

Comission of Fine Arts Final Review

Truesdell Elementary School

Agenda

Background

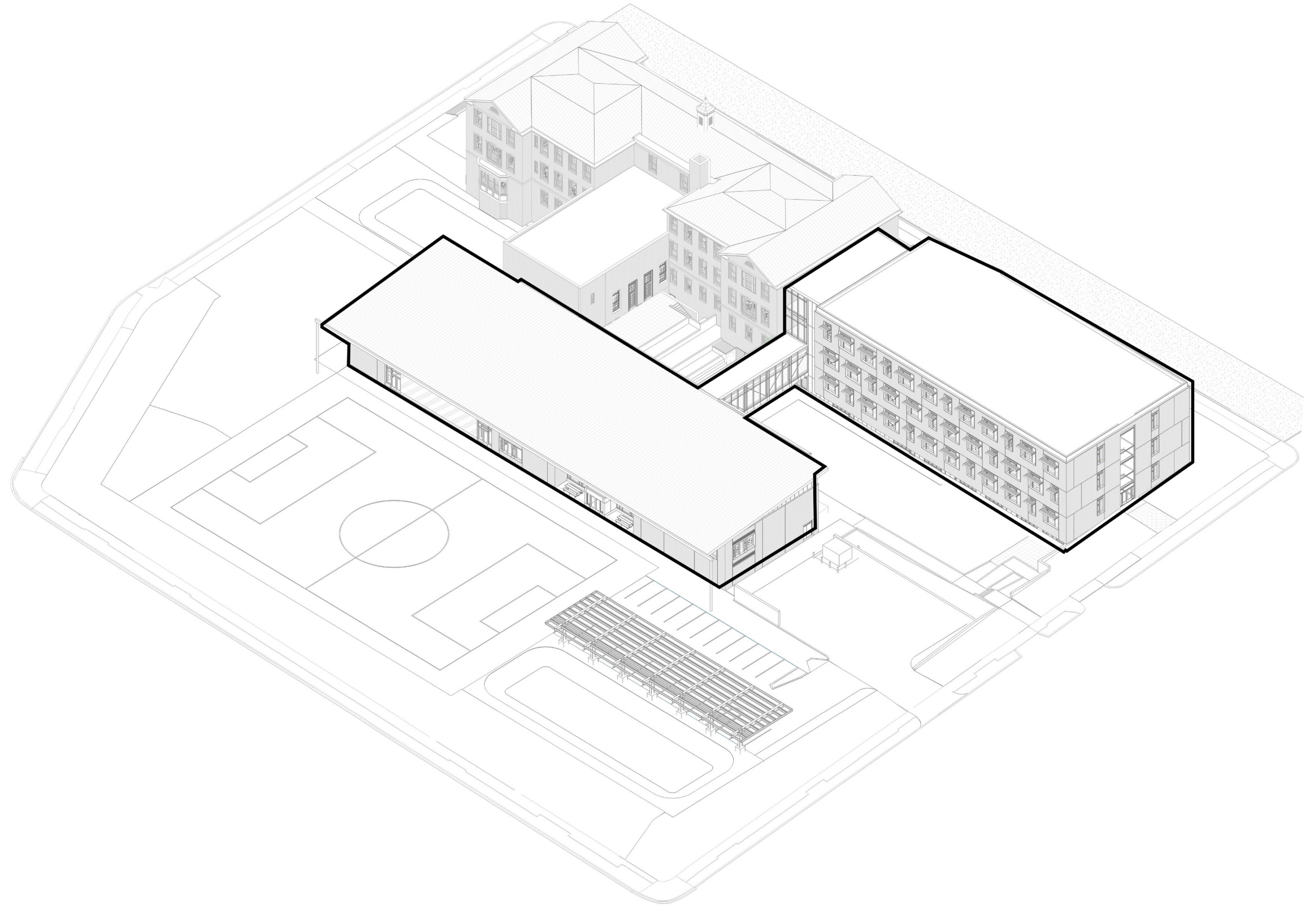
1. Objectives
2. Neighborhood Context
3. Site Observations
4. Existing Building

Proposed Design

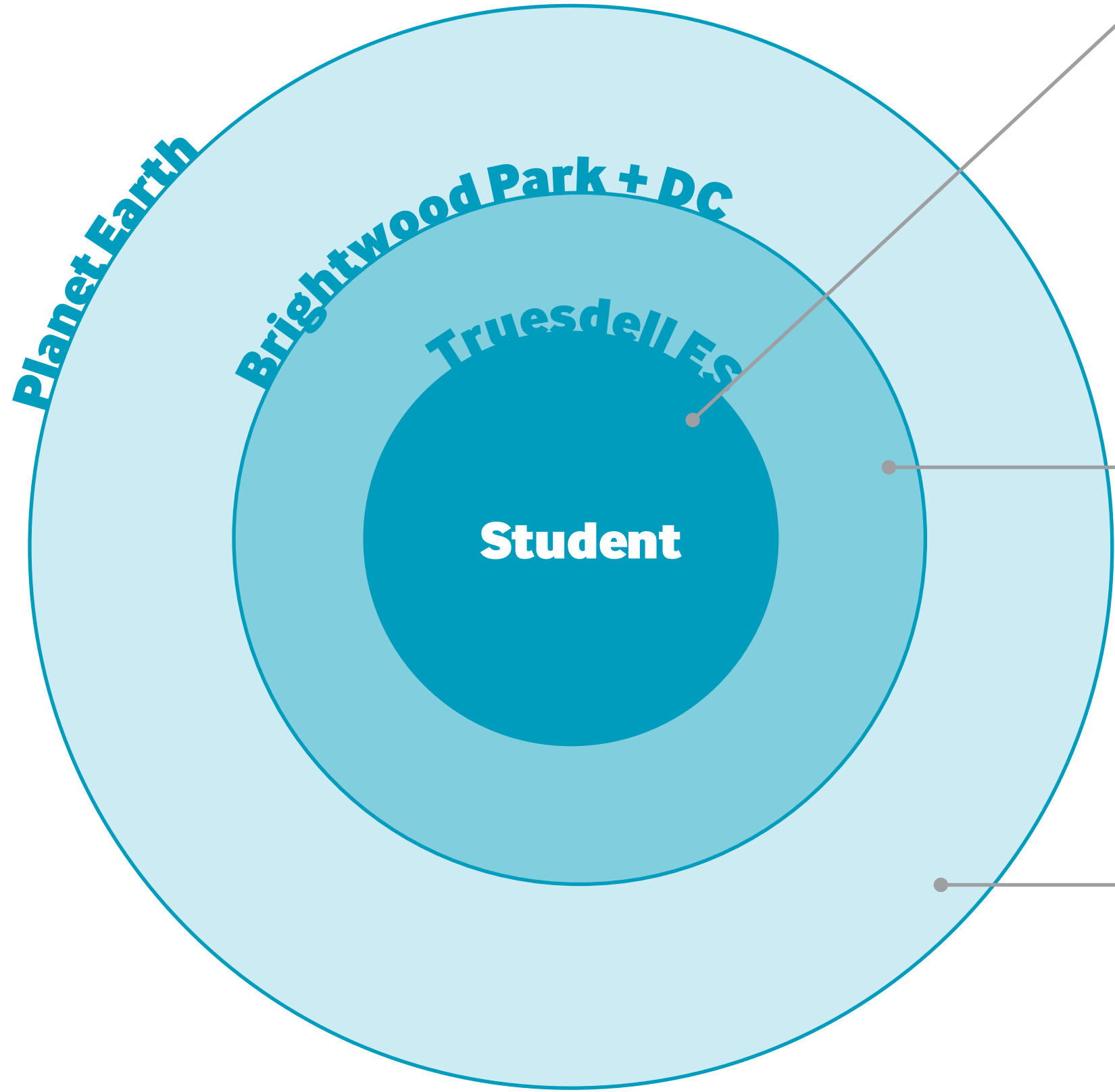
1. Strategies
2. Building Organization
3. Building Sections

Proposed Exteriors

1. Site Plan
2. Site Fencing and Capacity
3. Site Materials
4. Site Character
5. Massing + Articulation



1 Background



Learner - centered

- Create safe, healthy, high-performing learning environments
- Design to scale and developmental needs of learners
- Maximize connections to the outdoors
- Leverage the entire building and site for learning

