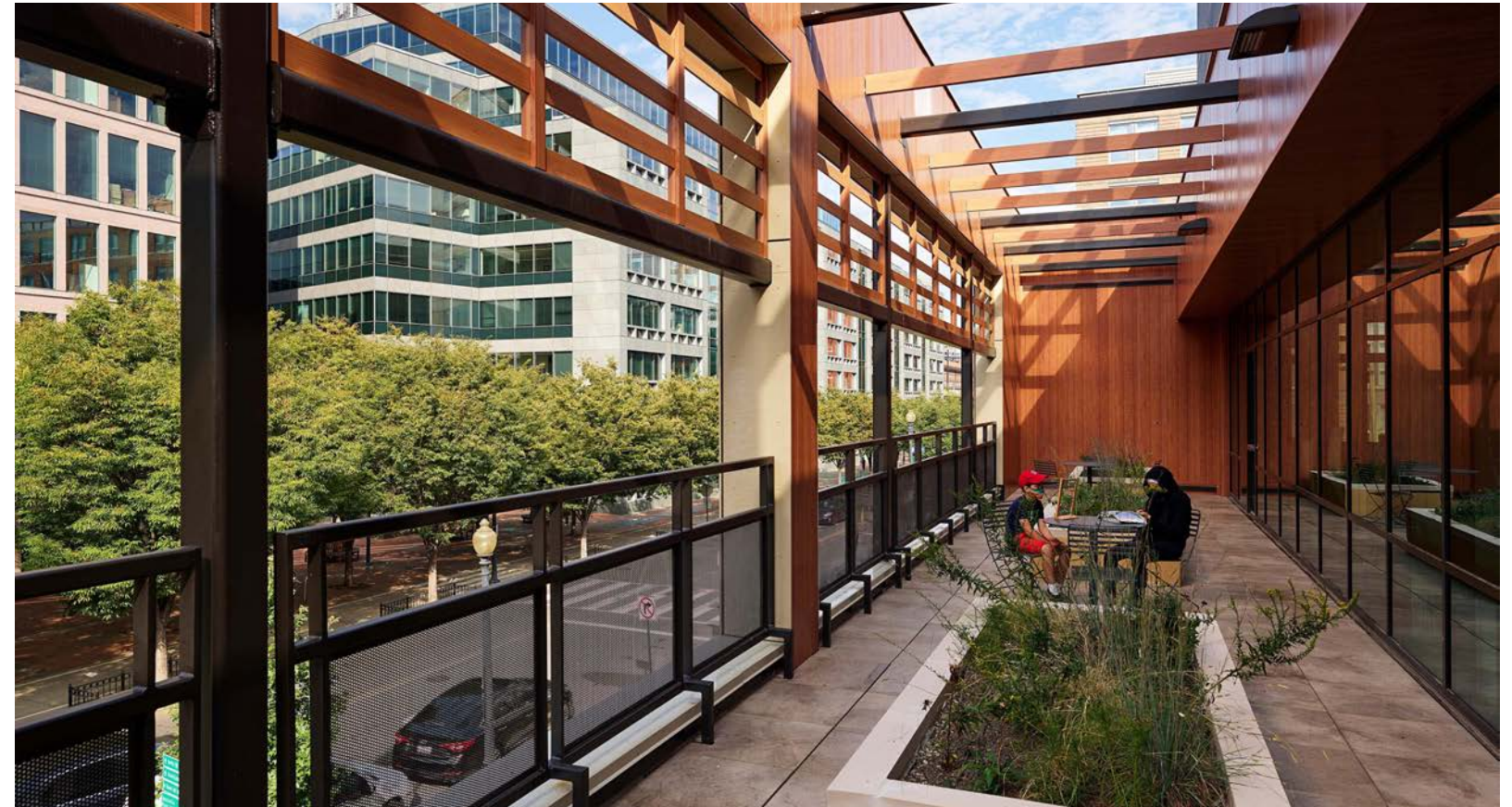
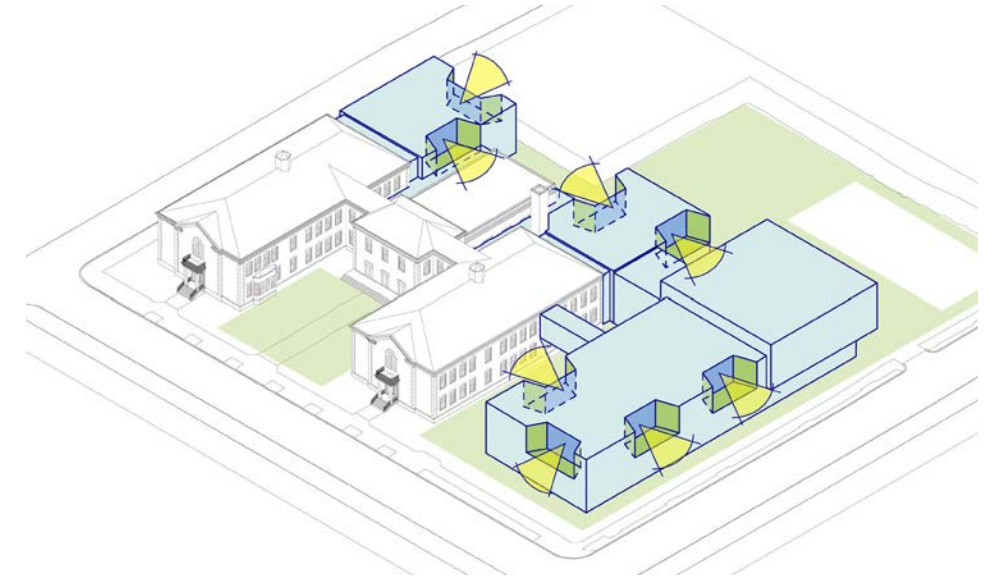
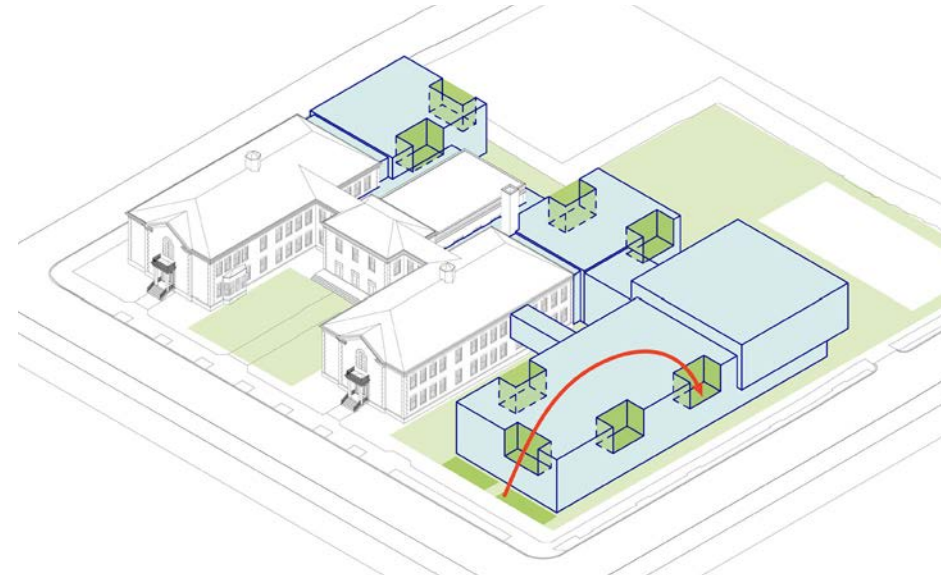
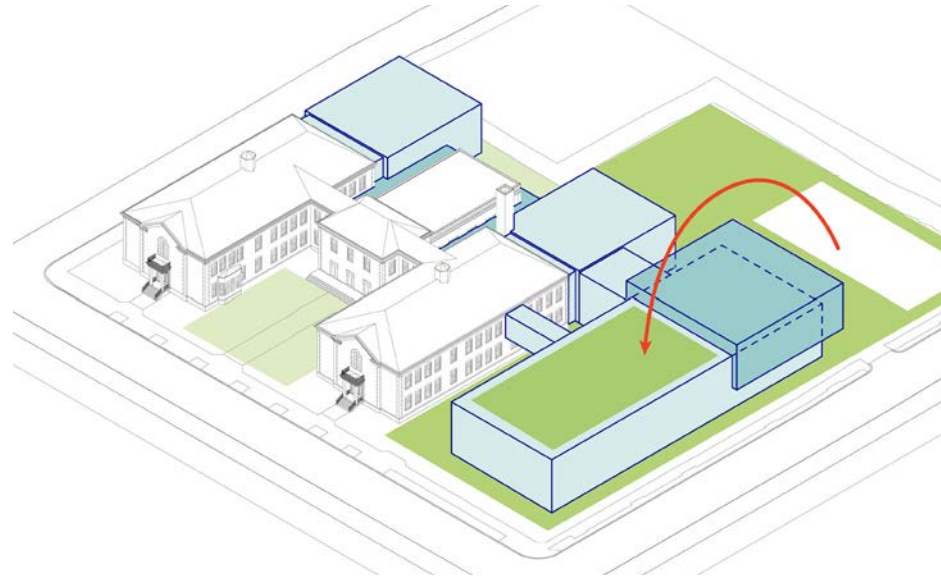
ACCESS TO ART

ESSENTIAL SPACE/FACILITIES

EQUITABLE ACCESSIBILITY

ACCESS TO NUTRITIOUS MEALS

SAFETY AND WELLBEING





TWO HOUR
PARKING
7AM - 8:30PM
←
ZONE 6 PERMIT
REQUIRED - ACCEPTED

A Robust Art Program

ACCESS TO ART

SAFETY AND WELLBEING

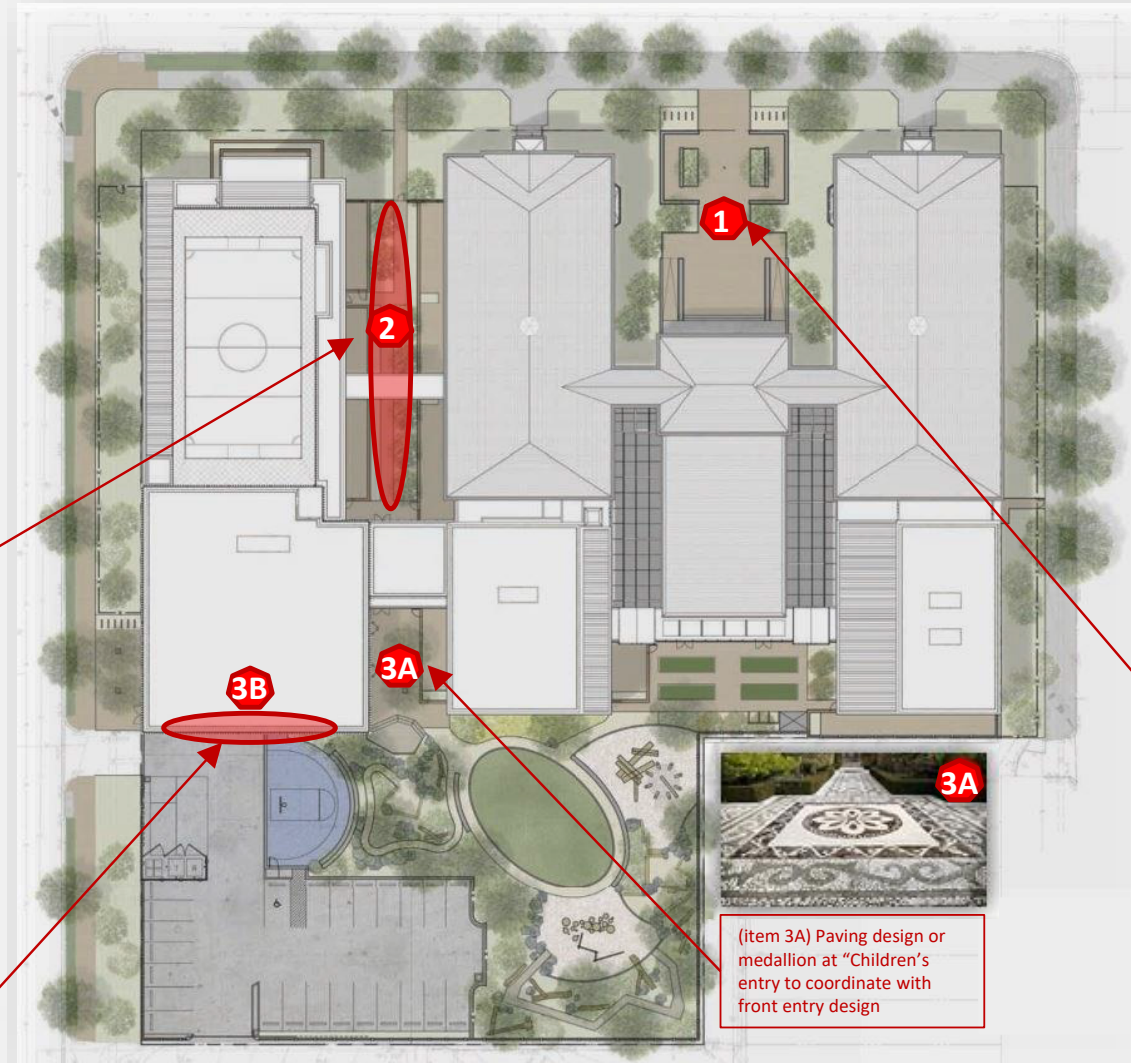
SITE PLAN



(Item 2) interactive play/learning structure(s) /design at grade



(Item 3B) Montessori nature theme mural at site wall- see 1st floorplan



(ITEM 1) CHML theme, Montessori based, entry icon sculpture or medallion at front entry coordinated with medallion at rear entry



(item 3A) Paving design or medallion at "Children's" entry to coordinate with front entry design



A Robust Art Program

ACCESS TO ART

SAFETY AND WELLBEING



Childrens House Entry Mosaic



Main Entry Sculpture

Districtwide Educational Specifications

ACCESS TO GREEN SPACE

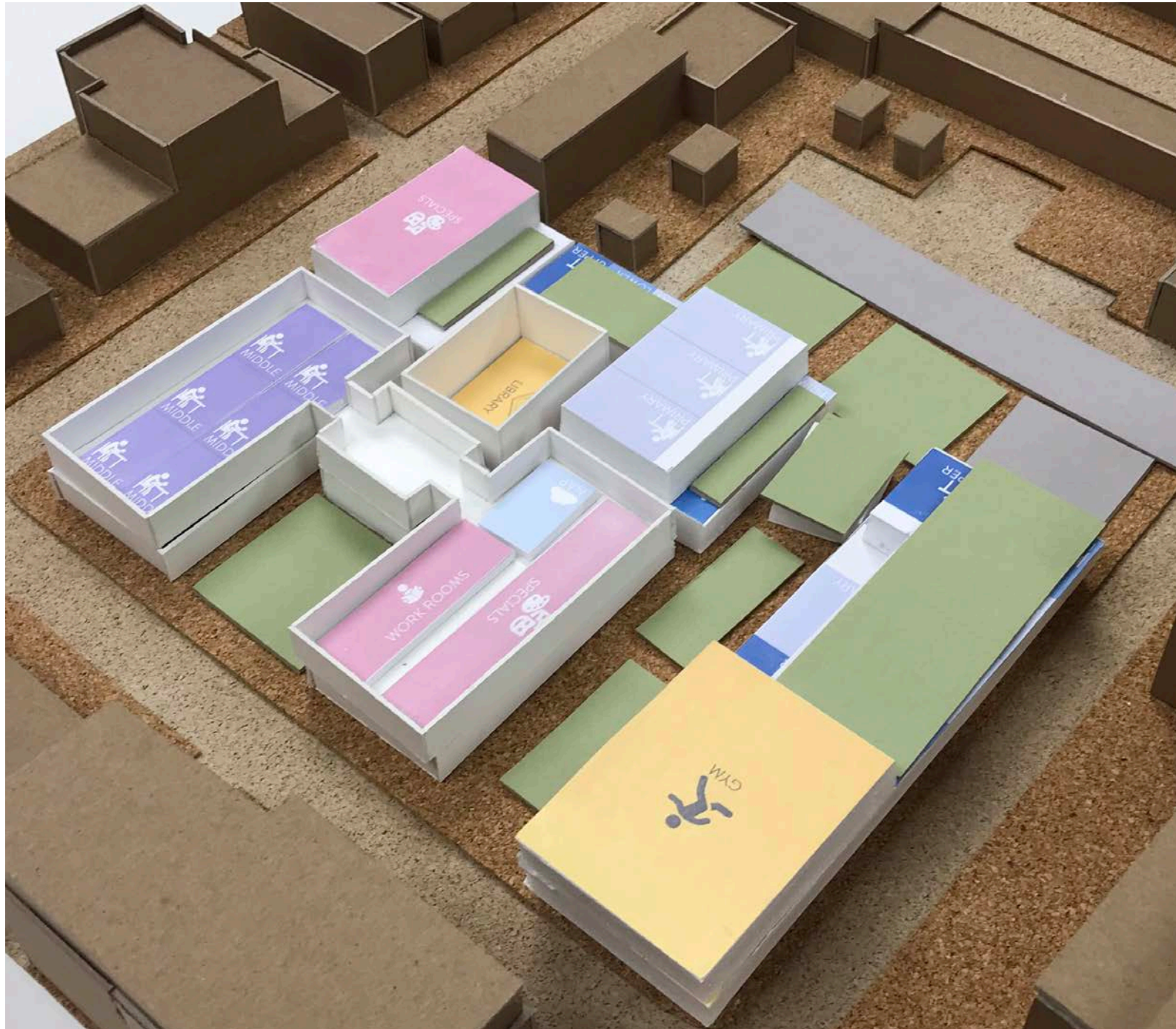
ACCESS TO ART

ESSENTIAL SPACE/FACILITIES

EQUITABLE ACCESSIBILITY

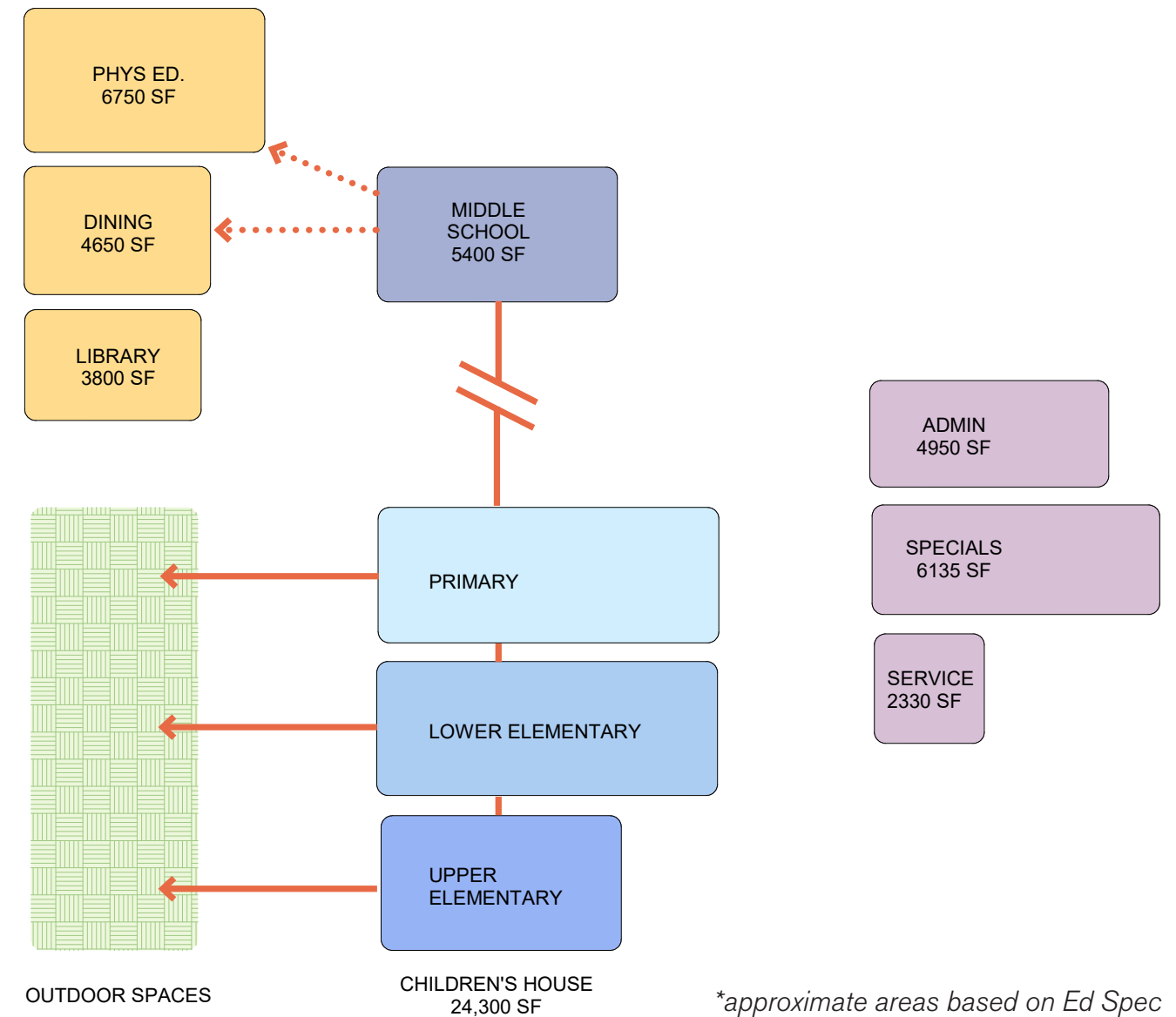
ACCESS TO NUTRITIOUS MEALS

SAFETY AND WELLBEING



SPACE NEEDS

- Original historic GSF = 46,000
- Required SF per Ed Spec = 98,000



Districtwide Educational Specifications

ACCESS TO GREEN SPACE

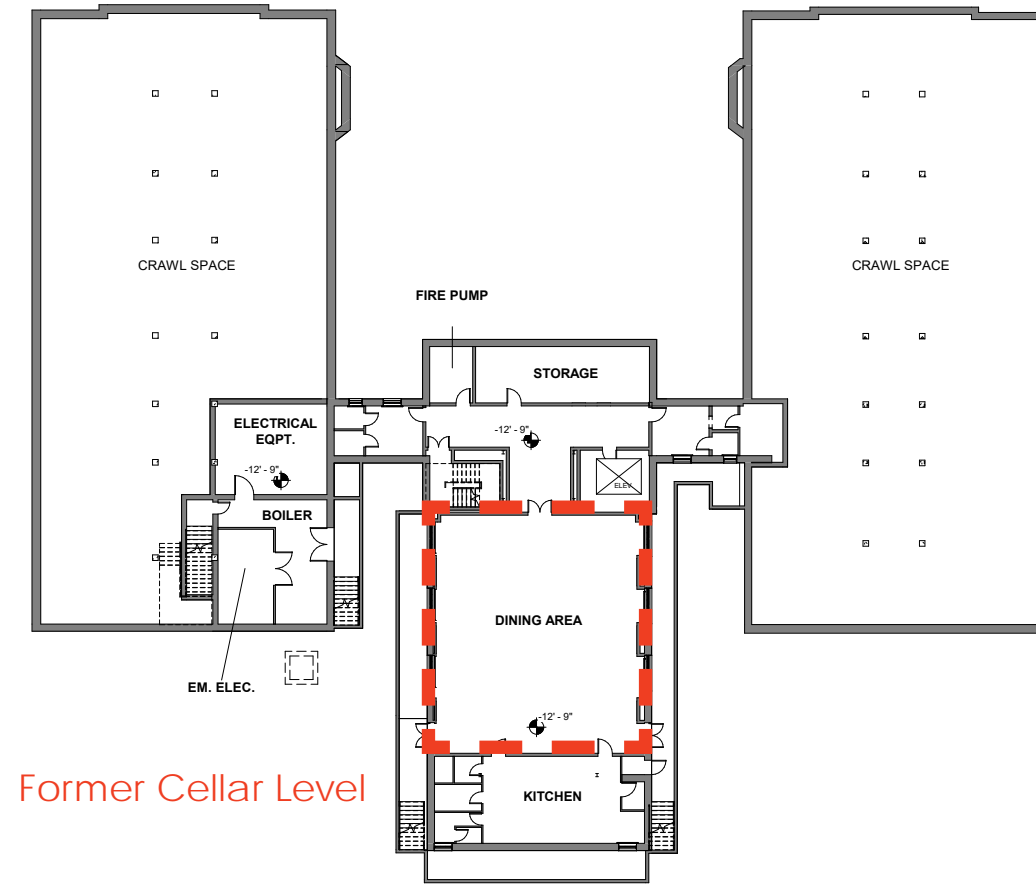
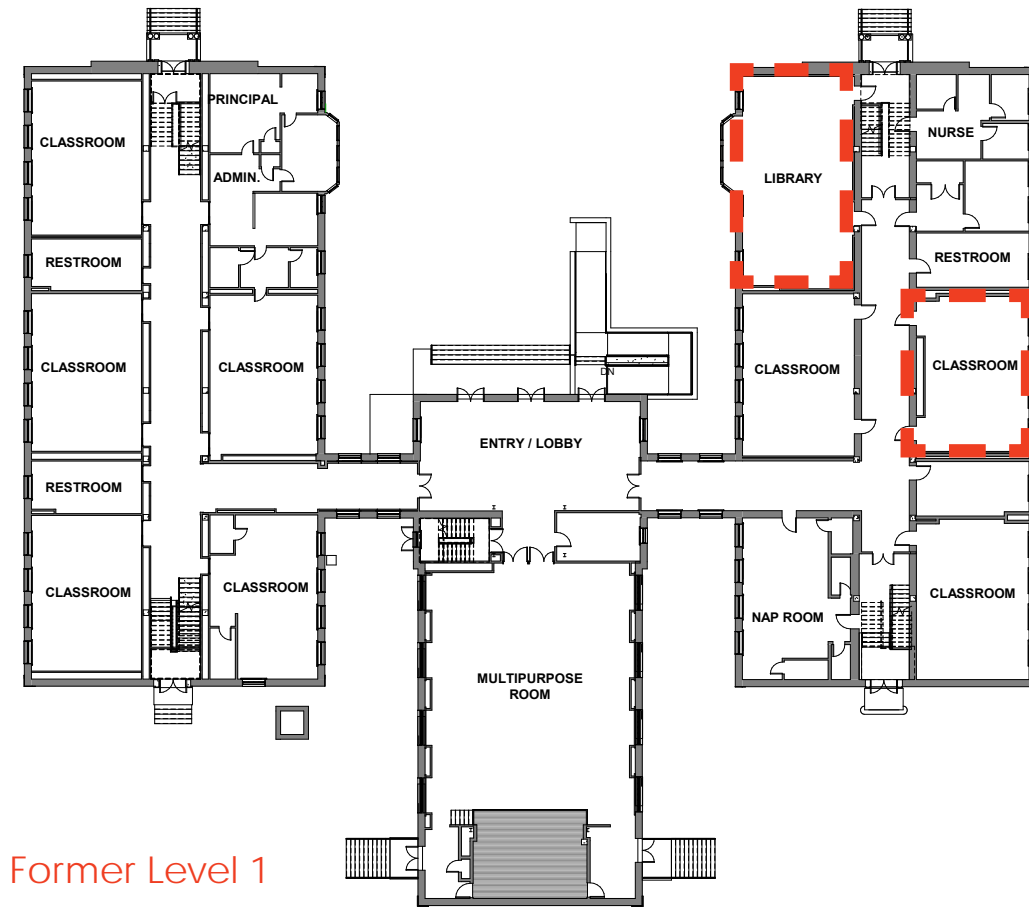
ACCESS TO ART

ESSENTIAL SPACE/FACILITIES

EQUITABLE ACCESSIBILITY

ACCESS TO NUTRITIOUS MEALS

SAFETY AND WELLBEING



SPACE NEEDS

- Existing classroom sizes = **800 SF**
- Required CH classroom size = **1025 sf**
- Required MS classroom size = **850 sf**
- Existing library size = **1100 SF**
- Required library size = **3950 sf**



Districtwide Educational Specifications

ACCESS TO GREEN SPACE

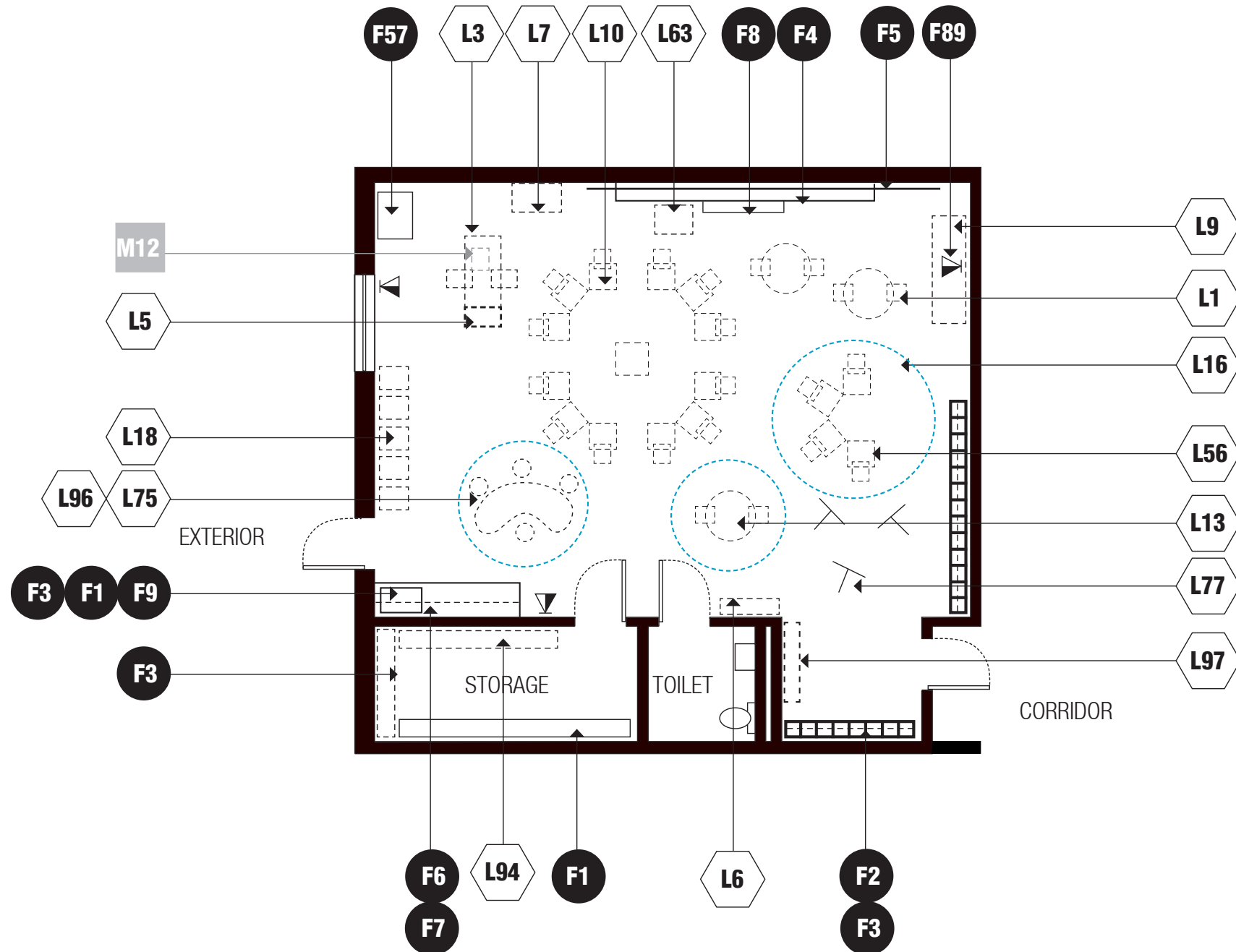
ACCESS TO ART

ESSENTIAL SPACE/FACILITIES

EQUITABLE ACCESSIBILITY

ACCESS TO NUTRITIOUS MEALS

SAFETY AND WELLBEING



● LEGEND ///

fixed furnishings

- F1 base/wall cabinets and shelving (12-24 LF above and below sinks, lockable)
- F2 student cubbies (24-30, 11"W x 13"D x 12"H, can double stack as long as they remain at student height)
- F3 wall shelving (30"-36" height, lockable)
- F4 marker board (6 LF minimum)
- F5 tackable/magnetic wall surface (6 LF minimum)
- F6 soap dispenser
- F7 towel dispenser
- F8 wall-mounted interactive electronic presentation device
- F9 classroom sink with bubbler
- F57 30" itinerant / aid station
- F89 data drop



loose furnishings

- L1 stackable/nesting chairs (25)

- L2 stackable/nesting tables (4-5)
- L3 teacher work surface with mobile storage and two chairs
- L5 four drawer lateral file cabinet
- L6 mobile shelving (various)
- L7 teacher's lockable wardrobe (18"x18")
- L9 sand/water table, kitchen, art cart, etc.
- L16 bound group rug (1)
- L18 lounge chairs (5)
- L63 resource media cart (optional)
- L75 kidney table
- L94 flat storage
- L96 kidney table stool (3-5)
- L97 bookcase (25 LF)

