

US COMMISSION OF FINE ARTS

**DGS/DCPS CHISHOLM ELEMENTARY
SCHOOL MODERNIZATION**

2 JULY 2026

CFA FINAL SUBMISSION



PROJECT GOALS

- 1. MODERNIZE AND ENLARGE SCHOOL TO MEET ADDITIONAL PROGRAM REQUIREMENTS**
- 2. MAXIMIZE EXTERIOR PROGRAMMABLE SPACE**
- 3. ENSURE SAFETY AND SECURITY OF STUDENTS AND STAFF**
- 4. CONSIDER DAY-TO-DAY CIRCULATION OF STUDENTS, STAFF, AND PUBLIC**
- 5. MEET DISTRICT SUSTAINABILITY REQUIREMENTS**

CFA CONCEPT APPROVAL LETTER

U.S. COMMISSION OF FINE ARTS

ESTABLISHED BY CONGRESS 17 MAY 1910

401 F STREET NW SUITE 312 WASHINGTON DC 20001-2728 202-504-2200 FAX 202-504-2195 WWW.CFA.GOV

27 February 2026

Dear Mr. Hunter:

In its public meeting of 19 February conducted by videoconference, the Commission of Fine Arts reviewed a concept design submission for renovations and additions to Shirley Chisholm Elementary School, located at 1001 G Street, SE. The Commission approved the concept and provided the following comments for the development of the design.

The Commission members expressed strong support for the proposed landscape and red-brick additions, which they found would both complement and improve the historic 1949 school building. They commented that the connection between the new classroom and gymnasium additions along 11th Street would benefit from further refinement, suggesting consideration of extending the facade treatment of the classroom volume to the south by one bay. They also requested study of adding a band to the new facades that would echo the belt course on the existing school. For the cafeteria addition, they suggested adding a fourth window to the south facade, and they expressed a preference for the lighter color option for the metal canopy given its size and scale. Finally, they expressed support for the location and general design intent of the two public artworks, commenting that the proposed recesses within the facades would provide an appropriate setting for the art.

The Commission looks forward to further review of this project, including the public artwork, which should be submitted as a separate project when ready. Please continue to consult with the staff which, as always, is available to assist you.