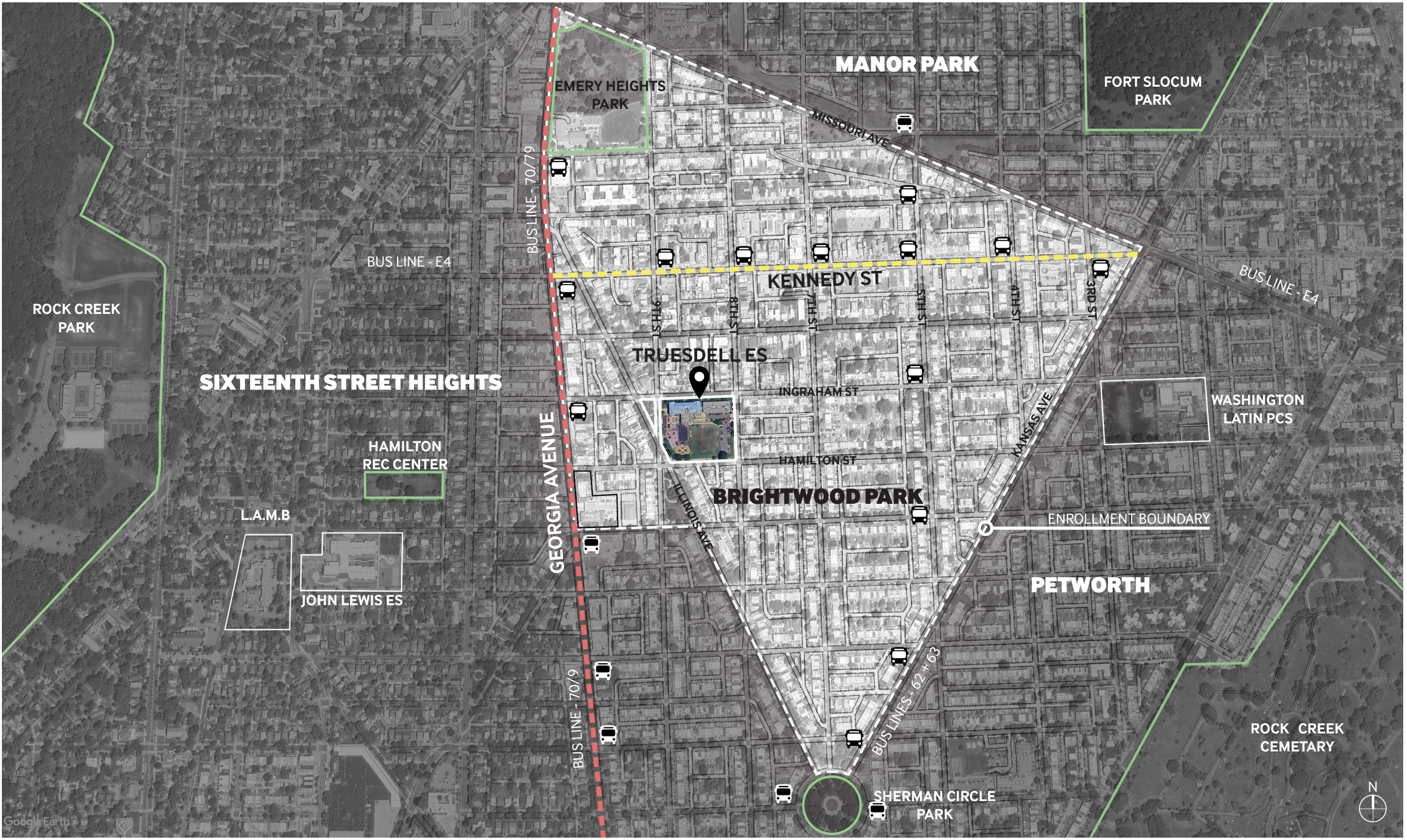
Community - oriented

- Enhance pedestrian safety
- Honor the historic building
- Respect the scale, massing and materials of the context
- Maximize opportunities for access and shared use

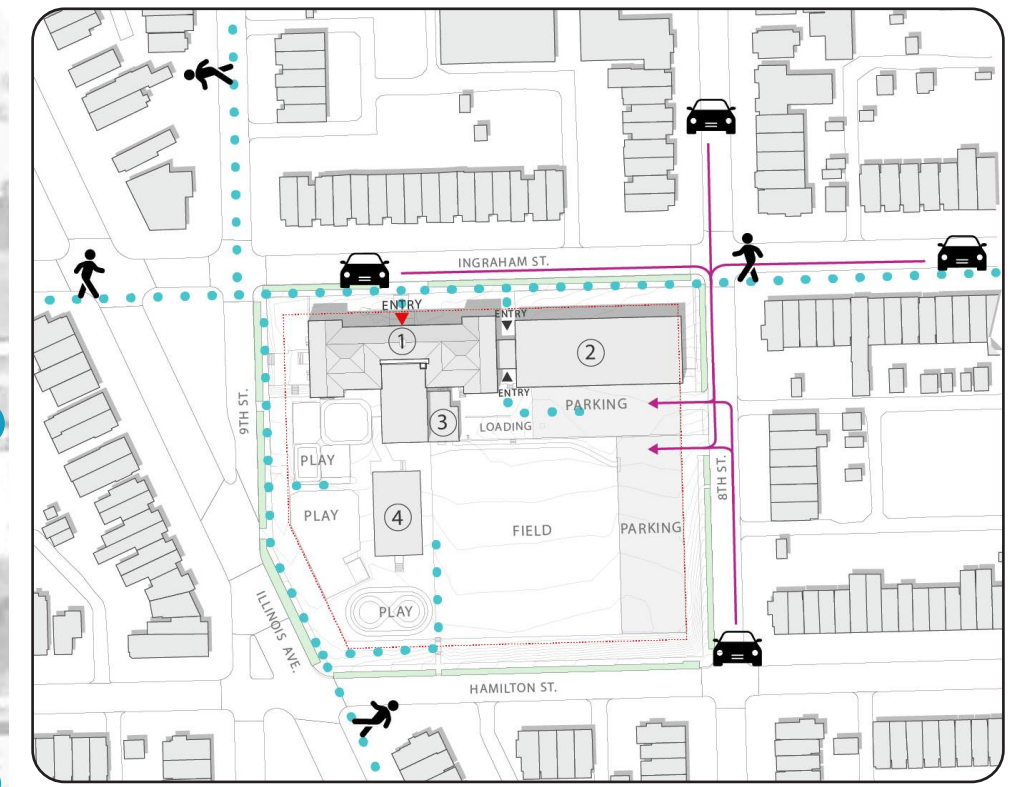
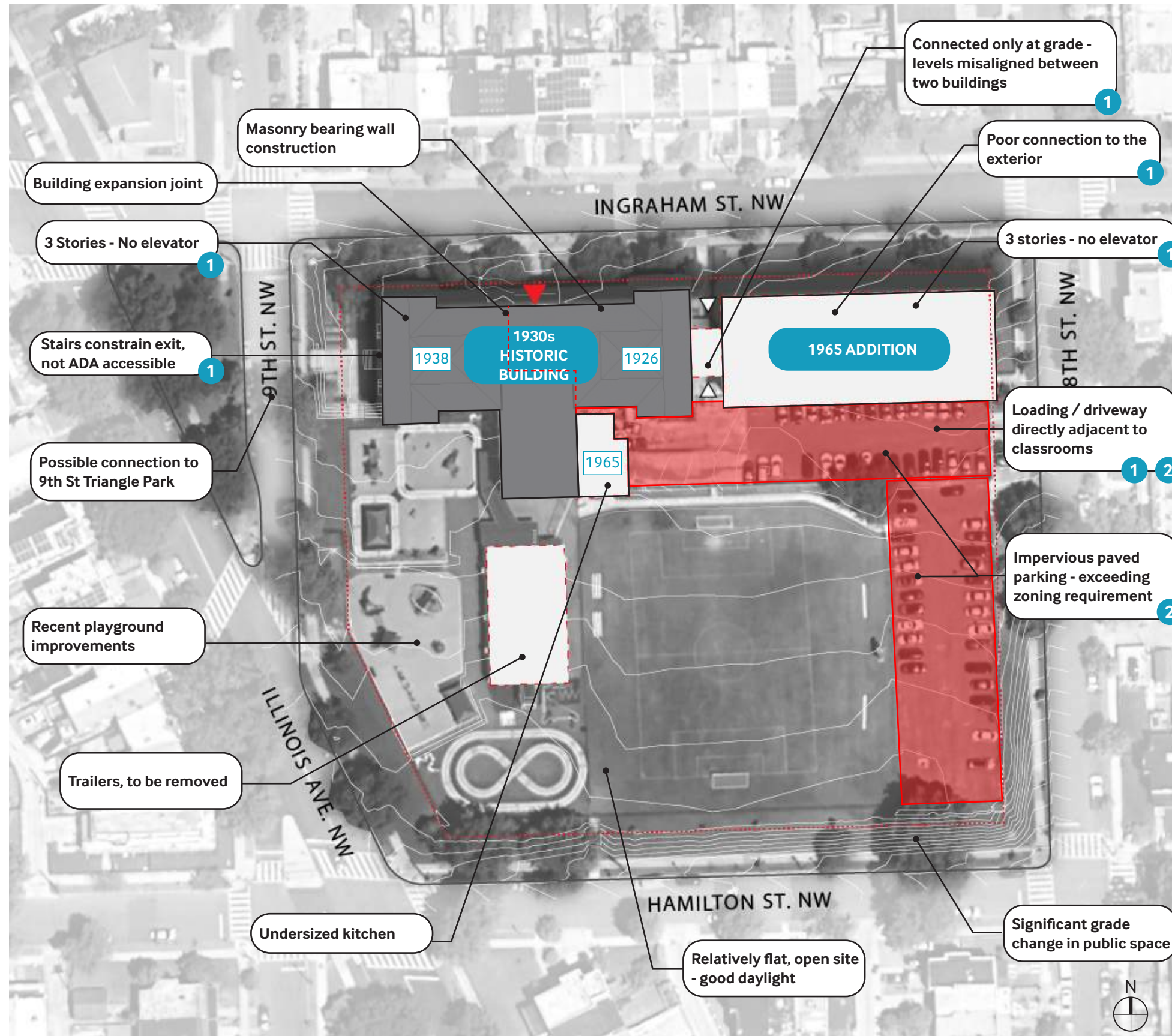
Globally - sustainable

- Achieve NZE certification
- Meet or exceed LEED Gold certification
- Minimize embodied carbon