AV & IT equipment

- M12 laptop computer

E-ACA-2 /// EARLY CHILDHOOD / MONTESSORI

Districtwide Educational Specifications

ACCESS TO GREEN SPACE

ACCESS TO ART

ESSENTIAL SPACE/FACILITIES

EQUITABLE ACCESSIBILITY

ACCESS TO NUTRITIOUS MEALS

SAFETY AND WELLBEING



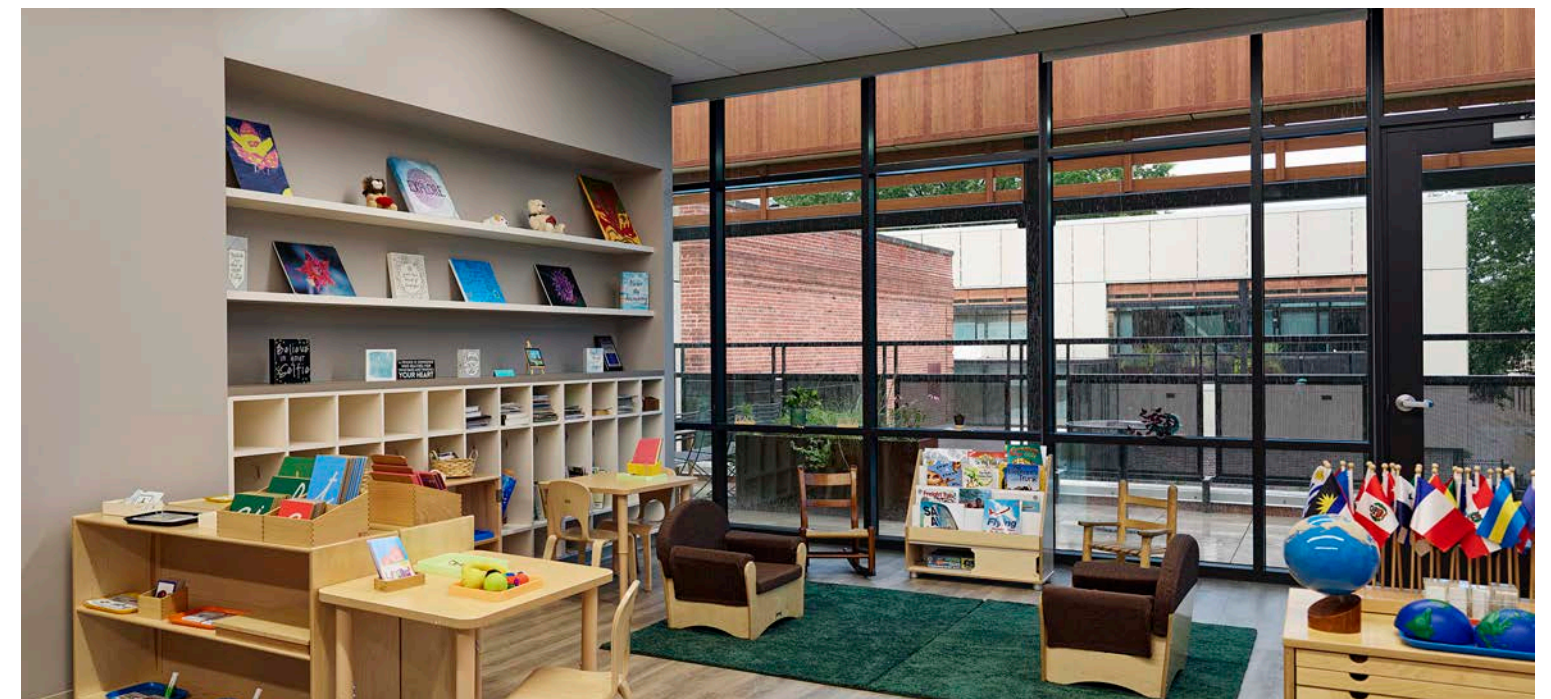
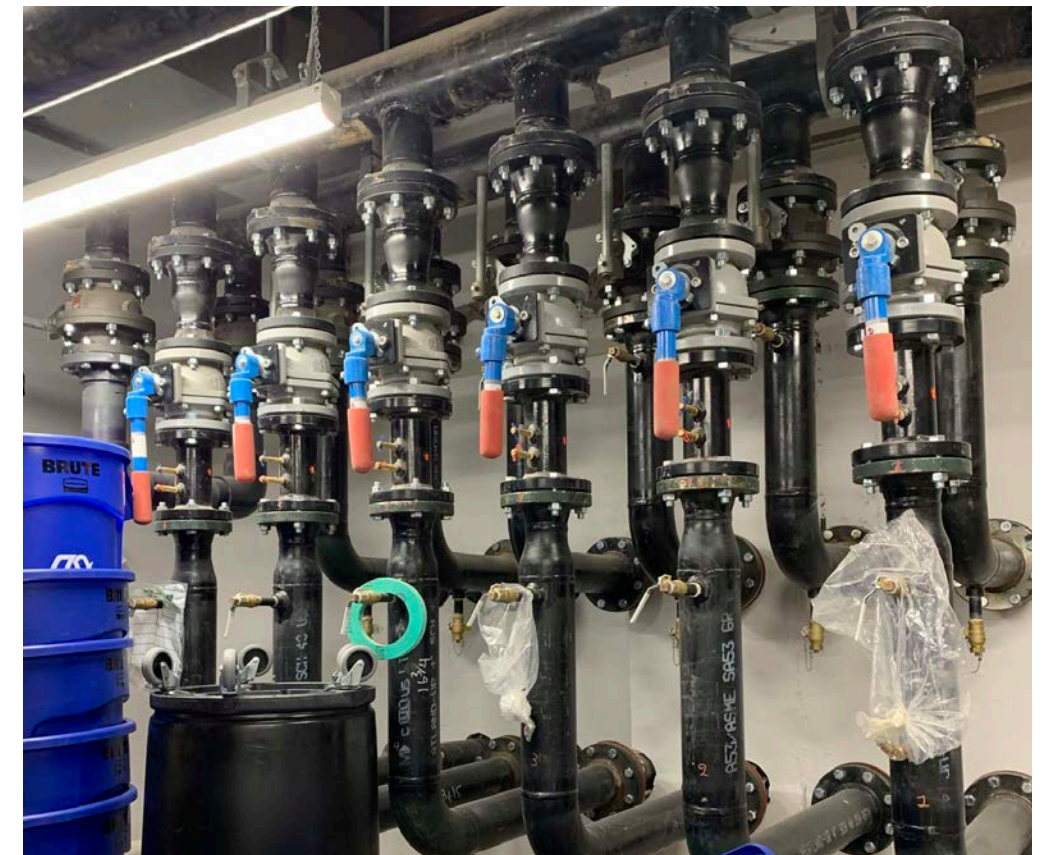
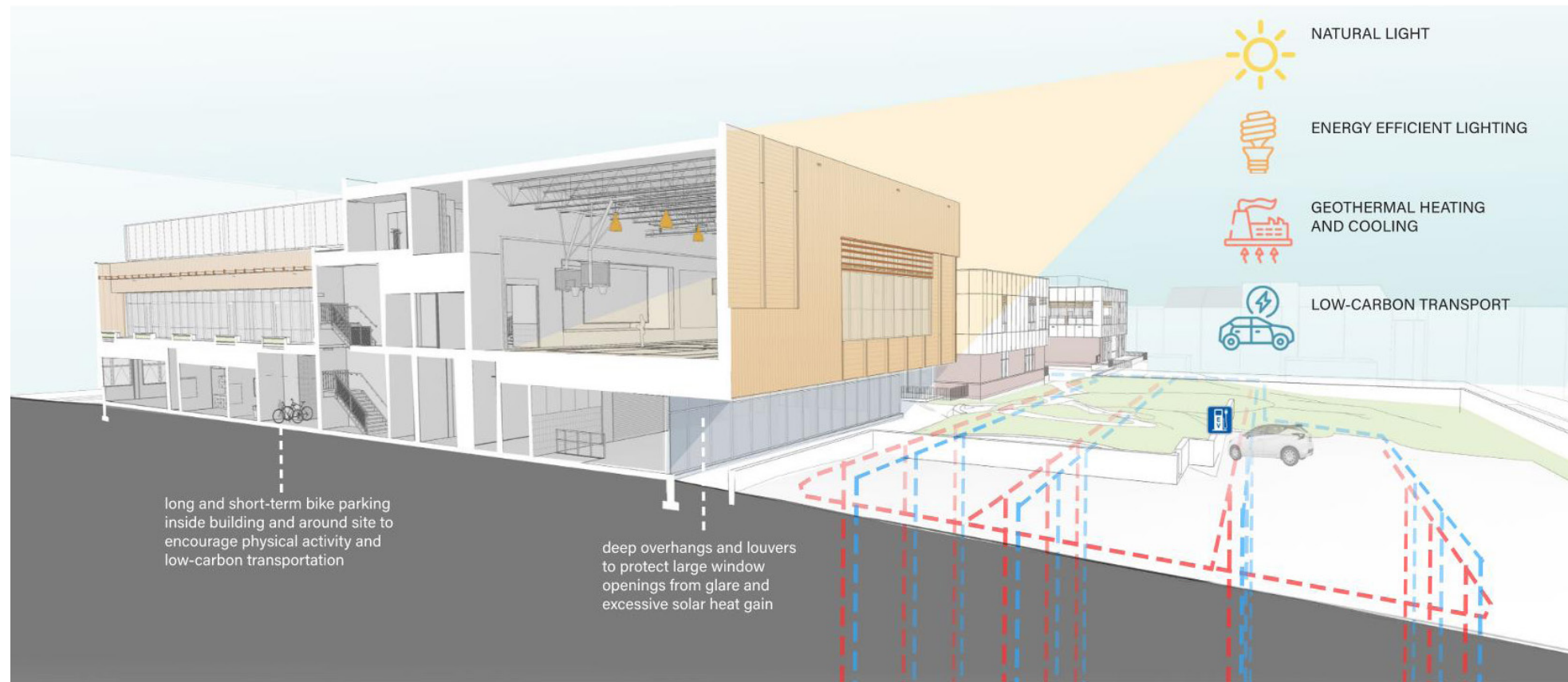
A Commitment to Sustainability

ACCESS TO GREEN SPACE

ESSENTIAL SPACE/FACILITIES

SAFETY AND WELLBEING

PROMOTING HEALTH AND EQUITABLE ACCESS THROUGH SUSTAINABILITY



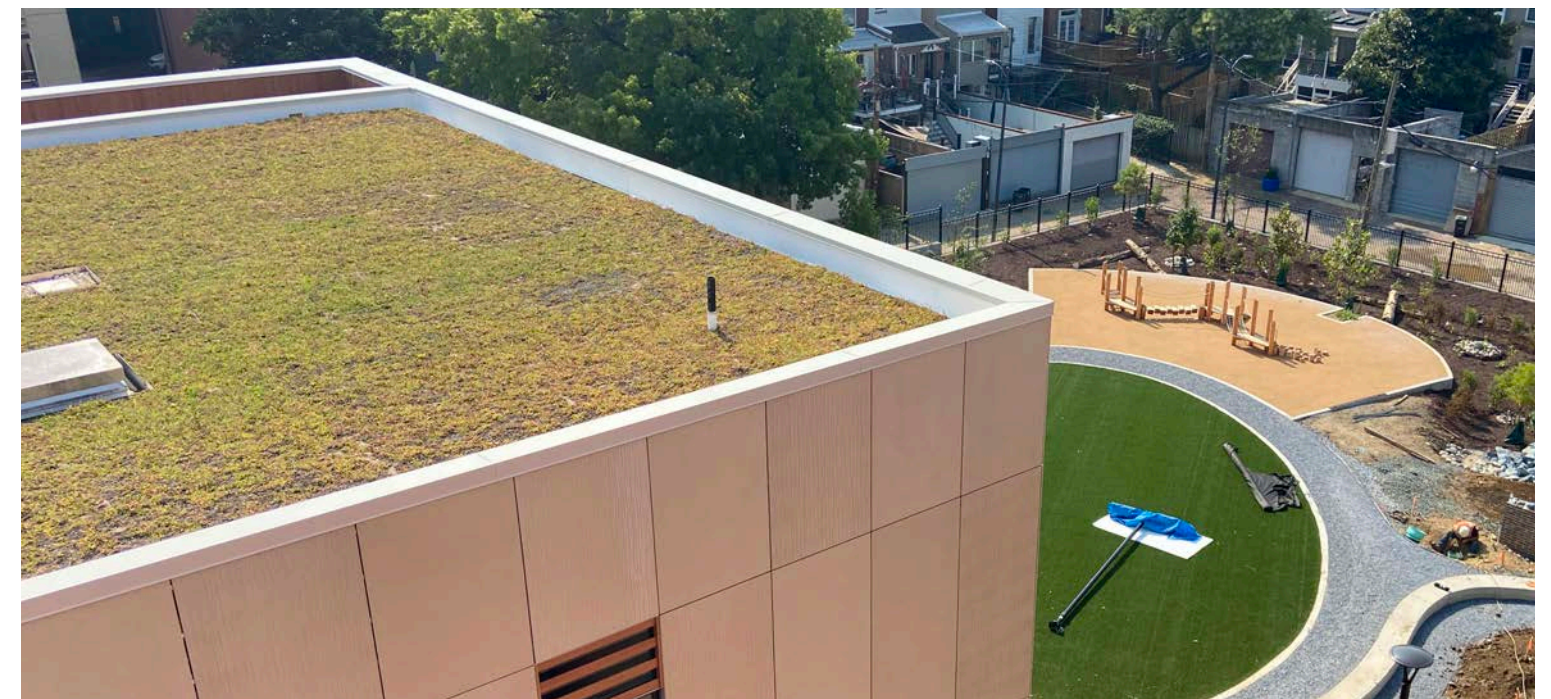
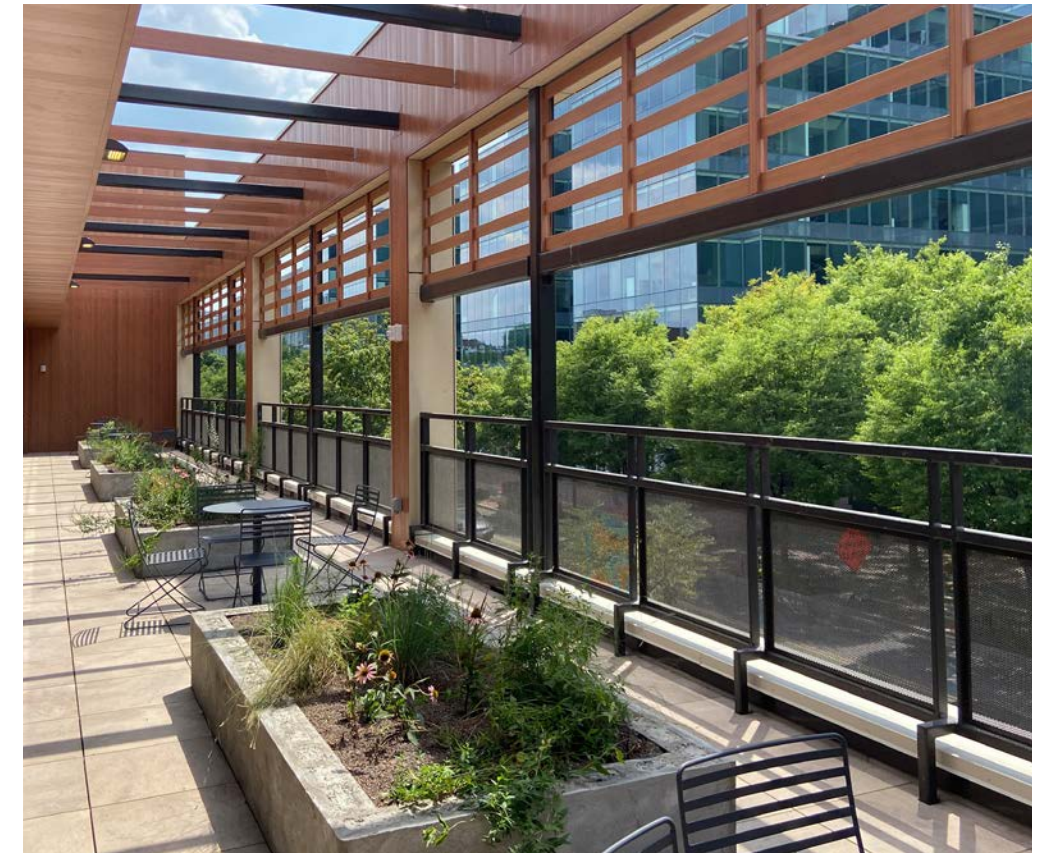
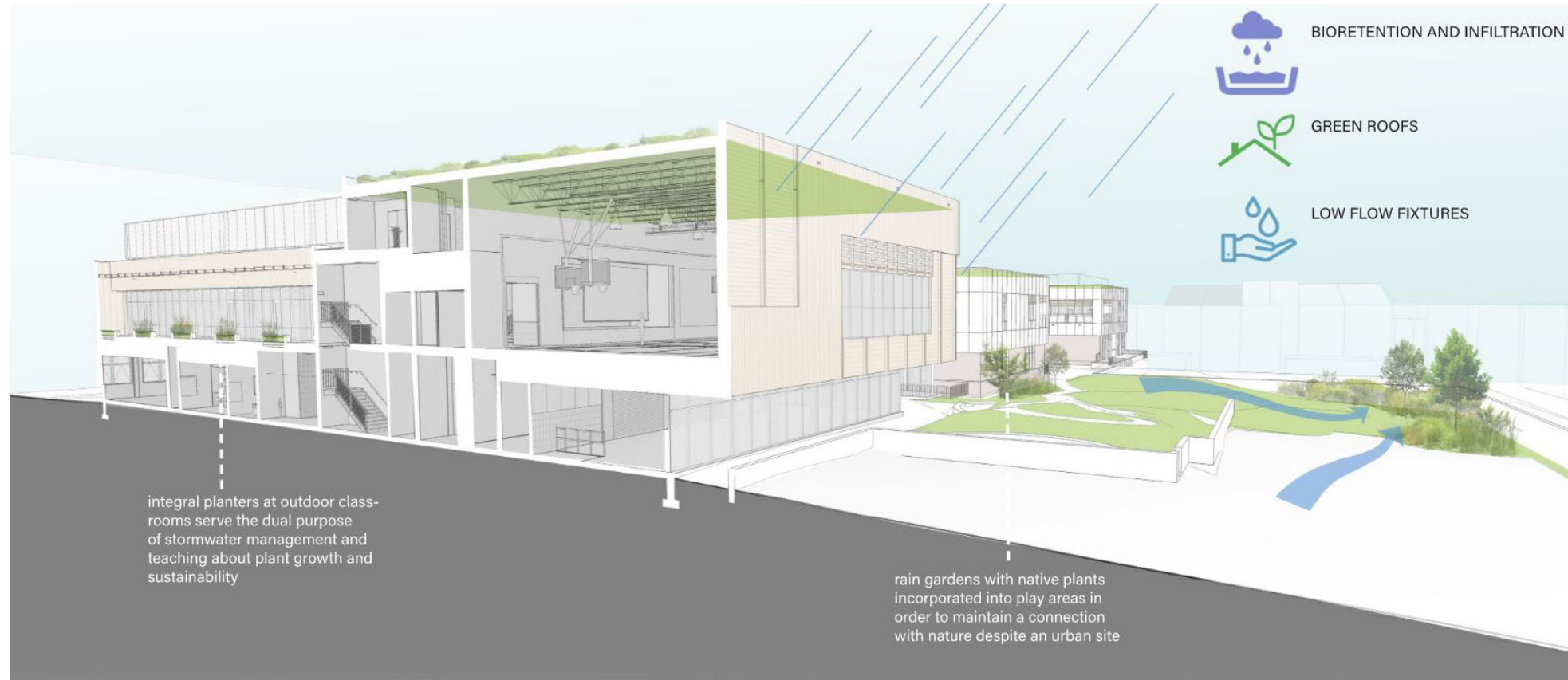
A Commitment to Sustainability

ACCESS TO GREEN SPACE

ESSENTIAL SPACE/FACILITIES

SAFETY AND WELLBEING

MAKING STORMWATER MANAGEMENT BOTH A DESIGN AND TEACHING ELEMENT





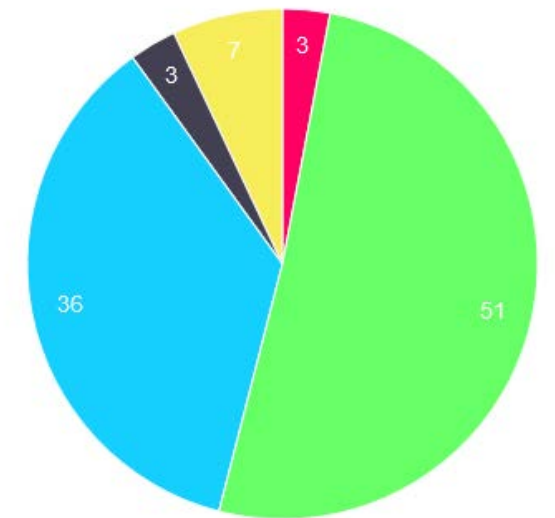


3

OYSTER-ADAMS EDUCATION

DEMOGRAPHICS

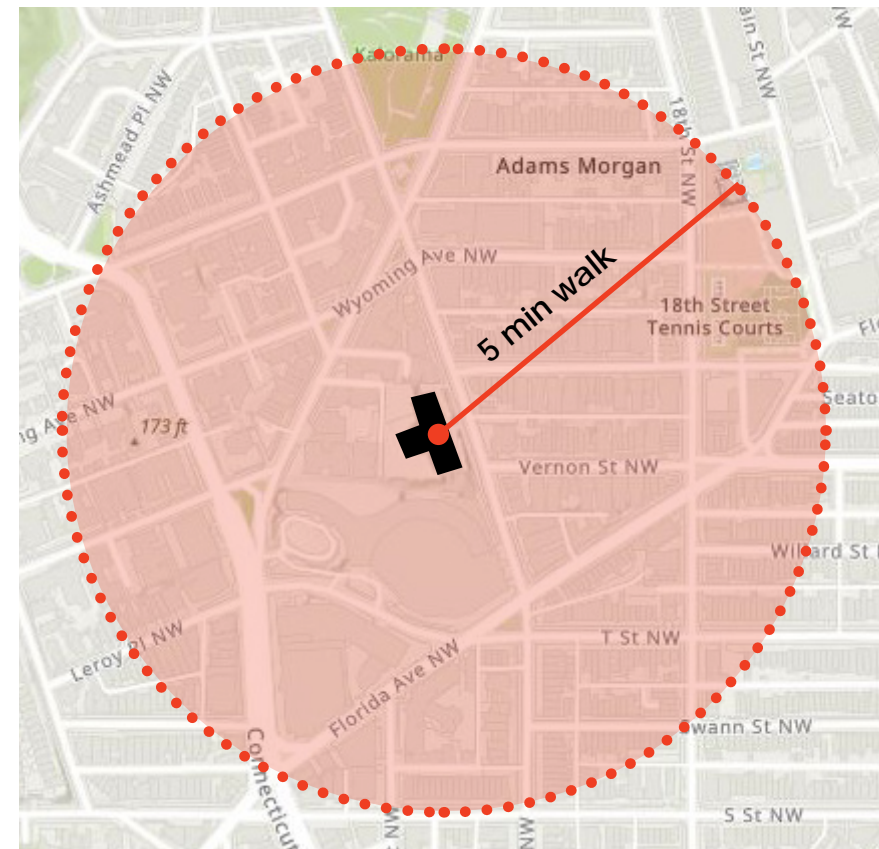
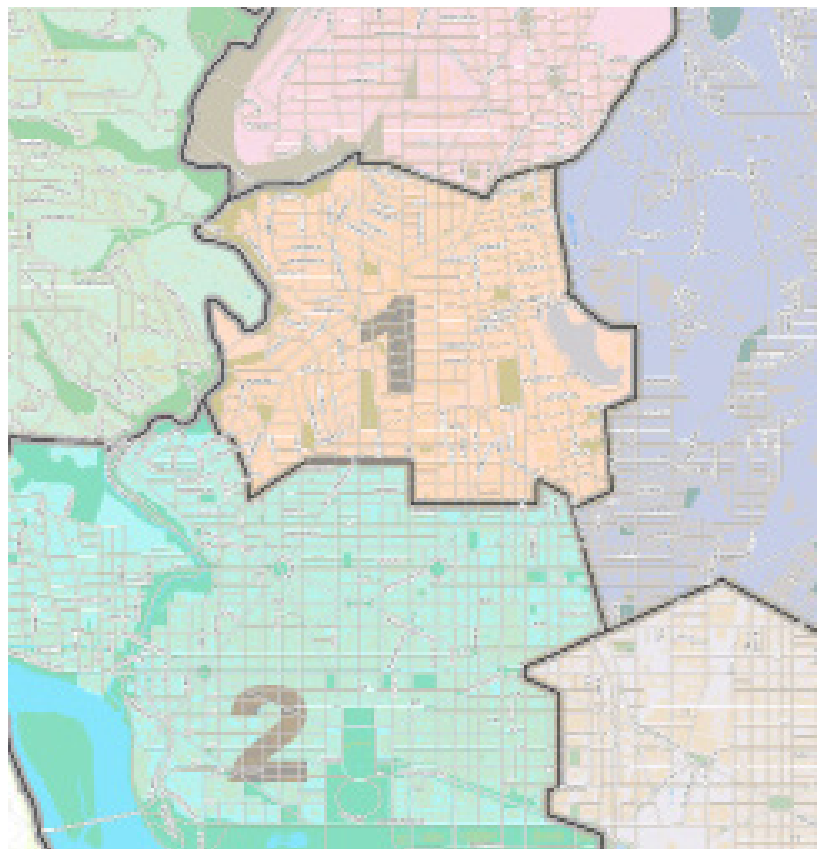
- 3% Black
- 51% Hispanic/Latino
- 36% White
- 3% Asian
- 7% Multiple Race
- 8.2% at risk (homeless, low-income, foster family)



SCHOOL PROGRAMS:

- Before/After School Care
- Bilingual Program

Adams Education Campus



Indicator Scorecard

ACCESS TO GREEN SPACE

1 → 3

ACCESS TO ART

3 → 5

ADEQUATE SPACE/FACILITIES

2 → 5

EQUITABLE ACCESSIBILITY

1 → 5

ACCESS TO NUTRITIOUS MEALS

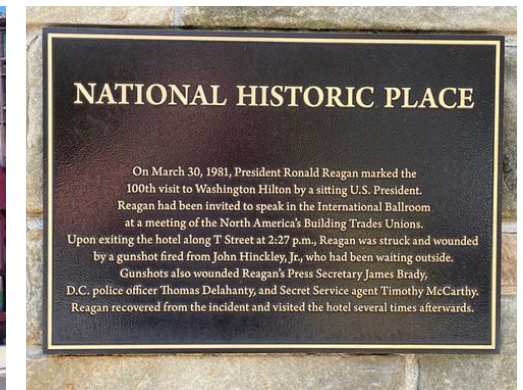
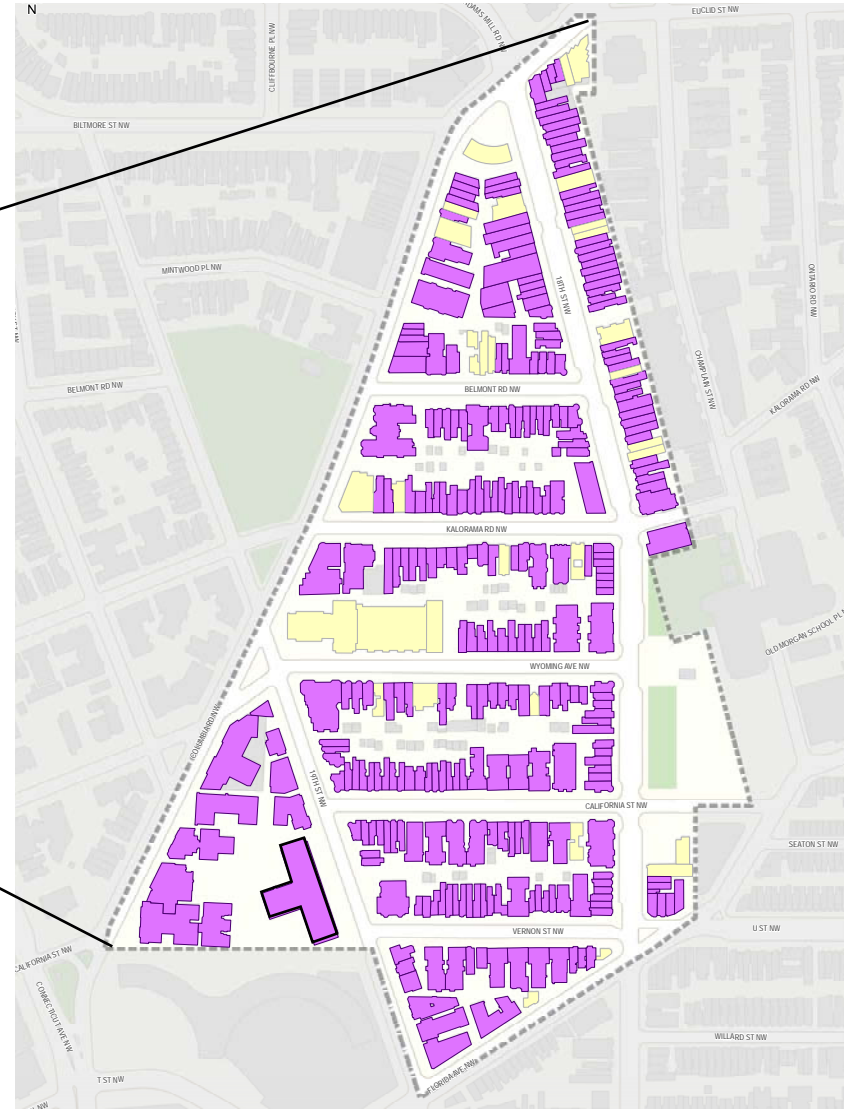
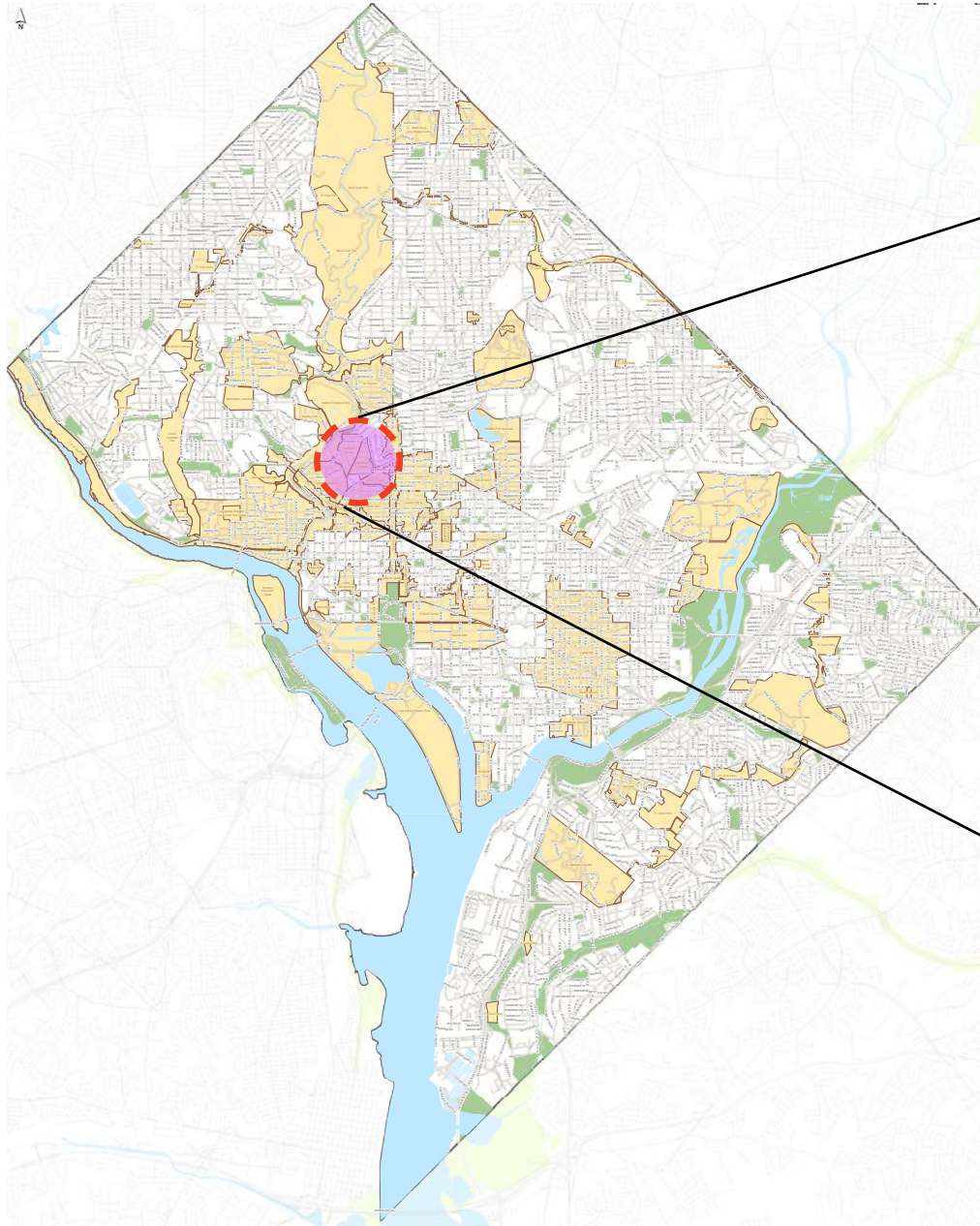
1 → 5

SAFETY AND WELLBEING

3 → 5

Scale from 1 - 5

Adams Education Campus, Adams Morgan Neighborhood

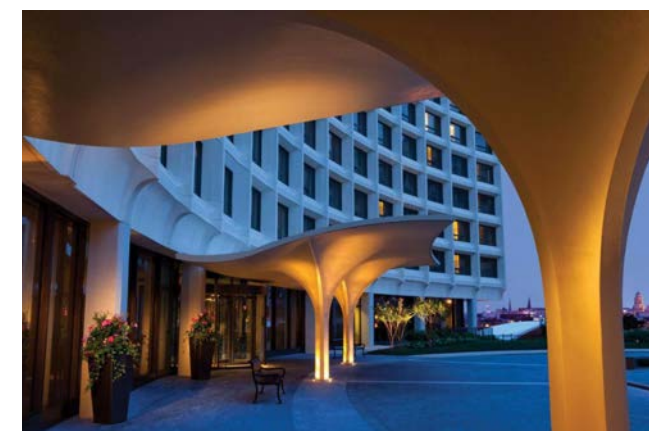
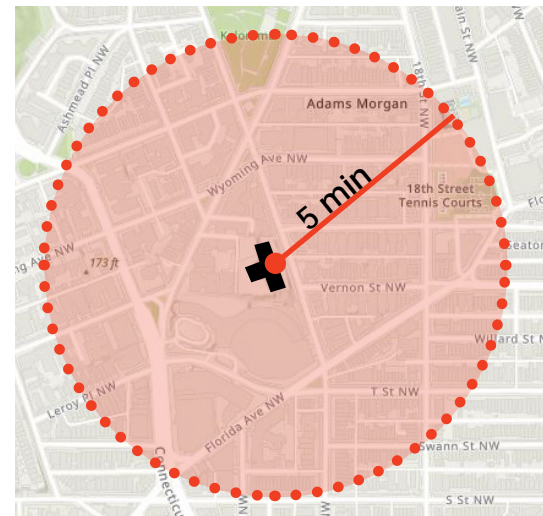
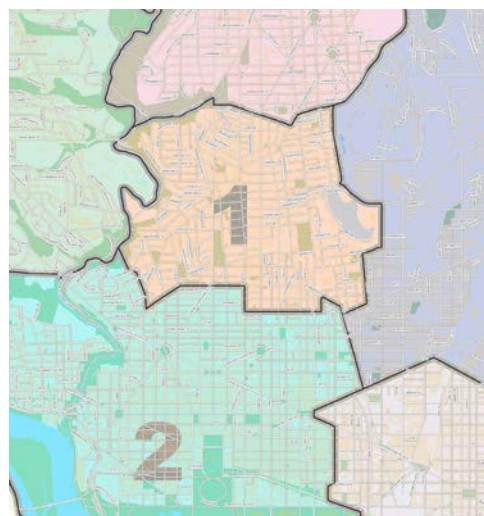


WASHINGTON HEIGHTS HISTORIC DISTRICT

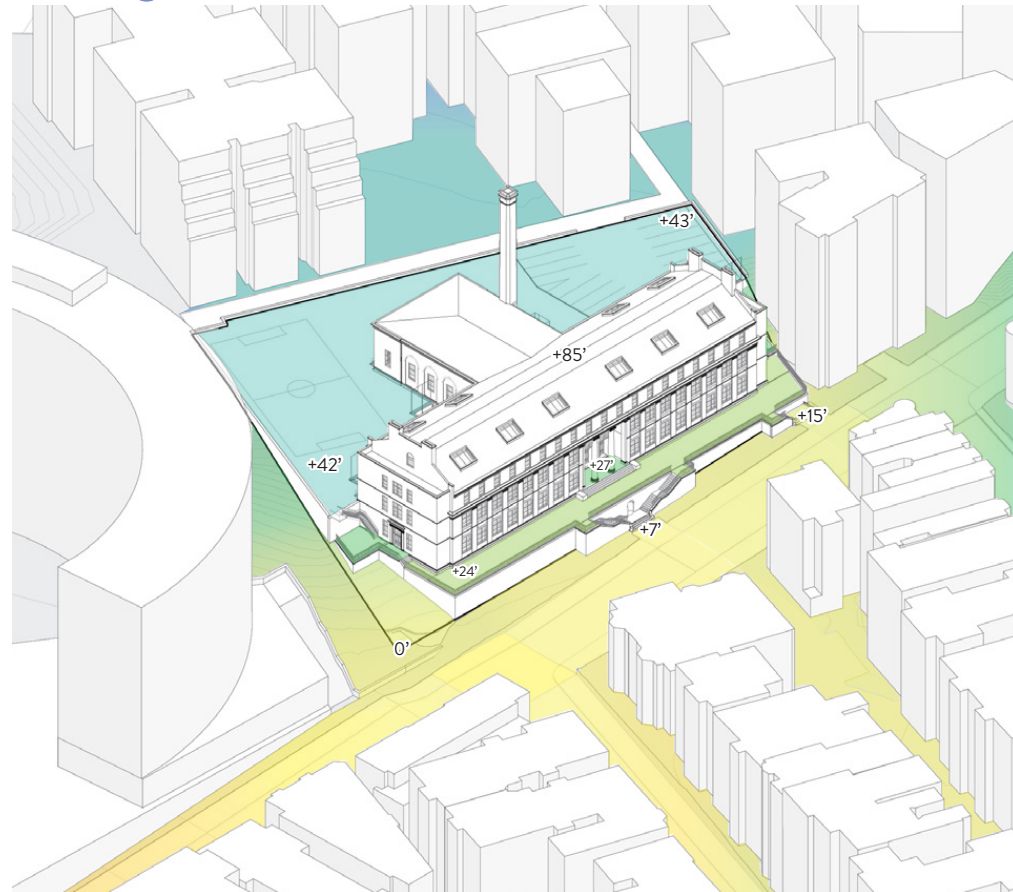
Period of significance that spans 1891-1950

Platted in 1888, the neighborhood features:

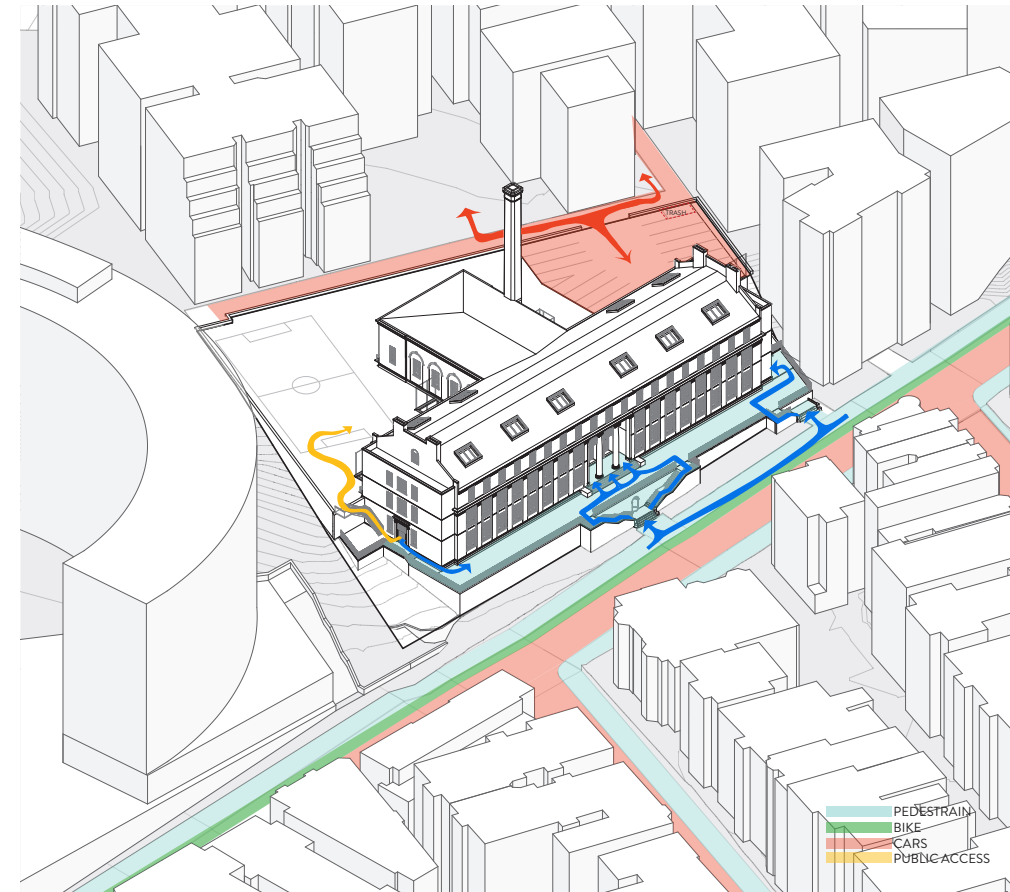
- Intact groups of late 19th-century row houses
- Early-20th century luxury apartments framing larger avenues, and
- Eclectic mix of commercial structures (both purpose built and modified) along both sides of 18th Street