Sincerely,



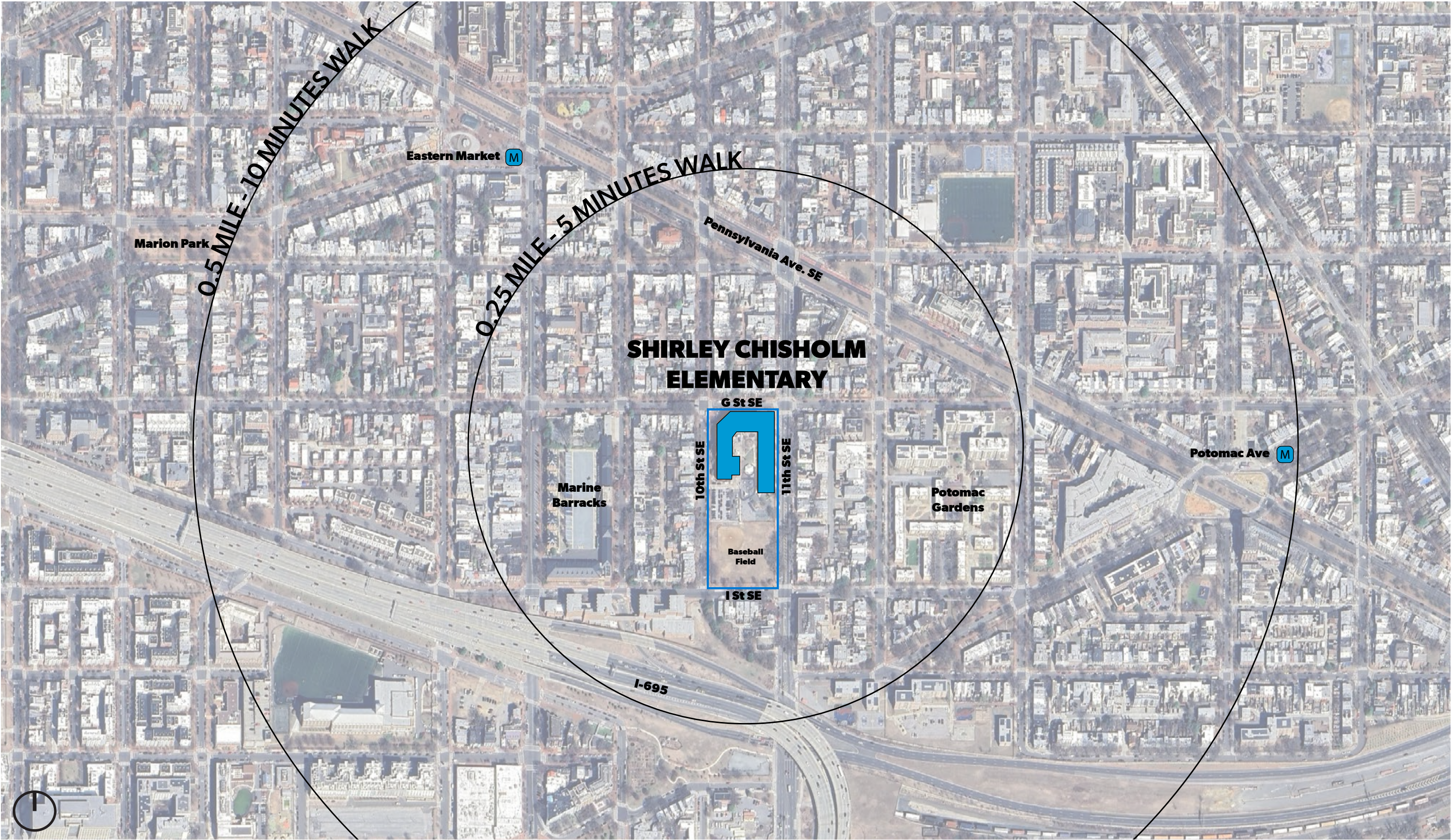
Thomas E. Luebke, FAIA
Secretary

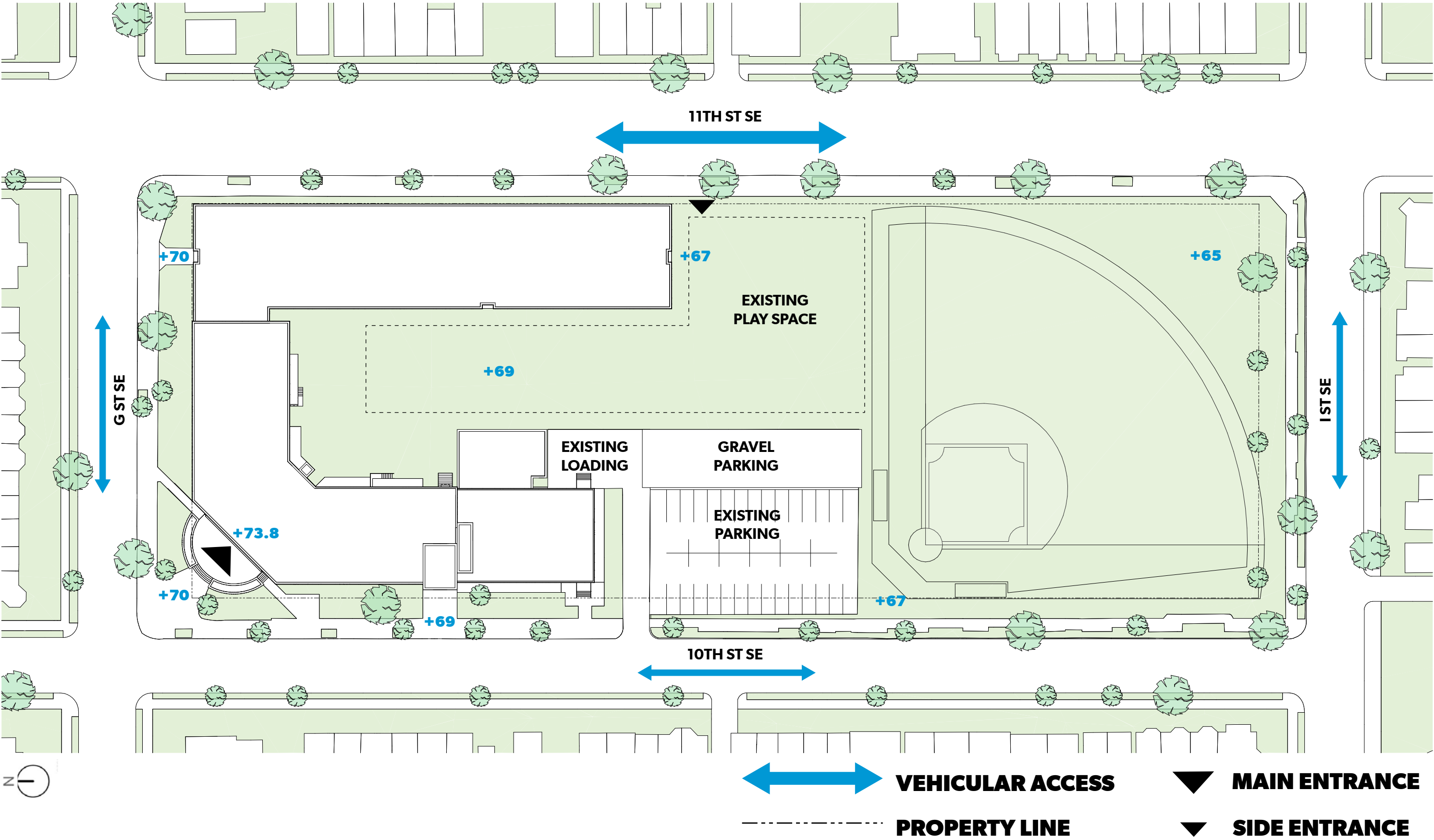
Delano Hunter, Director
D.C. Department of General Services
3924 Minnesota Avenue, NE
Washington, DC 20019