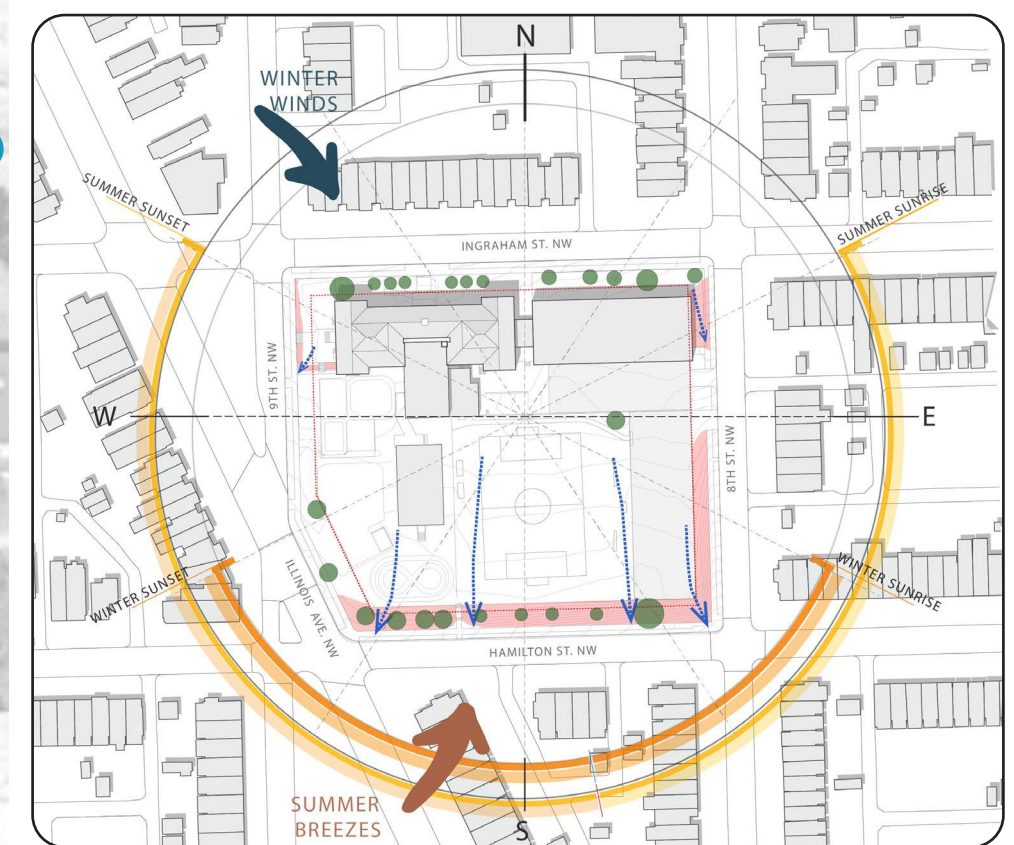
Background | Neighborhood Context



Background | Site Observations



Site Circulation: Pedestrians and Vehicles

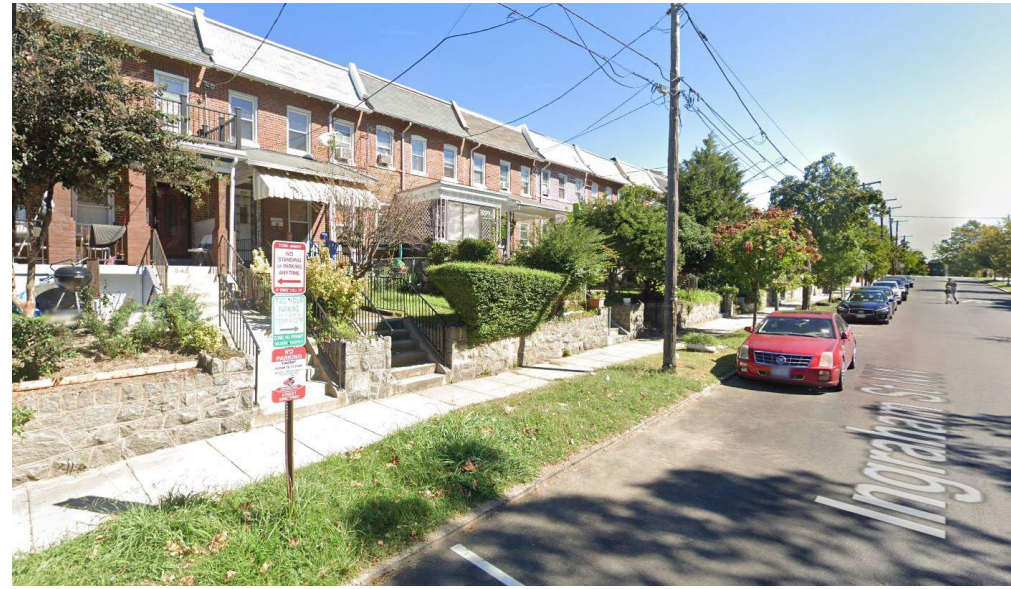


Environmental: Sun Path, Prevailing Winds, and Stormwater Flow

1 Goal: Improve physical connections and accessibility.

2 Goal: Separate vehicle and pedestrian paths.

Background | Site Observations



1



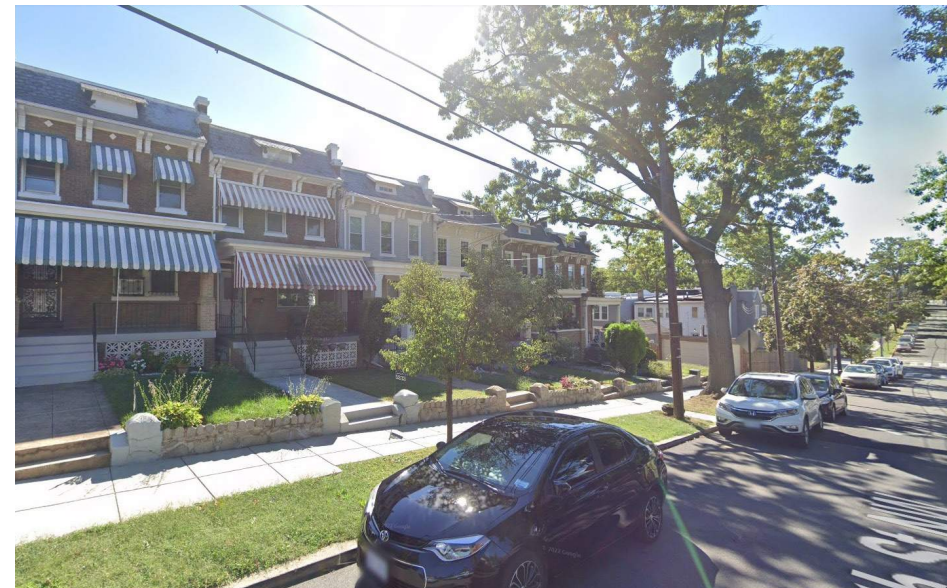
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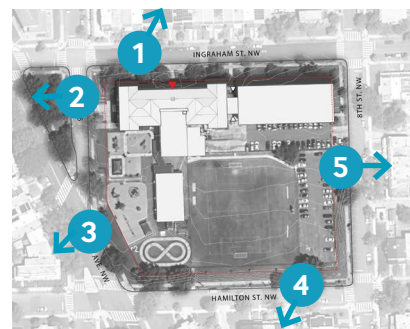
3



4



5



Background | Existing Building



1



2



3



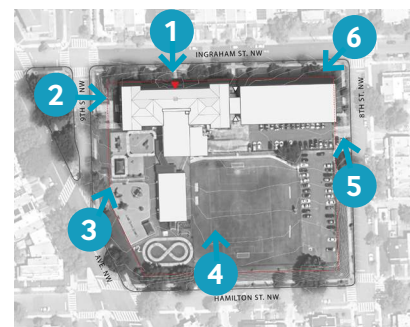
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5