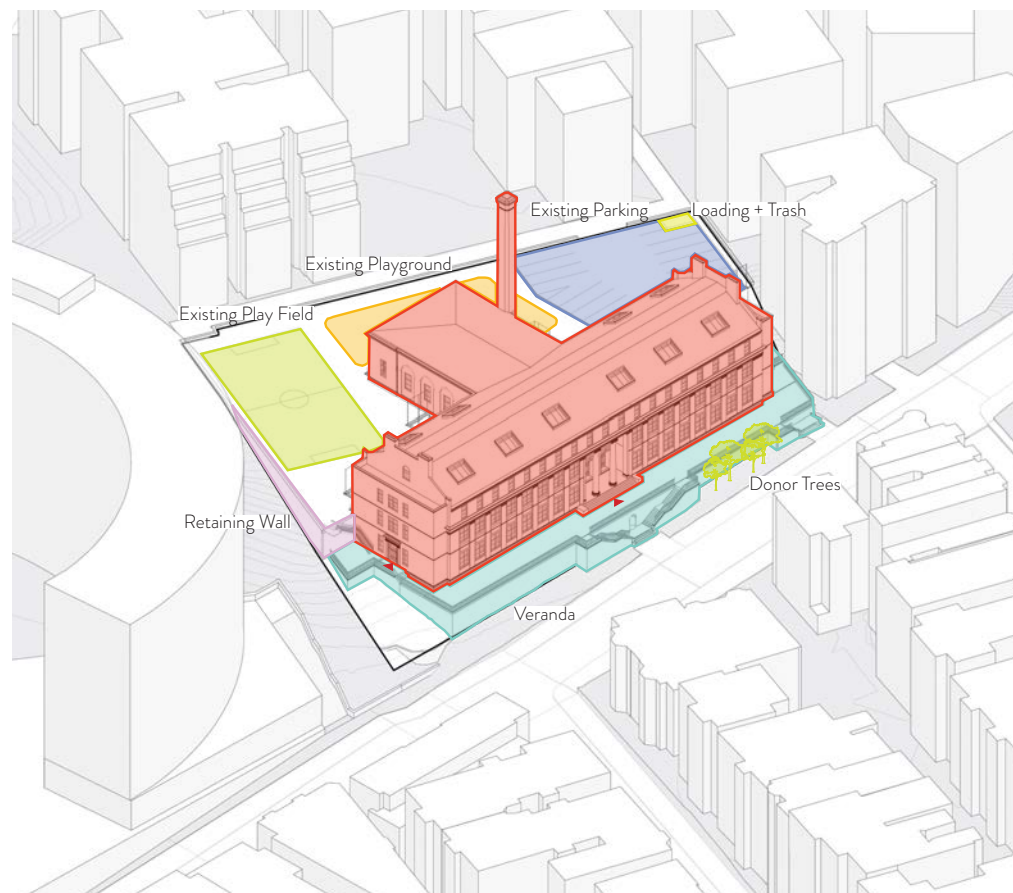
Existing Site Analysis



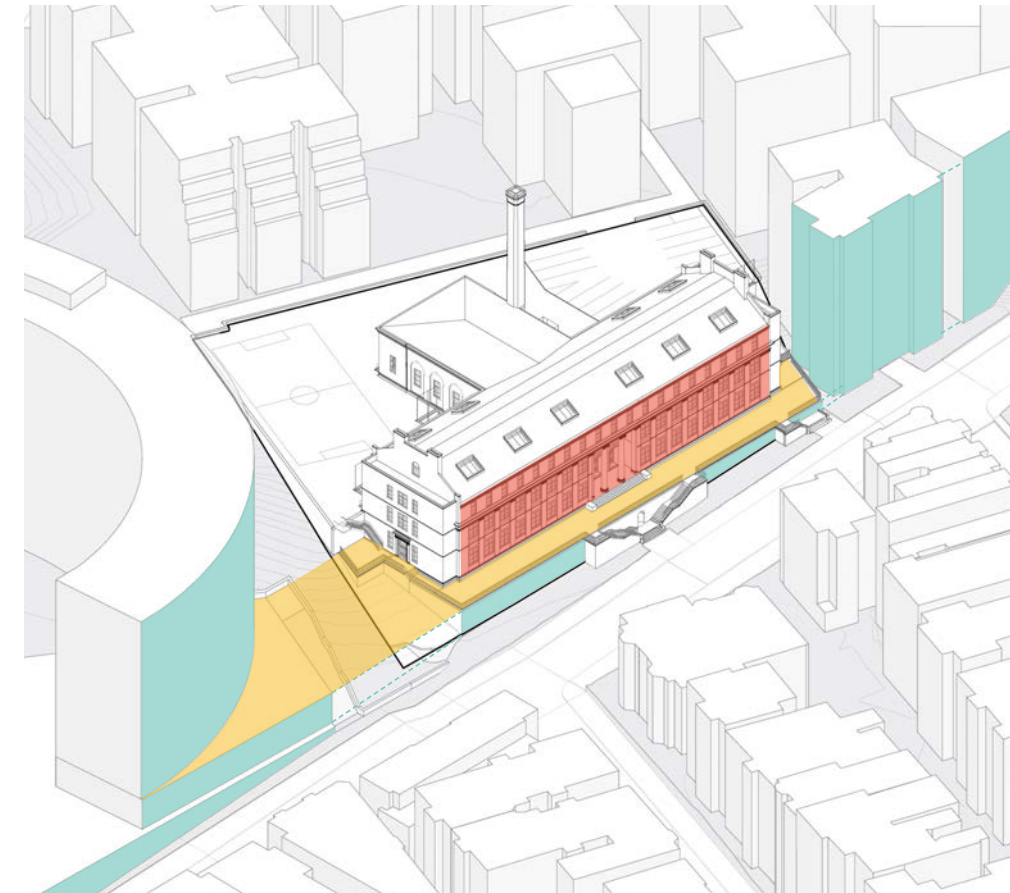
Extreme Topographic Difference



Site Access

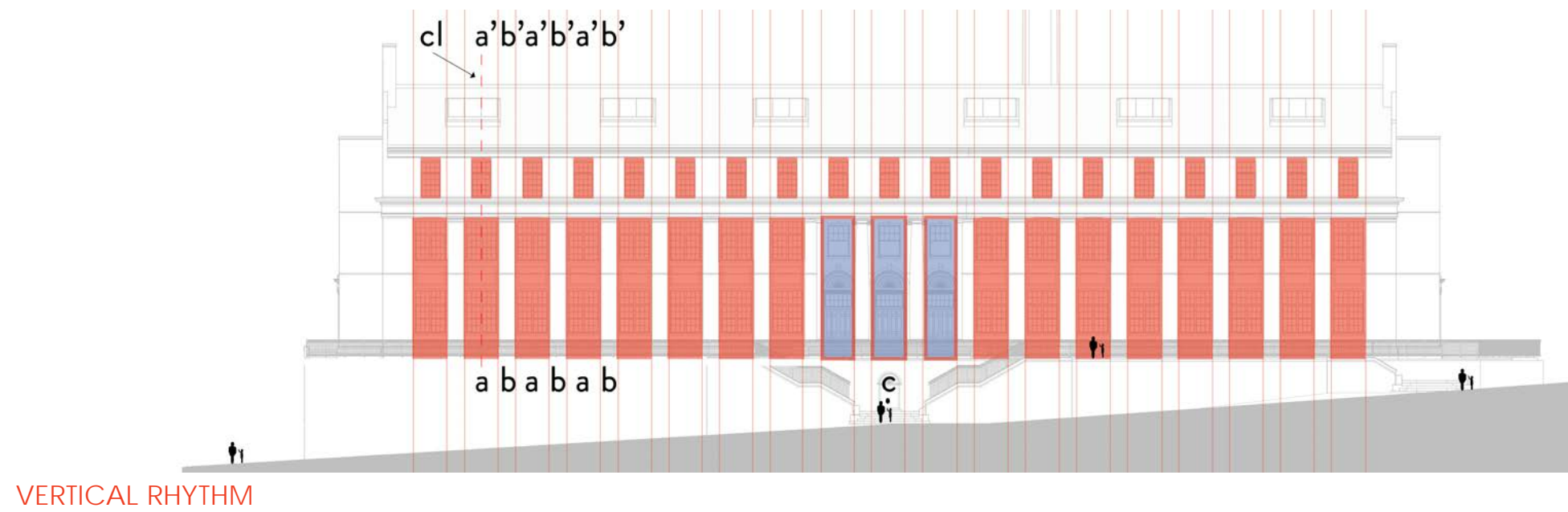
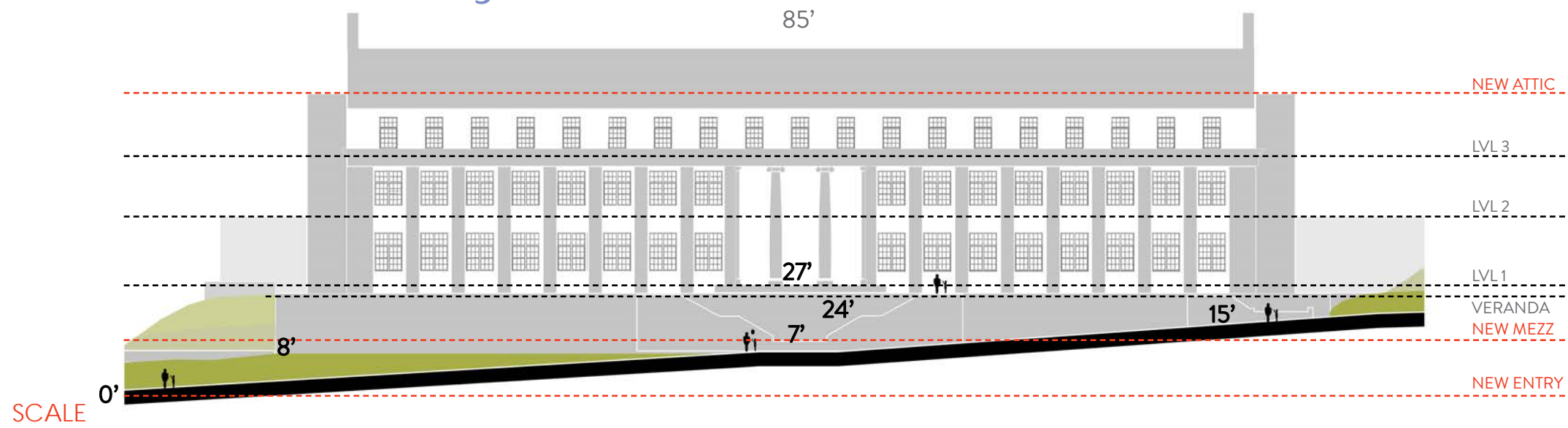


Site Elements

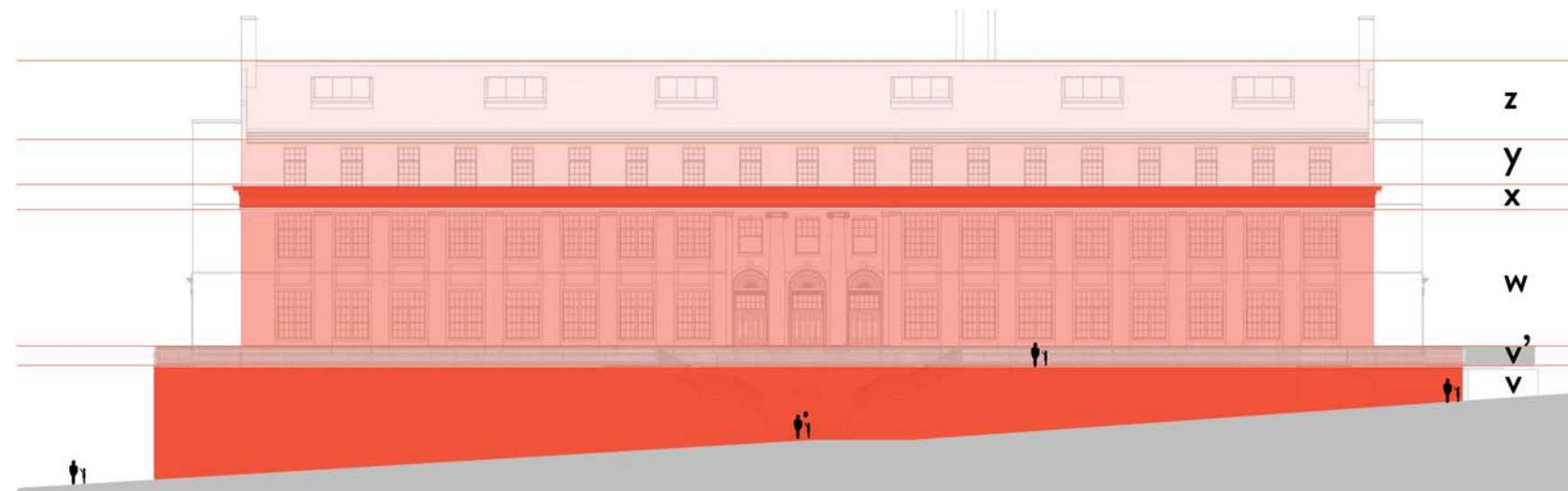


Historic Context Massing Analysis

Existing Historic Facade Analysis



VERTICAL RHYTHM



HORIZONTAL LINES
HISTORIC FACADE ANALYSIS

Rehabilitation of Aging Structures and Thoughtful Additions

ACCESS TO GREEN SPACE

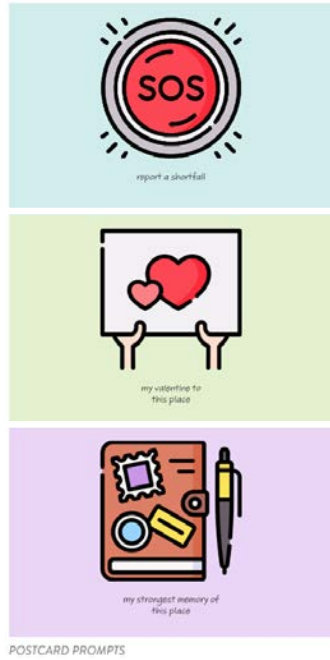
ACCESS TO ART

ESSENTIAL SPACE/FACILITIES

EQUITABLE ACCESSIBILITY

ACCESS TO NUTRITIOUS MEALS

SAFETY AND WELLBEING



Rehabilitation of Aging Structures and Thoughtful Additions

ACCESS TO GREEN SPACE

ACCESS TO ART

ESSENTIAL SPACE/FACILITIES

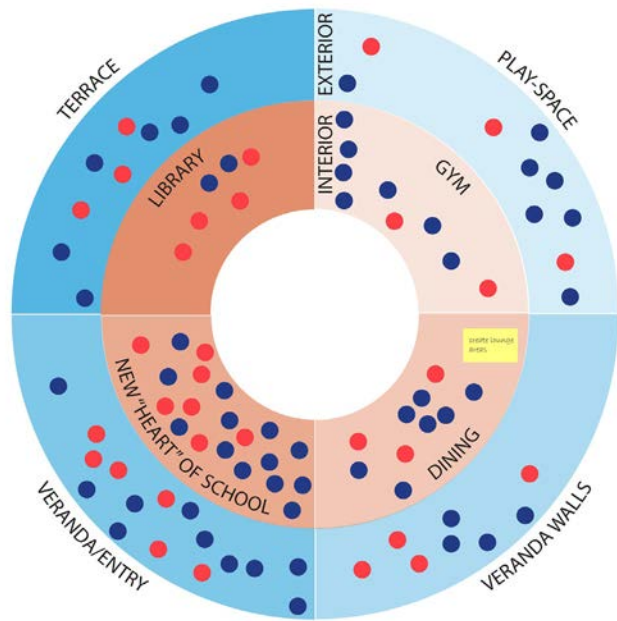
EQUITABLE ACCESSIBILITY

ACCESS TO NUTRITIOUS MEALS

SAFETY AND WELLBEING

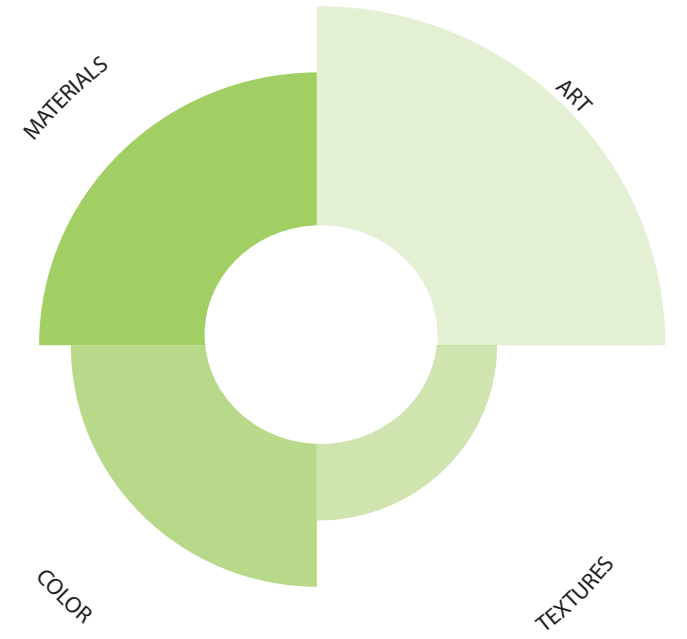
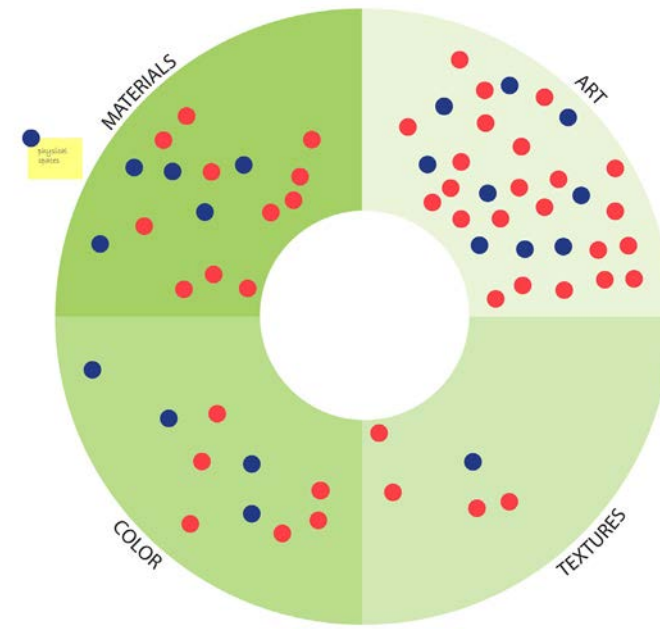
LOCATIONS FOR COMMISSIONED ART - 87 VOTES

Mark with a dot the two most important locations for commissioned art



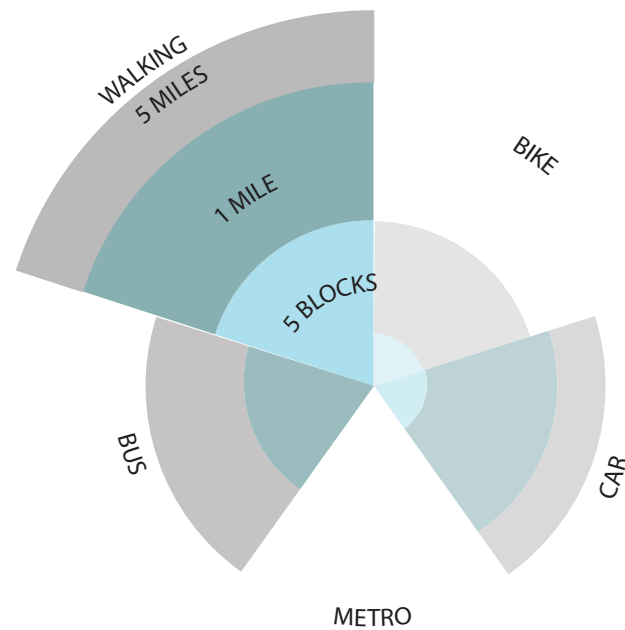
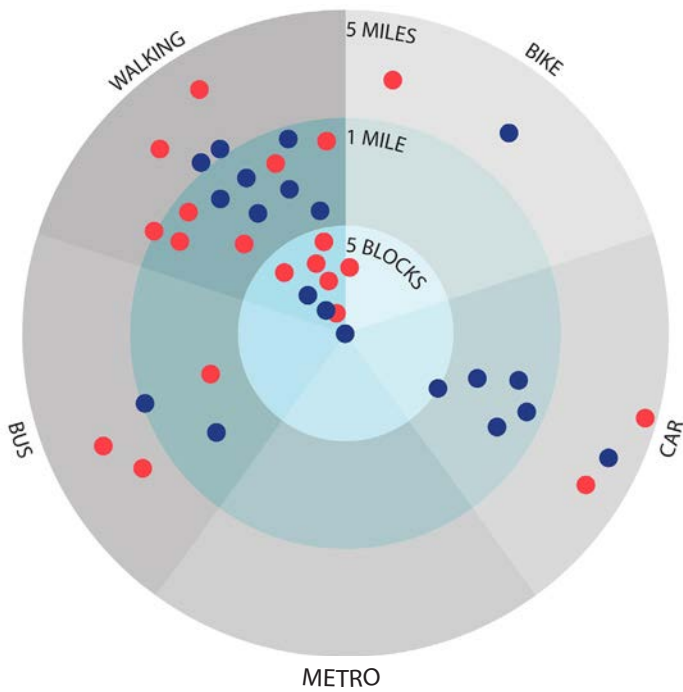
EXPRESSION OF BILINGUAL PROGRAM - 62 VOTES

Mark with a dot the two most important ways to express the bilingual identity of Adams



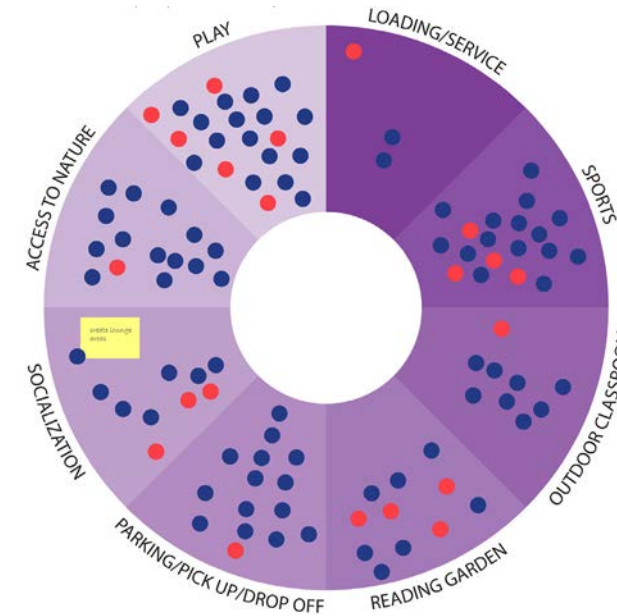
TRAVEL DISTANCE - 38 VOTES

Mark with a dot how your child gets to school and how far they travel



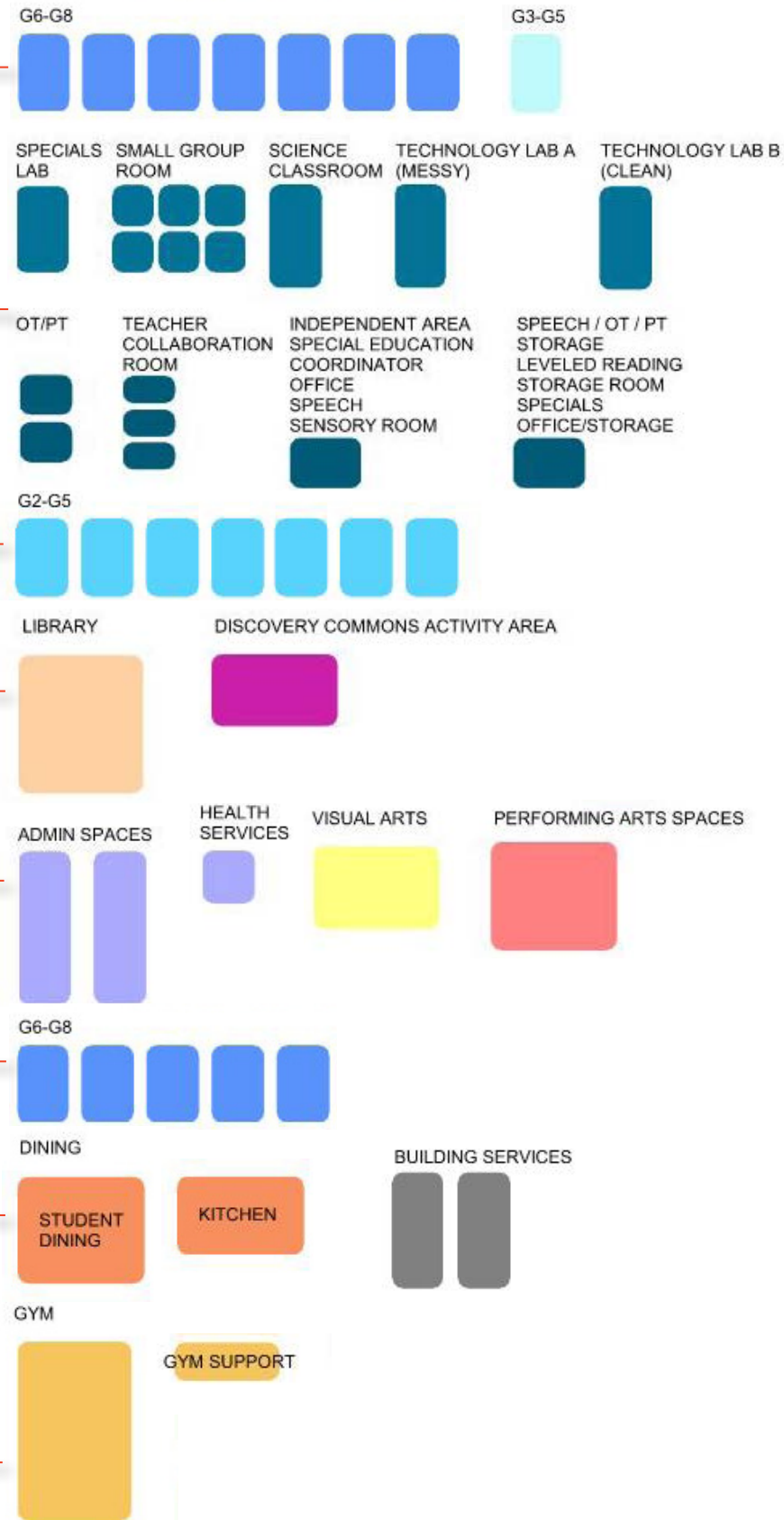
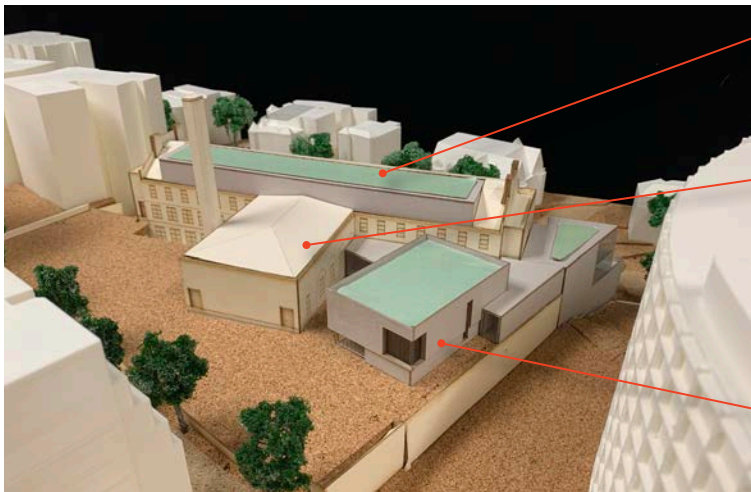
PRIORITIZATION OF OUTDOOR SPACES - 89 VOTES

Mark with a dot the two most important potential uses of outdoor spaces



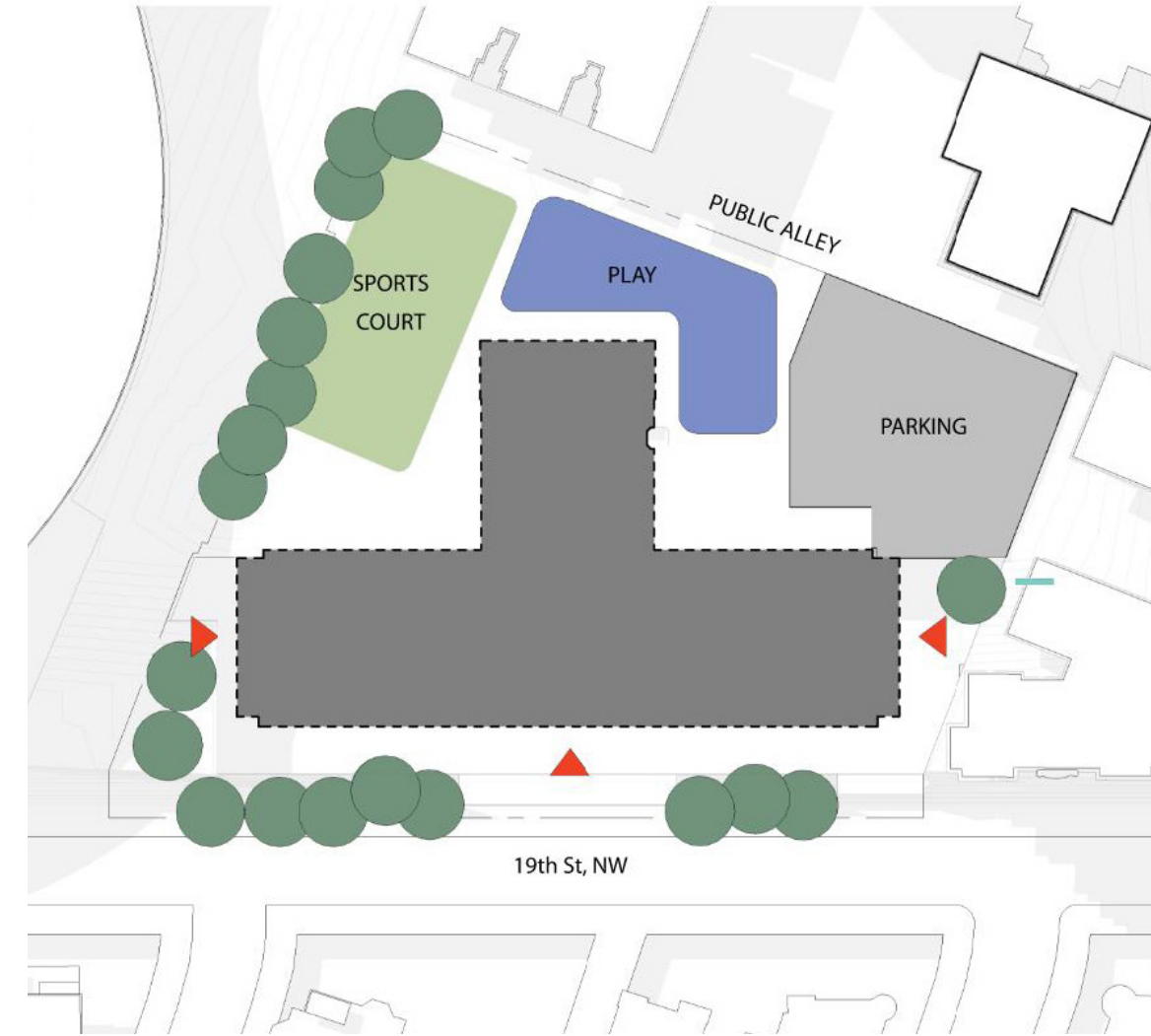
Rehabilitation of Aging Structures and Thoughtful Additions