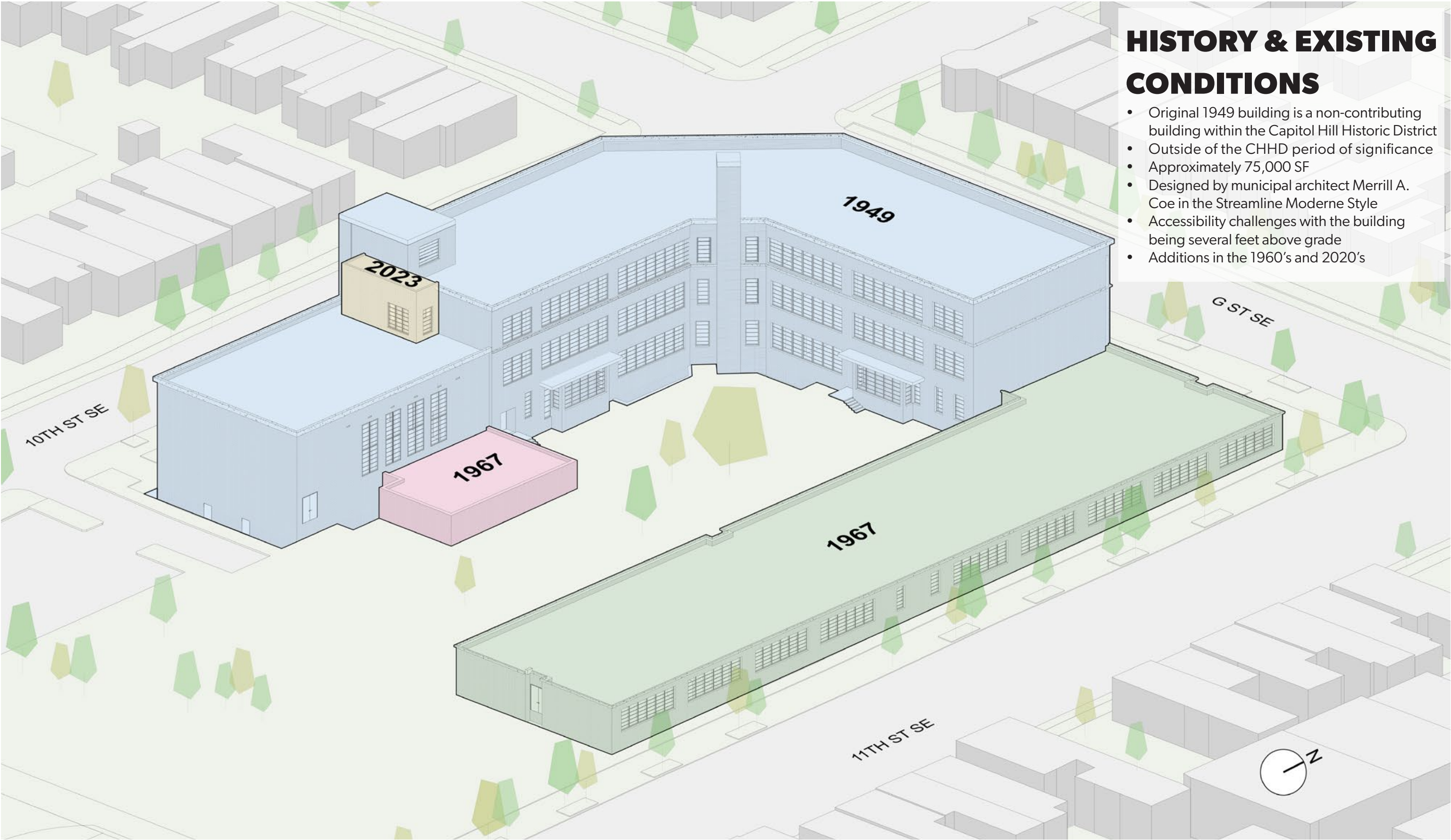
cc: Hiroshi Jacobs, Studios Architecture
Dani Alexander, Studio AKA

WHAT WE HEARD

- STRONG SUPPORT FOR THE LANDSCAPE AND NEW ADDITION'S ARCHITECTURE.
- SUPPORT FOR THE LOCATION AND GENERAL DESIGN INTENT OF THE TWO PUBLIC ARTWORKS.
- SUGGESTION TO EXTEND THE BAY TREATMENT OF THE CLASSROOM VOLUME TO THE SOUTH BY ONE BAY.
- STUDY ADDING A BAND TO THE NEW FACADES TO ECHO THE BELT COURSE ON THE EXISTING SCHOOL
- STUDY ADDING A FOURTH GLAZING BAY TO THE CAFETERIA ADDITION
- PREFERENCE FOR THE LIGHTER COLOR METAL CANOPY OPTION.