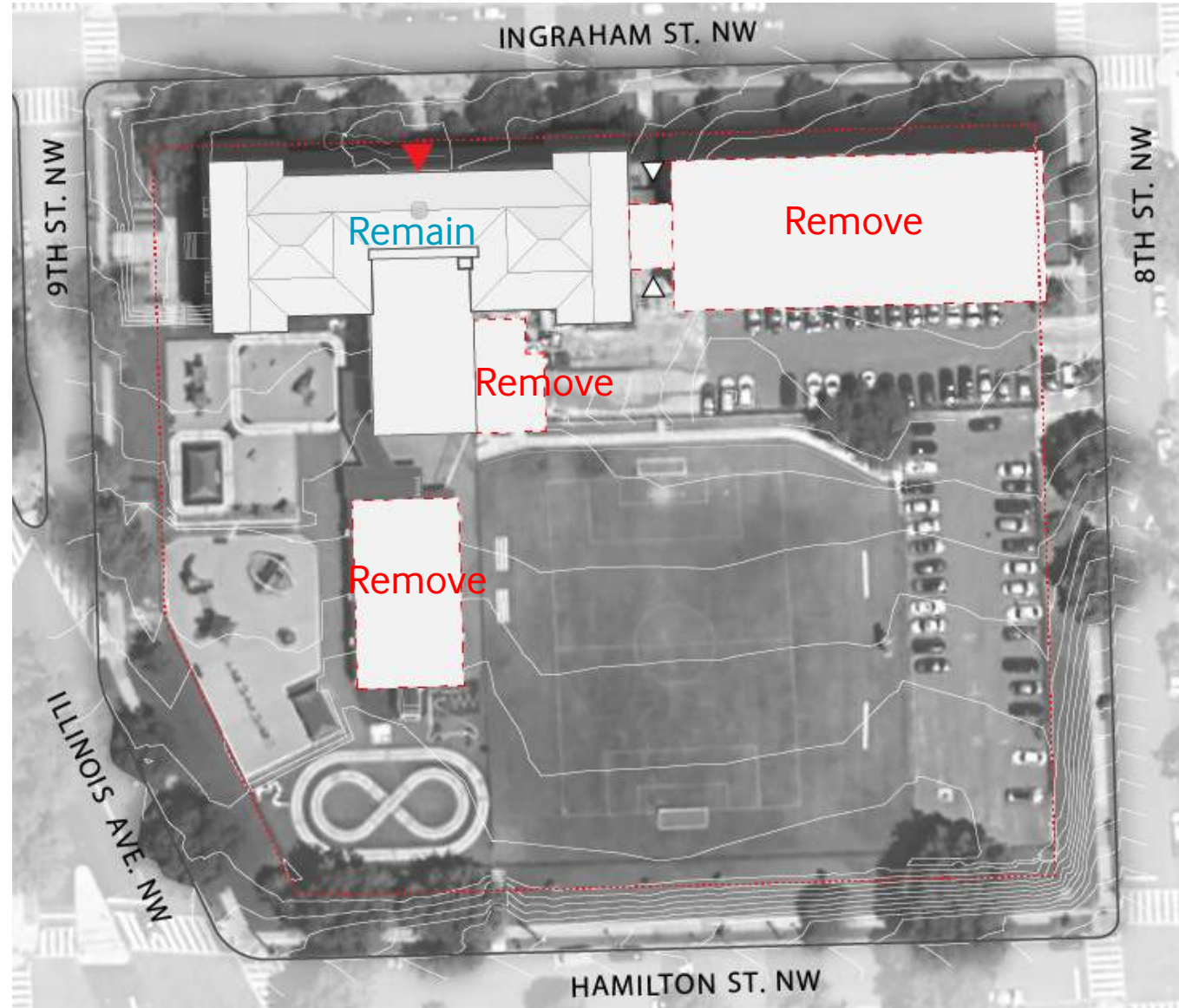
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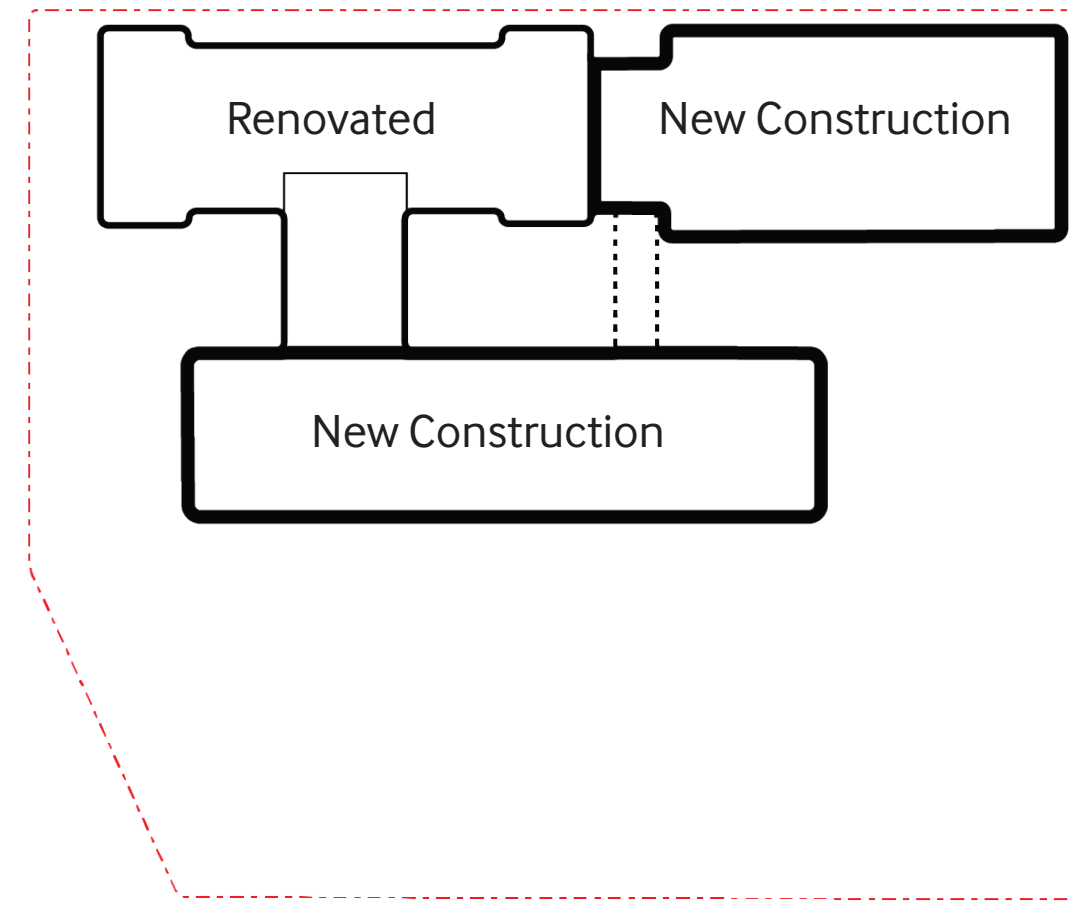
2