ACCESS TO GREEN SPACE ESSENTIAL SPACE/FACILITIES EQUITABLE ACCESSIBILITY ACCESS TO NUTRITIOUS MEALS SAFETY AND WELLBEING



SPACE NEEDS

- Original Historic GSF = 62,000
- Required SF per Ed Spec = 90,000



Existing Site Plan

Rehabilitation of Aging Structures and Thoughtful Additions

ACCESS TO GREEN SPACE

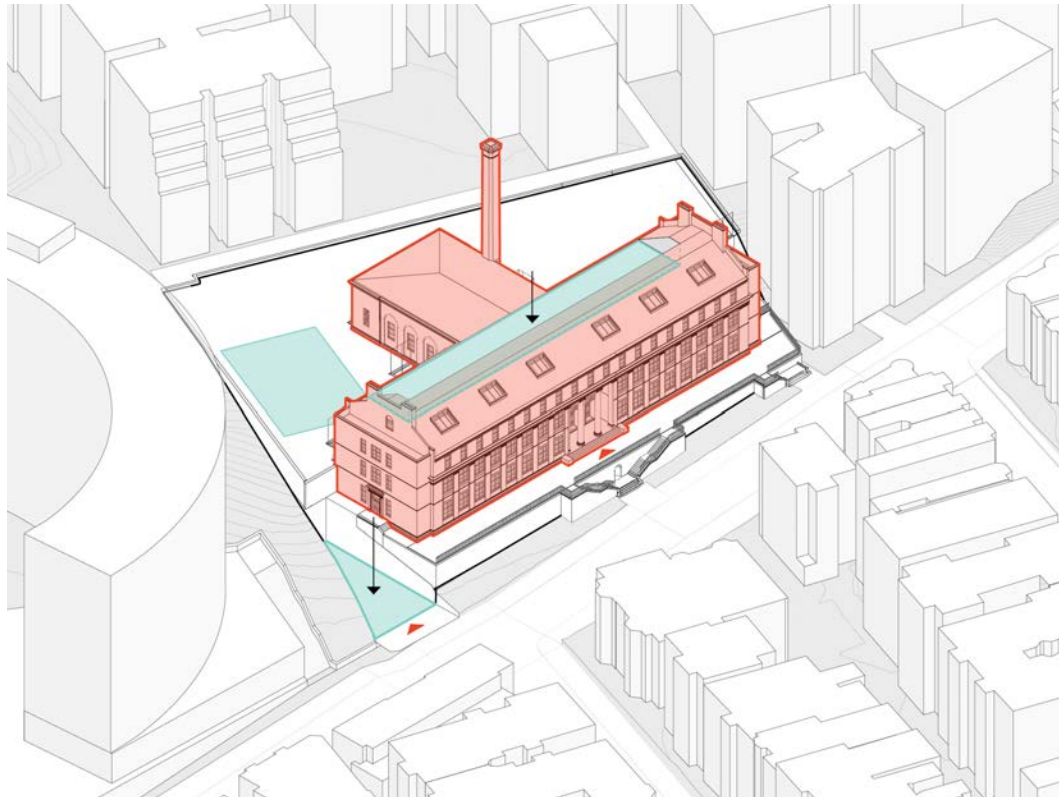
ACCESS TO ART

ESSENTIAL SPACE/FACILITIES

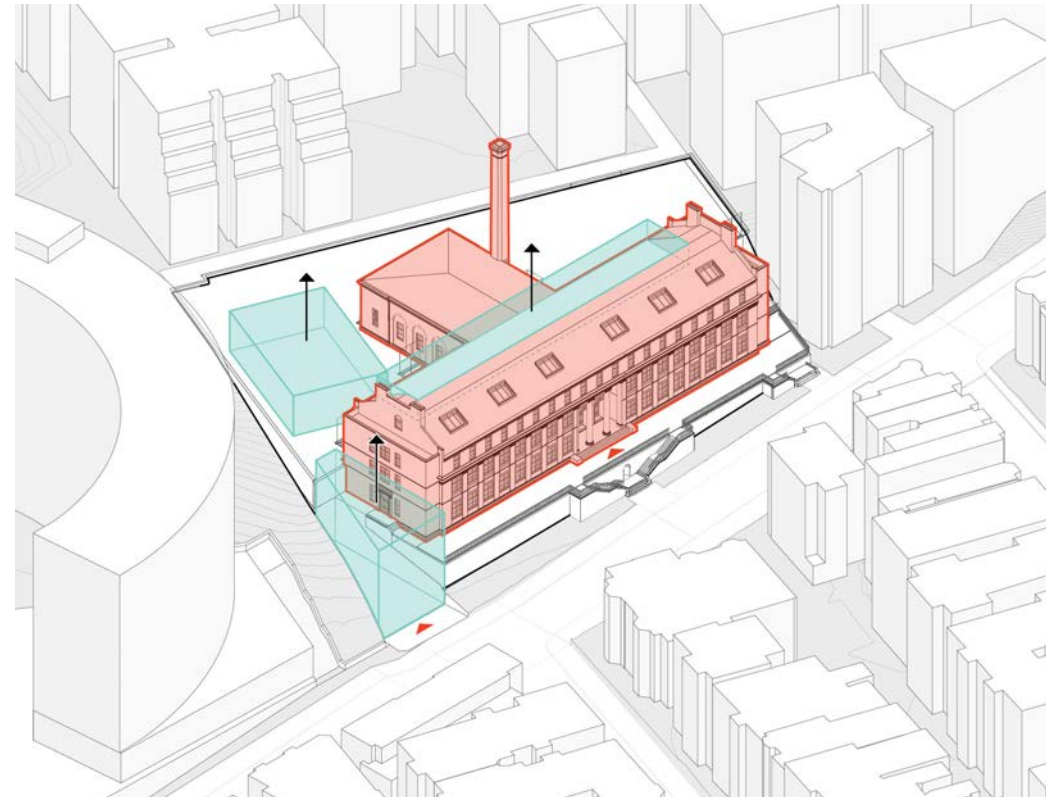
EQUITABLE ACCESSIBILITY

ACCESS TO NUTRITIOUS MEALS

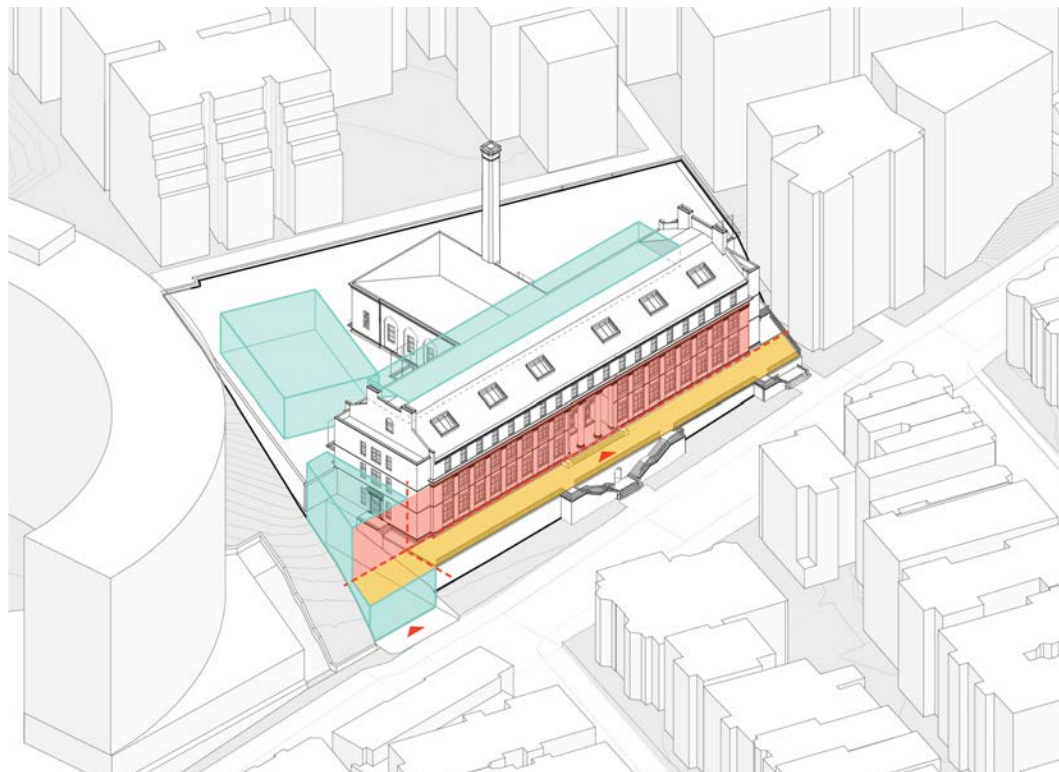
SAFETY AND WELLBEING



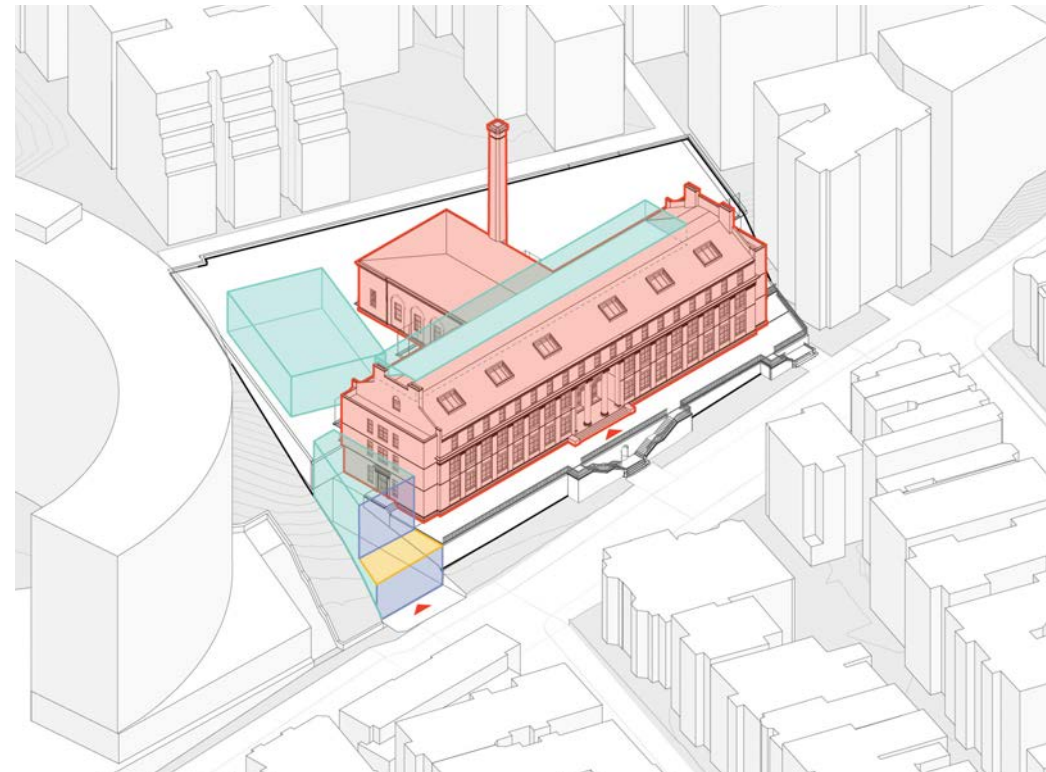
Step 1: Maximize Open Space and Create Accessible Entry



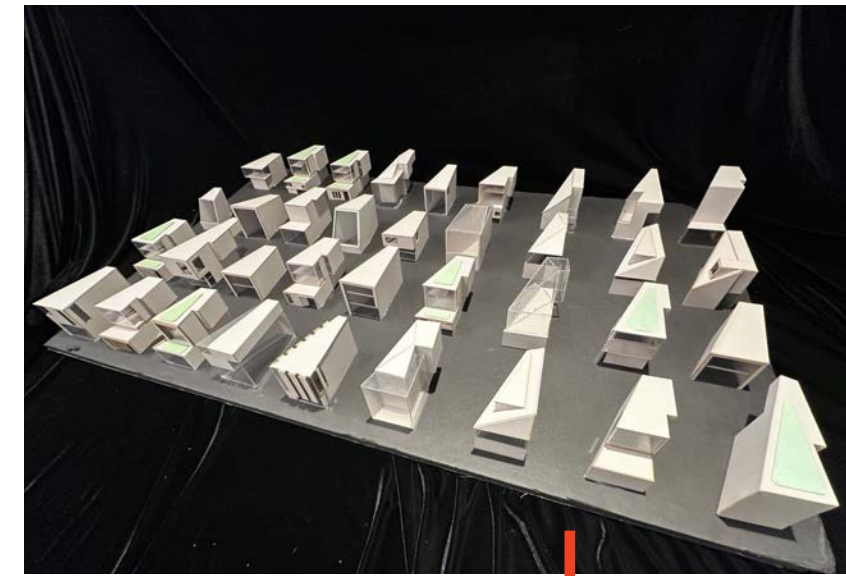
Step 2: Incorporate Modernized Program



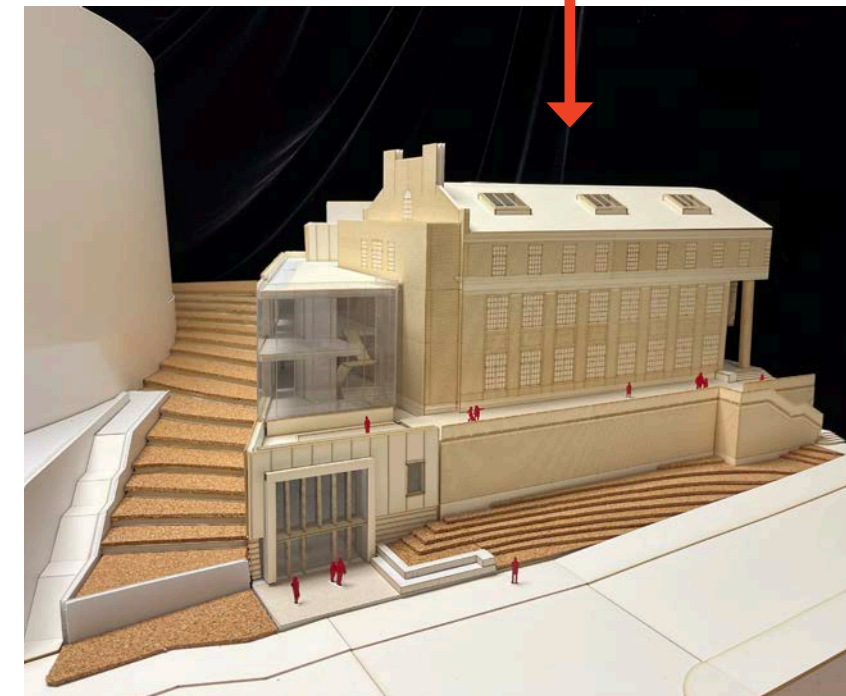
Step 3: Align with Historic Elements



Step 4: Create engaging Entry and Library at New Pavilion



Concept Design Study Models



Schematic Design Facade Study Model

PROPOSED ADDITION MASSING



Rehabilitation of Aging Structures and Thoughtful Additions


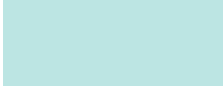


ACCESS TO GREEN SPACE

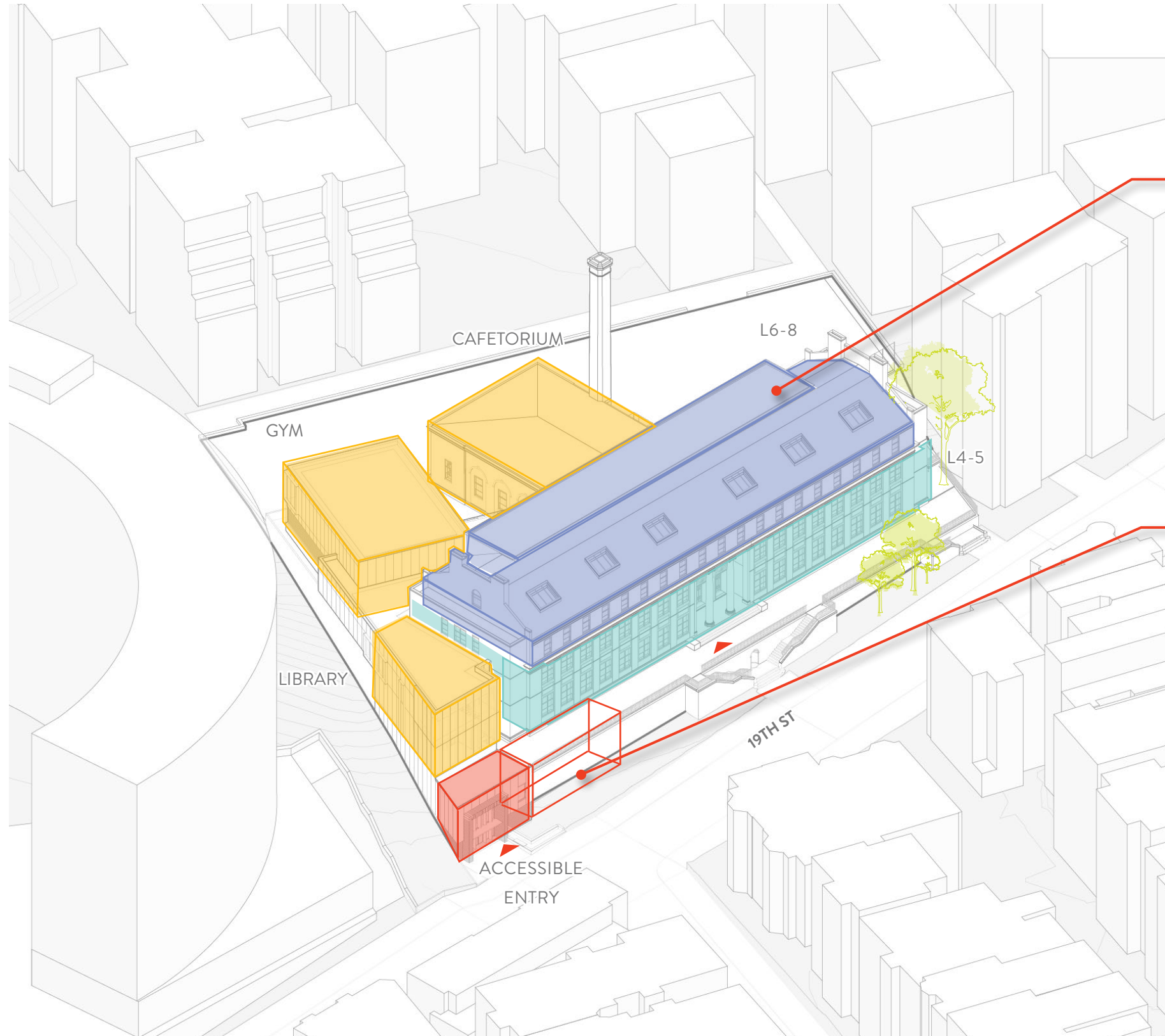
ESSENTIAL SPACE/FACILITIES

EQUITABLE ACCESSIBILITY

ACCESS TO NUTRITIOUS MEALS

SAFETY AND WELLBEING

-  Equitable Accessible Entrance
-  Elementary Classrooms
-  Middle School Classrooms
-  'Big box' Common Program



PRIORITIES

- Capture Under-utilized Floor Area



Former Attic



Former 'Crawl Space'

- Provide accessible entrance
- Library located in prominent location
- Separate Elementary & Middle school classrooms
- Reuse existing classroom footprints as much as possible

Rehabilitation of Aging Structures and Thoughtful Additions

ACCESS TO GREEN SPACE

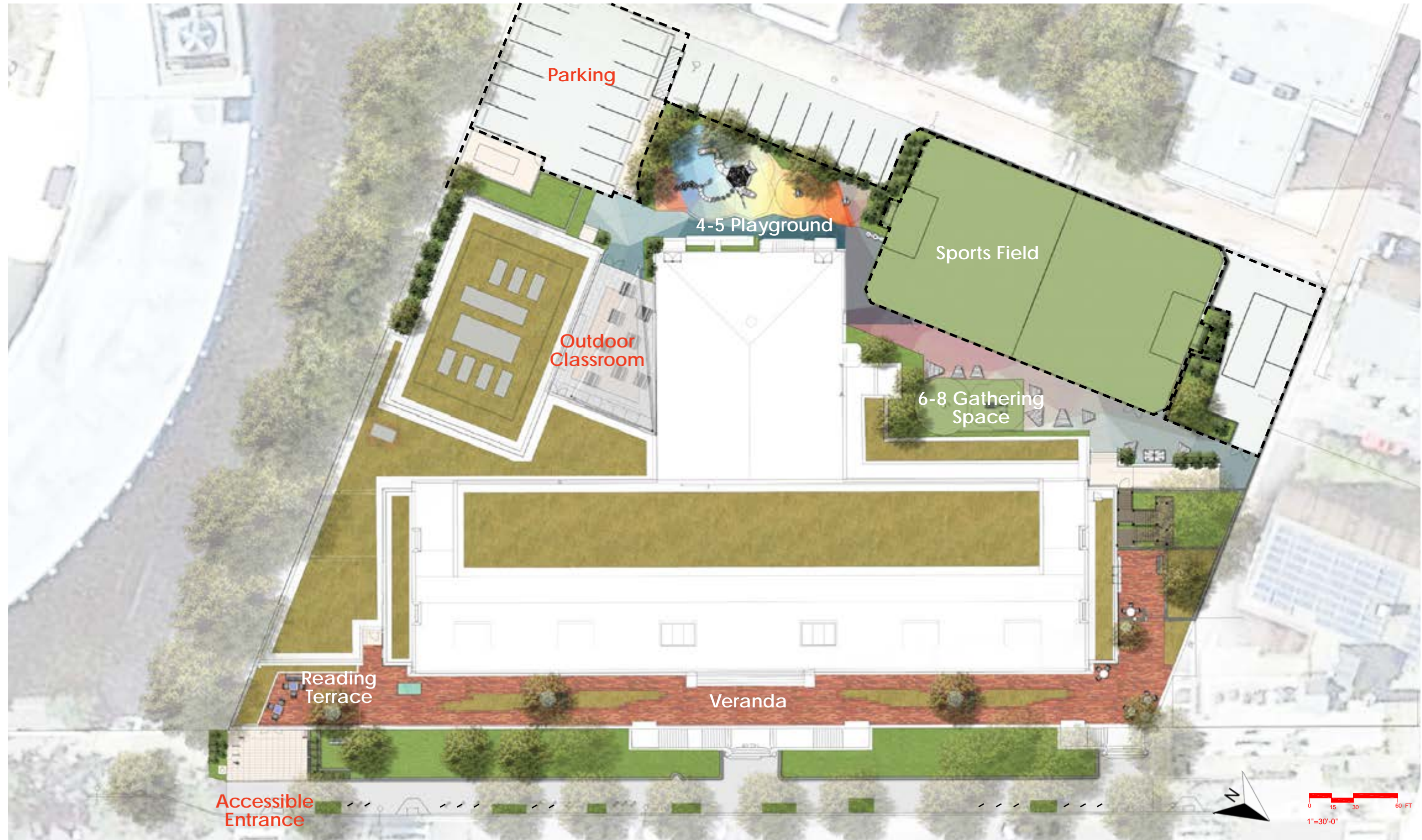
ACCESS TO ART

ESSENTIAL SPACE/FACILITIES

EQUITABLE ACCESSIBILITY

ACCESS TO NUTRITIOUS MEALS

SAFETY AND WELLBEING





Rehabilitation of Aging Structures and Thoughtful Additions

ACCESS TO GREEN SPACE

ACCESS TO ART

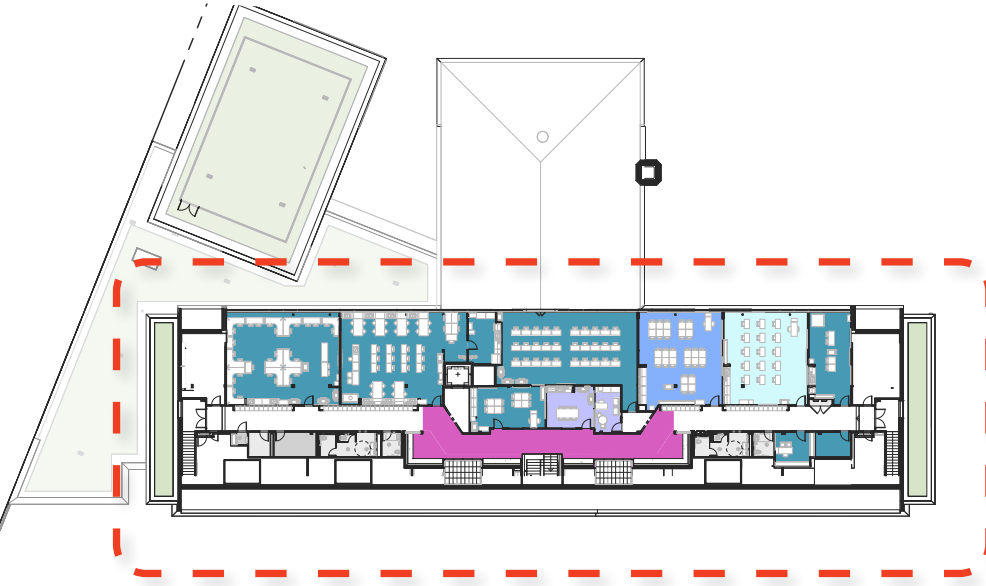
ESSENTIAL SPACE/FACILITIES

EQUITABLE ACCESSIBILITY

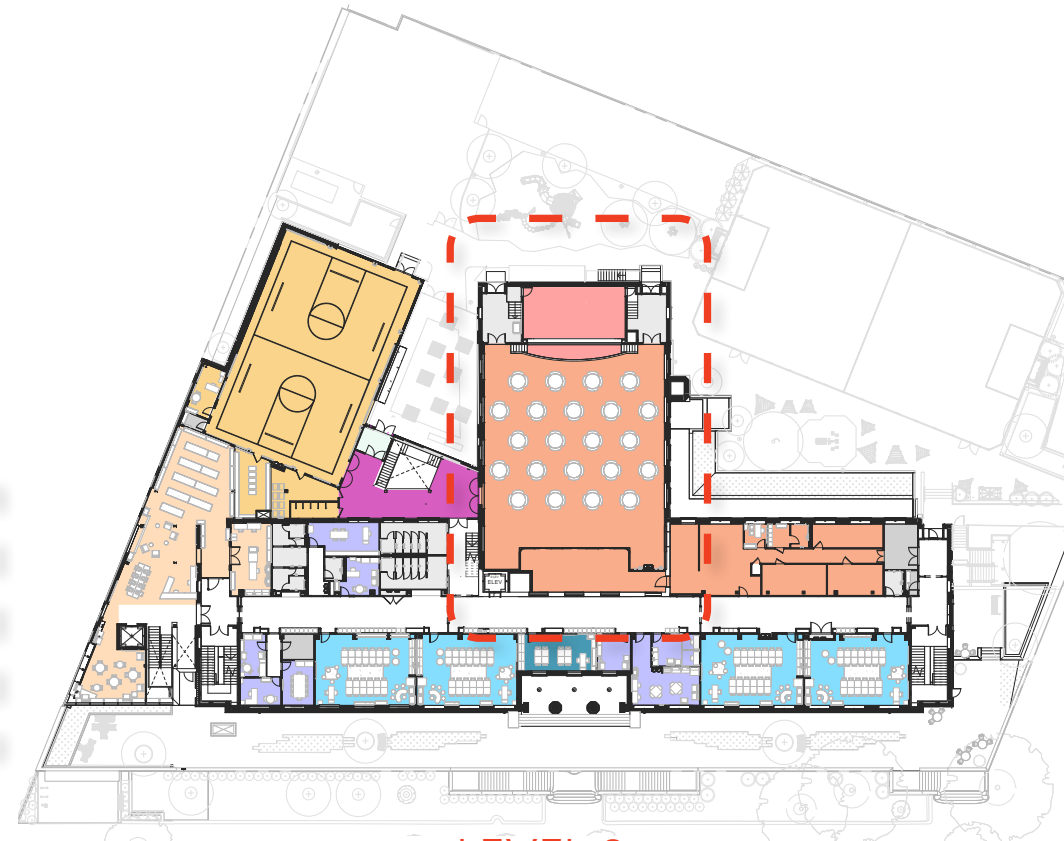
ACCESS TO NUTRITIOUS MEALS

SAFETY AND WELLBEING

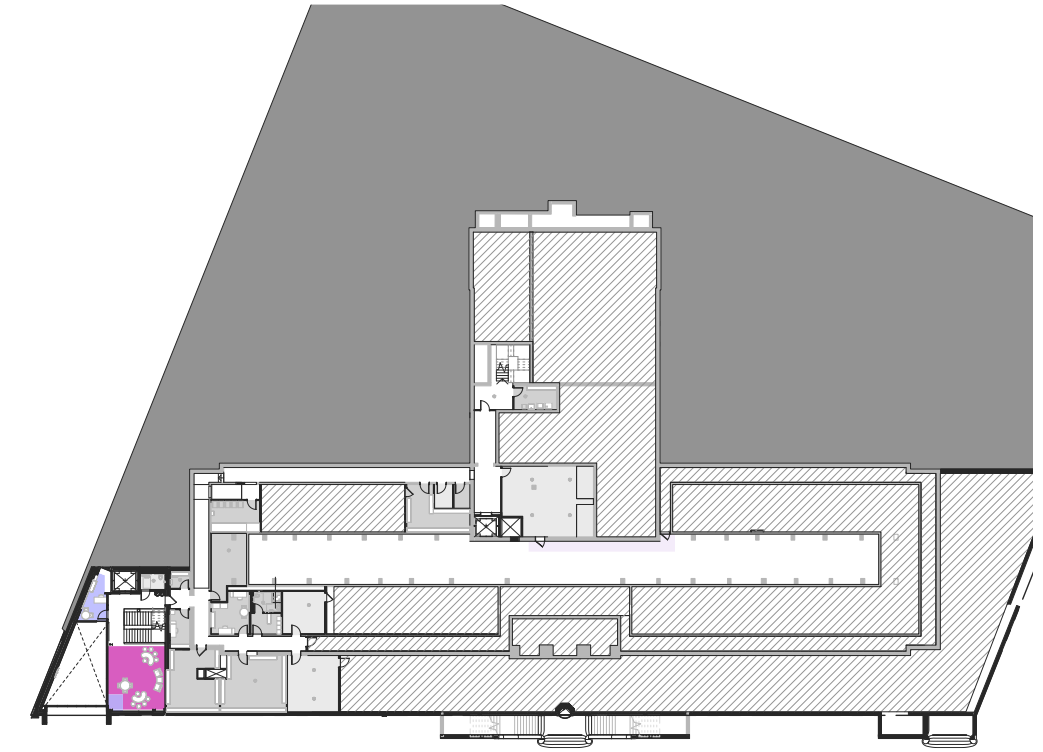
- ACADEMIC
- ADMIN
- CLASSROOM 4-5
- DINING
- DISCOVERY COMMONS
- LIBRARY
- PERFORMING ARTS
- PHYSICAL EDUCATION



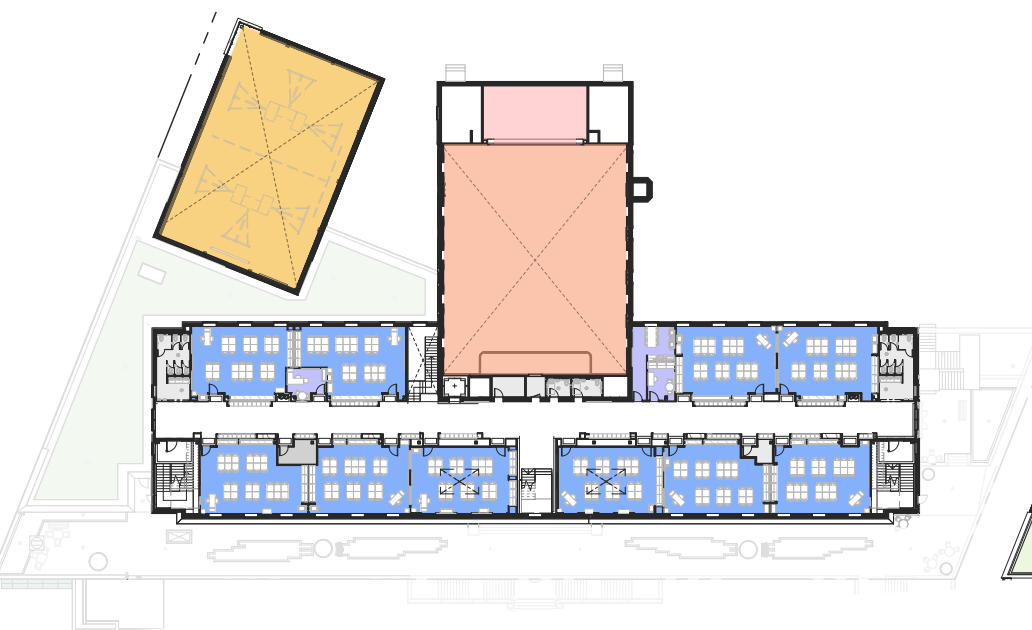
LEVEL 4



LEVEL 2



BASEMENT



LEVEL 3



LEVEL 1



ENTRY

Architectural Integration, Historic Auditorium

ACCESS TO GREEN SPACE

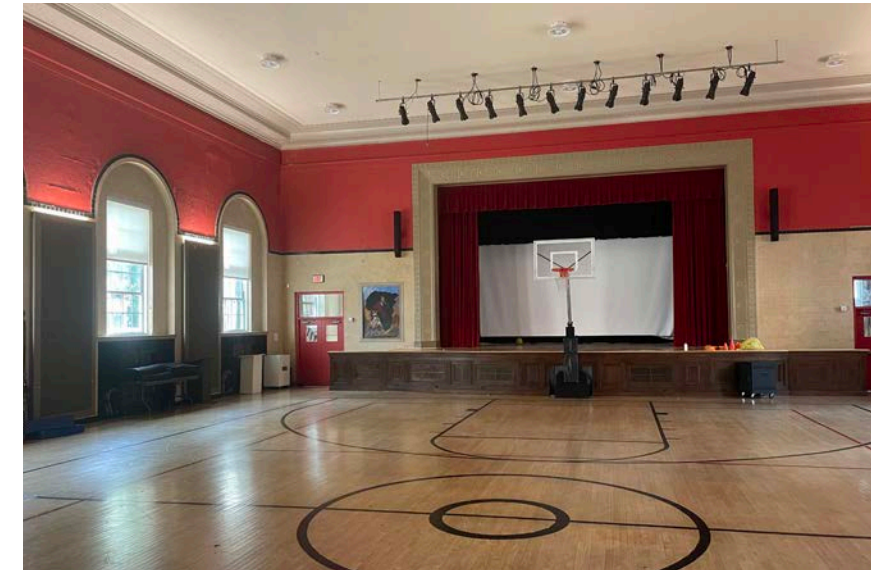
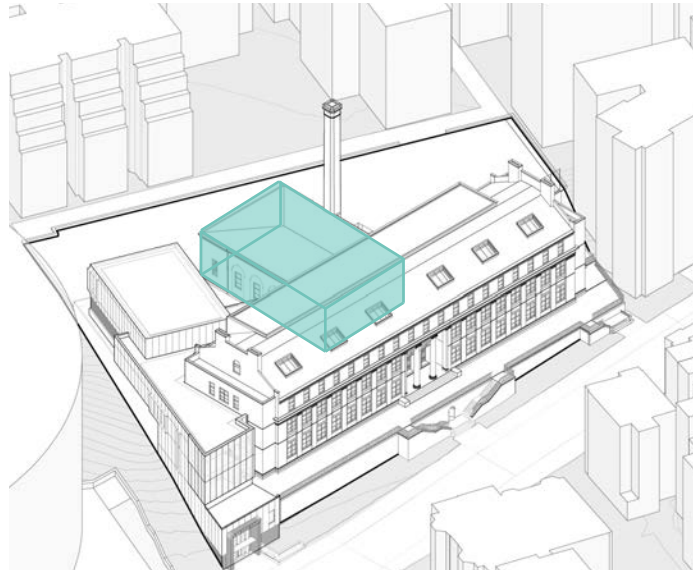
ACCESS TO ART

ESSENTIAL SPACE/FACILITIES

EQUITABLE ACCESSIBILITY

ACCESS TO NUTRITIOUS MEALS

SAFETY AND WELLBEING



Former Auditorium - Gym



Multi-Purpose Room, Dining & Auditorium

Architectural Integration

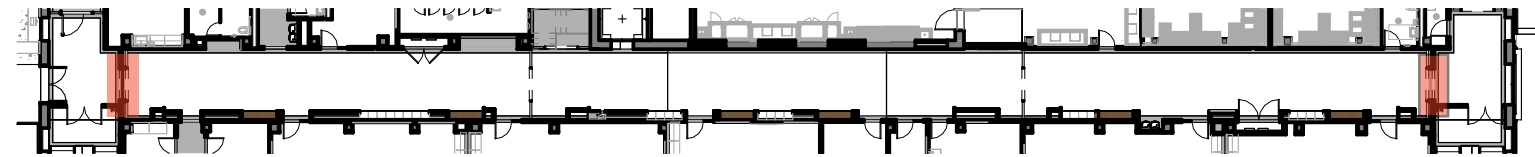
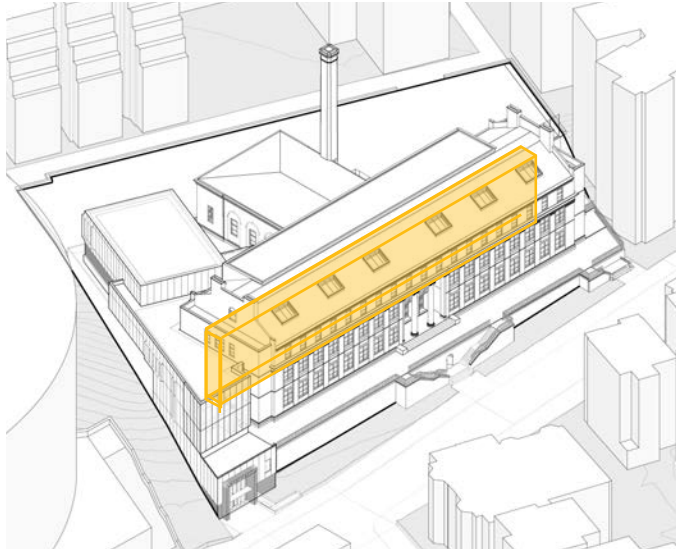
ACCESS TO GREEN SPACE

ACCESS TO ART

ESSENTIAL SPACE/FACILITIES

EQUITABLE ACCESSIBILITY

SAFETY AND WELLBEING



Level 3, Middle School



Level 1 & 2, Historic Portals



Level 2, Elementary School



Former Corridors

CORRIDORS



Rehabilitation of Aging Structures and Thoughtful Additions

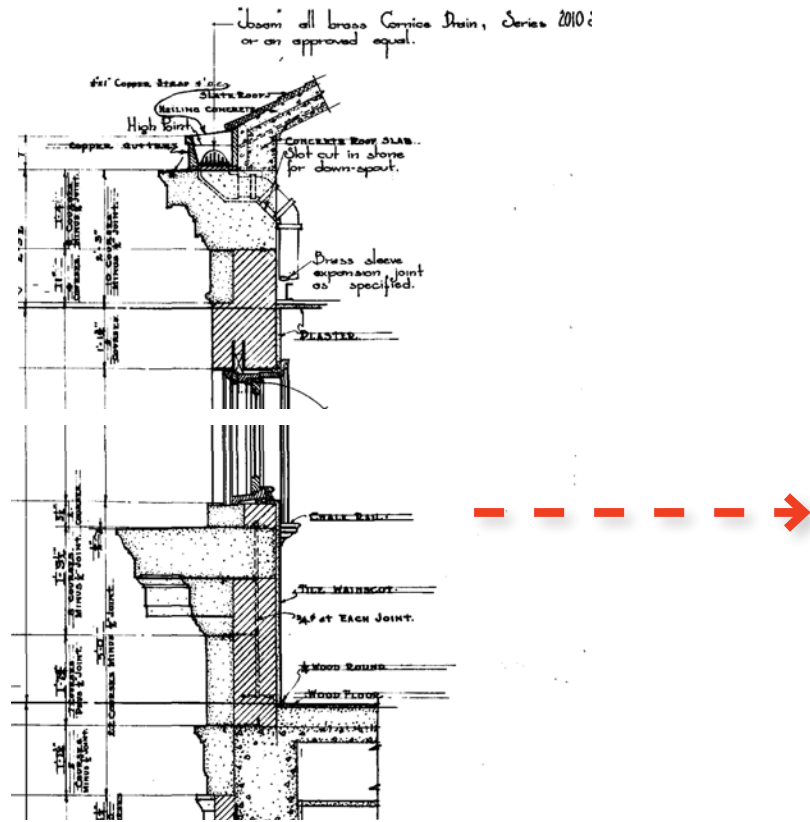
ACCESS TO GREEN SPACE

ACCESS TO ART

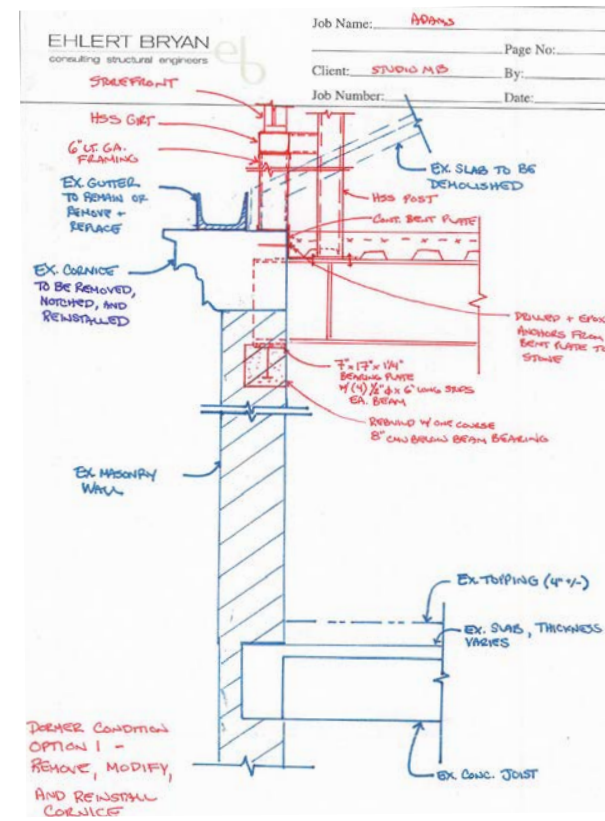
ESSENTIAL SPACE/FACILITIES

EQUITABLE ACCESSIBILITY

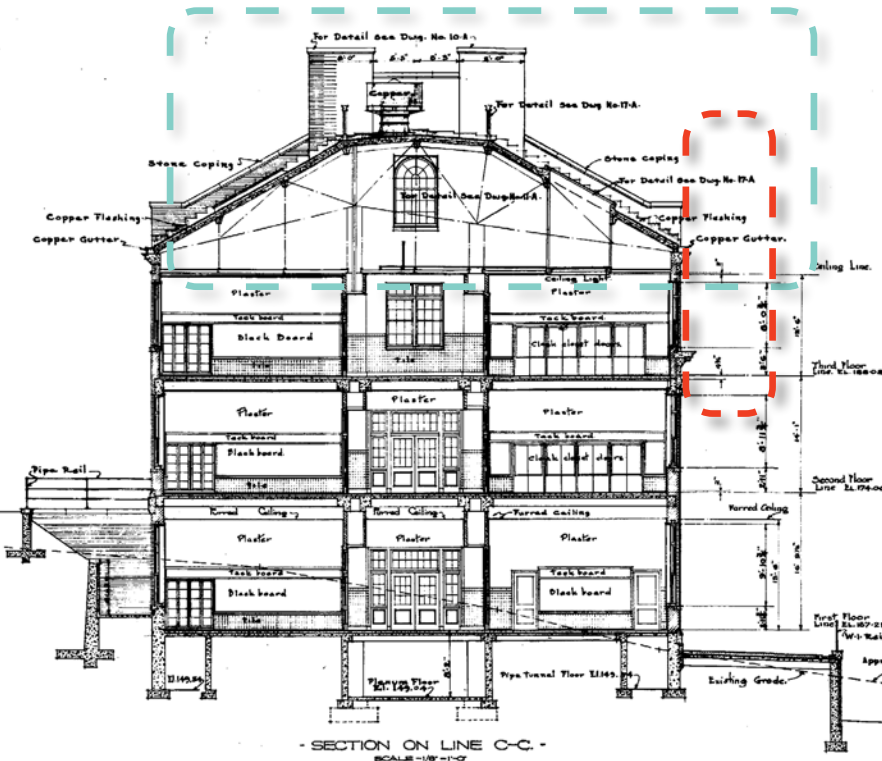
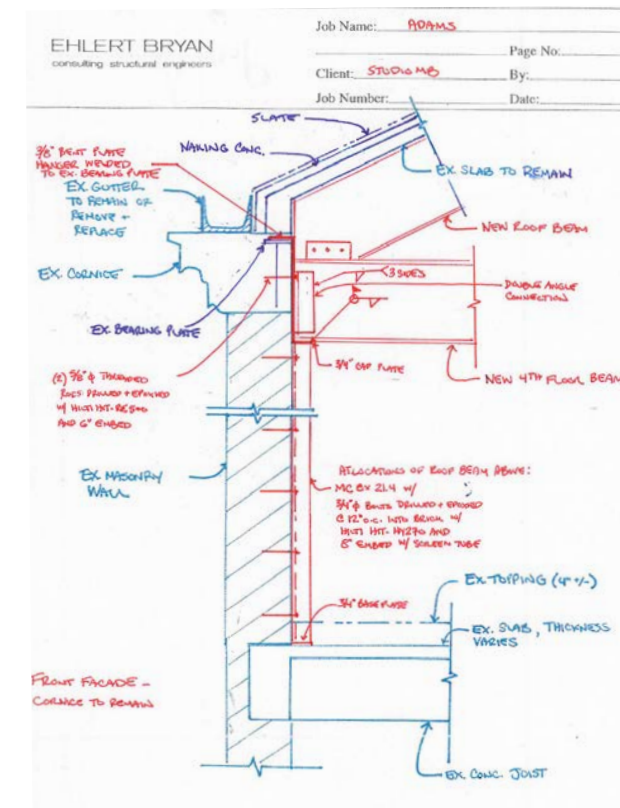
SAFETY AND WELLBEING