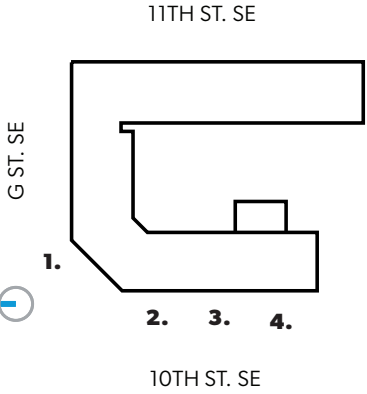


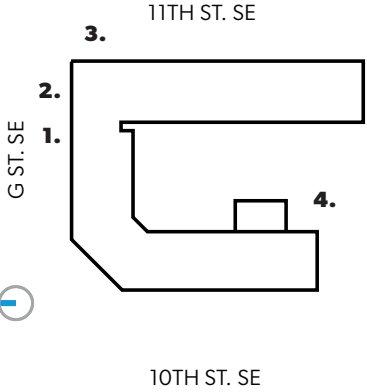


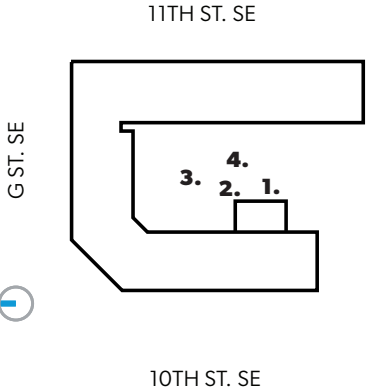


HISTORY & EXISTING CONDITIONS

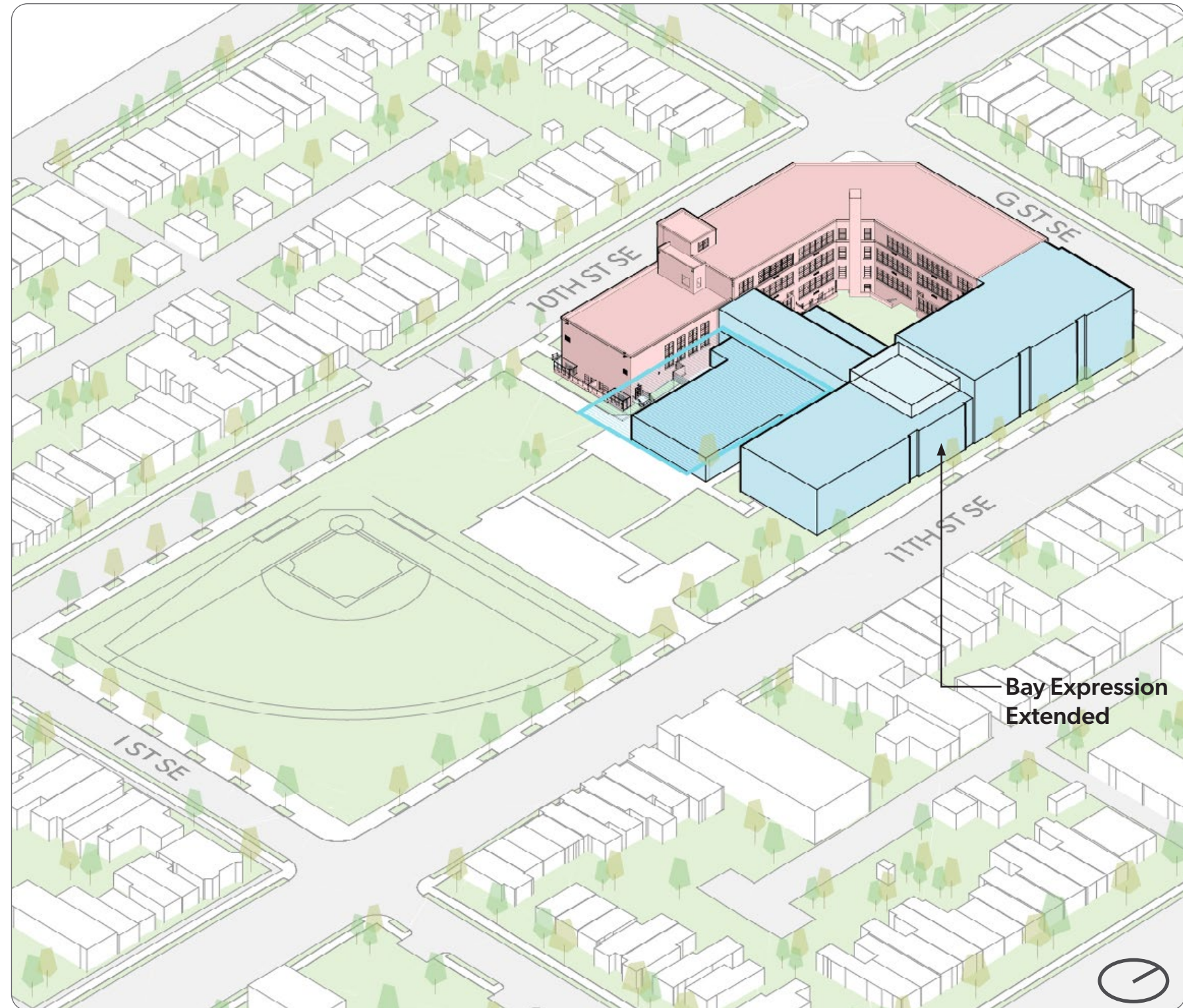
- Original 1949 building is a non-contributing building within the Capitol Hill Historic District
- Outside of the CHHD period of significance
- Approximately 75,000 SF
- Designed by municipal architect Merrill A. Coe in the Streamline Moderne Style
- Accessibility challenges with the building being several feet above grade
- Additions in the 1960's and 2020's







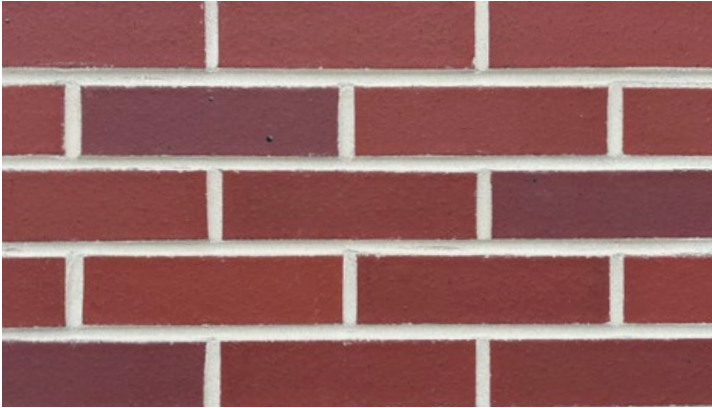
- Addition massing along 11th street mirrors historic massing along 10th street
- Lower volume encloses courtyard to the south
- Major program located at ground floor and adjacent to outdoor spaces
- Red brick facade at addition volumes are sympathetic to historic materiality
- Connector volume creates material break between existing and new
- Verticals in classroom bar break down the scale
- Large canopy element distinguishes dining volume and creates shade
- **Vertical classroom massing expression has been extended by one bay to the south**





*Note that final door configuration at existing entry to be coordinated with HPO staff and DCPS. Landscape shown for reference only. Fencing will be present. Removed for graphic clarity.