Proposed Design

Proposed Design | Strategies

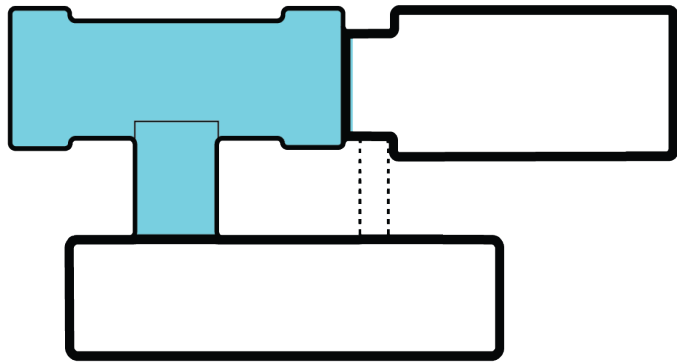


Existing

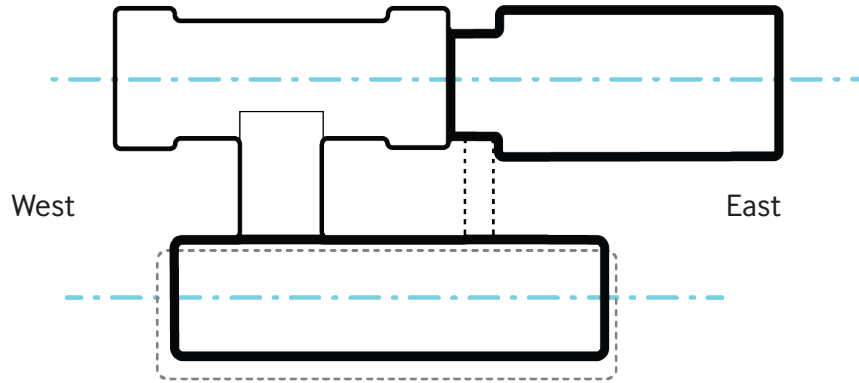


Proposed

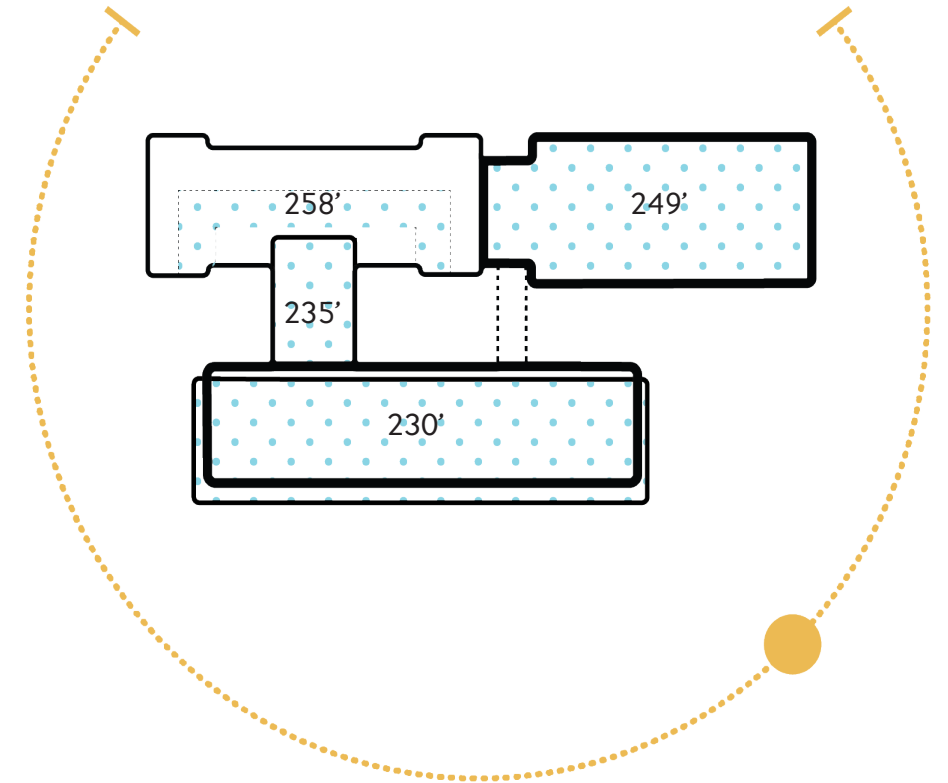
Proposed Design | Strategies



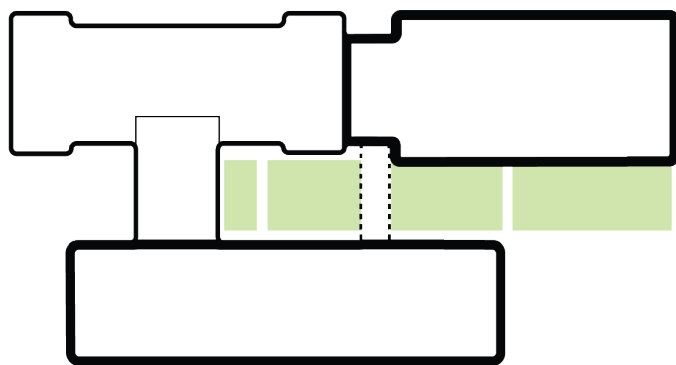
Honor the Historic Building



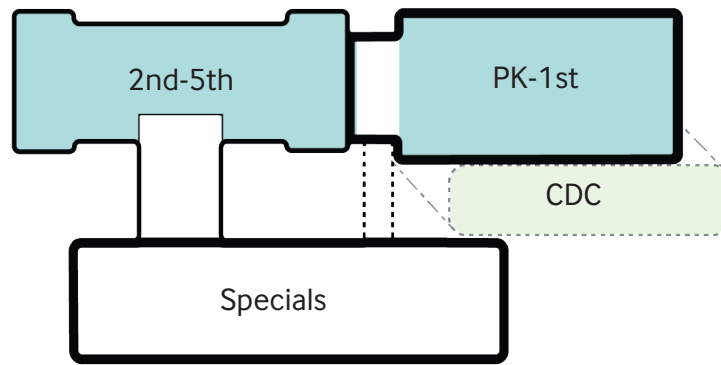
Massing + Daylight



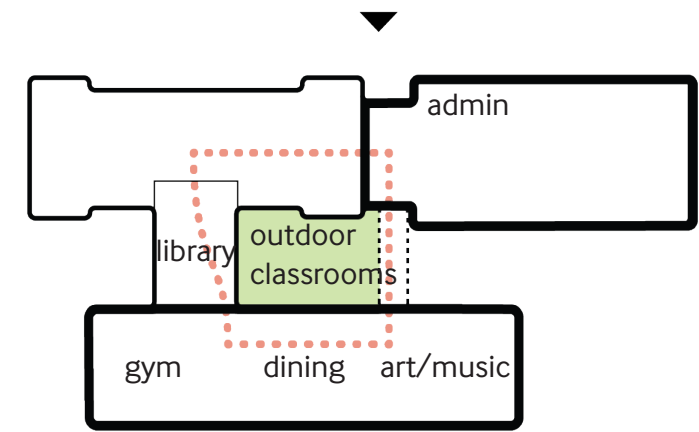
Maximize Solar Access



Greenspace at the center



Distinctive Learning Communities

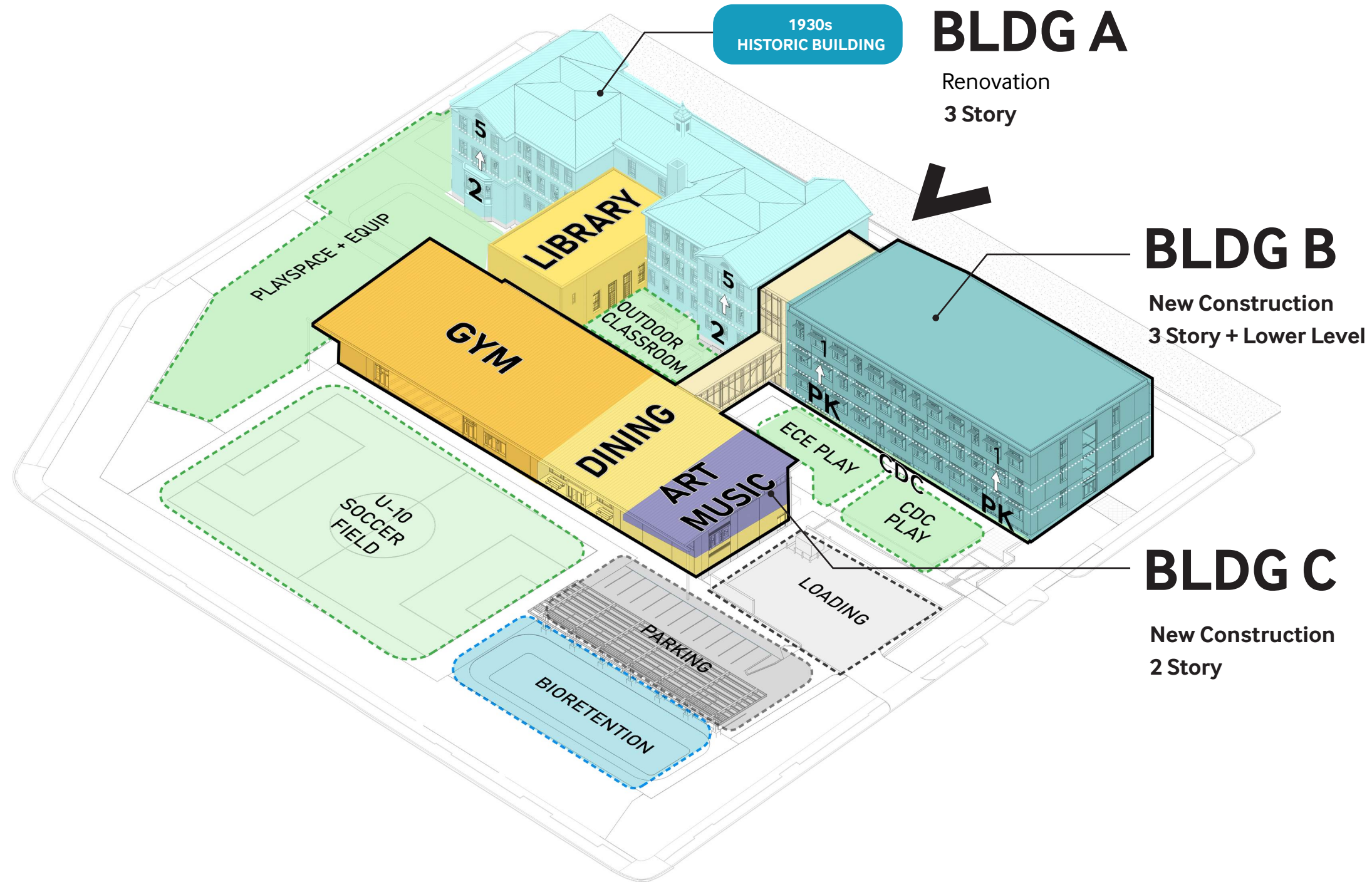


Enhance Connectivity

Proposed Design | Strategies

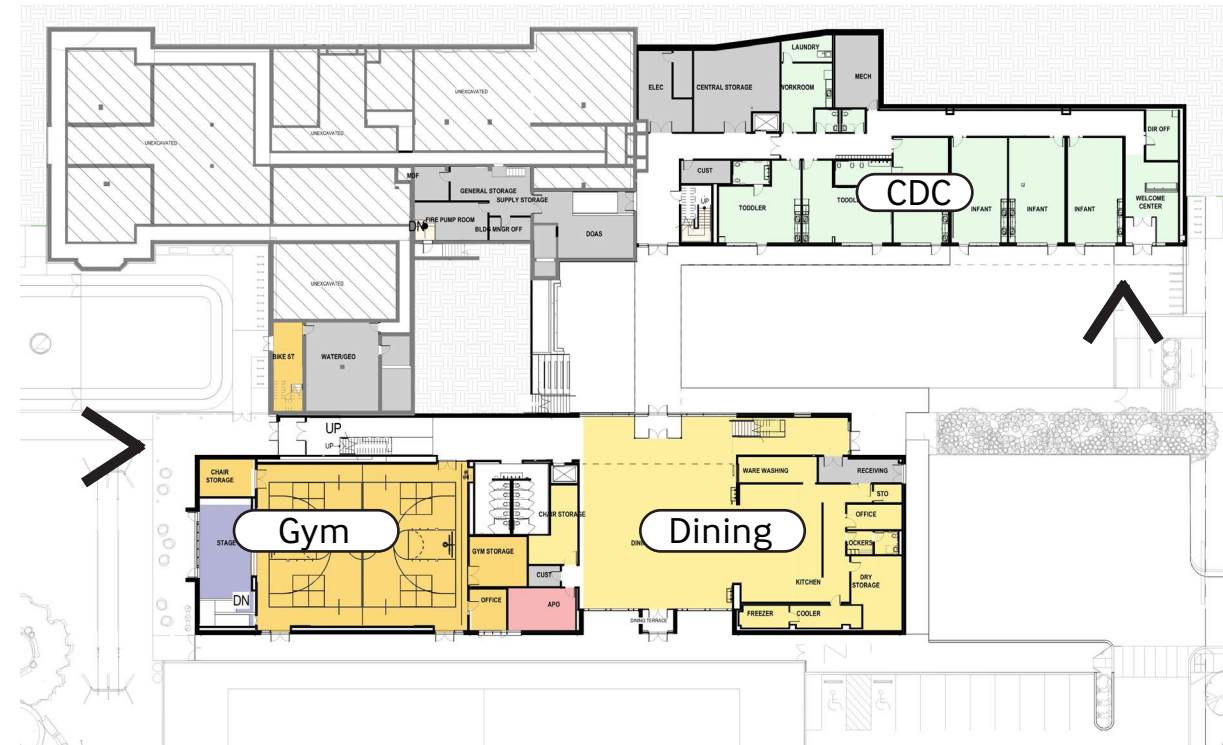
A courtyard building on the north side of site the maximizes internal connections and preserves open space for learning and play.

- administration / staff support
- dining
- library
- physical education
- art, music, ot/pt, gardening
- child development center
- classrooms PK-1
- classrooms 2-5
- resource / discovery commons
- building services

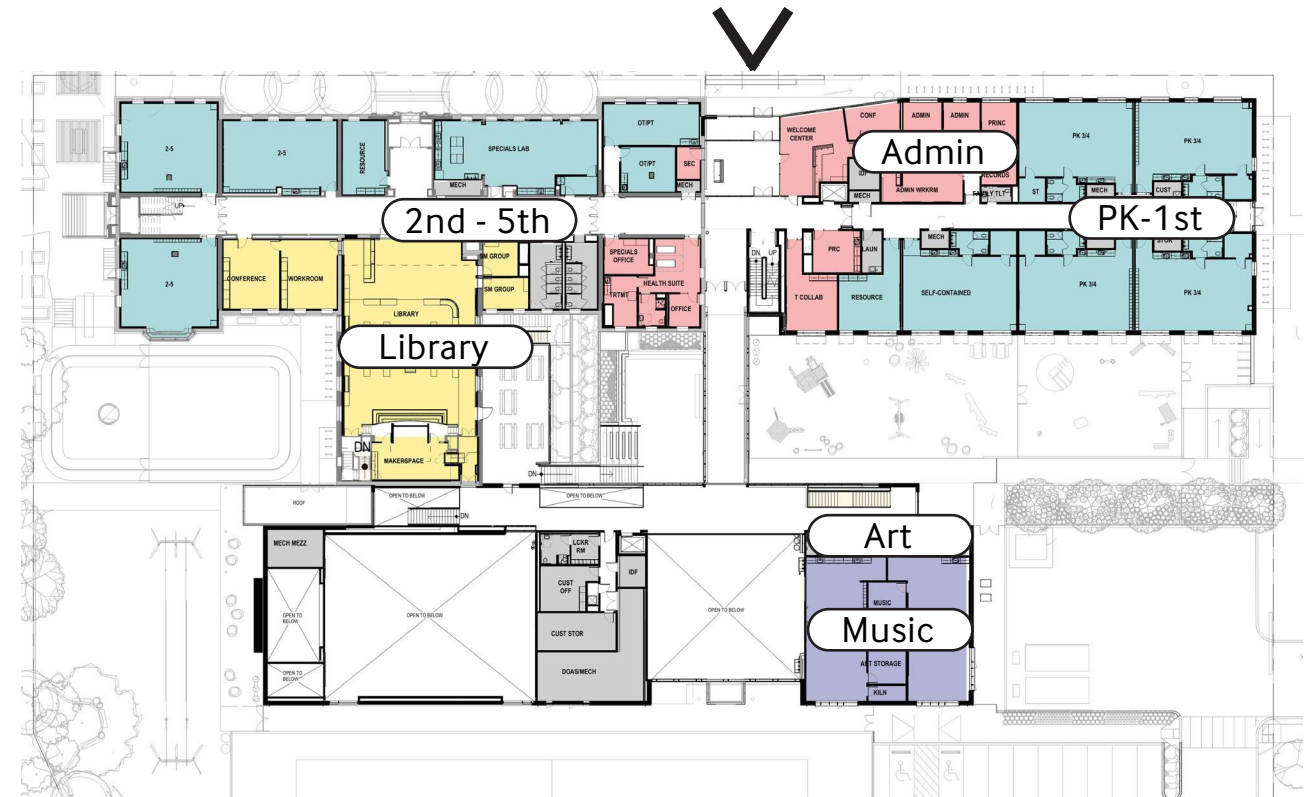


Proposed Design | Building Organization

- administration / staff support
- dining
- library
- physical education
- art, music, ot/pt, gardening
- child development center
- classrooms PK-1
- classrooms 2-5
- resource / discovery commons
- building services