1928 Historic Wall Section



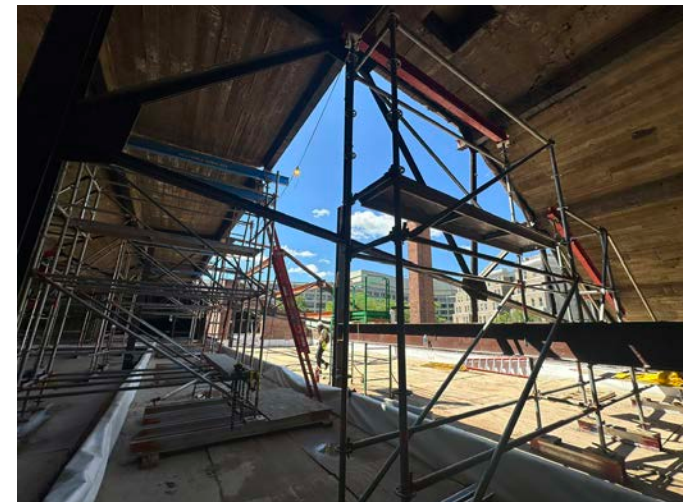
DD Sketch of New L4 Floor Beam Tied into Existing



EXISTING ATTIC TO CLASSROOM DORMER



March 2023
Original Attic



May 2024
Demo of existing roof starts for new dormer



September 2024
New dormer floor poured & Roof decking installed



Rehabilitation of Aging Structures and Thoughtful Additions

ACCESS TO GREEN SPACE

ACCESS TO ART

ESSENTIAL SPACE/FACILITIES

EQUITABLE ACCESSIBILITY

SAFETY AND WELLBEING



Rear, Before Roof Demo



Rear, During Installation of Dormer

EXISTING ATTIC TO CLASSROOM DORMER, CONSTRUCTION PHOTOS



Rehabilitation of Aging Structures and Thoughtful Additions

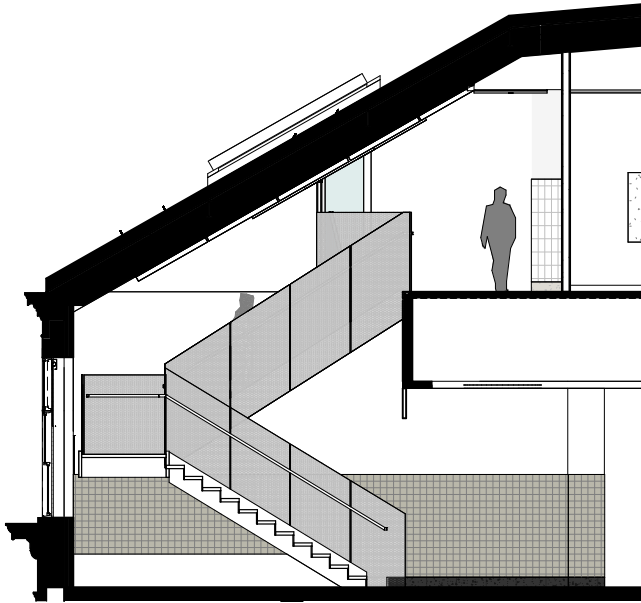
ACCESS TO GREEN SPACE

ACCESS TO ART

ESSENTIAL SPACE/FACILITIES

EQUITABLE ACCESSIBILITY

SAFETY AND WELLBEING



New Stair Against Existing Concrete Roof



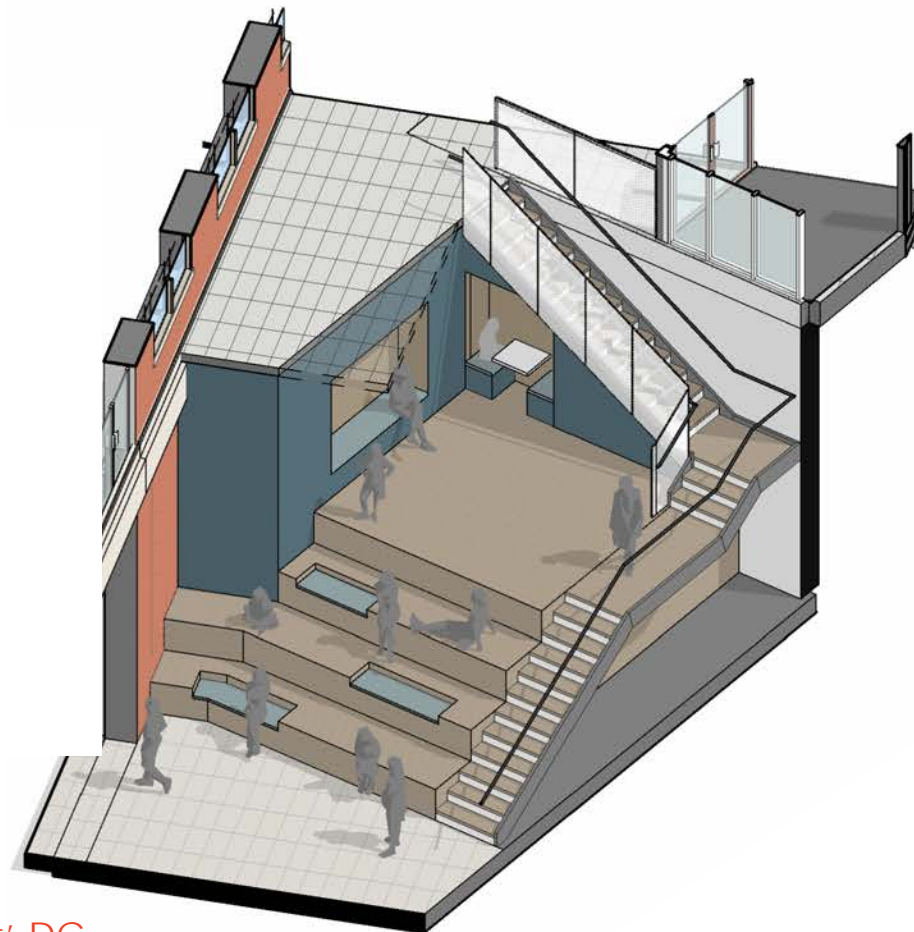
The 'Loft' DC, Laylight Provide Natural Light to Corridor



L2 Library, circulation desk & Media Bar



The 'Heart' DC



L1, Nexus of Old+ New



A Robust Art Program

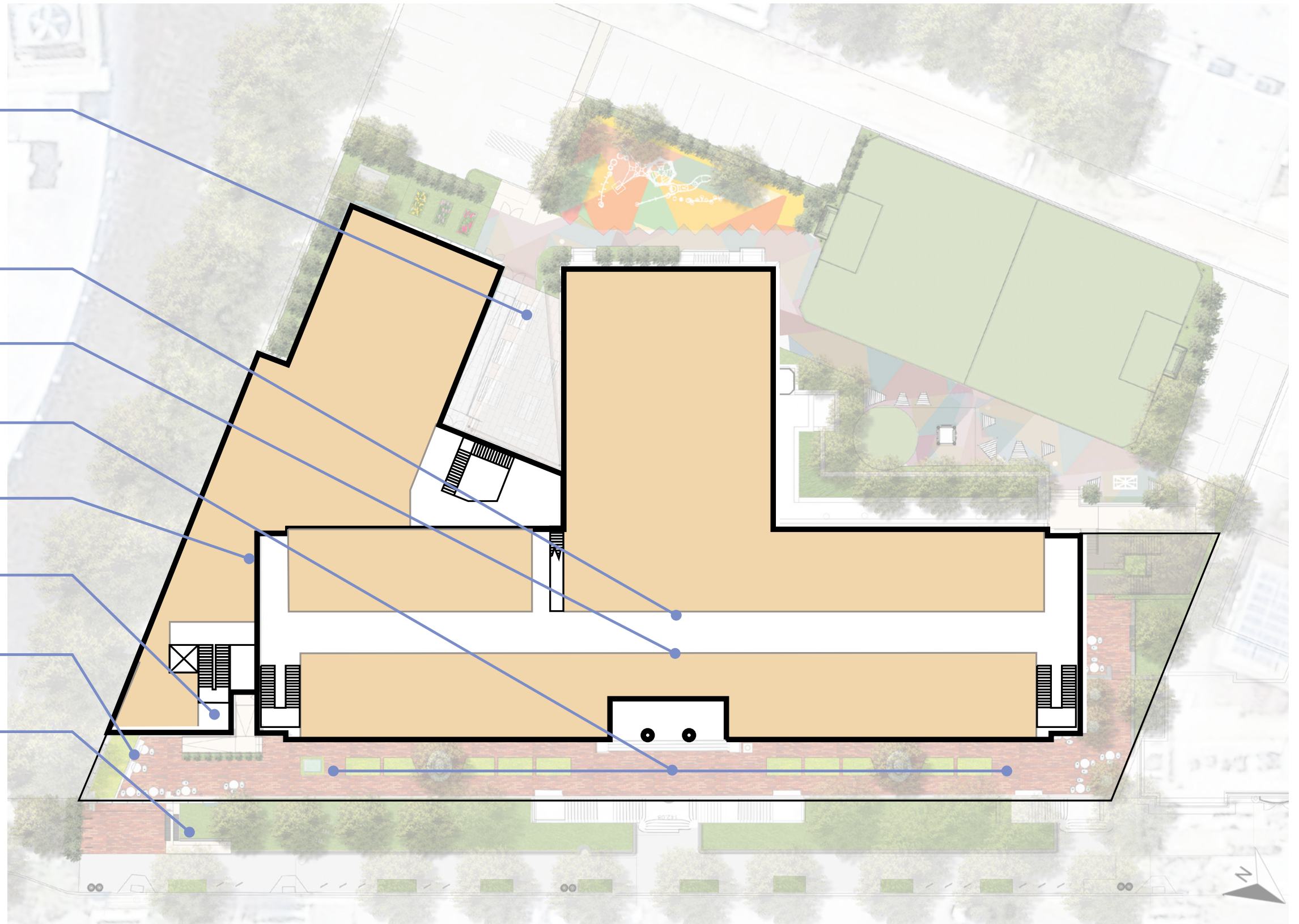
ACCESS TO GREEN SPACE

ACCESS TO ART

ESSENTIAL SPACE/FACILITIES

SAFETY AND WELLBEING

- 7. REAR ENTRY
CANOPY
- 6. 6-8 GRADE (LVL 4)
INTERACTIVE WALL ART
- 5. 4-5 GRADE (LVL 2)
INTERACTIVE WALL ART
- 4. VERANDA (MULTI-PIECE)
SCULPTURES
- LIBRARY
SAVED MEMORIAL WALL ART
- 3. LIBRARY STAIR
- 2. NEW LOBBY (LOWER LVL)
- 1. NEW ENTRY
SCULPTURE



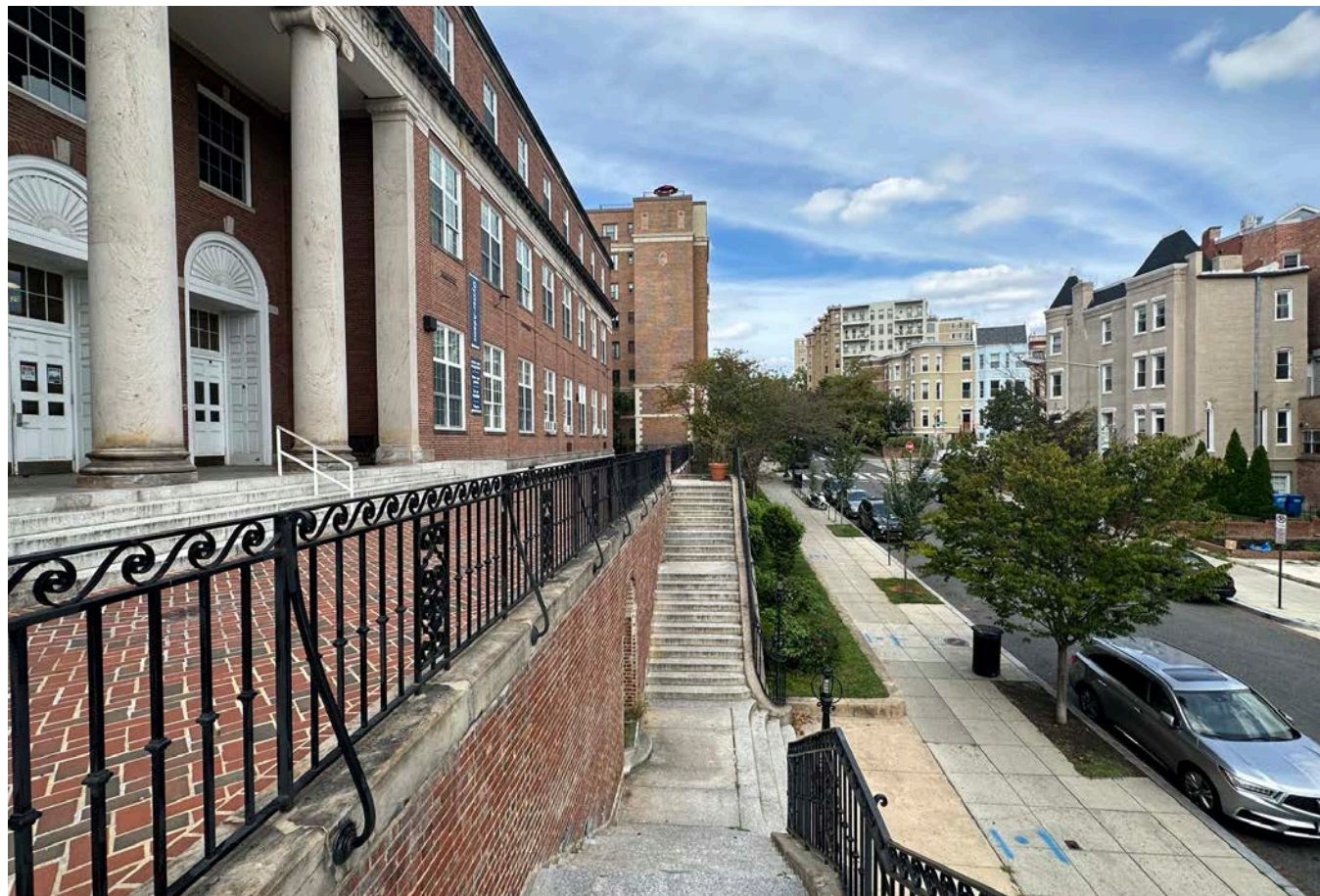
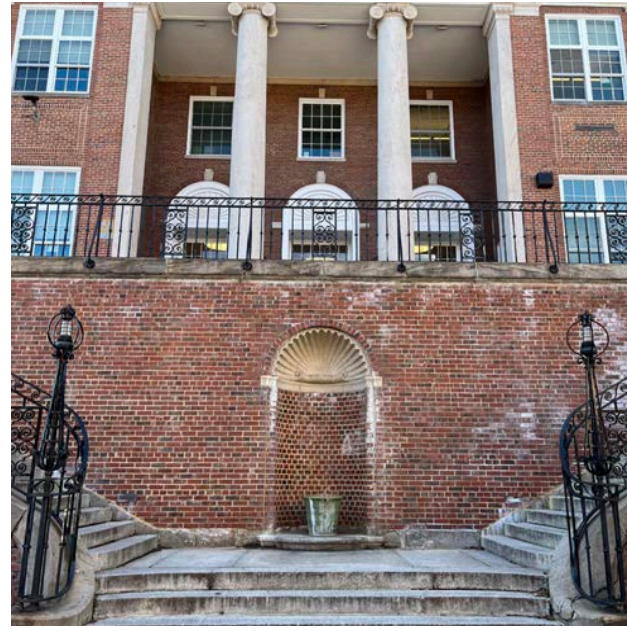
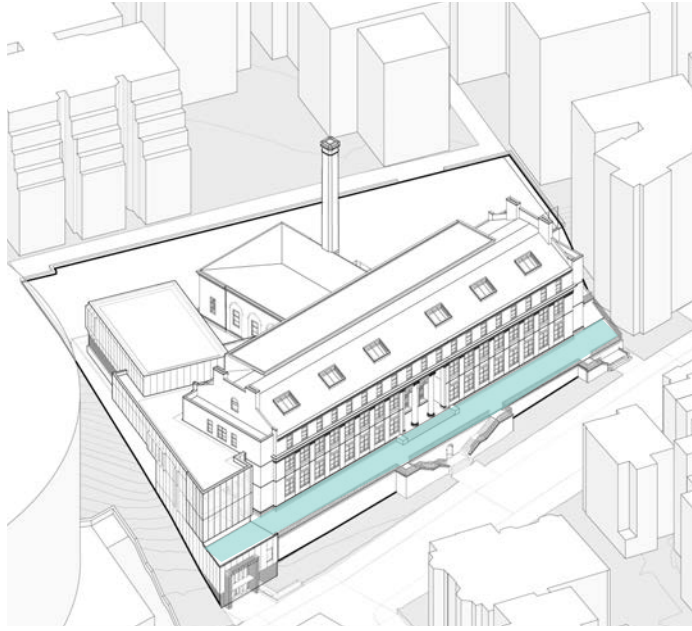
A Robust Art Program

ACCESS TO GREEN SPACE

ACCESS TO ART

ESSENTIAL SPACE/FACILITIES

SAFETY AND WELLBEING



EXISTING VERANDA

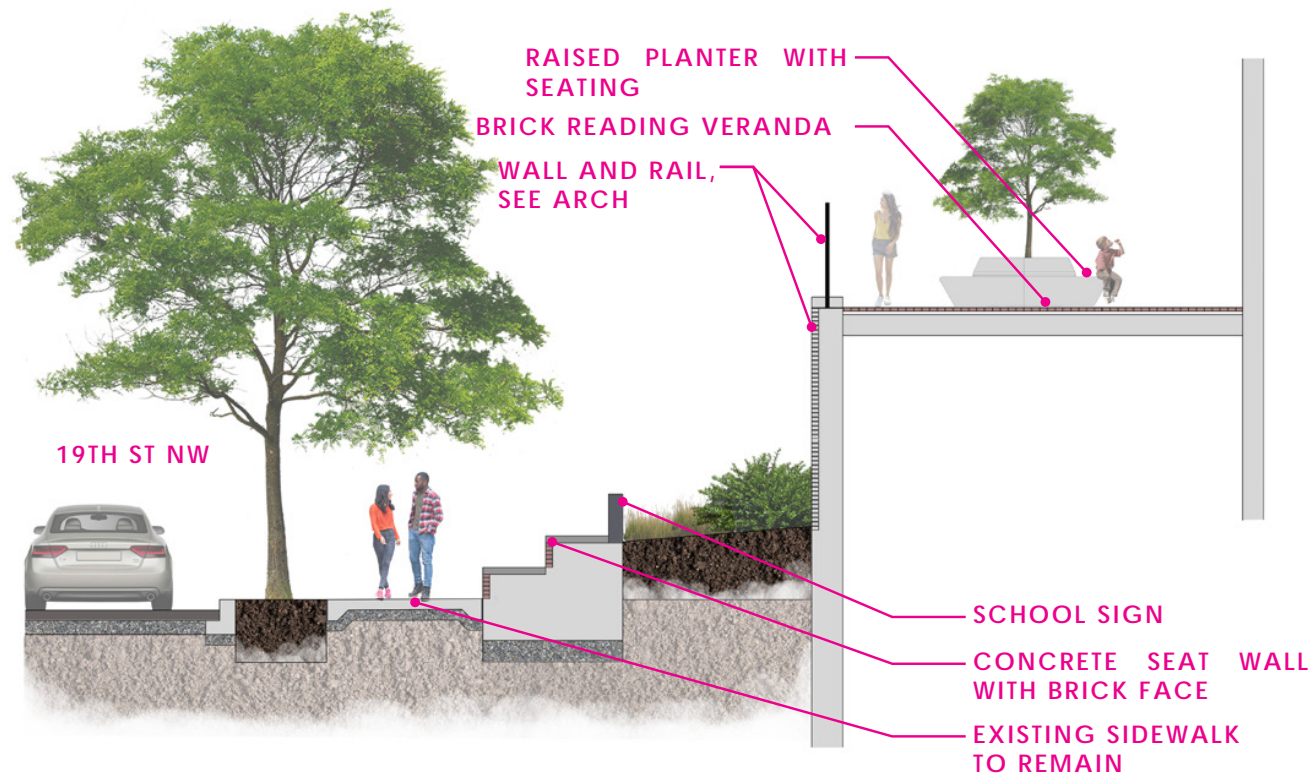
A Robust Art Program

ACCESS TO GREEN SPACE

ACCESS TO ART

ESSENTIAL SPACE/FACILITIES

SAFETY AND WELLBEING



PROPOSED ART AT VERANDA

A Robust Art Program

ACCESS TO GREEN SPACE

ACCESS TO ART

ESSENTIAL SPACE/FACILITIES

SAFETY AND WELLBEING



High Tech Interactive Installation

Tactile Art at the Historic Corridor

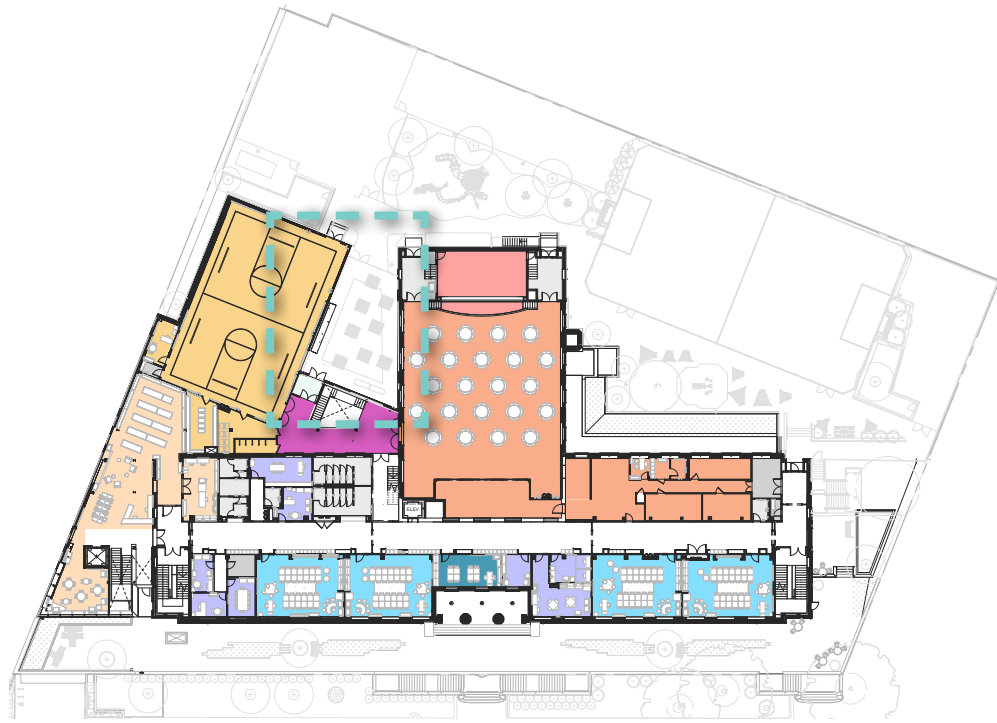
A Robust Art Program

ACCESS TO GREEN SPACE

ACCESS TO ART

ESSENTIAL SPACE/FACILITIES

SAFETY AND WELLBEING



L2 Floor Plan



Precedent

OUTDOOR CLASSROOM



'Functional Art' Shade



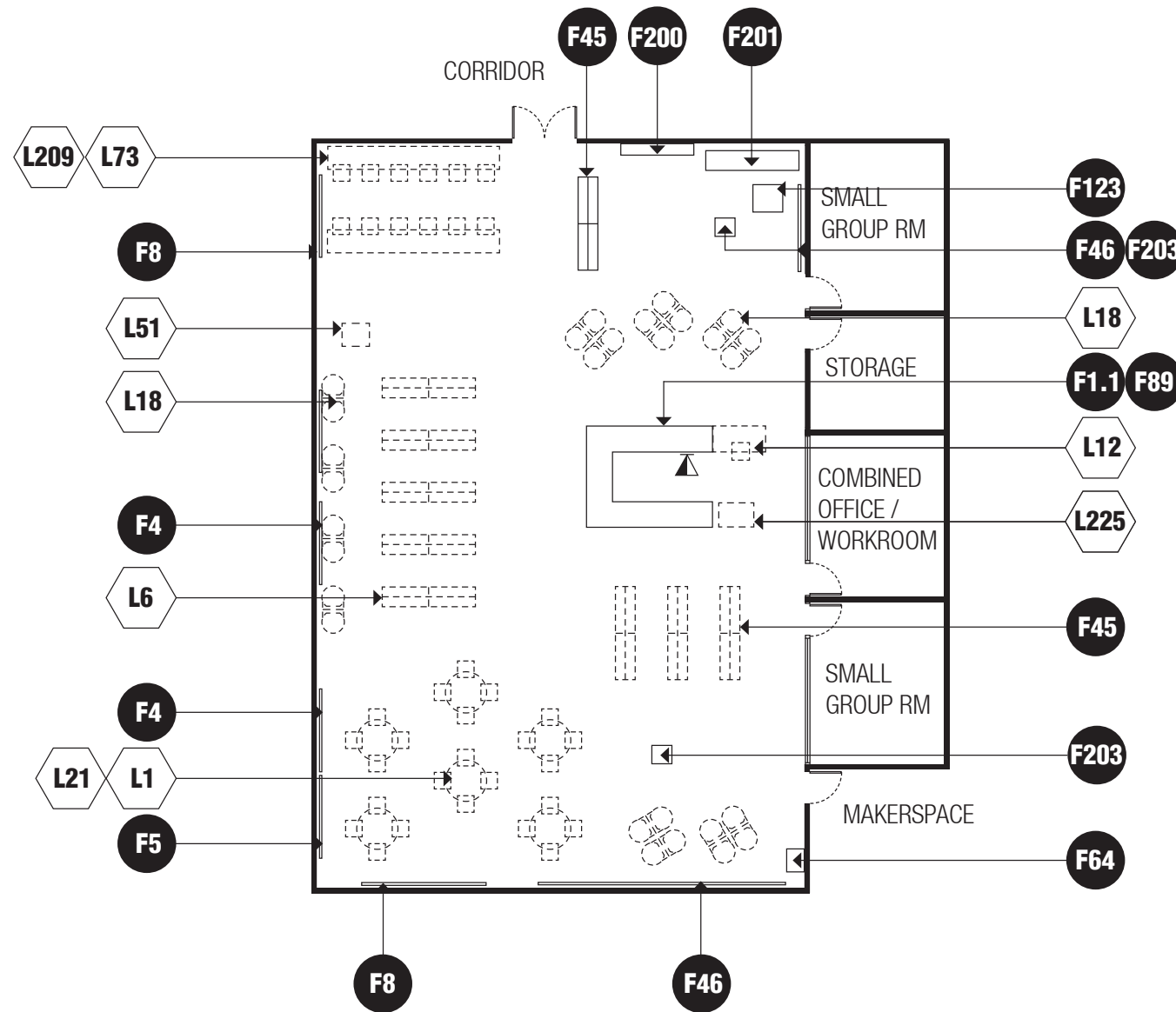
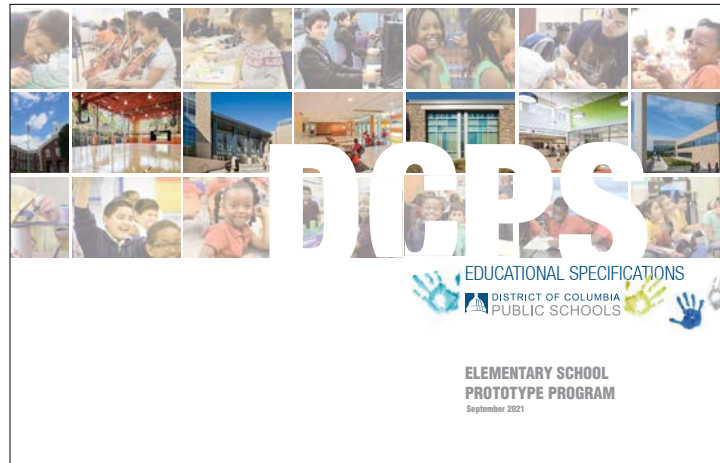
Districtwide Educational Specifications

ACCESS TO GREEN SPACE

ESSENTIAL SPACE/FACILITIES

EQUITABLE ACCESSIBILITY

SAFETY AND WELLBEING



E-LIB-1 /// **READING / LEARNING / CIRCULATION ROOM**

LEGEND ///

● **fixed furnishings**

- F1.1 casework (circulation desk)*
 - F4 magnetic marker board (two locations, 8 LF each)
 - F5 tackable wall surface
 - F8 wall mounted interactive electronic presentation device (2)
 - F45 library casework
 - F46 motorized projection screen (1-2)
 - F64 filtered water fountain with bubbler and bottle filler
 - F75 display case
 - ▶ F89 data drop
 - F110 digital monitor
 - F123 mobile interactive electronic presentation device
 - F203 ceiling mounted projector (1-2)
- coordinate with DCPS on latest IT infrastructure requirements for data drops, phones, desktop computers, and fax

○ **loose furnishings**

- L1 stackable/nesting chairs (32-55 per student enrollment)
 - L6 mobile shelving**
 - L12 admin workstation and chair (task)
 - L16 bound group rug (2) - by projection screens
 - L18 lounge chair (15-25)
 - L21 student work table (6-10 with various heights)
 - L51 laptop charging cart
 - L73 height adjustable stools with backs
 - L209 media bar with integrated power
 - L225 spring-loaded book cart (1-2)
- see DGS Waste Guidelines for waste bin sizing and quantities

*circulation desk must meet ada standards and have sufficient space for librarian, two students and a book drop and provide space/infrastructure for desktop printer

**shelving is calculated as the maximum capacity of the building X20 books/

student; 10 inch (standard size books), 12 inch (picture books, reference books, periodicals and audiovisual storage), 18-24 inch (equipment storage); shelving should include forward facing shelves; perimeter shelving at 5' max, non-perimeter shelving at 48" max for visibility