NEW ADDITION



BRICK MATCHED TO EXISTING BUILDING

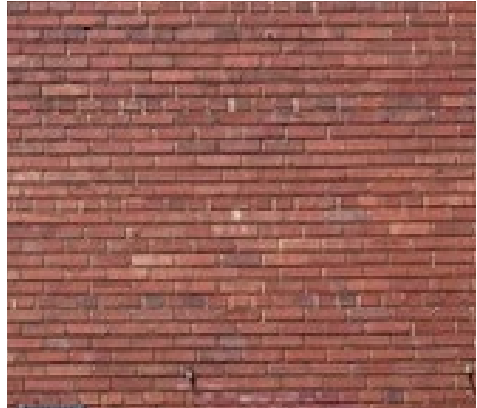


METAL PANEL



CAST STONE

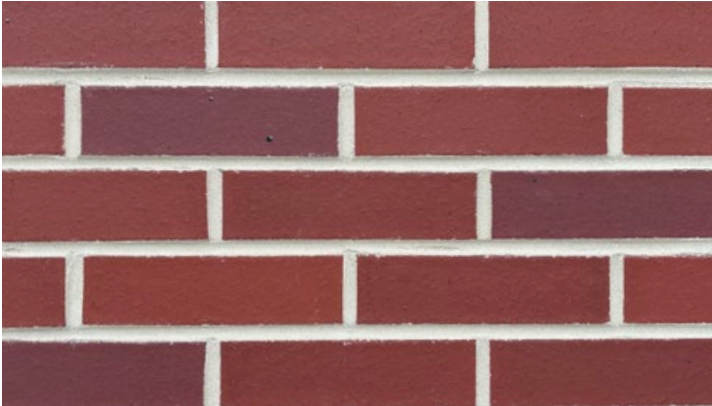
EXISTING BUILDING





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NEW ADDITION



BRICK MATCHED TO EXISTING BUILDING

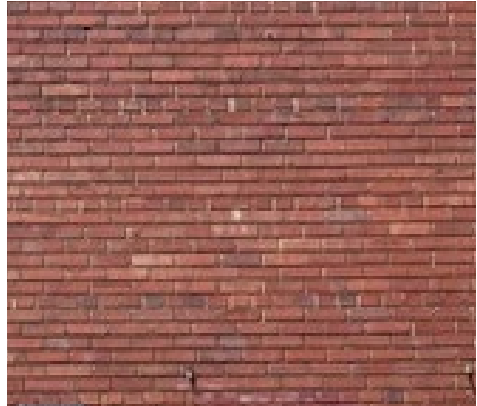


METAL PANEL



CAST STONE

EXISTING BUILDING

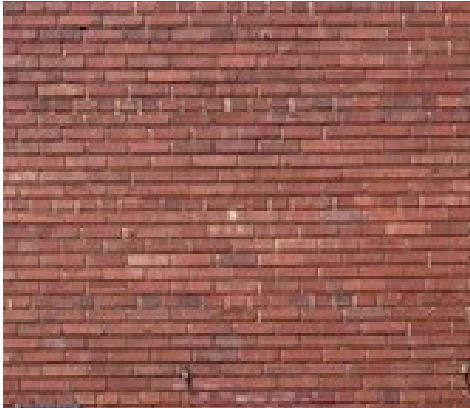




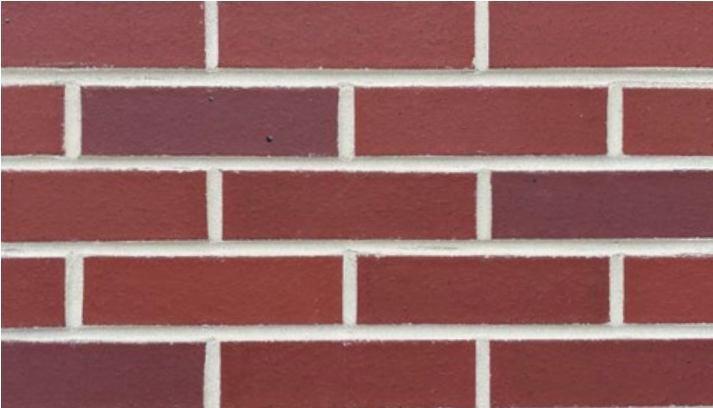
APPROVED CONCEPT IMAGE

Landscape shown for reference only. Fencing will be present. Removed for graphic clarity.