Level 0 - Field



Level 1 - Street Level



Level 2



Level 3



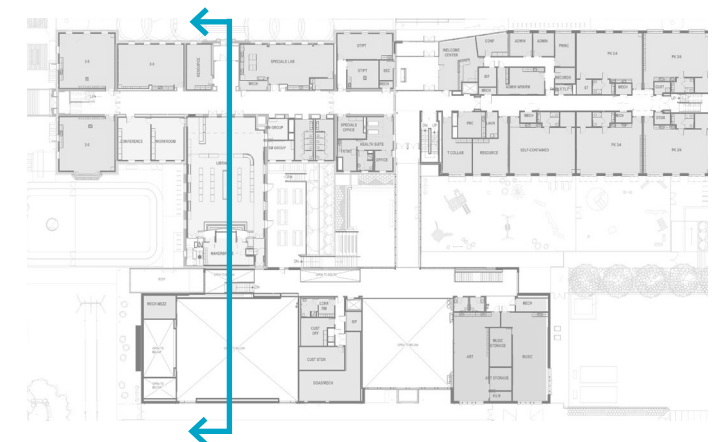
Proposed Design | Building Sections

Section through Main Entry



Proposed Design | Building Sections

Section through Historic Entry



3 Proposed Exteriors

Proposed Exterior | Site Plan



Plant Schedule

Trees	Shrubs
American hophornbeam	American Gold Rush black-eyed Susan
Black gum	Blue false indigo
Cape Breeze switch grass	Butterfly weed
Dura Heat® river birch	Cape Breeze switch grass
Eastern redbud	Gro-Low fragrant sumac
Flowering dogwood	Harlequin Blueflag
Gro-Low fragrant sumac	Iron Butterfly ironweed
Northern red oak	Jacob Cline bee balm
October Glory red maple	Little Joe Pye Weed
Purple coneflower	Purple coneflower
Serviceberry	Ruby Spice sweet pepperbush
Sweet Bay Magnolia	Shamrock inkberry holly
	Smooth aster
	Soft Common Rush
	Standing Ovation little bluestem
	Swamp Milkweed

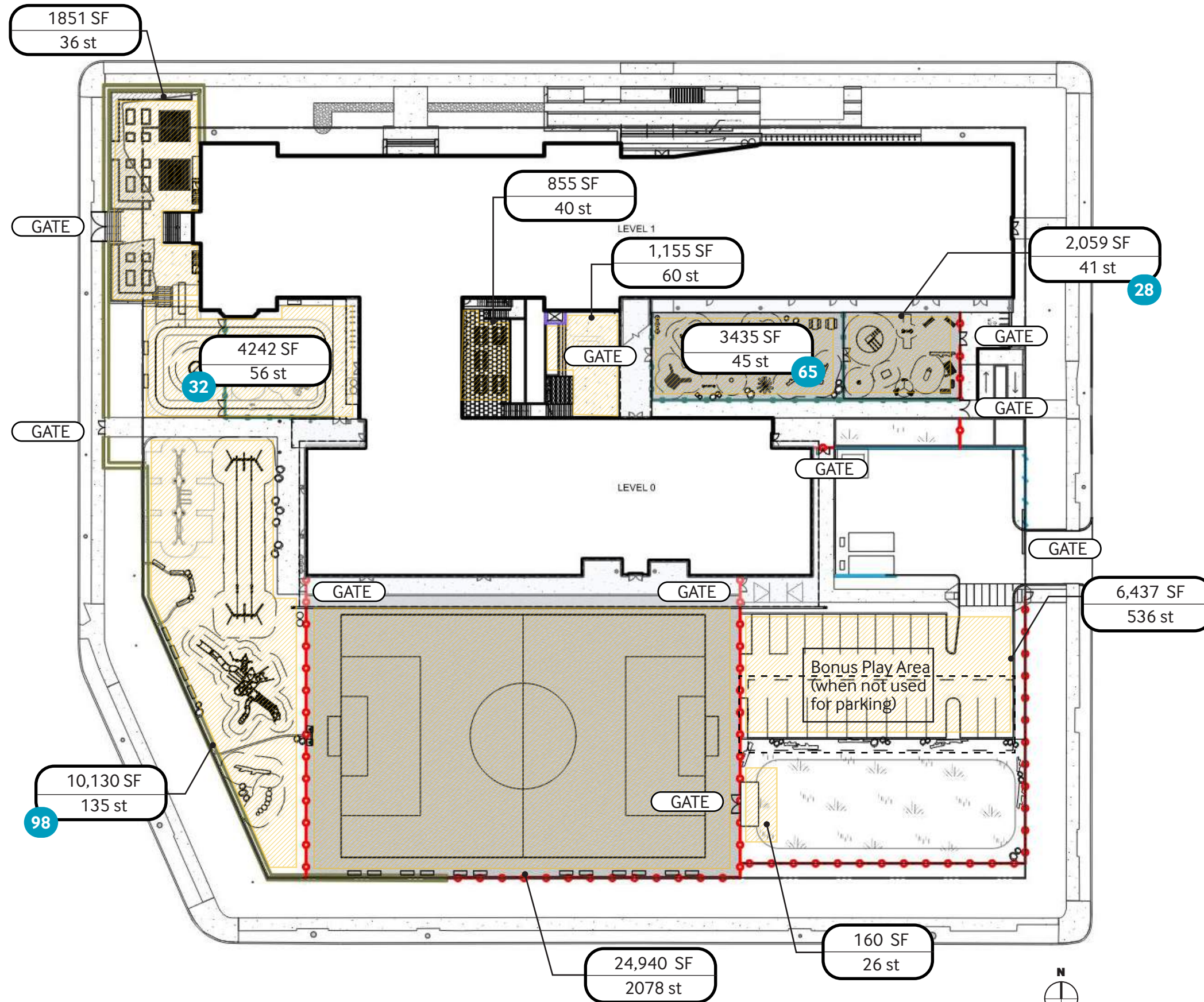
Symbol Key

- EXISTING TREE TO REMAIN
- TREE
- STRUCTURAL ROOT ZONE
- CRITICAL ROOT ZONE



View of Bioretention

Proposed Exterior | Site Fencing and Capacity



KEY

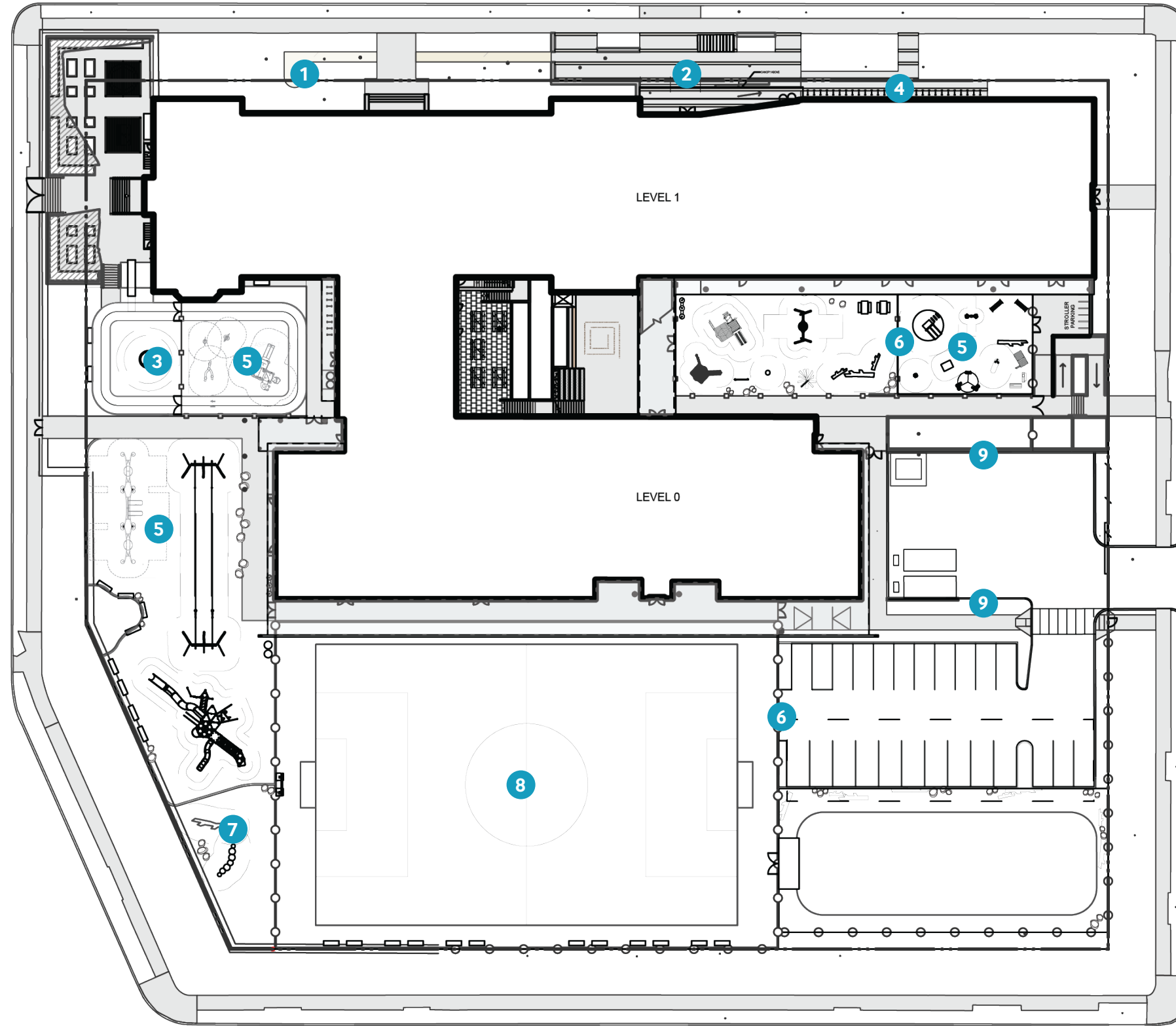
- 4' NEW FENCE
- 8' NEW FENCE
- 8' EXISTING FENCE
- 4' DECORATIVE METAL PANEL
- 8' DECORATIVE METAL PANEL