Districtwide Educational Specifications

ACCESS TO GREEN SPACE

ACCESS TO ART

ESSENTIAL SPACE/FACILITIES

EQUITABLE ACCESSIBILITY

SAFETY AND WELLBEING

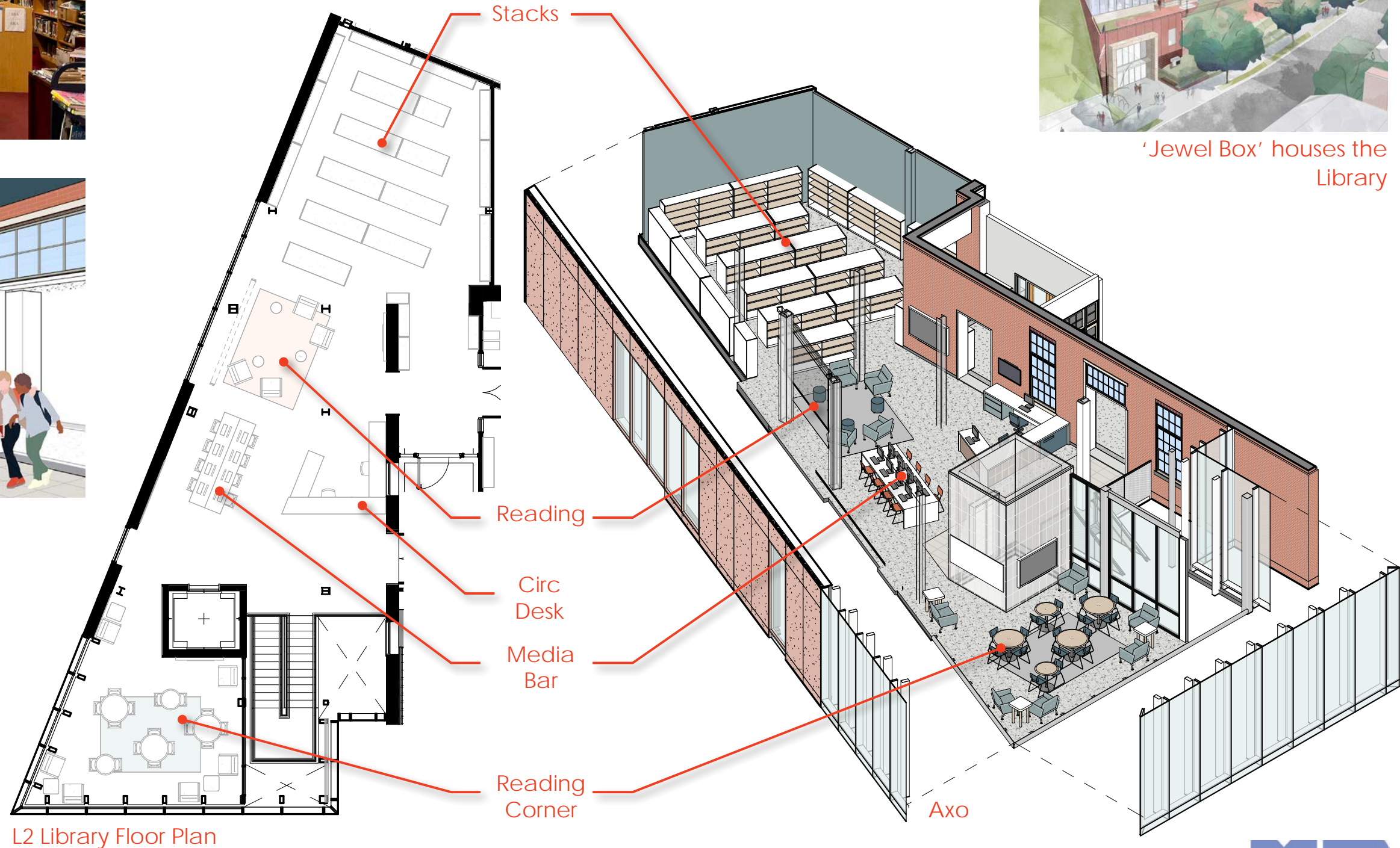


Existing Library Located in a Classroom



L1 Library Stacks, Media Bar & Circ Desk

- Existing library size = 1000 sf
- Required library size = 3950 sf



L2 Library Floor Plan

Districtwide Educational Specifications, Library

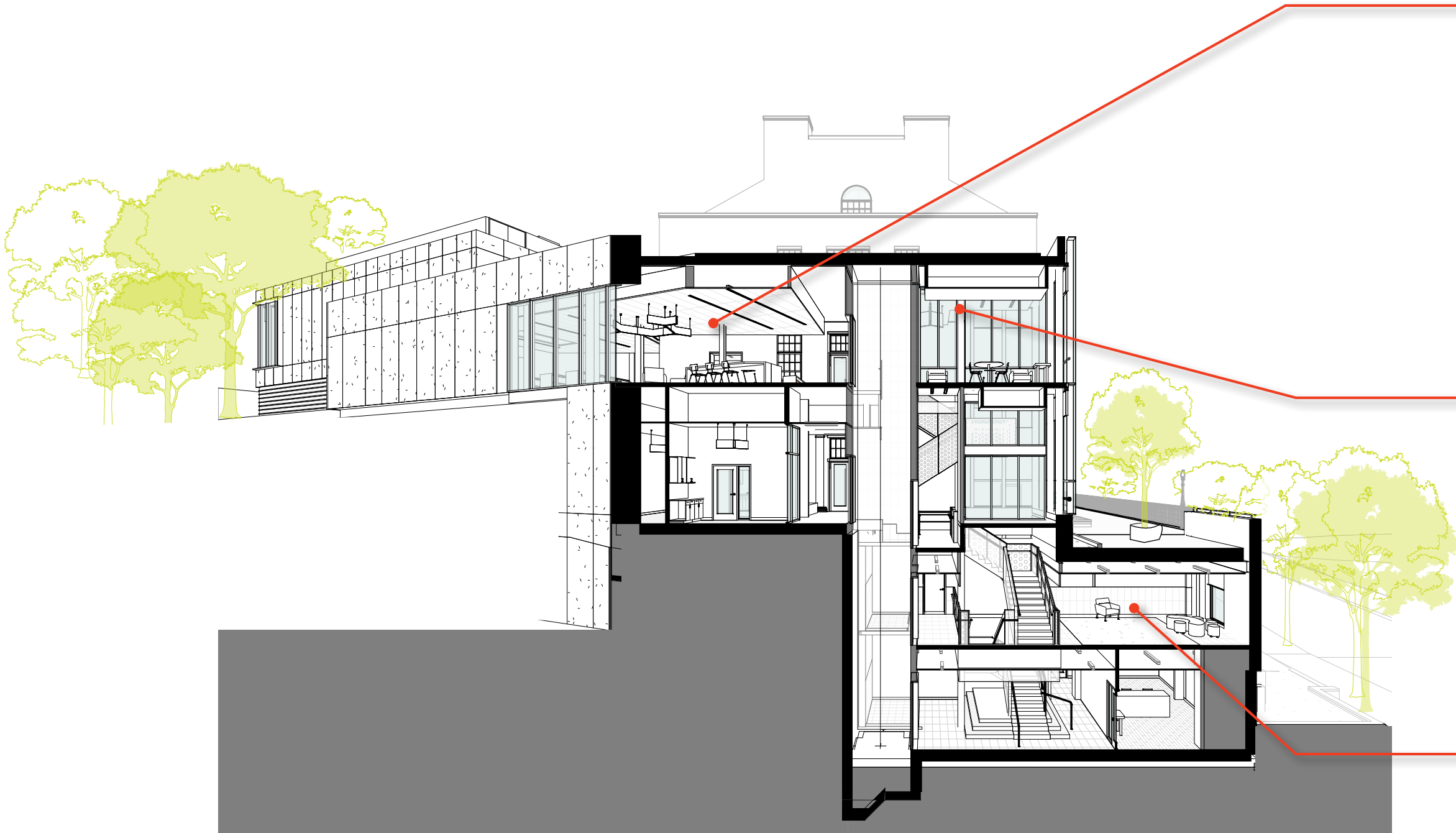
ACCESS TO GREEN SPACE

ACCESS TO ART

ESSENTIAL SPACE/FACILITIES

EQUITABLE ACCESSIBILITY

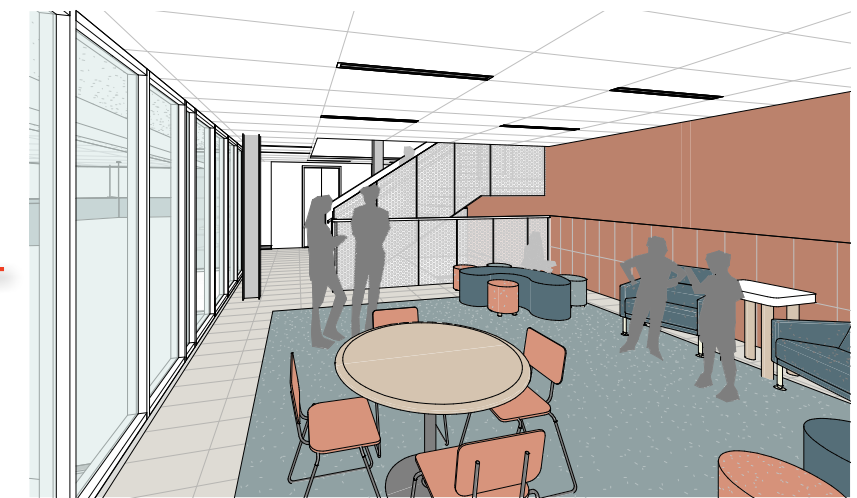
SAFETY AND WELLBEING



Library, Circulation Desk & Media Bar



Library, Reading Room



The 'Mezzanine'
Discovery Commons

A Commitment to Sustainability

ACCESS TO GREEN SPACE

ACCESS TO ART

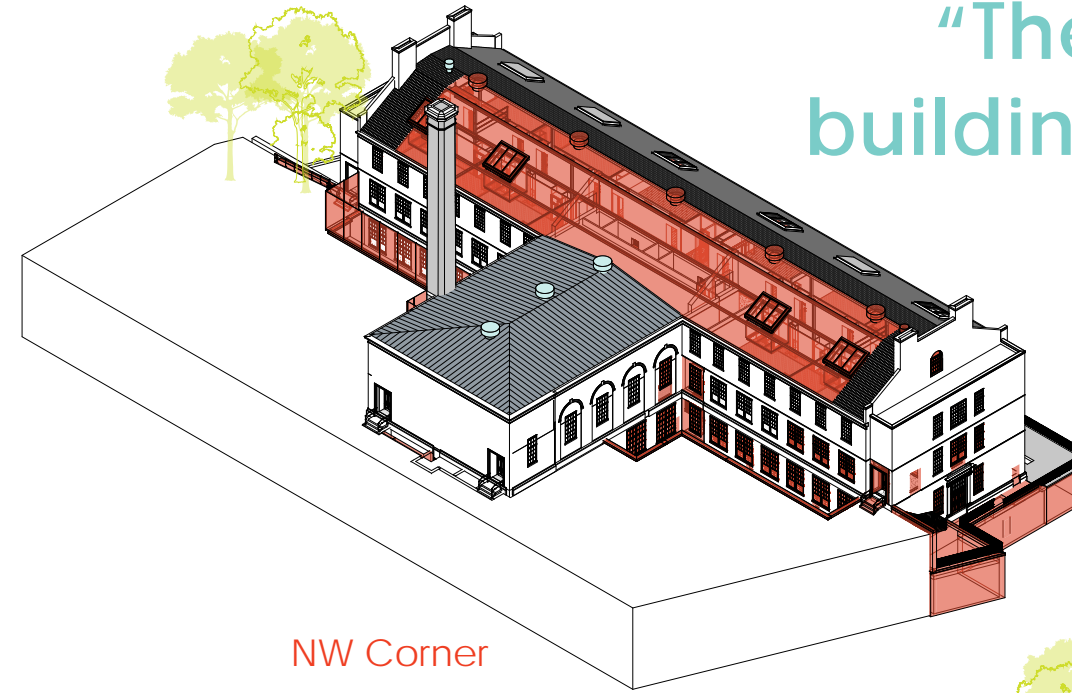
ESSENTIAL SPACE/FACILITIES

ACCESS TO NUTRITIOUS MEALS

SAFETY AND WELLBEING



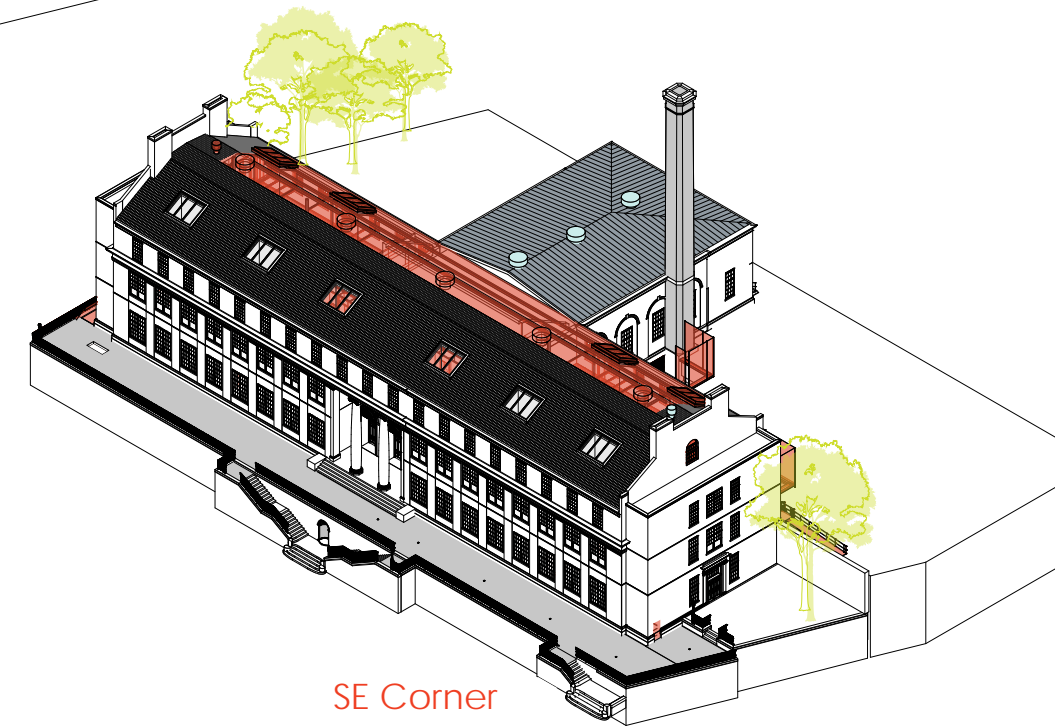
Storm Water Management Measures



NW Corner

“The most sustainable building is the one that is already built”.

Carl Elefante



SE Corner



Sustainability Dashboard

- LEED Gold
- 92% of the Existing Exterior Envelope Maintained
- Net Zero ready with an Energy Use Intensity of 21
- Energy Use Reduction of 32.4% with the use of efficient water source heat pumps, high performing building envelope, LED lighting
- 100% of Storm Water Management Retention with greenroofs and bio-retention ponds
- Biophilic Design with access to ample natural light and views

SUSTAINABLE DESIGN HIGHLIGHTS





4

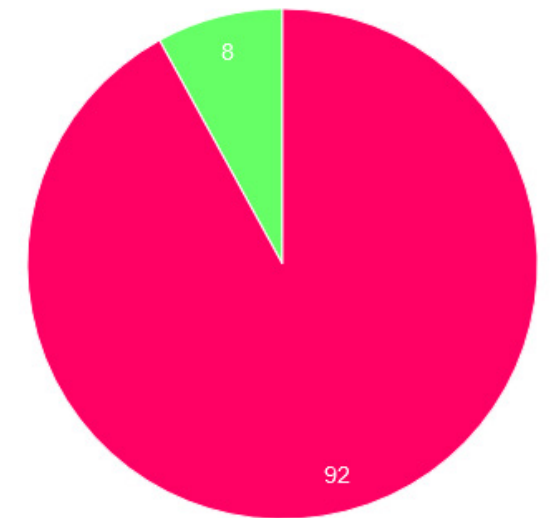
WHITLOCK ELEMENTARY

Demographics

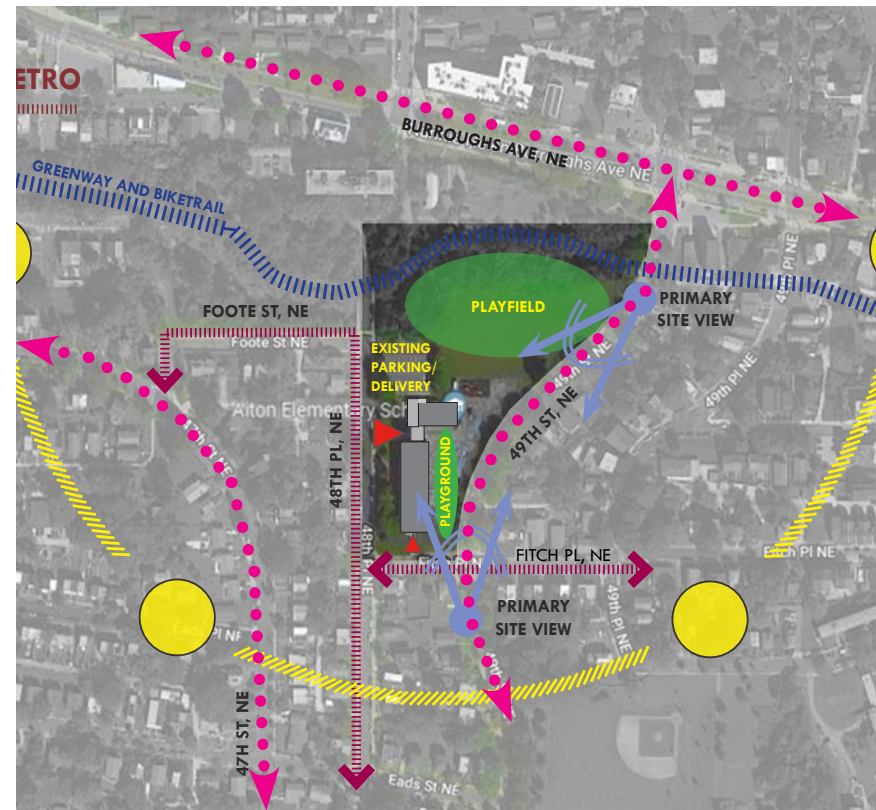
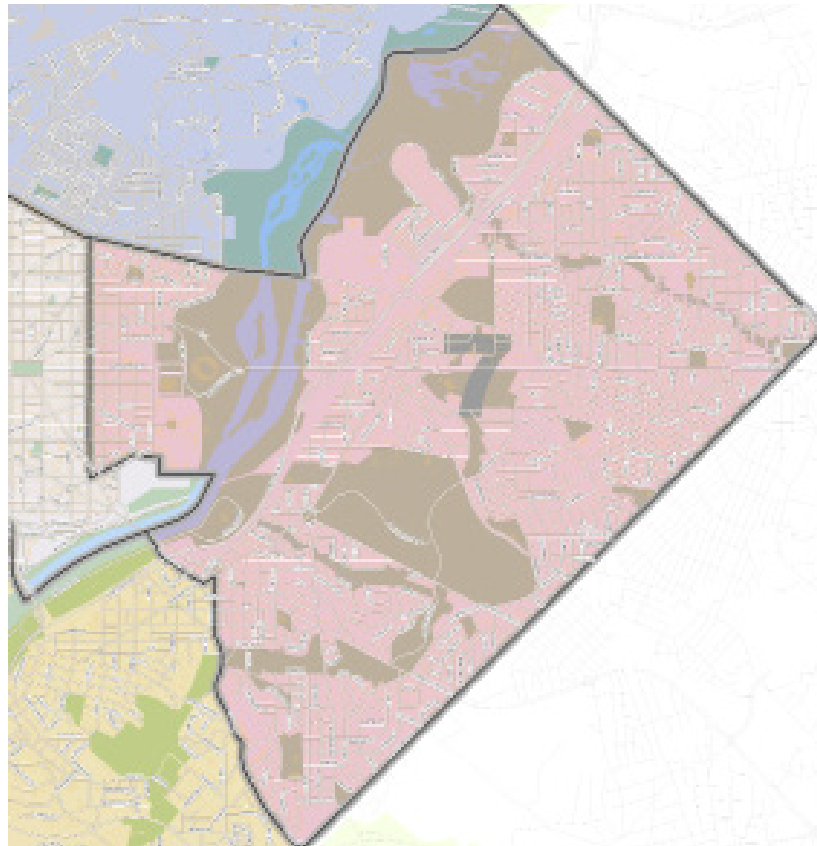
- 92% Black
- 8% Hispanic/Latino
- 87.1% at risk (homeless, low income, foster family)

School Programs:

- After School Care
- School Uniforms
- Early-Action Pre-K



Whitlock Elementary School



Indicator Scorecard

ACCESS TO GREEN SPACE

4 → 5

ACCESS TO ART

1 → 4

ESSENTIAL SPACE/FACILITIES

2 → 5

EQUITABLE ACCESSIBILITY

3 → 5

ACCESS TO NUTRITIOUS MEALS

1 → 5

SAFETY AND WELLBEING

1 → 4

Scale from 1 - 5

Rehabilitation of Aging Structures and Thoughtful Additions

ACCESS TO GREEN SPACE

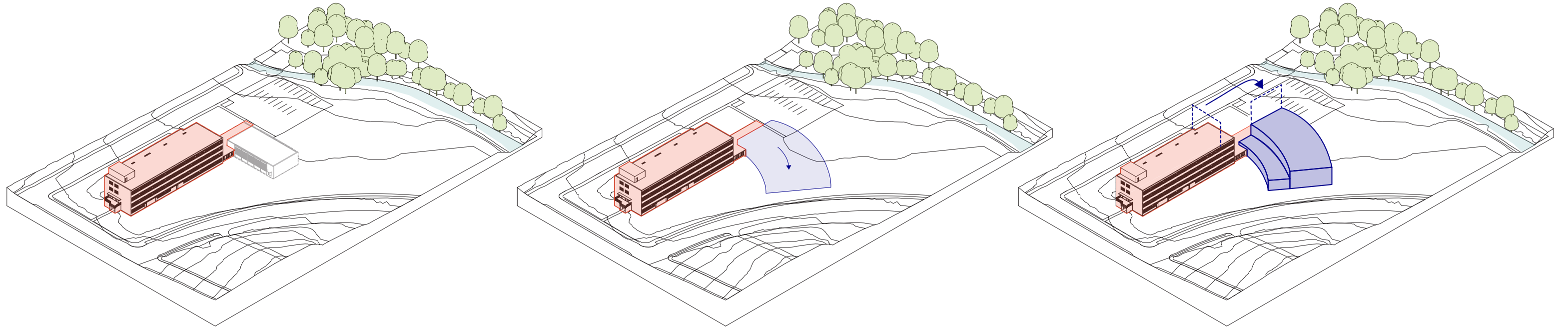
ACCESS TO ART

ESSENTIAL SPACE/FACILITIES

EQUITABLE ACCESSIBILITY

ACCESS TO NUTRITIOUS MEALS

SAFETY AND WELLBEING



FOCUSING OUTWARDS - RECONNECTING WITH THE COMMUNITY AND THE NATURAL LANDSCAPE



Rehabilitation of Aging Structures and Thoughtful Additions

ACCESS TO GREEN SPACE

ACCESS TO ART

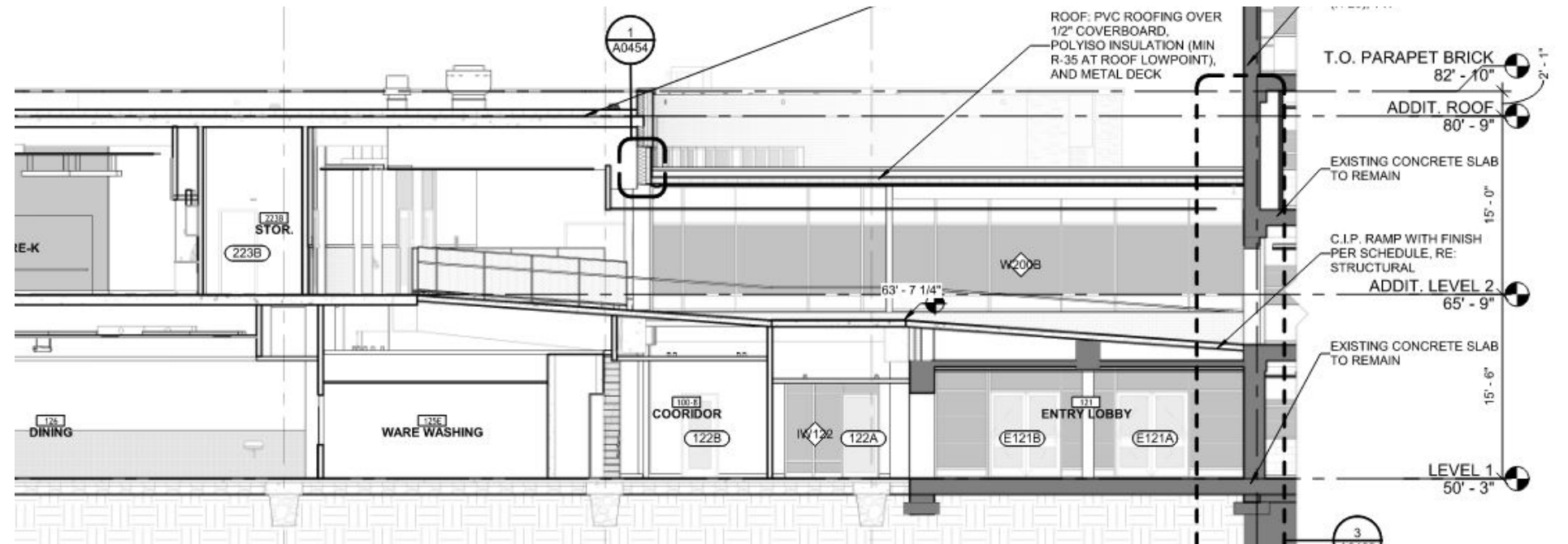
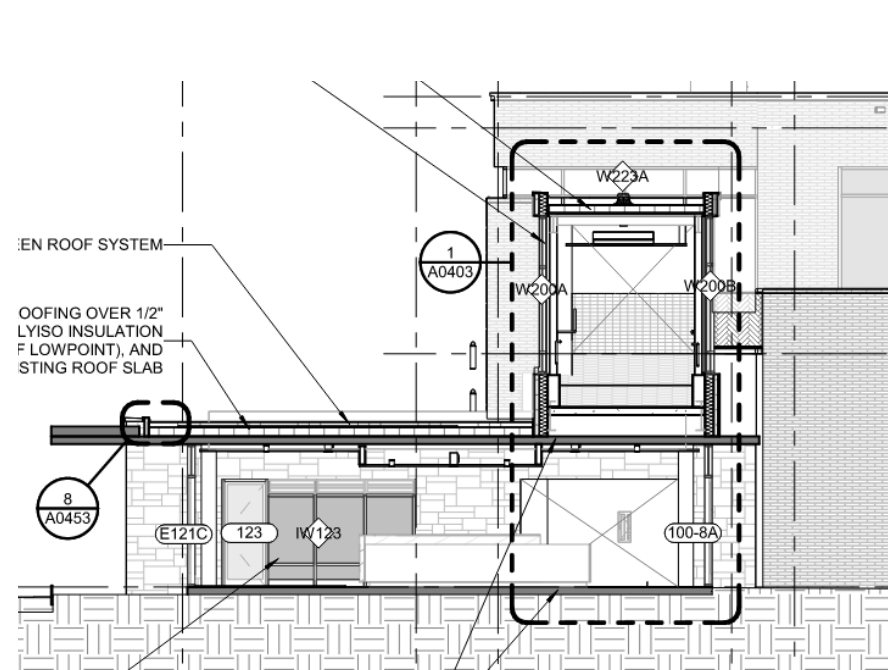
ESSENTIAL SPACE/FACILITIES

EQUITABLE ACCESSIBILITY

ACCESS TO NUTRITIOUS MEALS

SAFETY AND WELLBEING

CREATING A DIALOGUE AND RESPECTING THE PAST





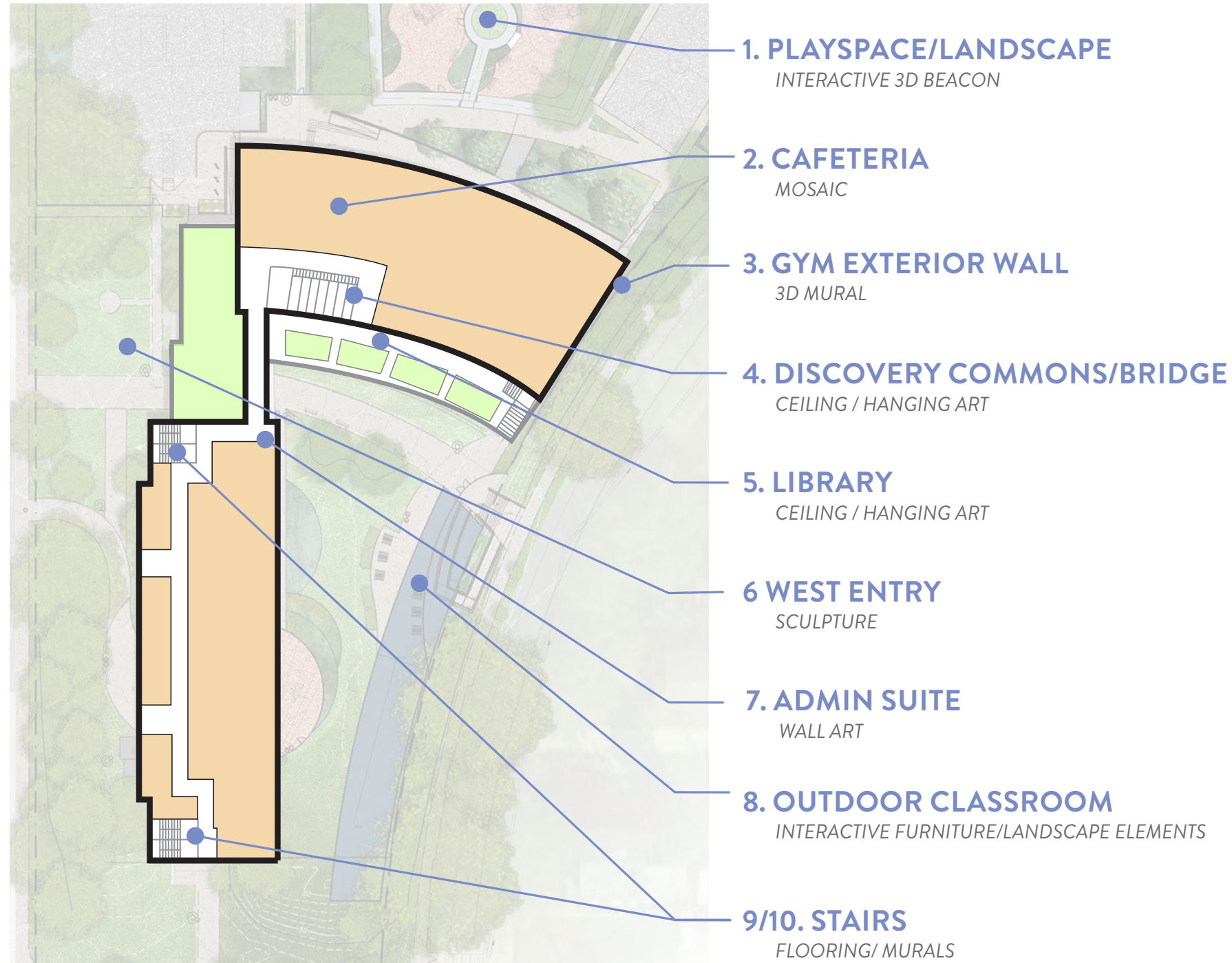


A Robust Art Program

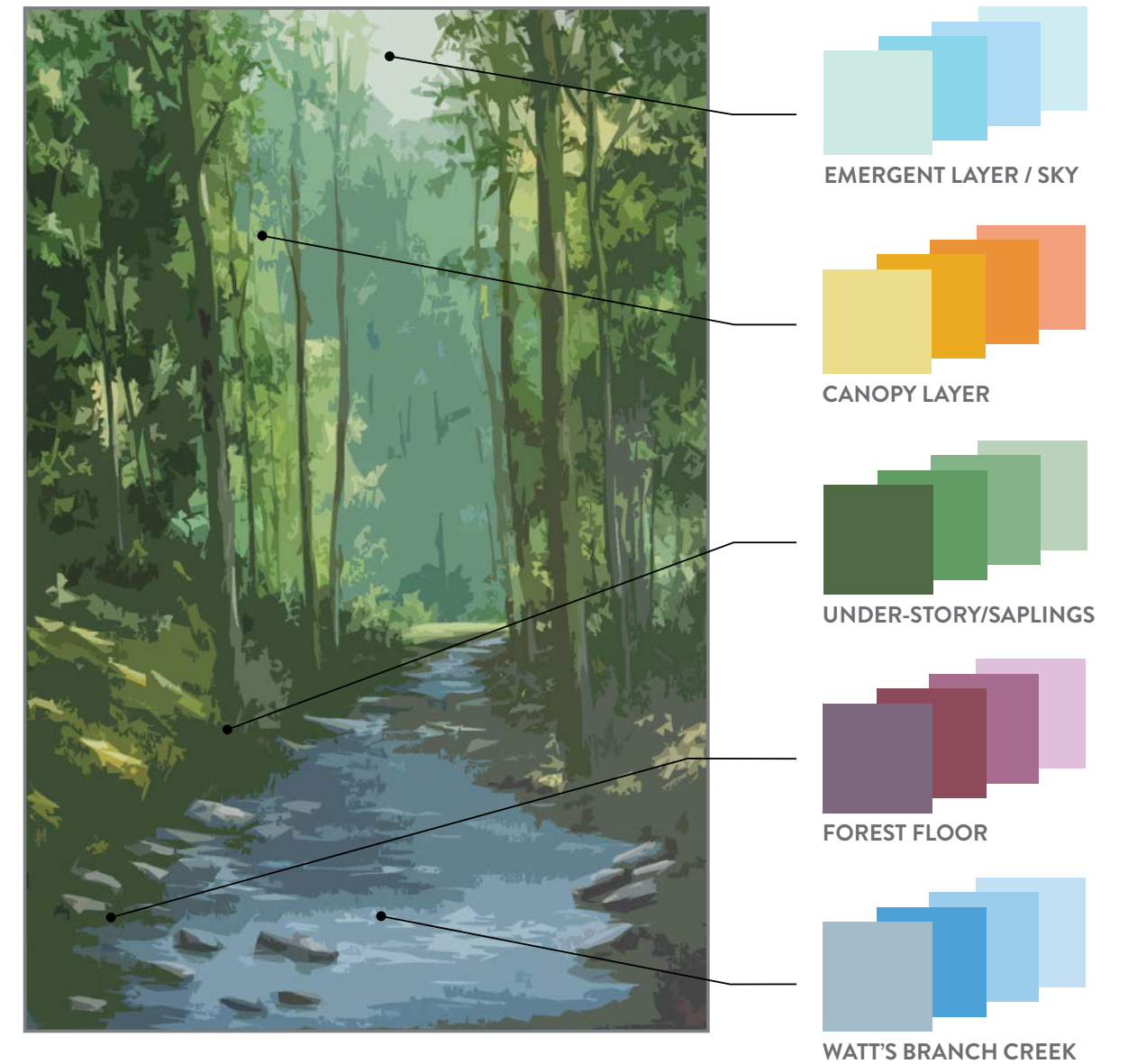
ACCESS TO ART

ESSENTIAL SPACE/FACILITIES

SAFETY AND WELLBEING



INTEGRATING ART WITH THEMES OF GROWTH AND LOCAL HISTORY

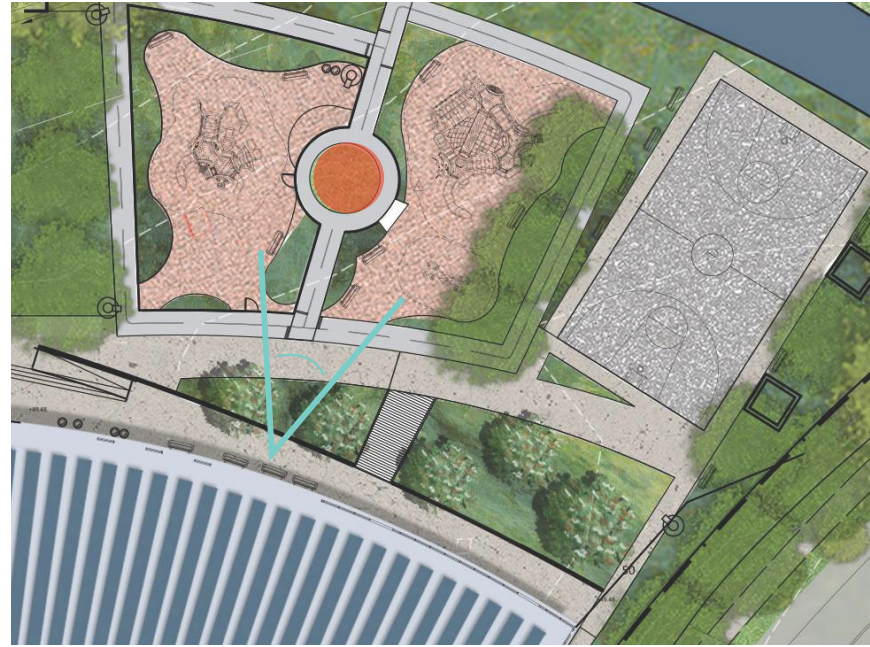


A Robust Art Program

ACCESS TO ART

ESSENTIAL SPACE/FACILITIES

SAFETY AND WELLBEING



INTERACTIVE 3D BEACON - PLAYFUL + RELATES TO NATURE



A Robust Art Program

ACCESS TO ART

ESSENTIAL SPACE/FACILITIES

SAFETY AND WELLBEING



Gym Relief Mural by VHILS



Outdoor Classroom Sculptures



Main Entry Sculpture

Districtwide Educational Specifications

ACCESS TO GREEN SPACE

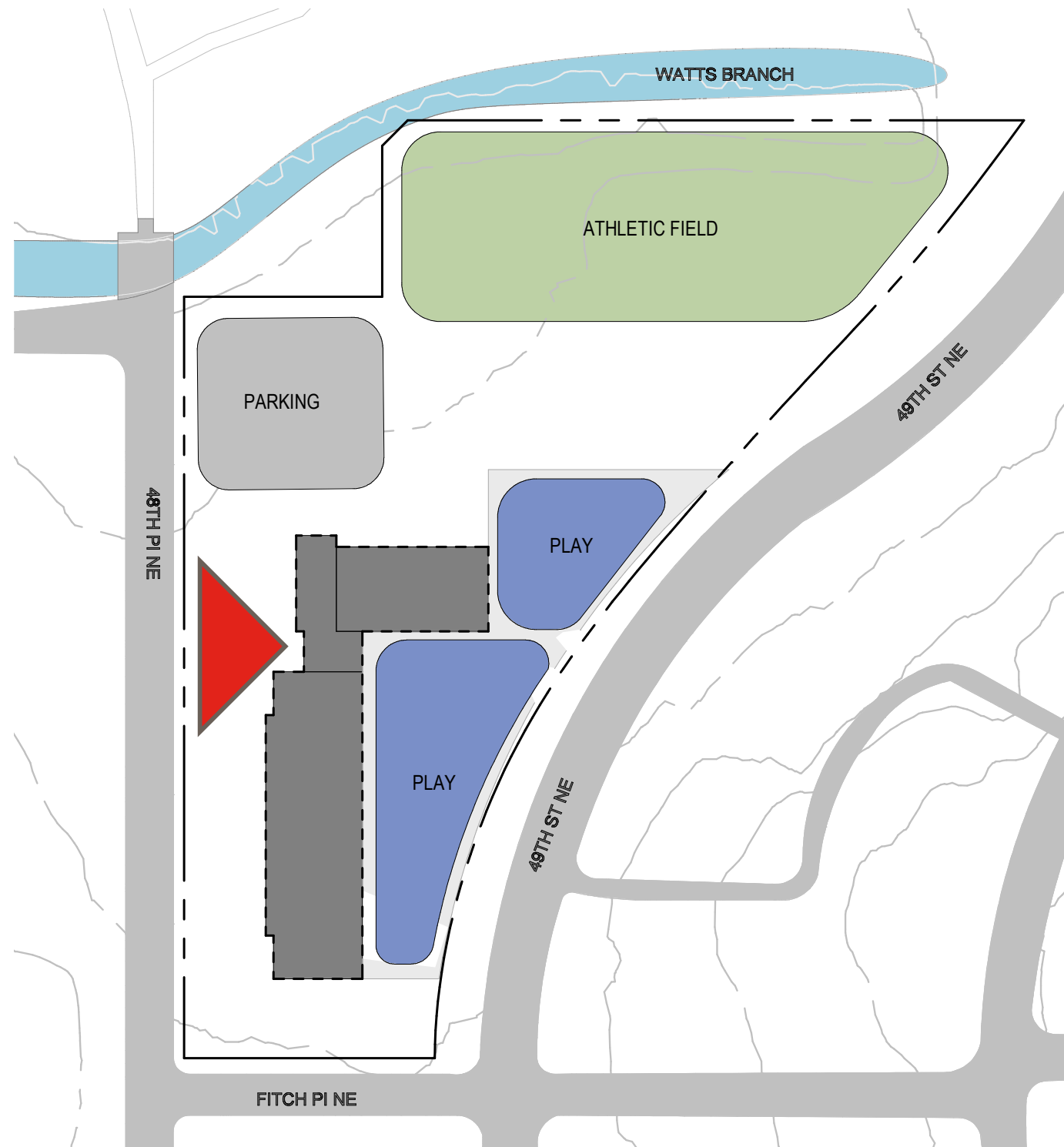
ACCESS TO ART

ESSENTIAL SPACE/FACILITIES

EQUITABLE ACCESSIBILITY

ACCESS TO NUTRITIOUS MEALS

SAFETY AND WELLBEING



SPACE NEEDS

- Original historic GSF = 57,000
- Required SF per Ed Spec = 76,000

CHILD DEVELOPMENT CENTER (4480 / 6000 SF)