EXISTING BUILDING



NEW ADDITION



BRICK MATCHED TO EXISTING BUILDING



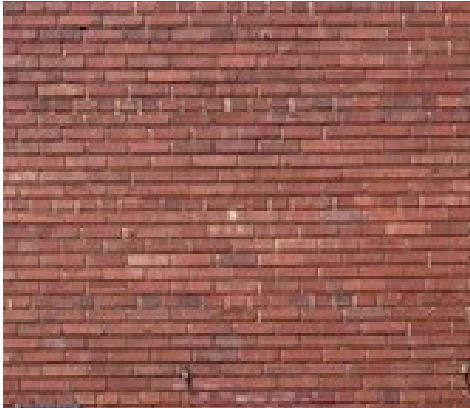
LIGHT COLORED METAL CANOPY



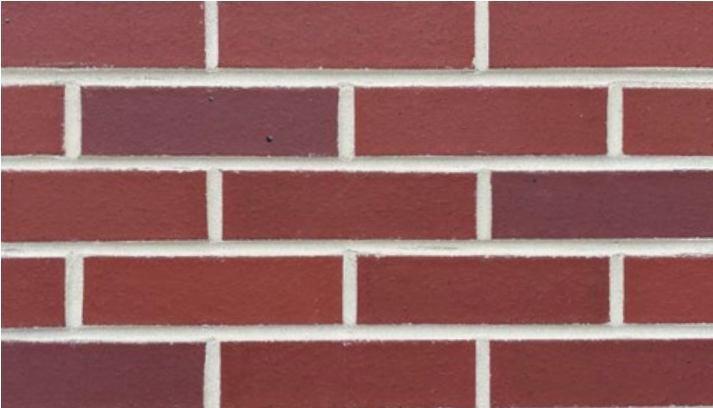
UPDATED FINAL SUBMISSION

Landscape shown for reference only. Fencing will be present. Removed for graphic clarity.