- XX STUDENT CAPACITY OF PLAY EQUIPMENT
- XXX SF OVERALL AREA
- XX st STUDENT CAPACITY OF SPACE
- OPENSOURCE

TOTAL PLAY AREA STATS

223	TOTAL PLAY EQUIPMENT CAPACITY
2,517	TOTAL OUTDOOR SPACE CAPACITY
536	TOTAL BONUS CAPACITY AT PARKING
3,053	GRAND TOTAL CAPACITY CHILDREN
54,839	TOTAL STUDENT OUTDOOR SPACE (SF)
70.0	OUTDOOR SPACE PER STUDENT (SF/STUDENT)

Proposed Exterior | Site Materials



1 Gravel Pathway



2 Exposed Aggregate Concrete Detailing



3 Traffic Garden



4 Bicycle Racks



5 Poured In Place Rubber Play Surface



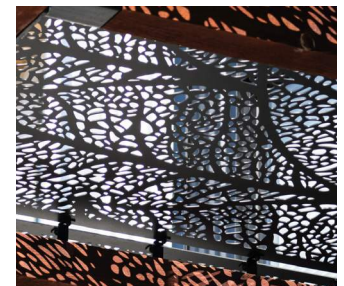
6 Playground & Sports Fencing



7 Engineered Wood Fiber Play Surface

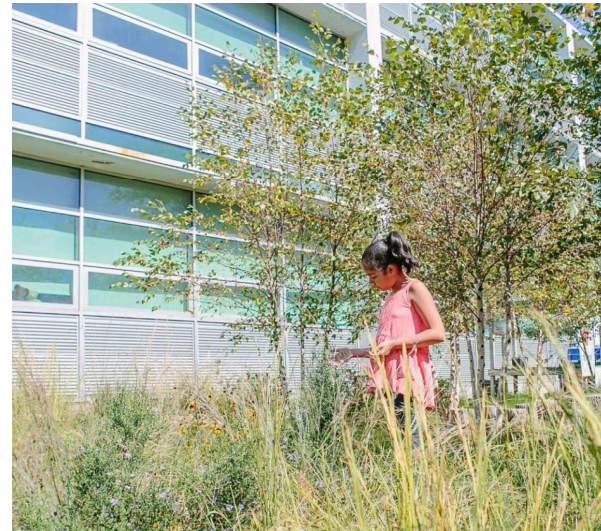


8 Synthetic Turf



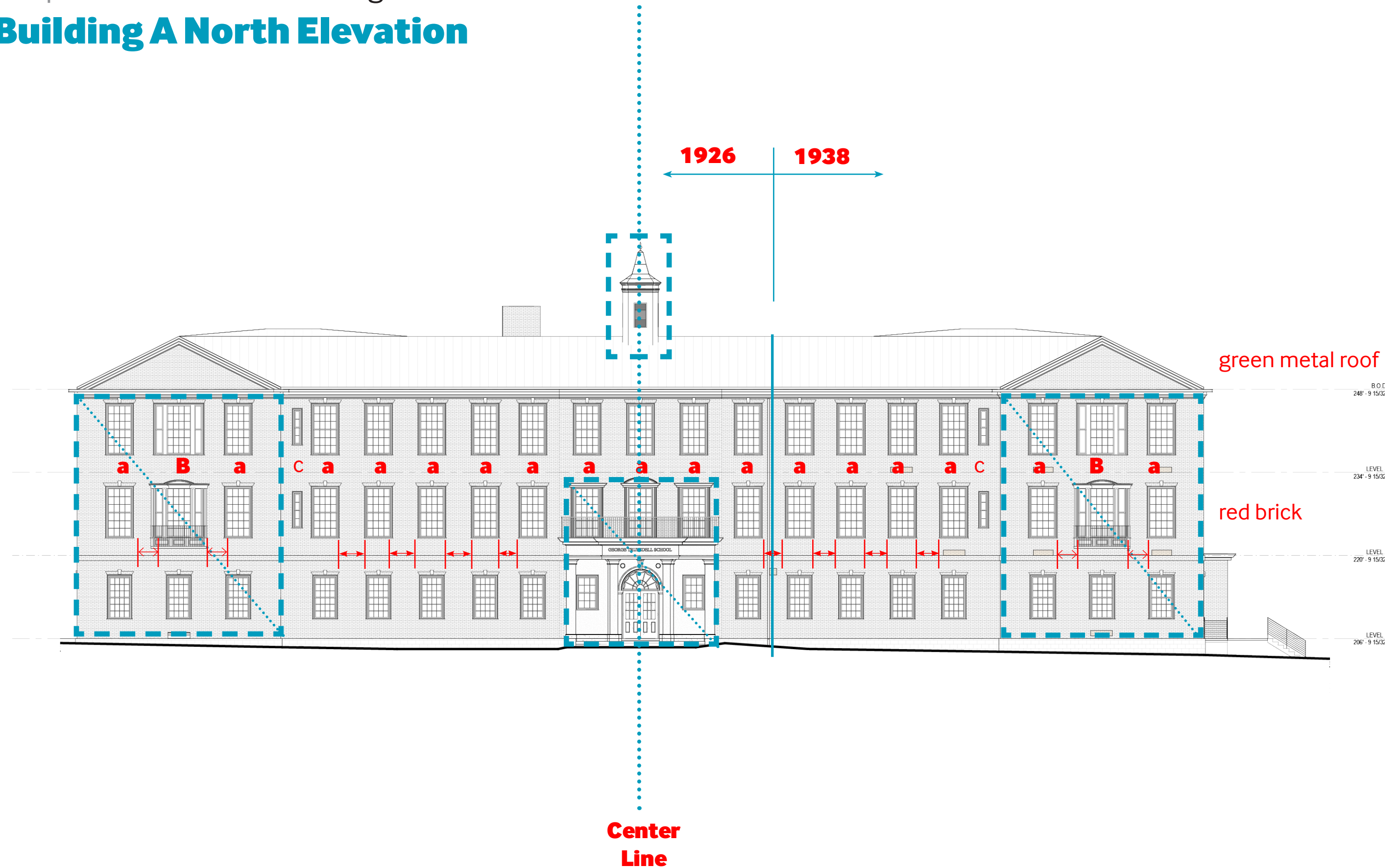
9 Decorative Metal Panel

Proposed Exteriors | Site Character



Proposed Exteriors | Massing + Articulation

Building A North Elevation



Proposed Exteriors | Massing + Articulation **Ingraham Street NW**



Concept Design:



Proposed Exteriors | Massing + Articulation

Main Entry



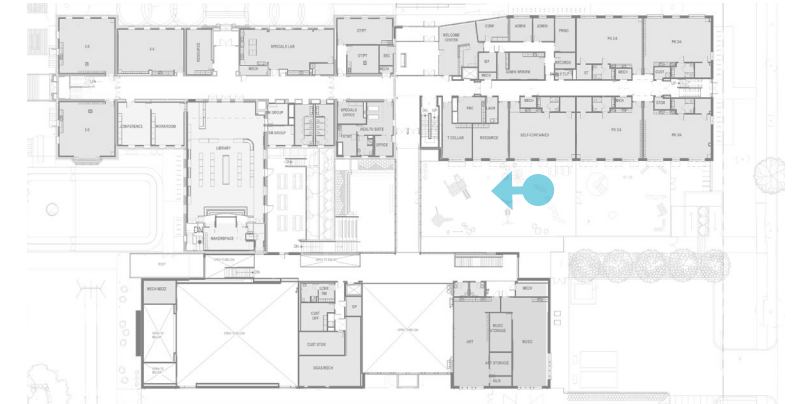
Concept Design:



Proposed Exteriors | Massing + Articulation **Courtyard**



Concept Design:



Proposed Exteriors | Massing + Articulation **West Community Entry**



Concept Design:



Proposed Exteriors | Massing + Articulation **Community Pavilion**



Concept Design:



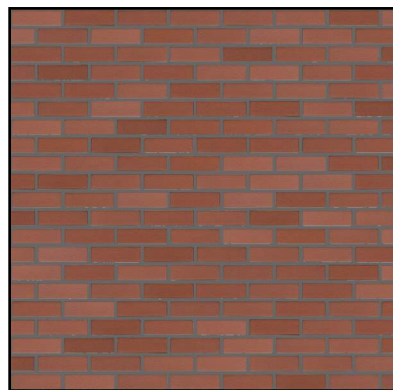
Proposed Exteriors | Massing + Articulation