PRE-K (49,022 / 68,141 SF)



K - G1



G2 - G5



SPECIALS



DC



ADMIN



HEALTH



BUILDING SERVICES



DINING



GYM



LIBRARY



Districtwide Educational Specifications

ACCESS TO GREEN SPACE

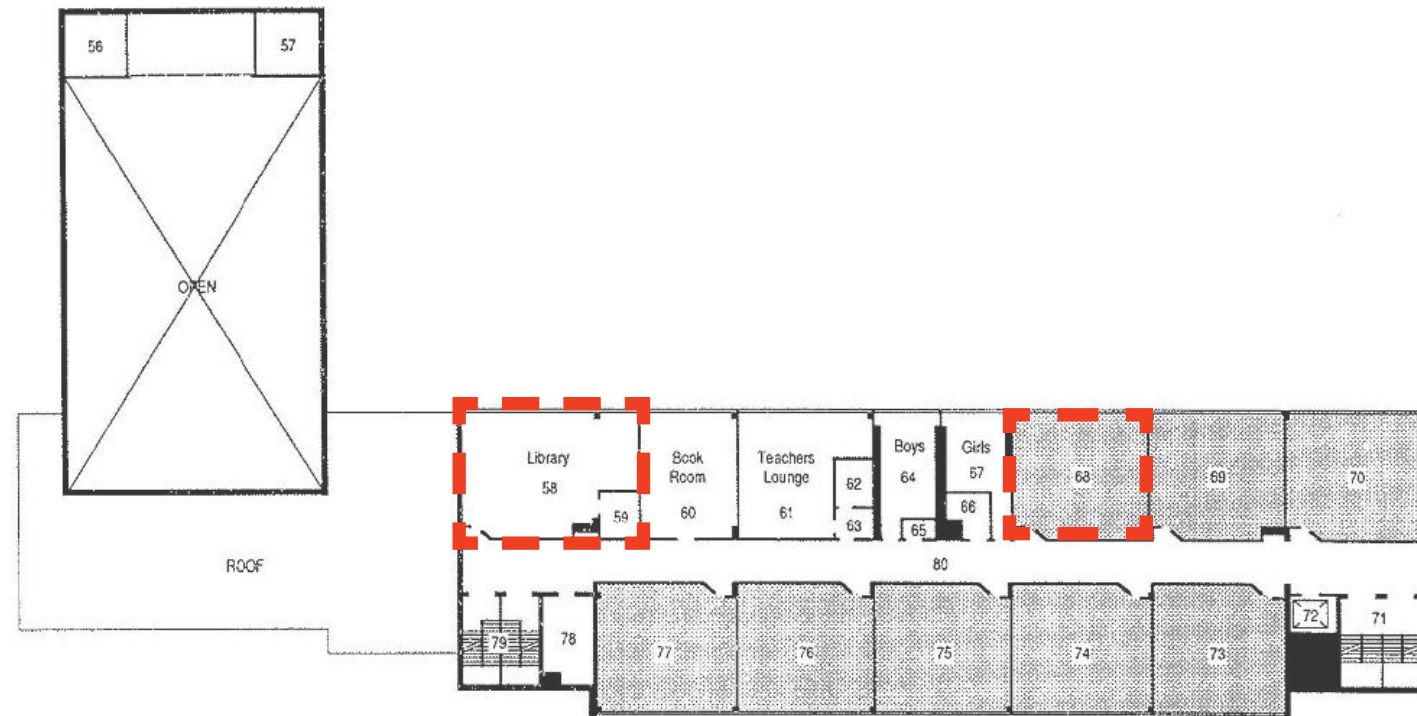
ACCESS TO ART

ESSENTIAL SPACE/FACILITIES

EQUITABLE ACCESSIBILITY

ACCESS TO NUTRITIOUS MEALS

SAFETY AND WELLBEING



Former Level 2



Former Level 1

SPACE NEEDS

- Existing classroom sizes = 680 SF
- Required PK-1 classroom size = 1025 sf
- Required G2-5 classroom size = 900 sf

- Existing library size = 930 SF
- Required library size = 3950 sf



Former Library

Districtwide Educational Specifications

ACCESS TO GREEN SPACE

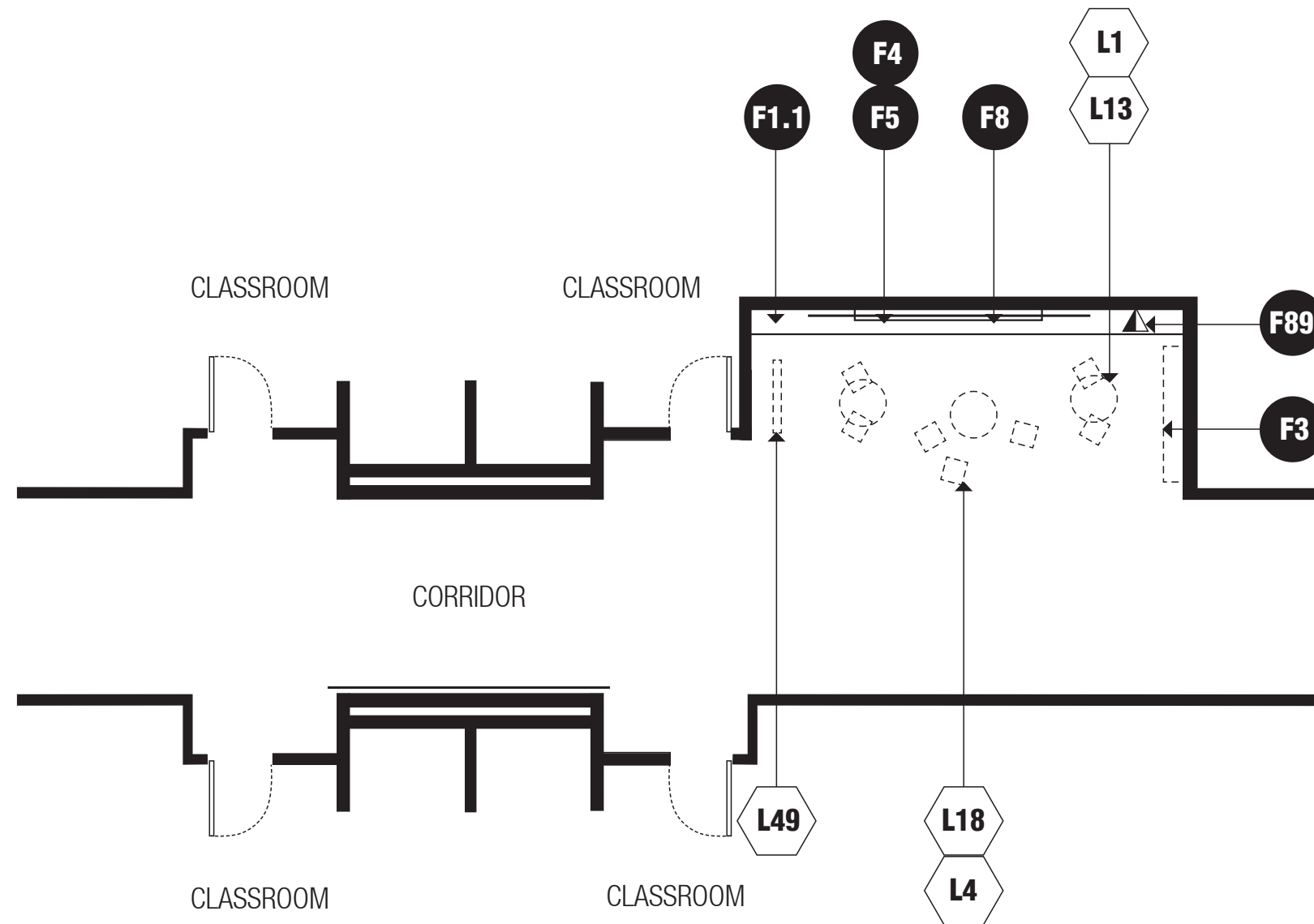
ACCESS TO ART

ESSENTIAL SPACE/FACILITIES

EQUITABLE ACCESSIBILITY

ACCESS TO NUTRITIOUS MEALS

SAFETY AND WELLBEING



LEGEND ///

● fixed furnishings

TBD - based on age and school preference, may include:

- F1.1 casework (countertops)
- F3 wall shelving (lockable)
- F4 magnetic marker board (6 LF minimum)
- F5 tackable wall surface (6 LF minimum)
- F8 wall mounted interactive electronic presentation device (optional)

▶ F89 data drop*

*coordinate with DCPS on latest IT infrastructure requirements for data drops, phones, desktop computers, and fax

◻ loose furnishings

mixture of the following to support multiple learning activities in multiple learning configurations:

- L1 stackable/nesting chairs
- L4 soft seating
- L13 small tables
- L18 lounge chairs

E-ACA-8 /// **DISCOVERY COMMONS ACTIVITY AREA**

Districtwide Educational Specifications

ACCESS TO GREEN SPACE

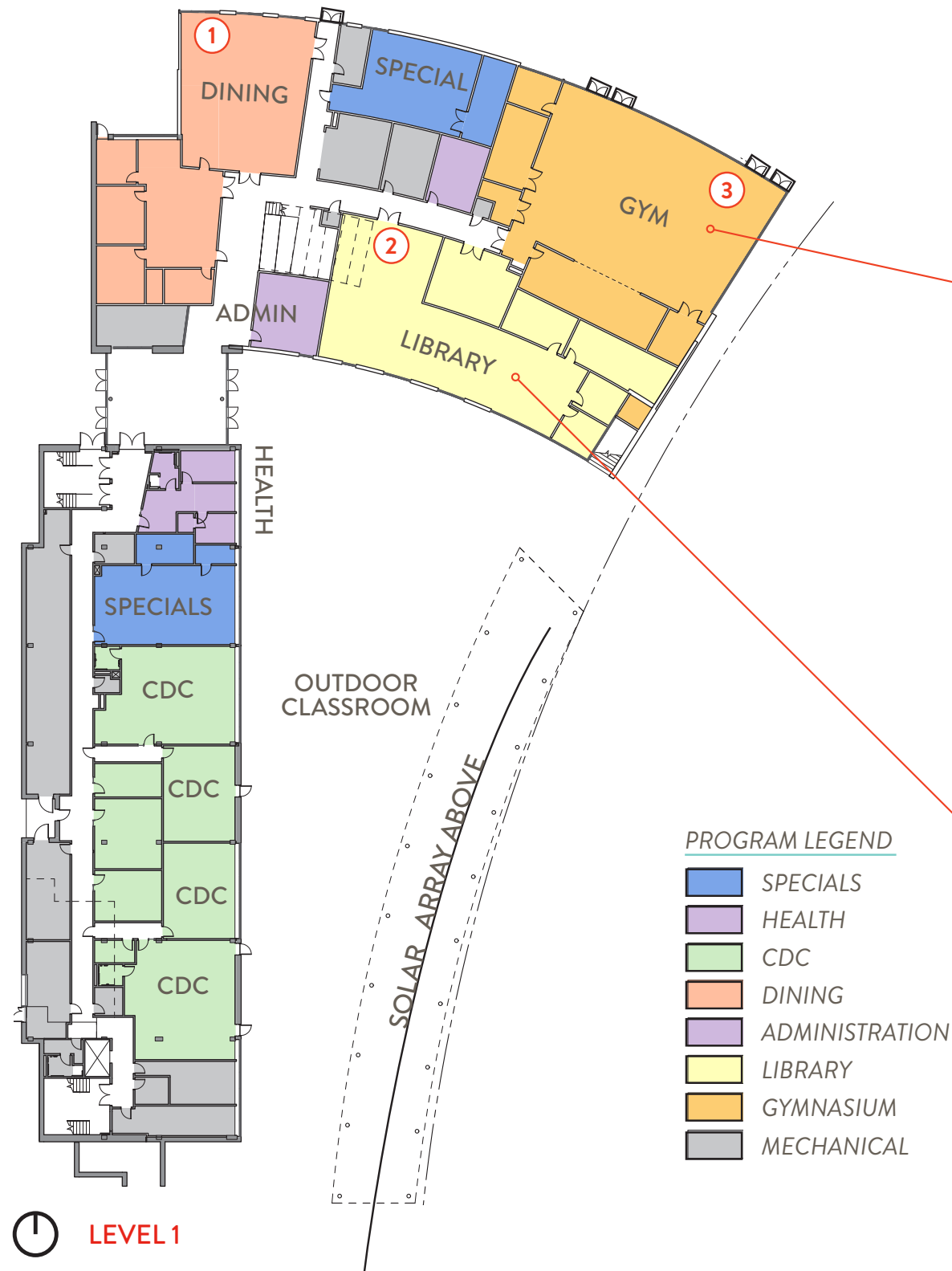
ACCESS TO ART

ESSENTIAL SPACE/FACILITIES

EQUITABLE ACCESSIBILITY

ACCESS TO NUTRITIOUS MEALS

SAFETY AND WELLBEING



Districtwide Educational Specifications

ACCESS TO GREEN SPACE

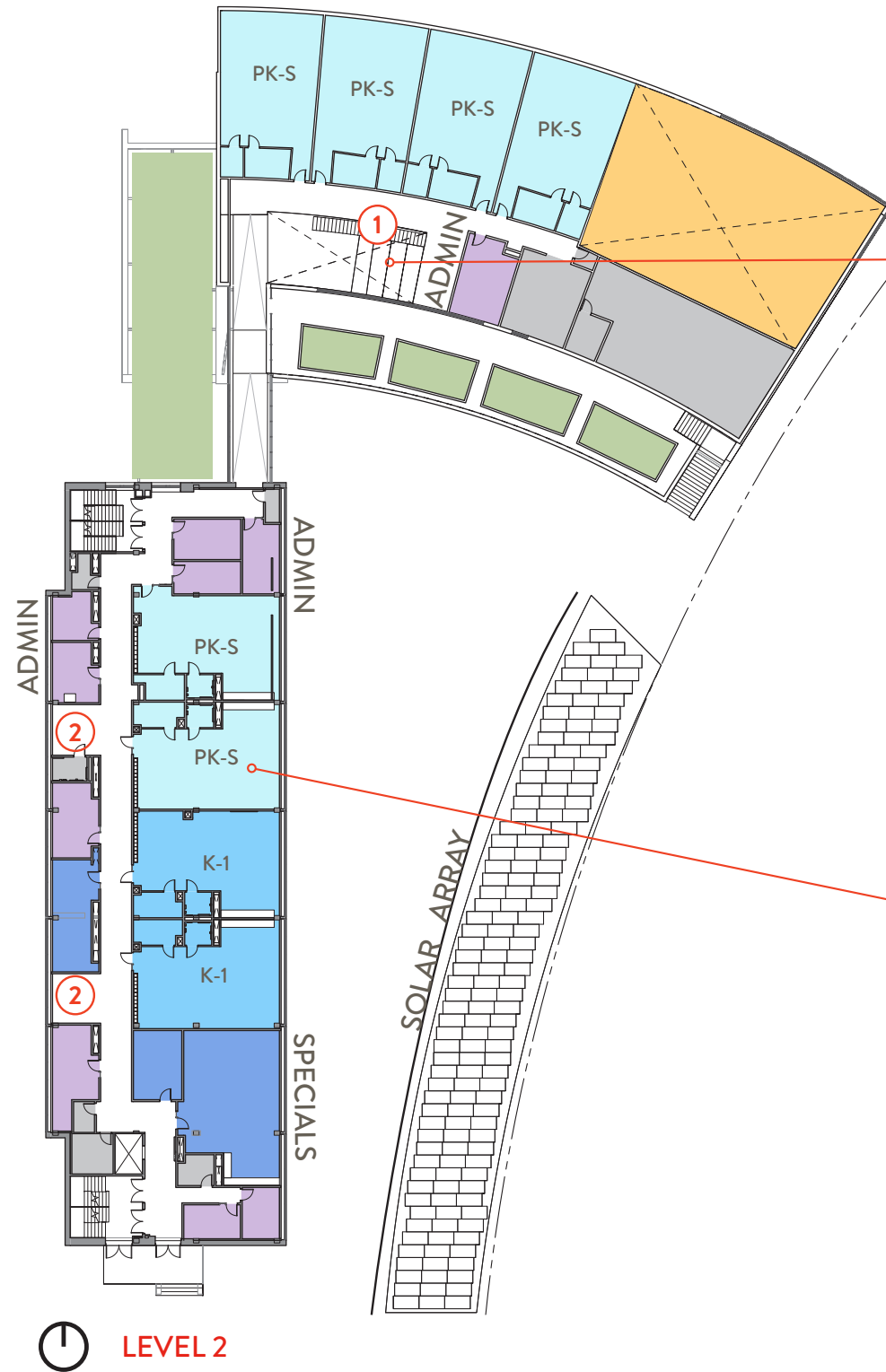
ACCESS TO ART

ESSENTIAL SPACE/FACILITIES

EQUITABLE ACCESSIBILITY

ACCESS TO NUTRITIOUS MEALS

SAFETY AND WELLBEING



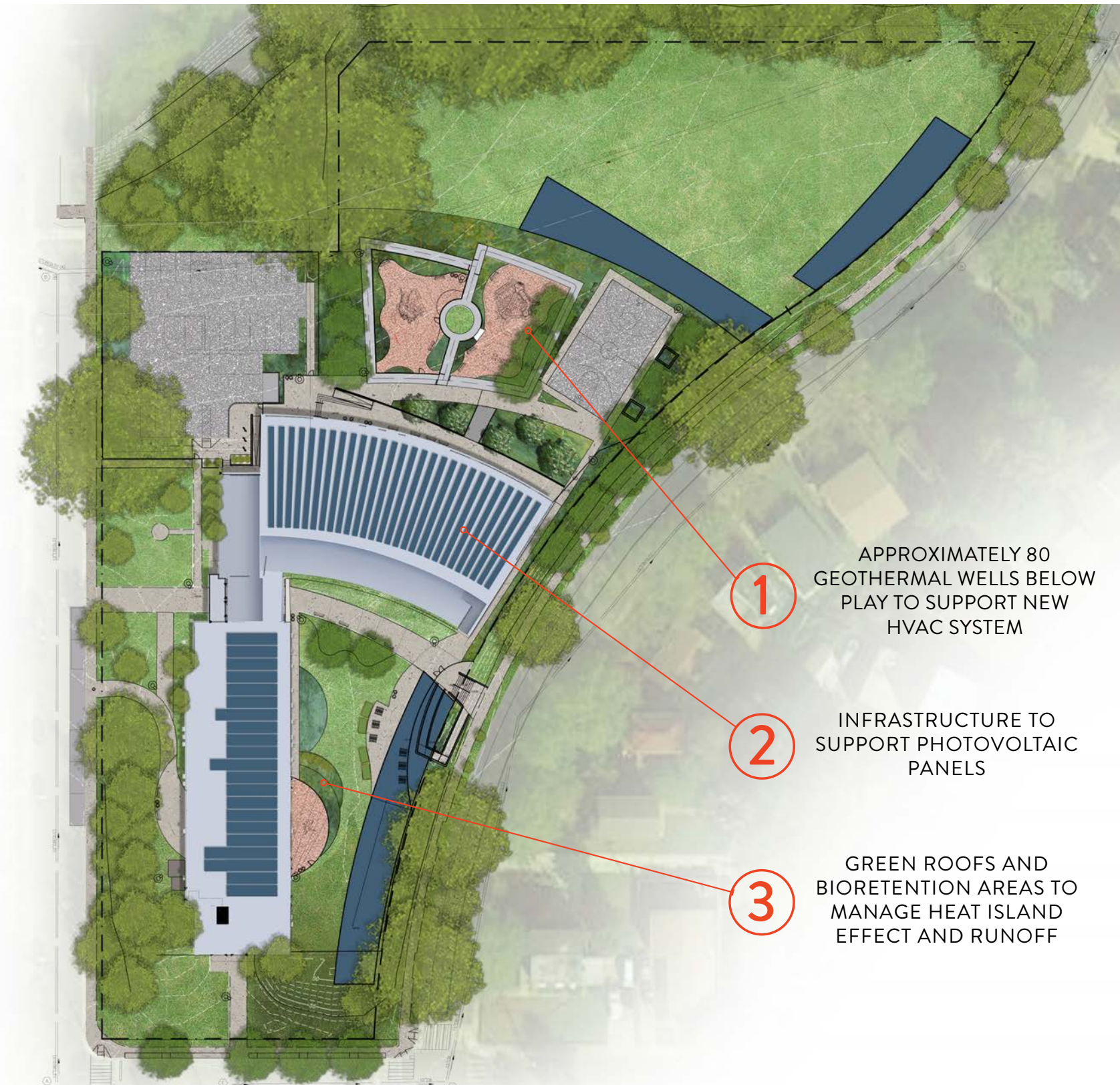


A Commitment to Sustainability

ACCESS TO GREEN SPACE

ESSENTIAL SPACE/FACILITIES

SAFETY AND WELLBEING



DESIGNING A LEED GOLD AND NET ZERO READY SCHOOL

- Building forward thinking sustainable schools allows students to have the space and technology they need without adverse effects to the surrounding environment and high operational costs
- LEED and WELL certification protects the health and well being of students and staff by prioritizing access to natural light, proper ventilation, and localized temperature control



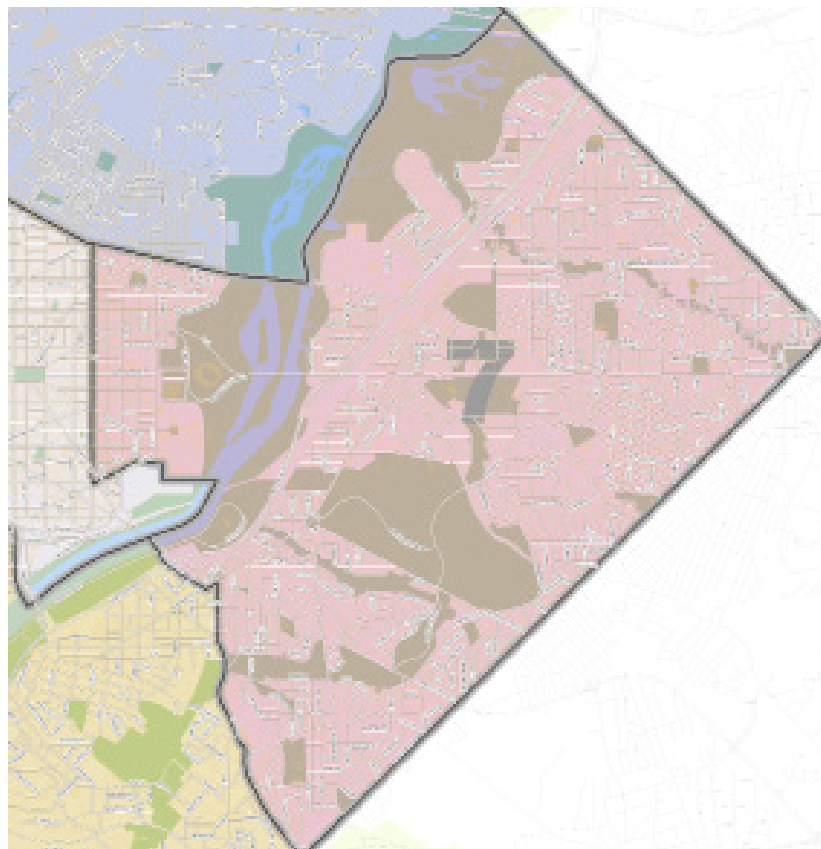
5

KENILWORTH SWINGSPACE

DEMOGRAPHICS

- Varies (DCPS Swing Space)

Kenilworth Swing Space



Indicator Scorecard

ACCESS TO GREEN SPACE

5 → 5

ACCESS TO ART

1 → 1

ESSENTIAL SPACE/FACILITIES

2 → 5

EQUITABLE ACCESSIBILITY

2 → 4

ACCESS TO NUTRITIOUS MEALS

1 → 4

SAFETY AND WELLBEING

1 → 4

Scale from 1 - 5

Kenilworth Swing Space

ACCESS TO GREEN SPACE

ESSENTIAL SPACE/FACILITIES

EQUITABLE ACCESSIBILITY

ACCESS TO NUTRITIOUS MEALS

SAFETY AND WELLBEING



Rehabilitation of Aging Structures and Thoughtful Additions

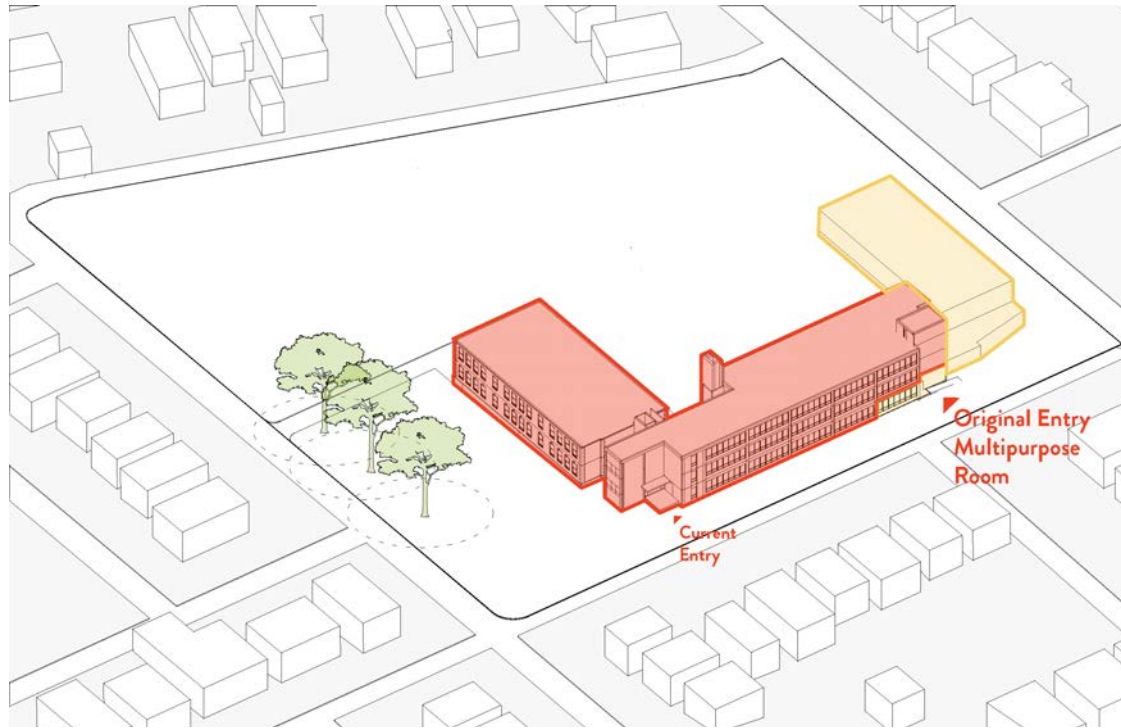
ACCESS TO GREEN SPACE

ESSENTIAL SPACE/FACILITIES

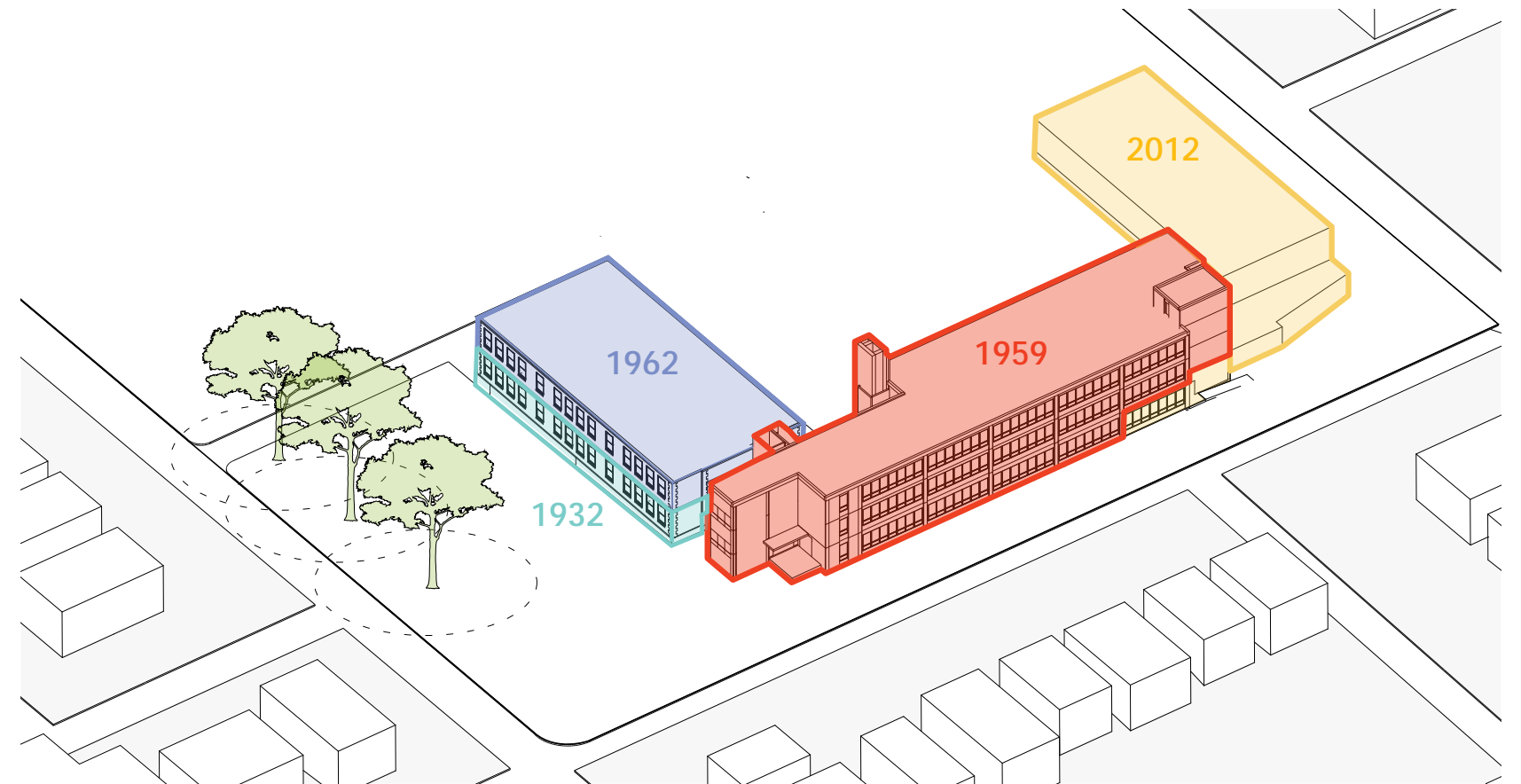
EQUITABLE ACCESSIBILITY

ACCESS TO NUTRITIOUS MEALS

SAFETY AND WELLBEING



Original School, 1932



Existing Site Program, 2024

Rehabilitation of Aging Structures and Thoughtful Additions

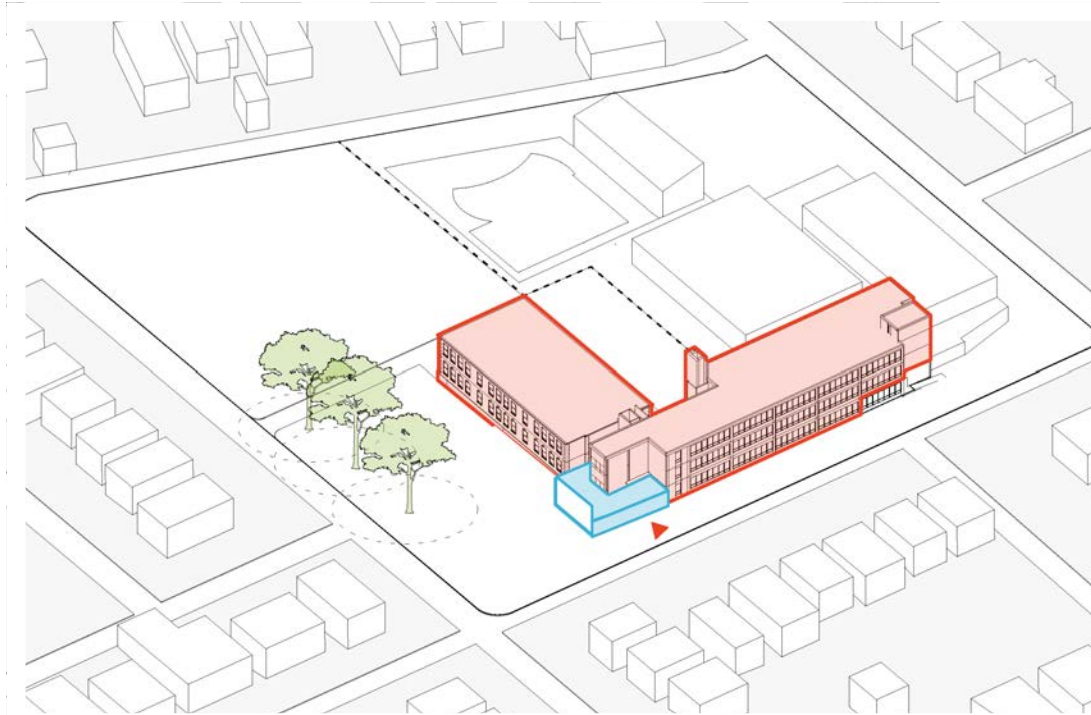
ACCESS TO GREEN SPACE

ESSENTIAL SPACE/FACILITIES

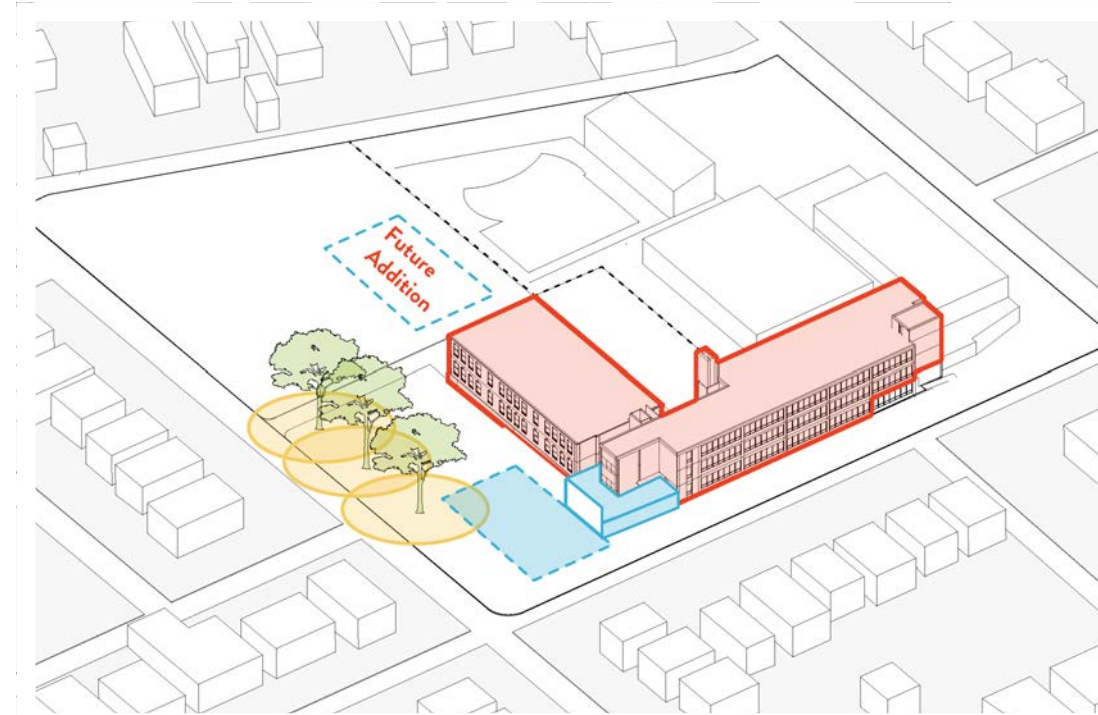
EQUITABLE ACCESSIBILITY

ACCESS TO NUTRITIOUS MEALS

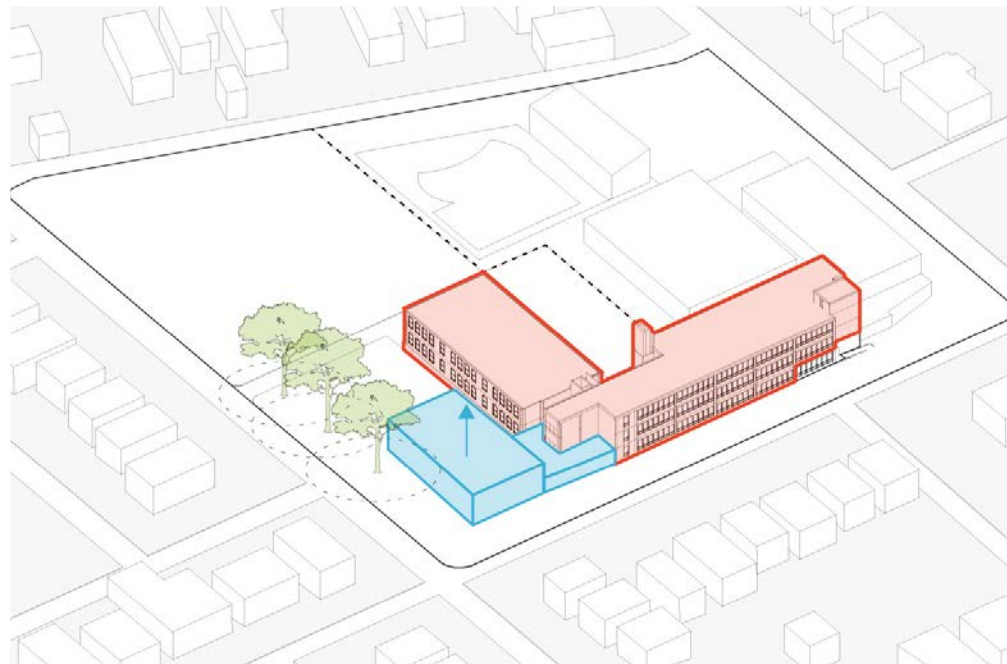
SAFETY AND WELLBEING



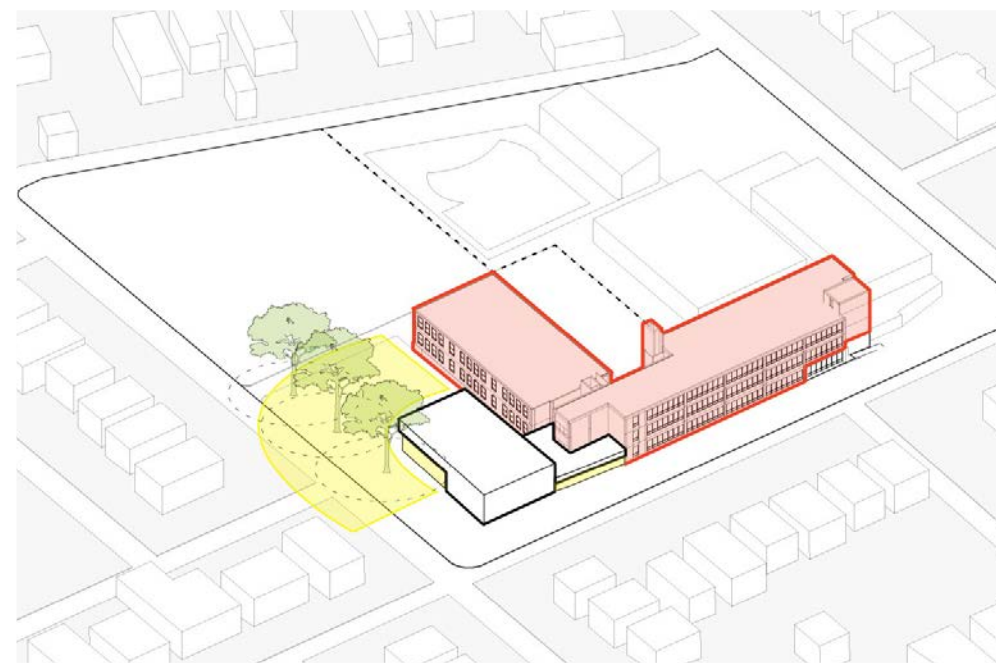
Step 1: Create Improved Entry and



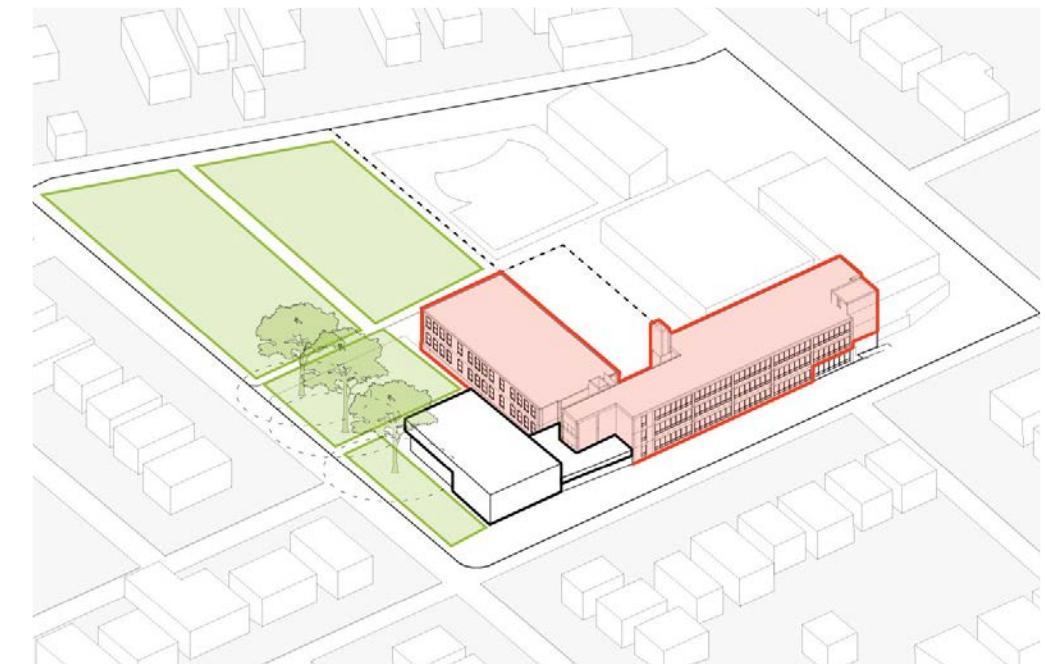
Step 2: Locate Addition to Allow for Future Expansion while Preserving Heritage Trees