EXISTING BUILDING



NEW ADDITION



BRICK MATCHED TO EXISTING BUILDING



LIGHT COLORED METAL CANOPY



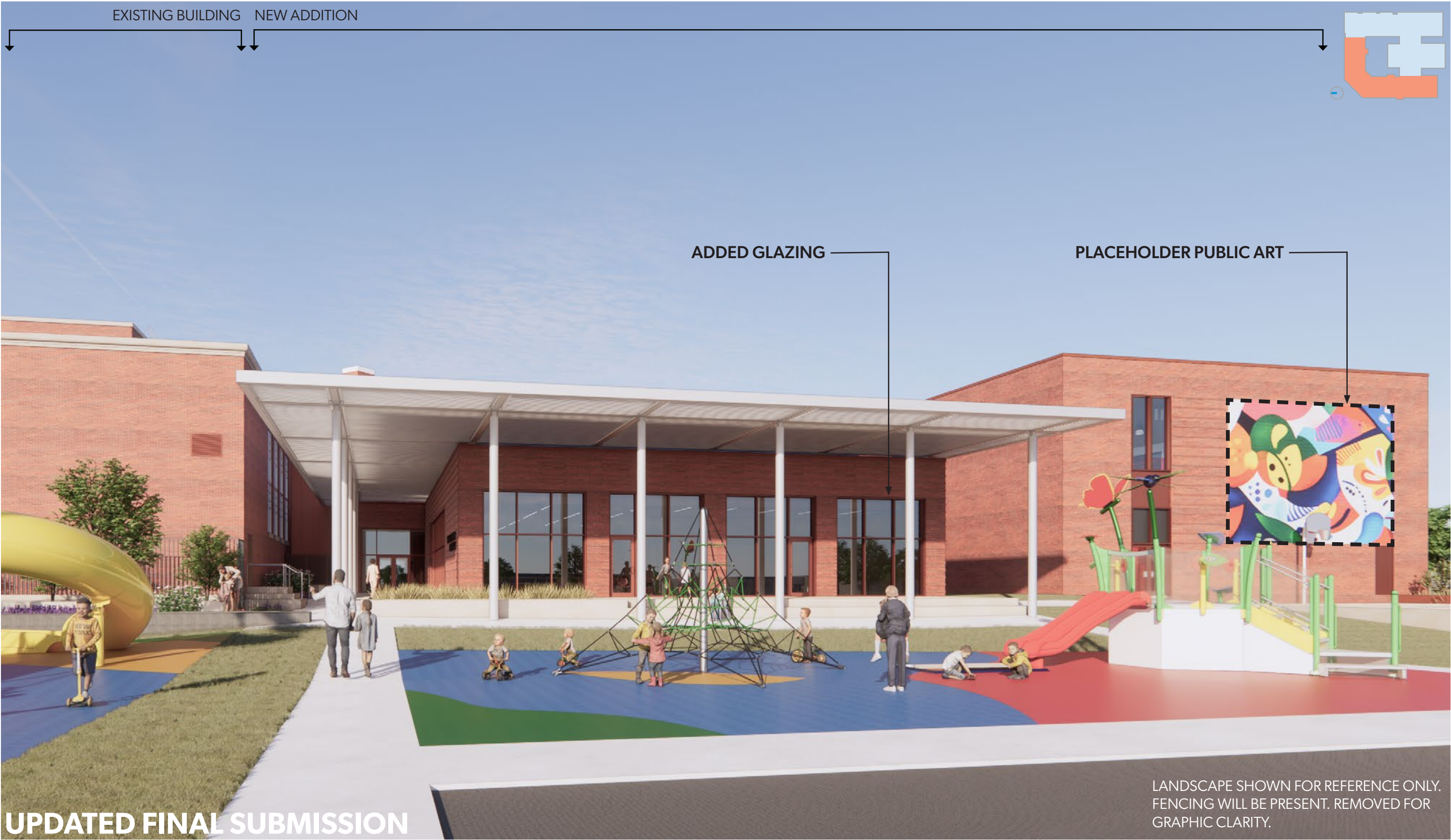
EXISTING BUILDING NEW ADDITION

PLACEHOLDER PUBLIC ART

APPROVED CONCEPT IMAGE

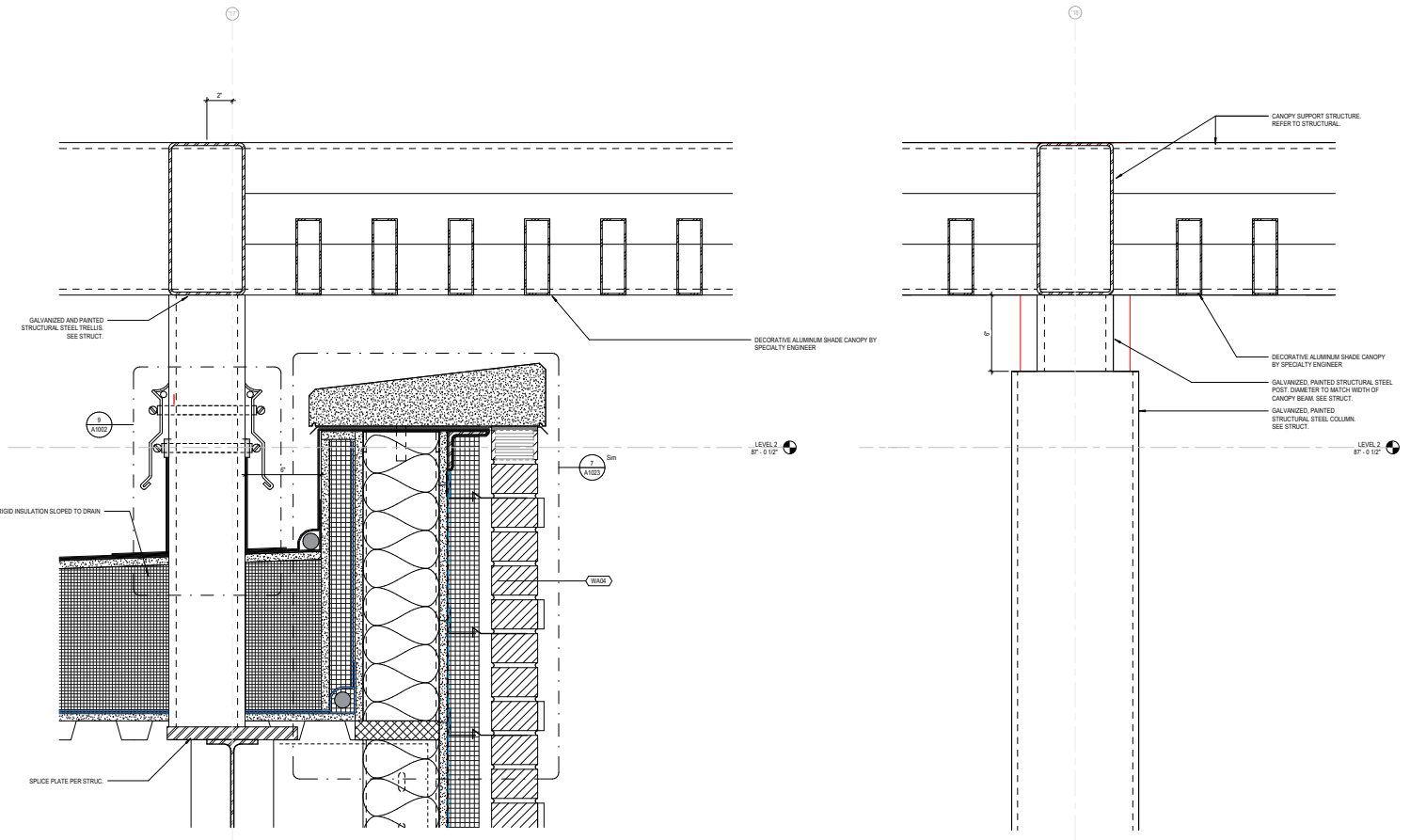
LANDSCAPE SHOWN FOR REFERENCE ONLY.
FENCING WILL BE PRESENT. REMOVED FOR
GRAPHIC CLARITY.

STUDIO
AMCN
DGS
DISTRICT OF COLUMBIA
PUBLIC SCHOOLS



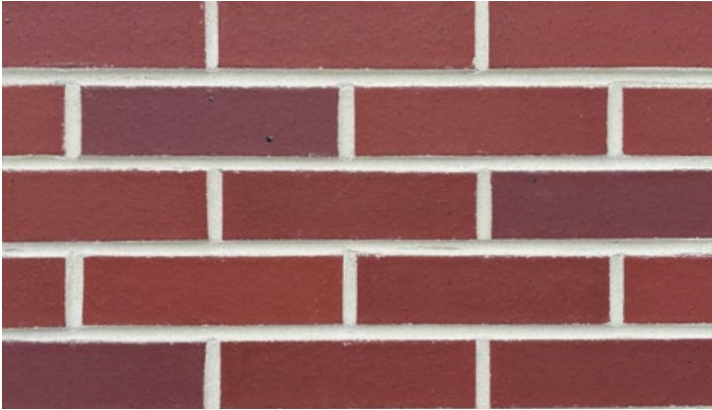
UPDATED FINAL SUBMISSION

LANDSCAPE SHOWN FOR REFERENCE ONLY.
FENCING WILL BE PRESENT. REMOVED FOR
GRAPHIC CLARITY.



CANOPY DETAILS

NEW ADDITION



BRICK MATCHED TO EXISTING BUILDING



LIGHT COLORED METAL CANOPY



METAL PANEL



CAST STONE



APPROVED CONCEPT IMAGE

LANDSCAPE SHOWN FOR REFERENCE ONLY.
FENCING WILL BE PRESENT. REMOVED FOR
GRAPHIC CLARITY.



PLACEHOLDER PUBLIC ART

VERTICAL CLASSROOM
EXPRESSION EXTENDED ONE
BAY TO THE SOUTH

LANDSCAPE SHOWN FOR REFERENCE ONLY.
FENCING WILL BE PRESENT. REMOVED FOR
GRAPHIC CLARITY.