North Elevation

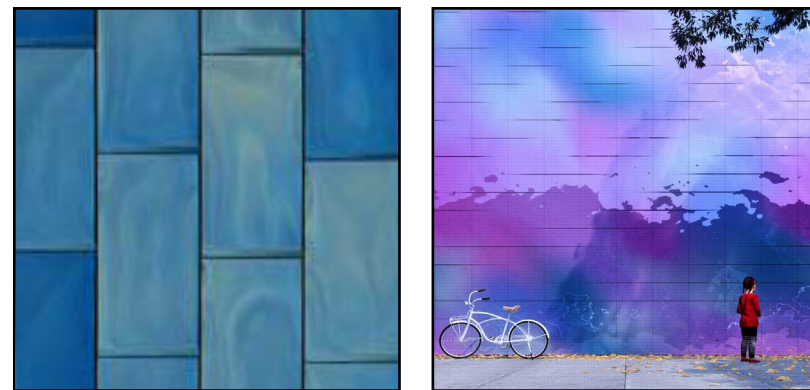


BLDG B

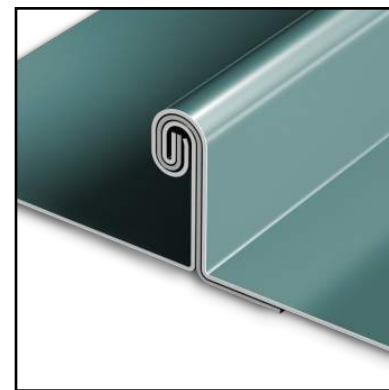
BLDG A



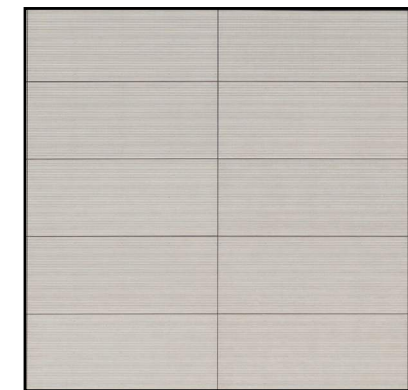
RED BRICK MIX



IRIDESCENT METAL PANELS



GREEN STANDING SEAM



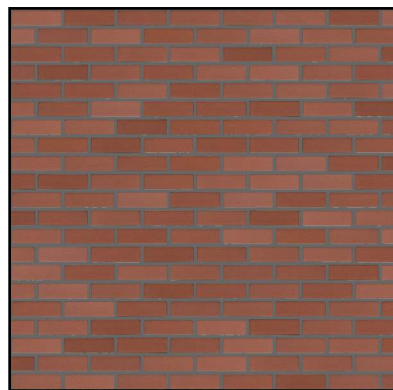
FIBER CEMENT BOARD

Proposed Exteriors | Massing + Articulation

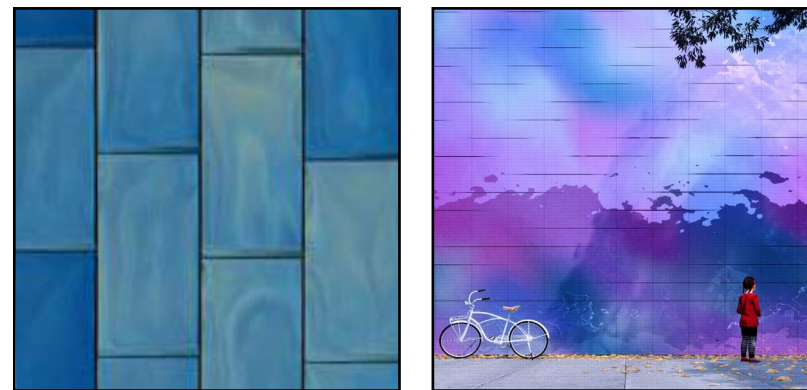
South Elevation



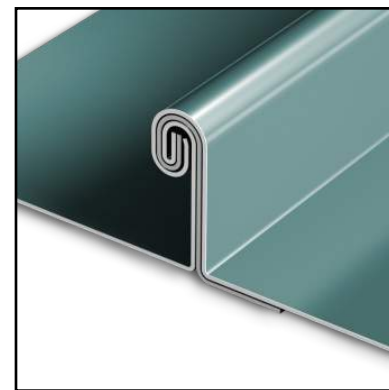
BLDG C



RED BRICK MIX



IRIDESCENT METAL PANELS



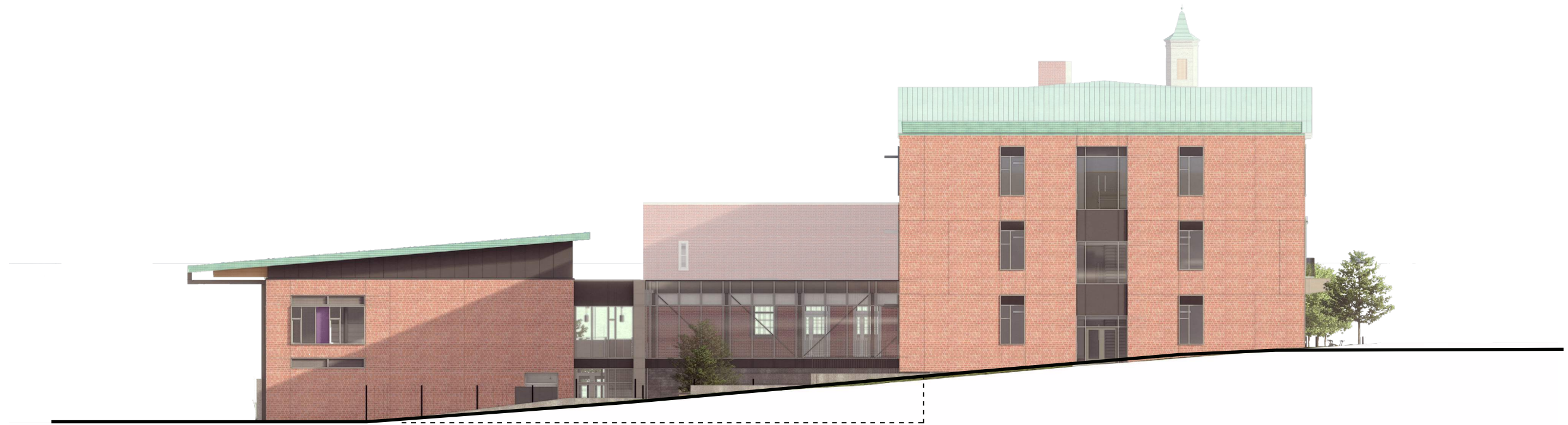
GREEN STANDING SEAM



TIMBER STRUCTURE

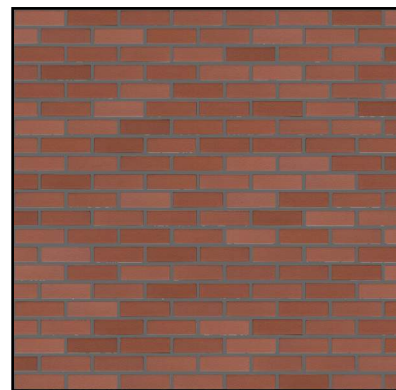
Proposed Exteriors | Massing + Articulation

East Elevation



BLDG C

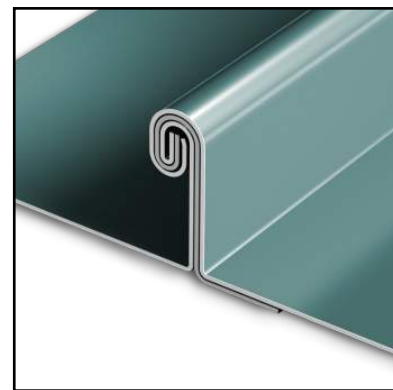
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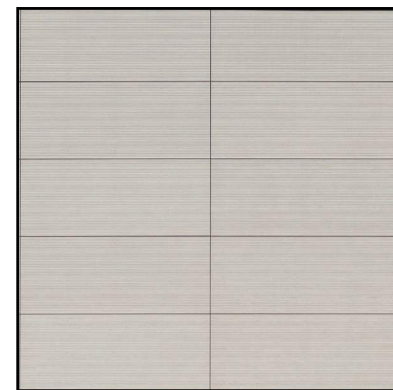
RED BRICK MIX



IRIDESCENT METAL PANELS



GREEN STANDING SEAM



FIBER CEMENT BOARD



TIMBER STRUCTURE

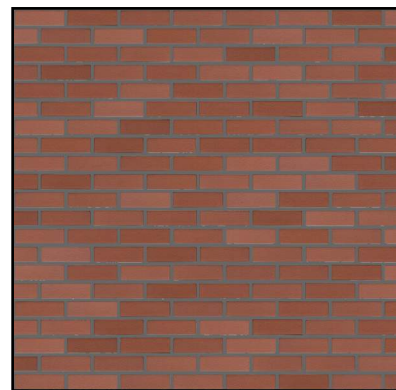
Proposed Exteriors | Massing + Articulation

West Elevation

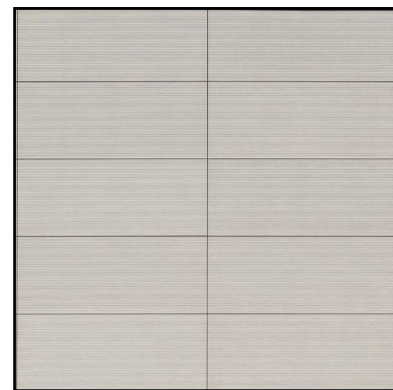


BLDG A

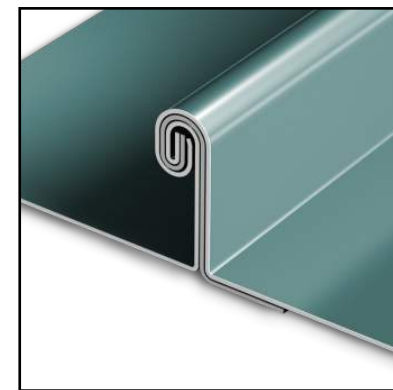
BLDG C



RED BRICK MIX



FIBER CEMENT BOARD



GREEN STANDING SEAM



TIMBER STRUCTURE