Step 3: Place Civically Scaled Mass at Corner of Site



Step 4: Locate Openings to Provide Views of Site and Neighborhood



Step 5: Connect Addition with Site through Improved Landscapes



Rehabilitation of Aging Structures and Thoughtful Additions

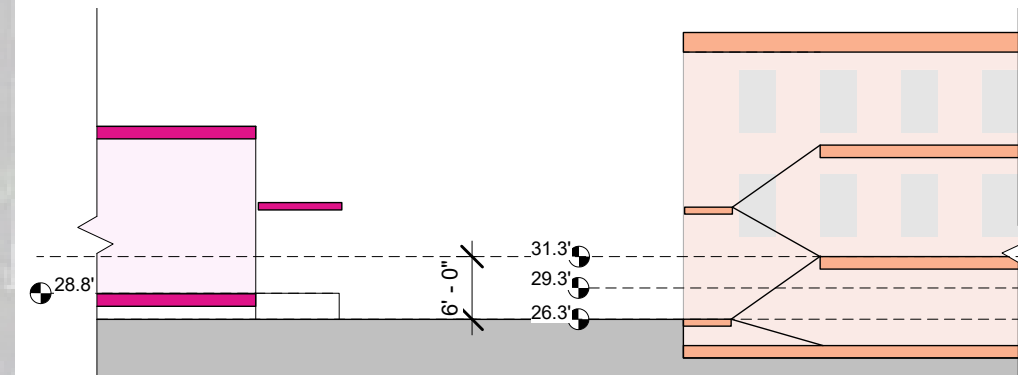
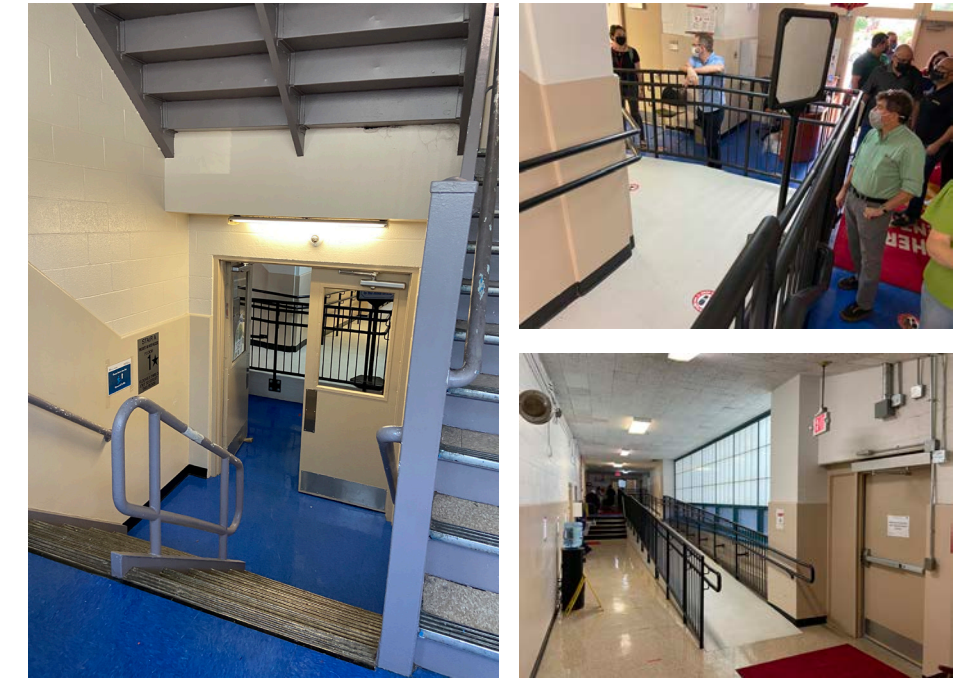
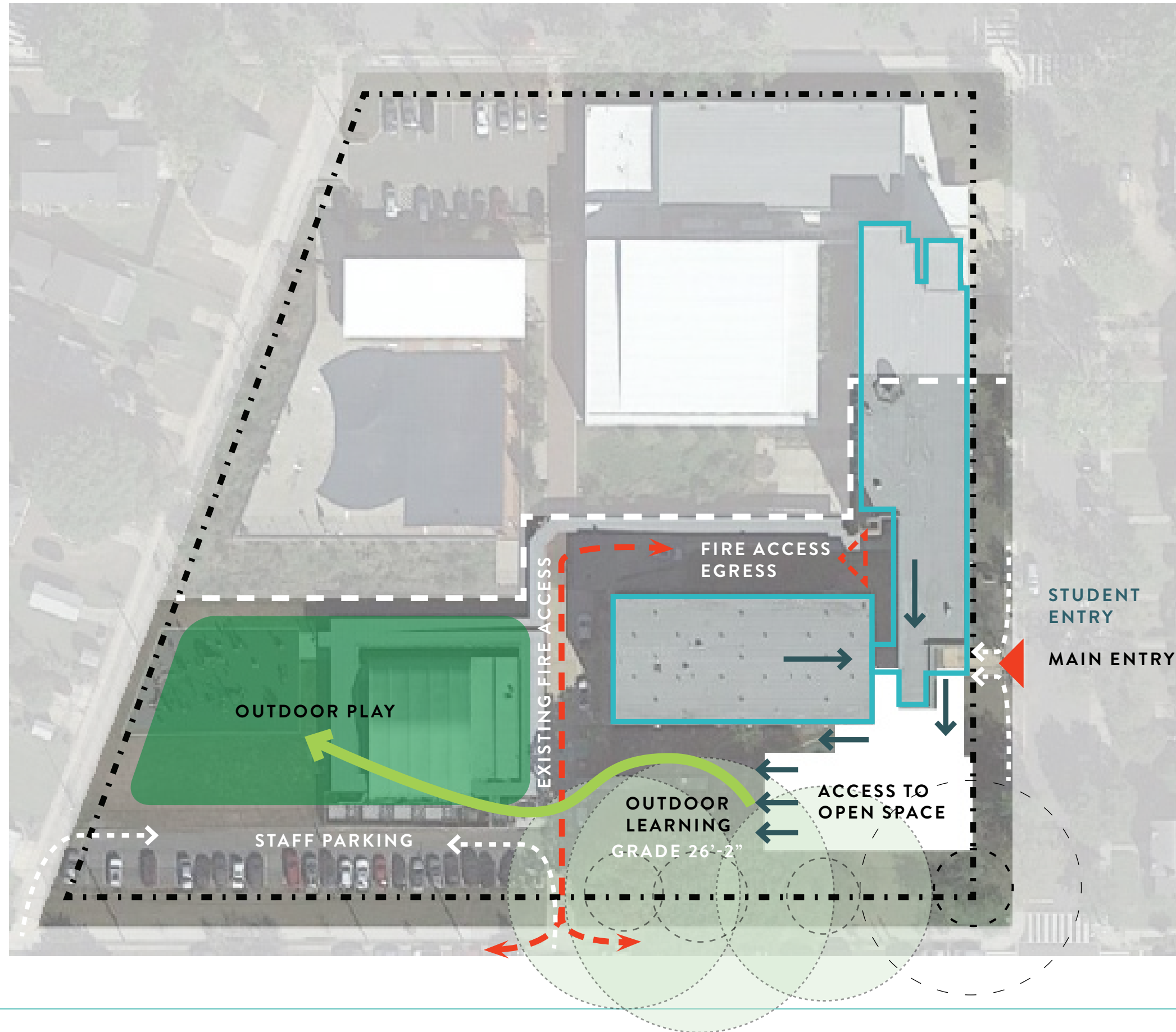
ACCESS TO GREEN SPACE

ESSENTIAL SPACE/FACILITIES

EQUITABLE ACCESSIBILITY

ACCESS TO NUTRITIOUS MEALS

SAFETY AND WELLBEING



Diagrammatic Existing Building Section



Districtwide Educational Specifications

ACCESS TO GREEN SPACE

ESSENTIAL SPACE/FACILITIES

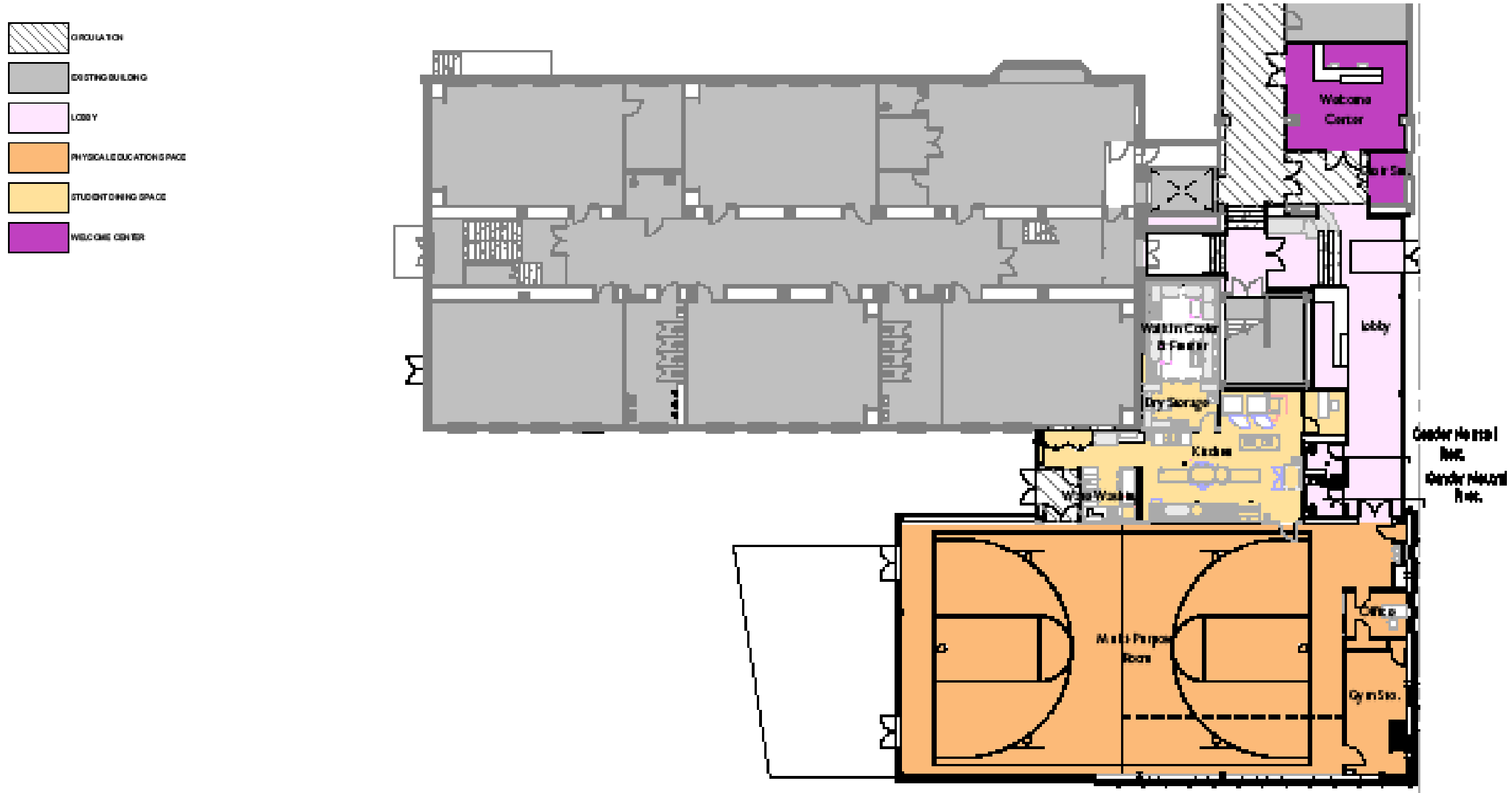
EQUITABLE ACCESSIBILITY

ACCESS TO NUTRITIOUS MEALS

SAFETY AND WELLBEING

SPACE NEEDS

- Original historic building = 44,000 gsf
- Renovation scope = 1,000 gsf
- Swing space addition = 7,000 gsf



Districtwide Educational Specifications

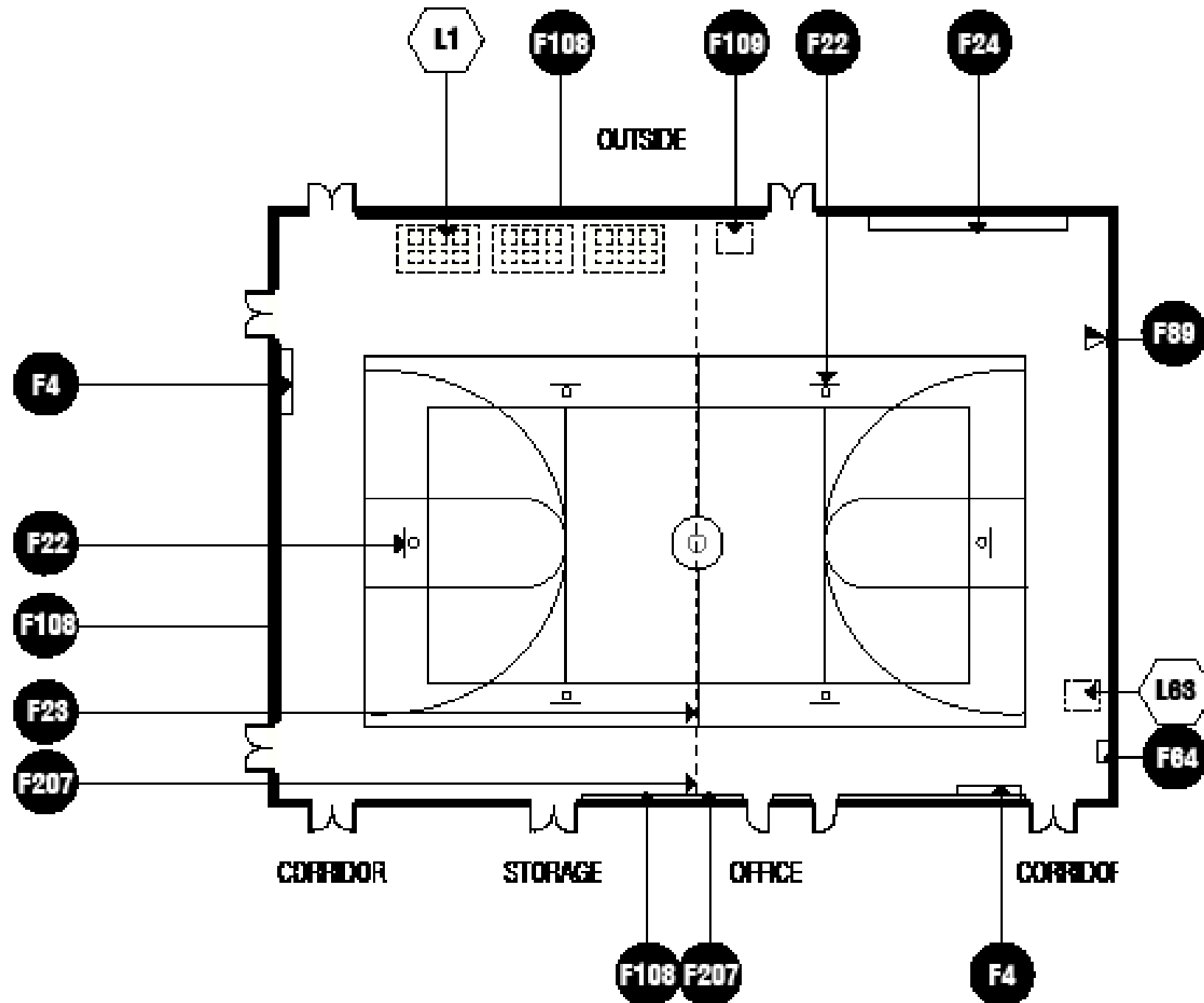
ACCESS TO GREEN SPACE

ESSENTIAL SPACE/FACILITIES

EQUITABLE ACCESSIBILITY

ACCESS TO NUTRITIOUS MEALS

SAFETY AND WELLBEING



size
3,400 - 5,000 SF (clear floor area)

capacity/users
school population
30 students per class
2-3 teachers/staff members
parents and community members for meetings

5,000 SF classroom should be lined to host two class sections at one time

auxiliary spaces
office
storage
chair storage
bicycle storage
outdoor PE storage
stage

spatial relationships
near public restrooms and staff locker/shower, with easy access
access to outdoor physical education and covered play areas
near parking
located with easy access to rest of school, but must be able to close off area for security during evening activities

goals
to provide space for PE classes to meet
to provide space for students to present performances

activities
athletic skills and leadership games

adaptive physical education
student assemblies, performances, and programs
lectures/teaching
community use

environmental considerations
uniform and controllable lighting
environmental sound control/acoustics
clear height of 20' from floor to nearest obstruction
electrical outlets for equipment
structure, lighting, and ducts designed not to trap PE balls
ceiling heights should be proportional to room volume
adjoining room with window darkening capabilities
proper AV equipment for front and back of house acoustics
80% of transverse gym walls to be non-glazed up to 5'
recessed floor sleeves for volleyball poles
bleachers are not a priority at this age range

LEGEND ///

- **fixed furnishings**
F4 magnetic marker board (6 LF minimum)

- F22 basketball operable goals (adjustable height, rims, hoops, ceiling hung, retractable)
- F23 operable partition-motorized
- F24 climbing wall
- F64 filtered water fountain with bubbler and bottle filler
- ▶ F89 data drop*
- F108 safety padding
- F109 stereo with Xbox and Wii connection ability (with connection to AV equipment/speakers from inside gym space)
- F207 motorized archery net
- *coordinate with DCPS on latest IT infrastructure requirements for data drops, phones, desktop computers, and fax

○ **loose furnishings**

- L1 stackable/nesting chairs
- L63 resource media cart
- see DGS Waste Guidelines for waste bin sizing and quantities

SPRITED, ENERGETIC, ACTIVE, LIVELY, COMMUNITY-BUILDING



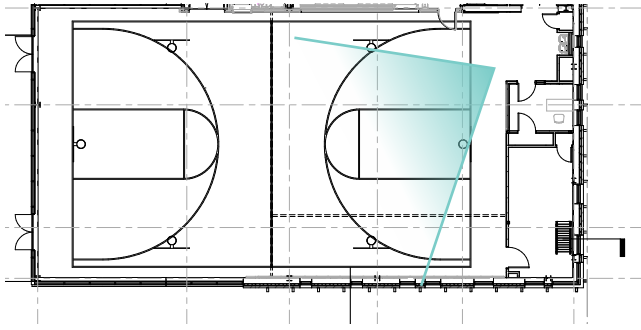
E-PE-1 /// GYMNASIUM

Districtwide Educational Specifications

ACCESS TO GREEN SPACE

EQUITABLE ACCESSIBILITY

SAFETY AND WELLBEING



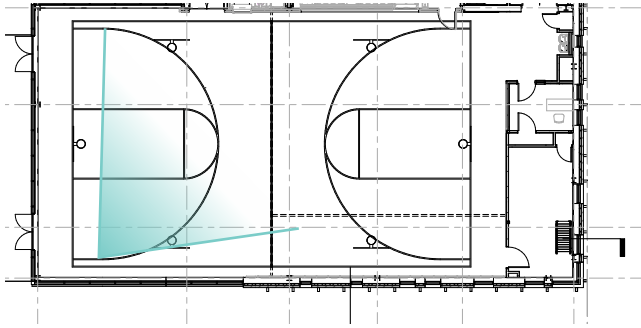
Multi Purpose room, Gym Scene

Districtwide Educational Specifications

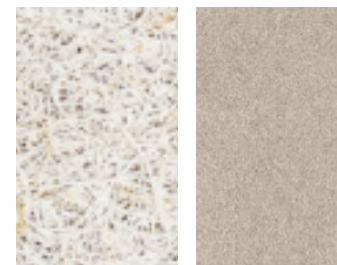
ACCESS TO GREEN SPACE

EQUITABLE ACCESSIBILITY

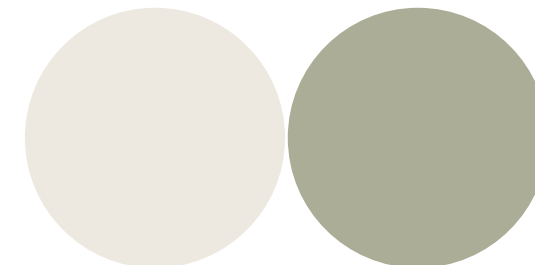
SAFETY AND WELLBEING



TARAFLEX® MULTI-USE 6.2
6684 WOOD BLACK



TECTUM DIRECT-ATTACH
WHITE/FOSSIL



SW7001
MARSHMALLOW

SW6178
CLARY SAGE



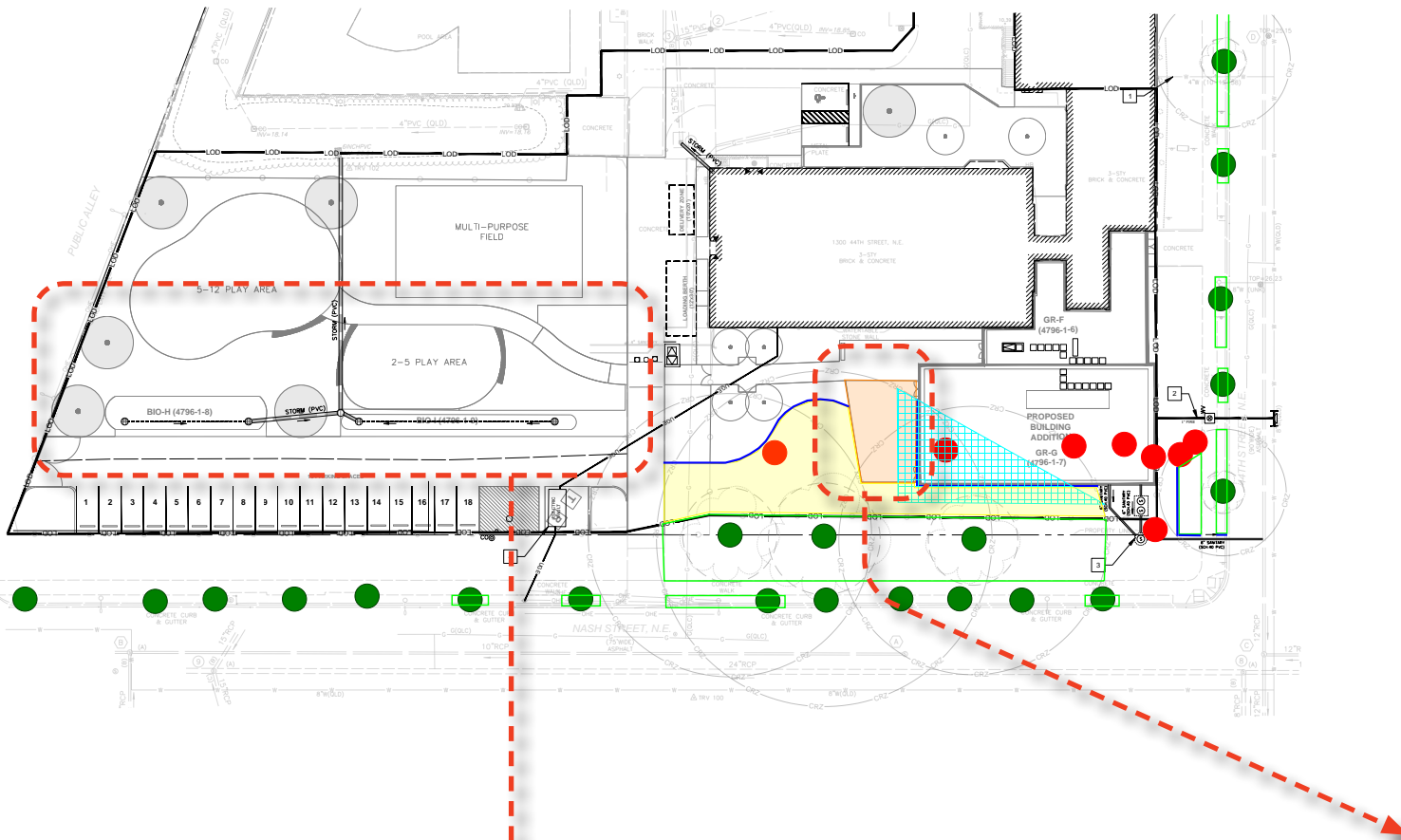
Multi Purpose room, Cafe Scene

Districtwide Educational Specifications

ACCESS TO GREEN SPACE

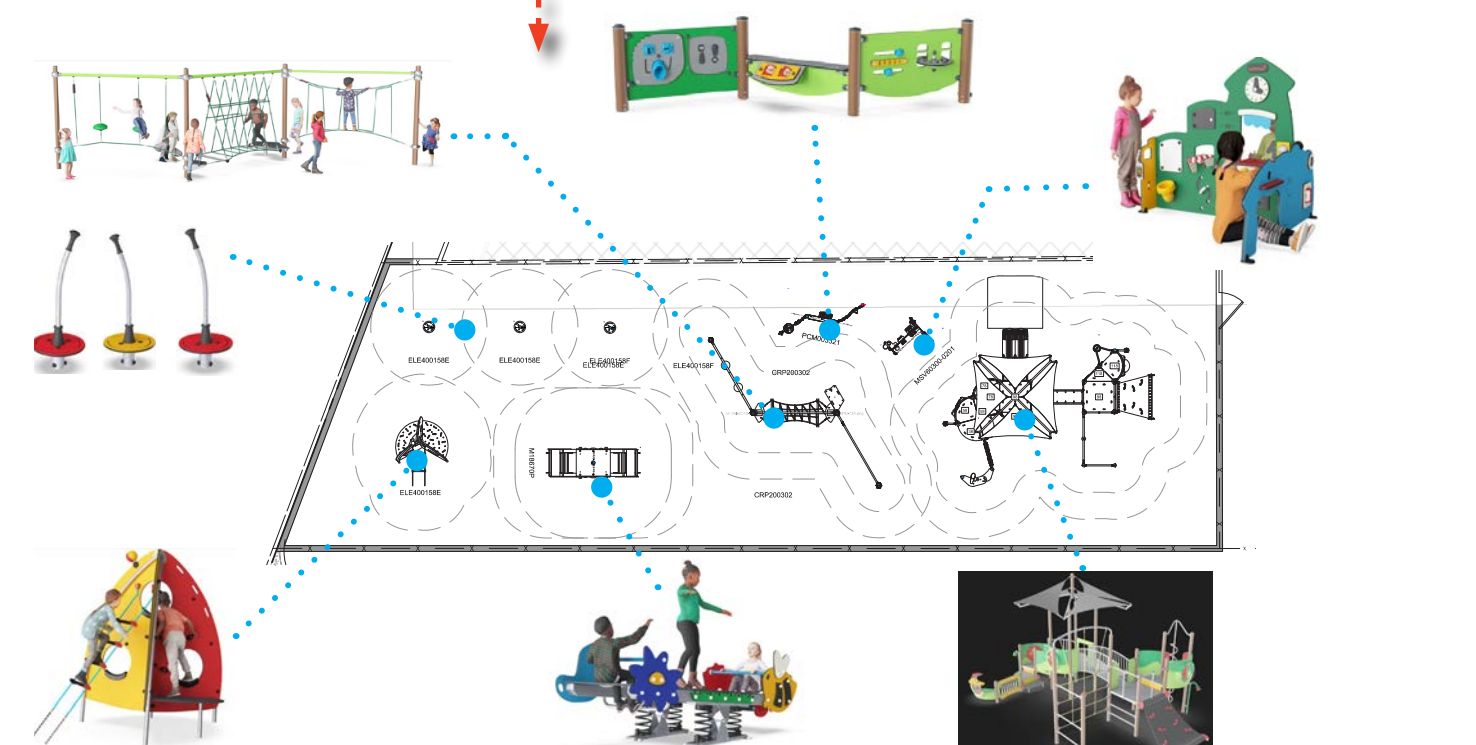
EQUITABLE ACCESSIBILITY

SAFETY AND WELLBEING



- Tree To Be Preserved
- Tree To Be Removed
- 6' Chain Link Tree Protection Fence
- Root Pruning With Air-Spade To Ensure No Roots Over 2" In Diameter Are Severed
- Canopy Pruning For Construction Clearance
- Temporary Root Matting -Double Sided Geotextile With Geonet Core And 6" Of Woodchips (Machinery Tires Must Be Planked With Track-Mats Or Approved Equal)
- Decking Built On Piers -Must Be Temporary Root Matting System Prior To Installation, Piers Must Be Dug By Hand

Heritage Tree Preservation Plan



Young Student's Playsapce



Outdoor Dining & Gathering Space



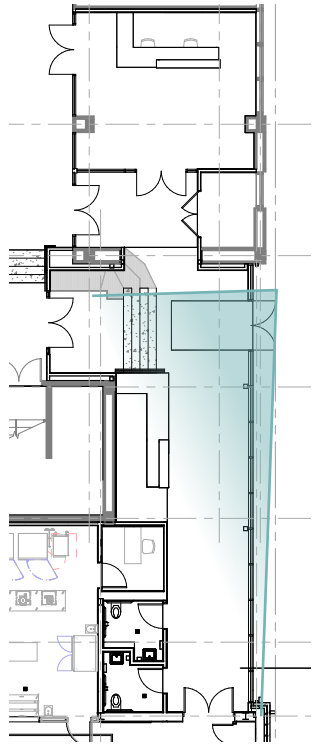
A Commitment to Sustainability

ACCESS TO GREEN SPACE

ESSENTIAL SPACE/FACILITIES

EQUITABLE ACCESSIBILITY

SAFETY AND WELLBEING

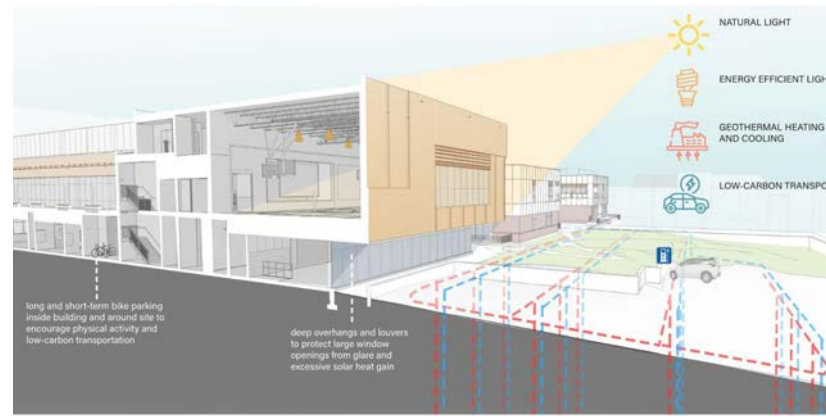
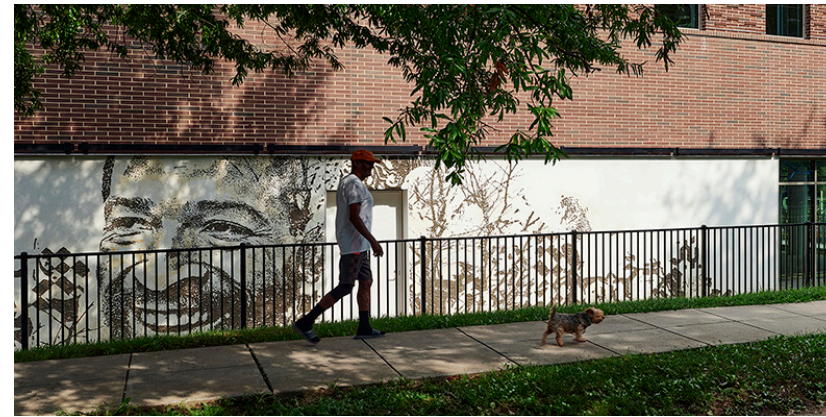


- Reception Desk
- Vestibule
- Welcome Center

NEW WELCOMING & SECURE LOBBY



An Urban School District's Approach to Equitable Opportunities Across Communities



Strategies

1. Rehabilitation of Aging Structures and Thoughtful Additions

2. A Robust Art Program

3. Districtwide Educational Specifications

4. A Commitment to Sustainability