UPDATED FINAL SUBMISSION

11th STREET FACADE BAY STUDY - NOT PROPOSED



As requested by the Commission, the design team studied an alternate version of the fourth bay along 11th street that carries it up to the 3rd floor. While it does provide certain architectural benefits, we ultimately decided not to pursue this direction for the following reasons:

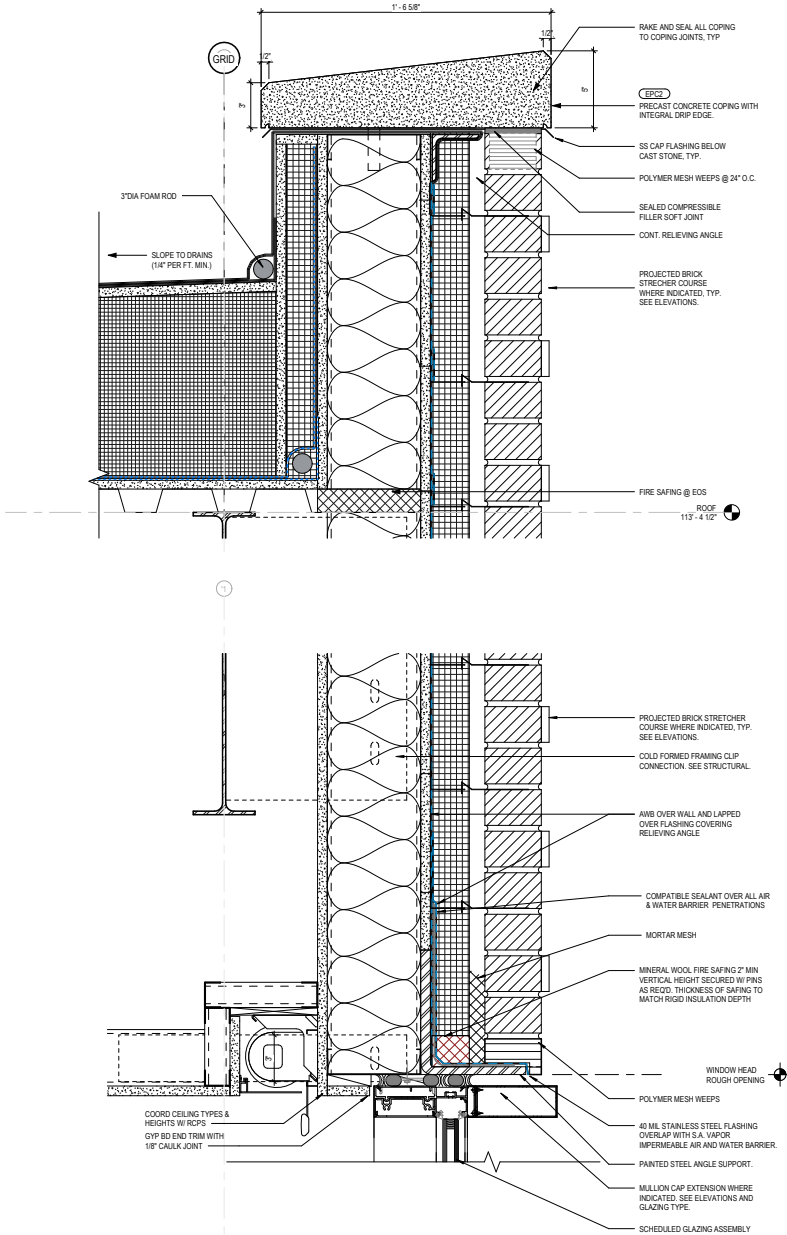
While the program in the three bays to the right is classrooms, the interior space behind this added fourth bay at the lower floors is within the gymnasium and the third floor area is an open mechanical well with large Dedicated Outside Air System (DOAS) units that require significant airflow to operate efficiently. As such, the majority of the facade would need to be fully louvered and include louvered openings within the brick facade on the east face. Even with these louvered facades, the design team is concerned that the opaque brick screen wall would prevent sufficient air flow to the HVAC equipment.

Additionally, the additional facade, openings, waterproofed enclosure and building structure necessary to achieve this articulation would result in a significant increase in project costs.

We have proposed a fourth-bay solution, shown on the previous page, that we believe achieves the intent of the comment from the Commission by breaking down the scale of the architecture along the street to create a varied sidewalk experience, and is also true to the spatial relationship between interior program and facade articulation. We hope that the Commission is able to accept our proposed solution in-lieu of the study on this page.

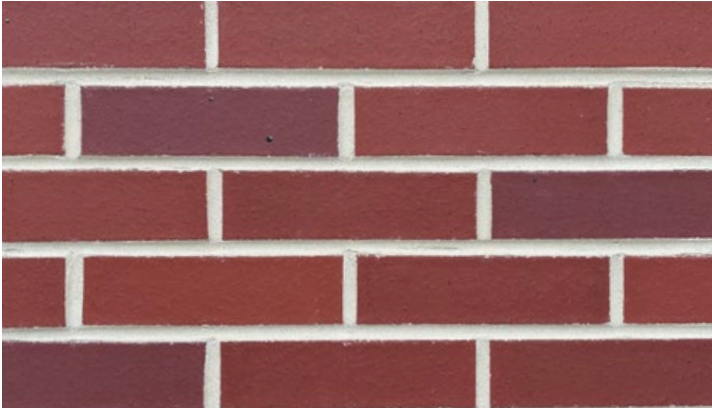






BRICK DETAILS

NEW ADDITION



BRICK MATCHED TO EXISTING BUILDING



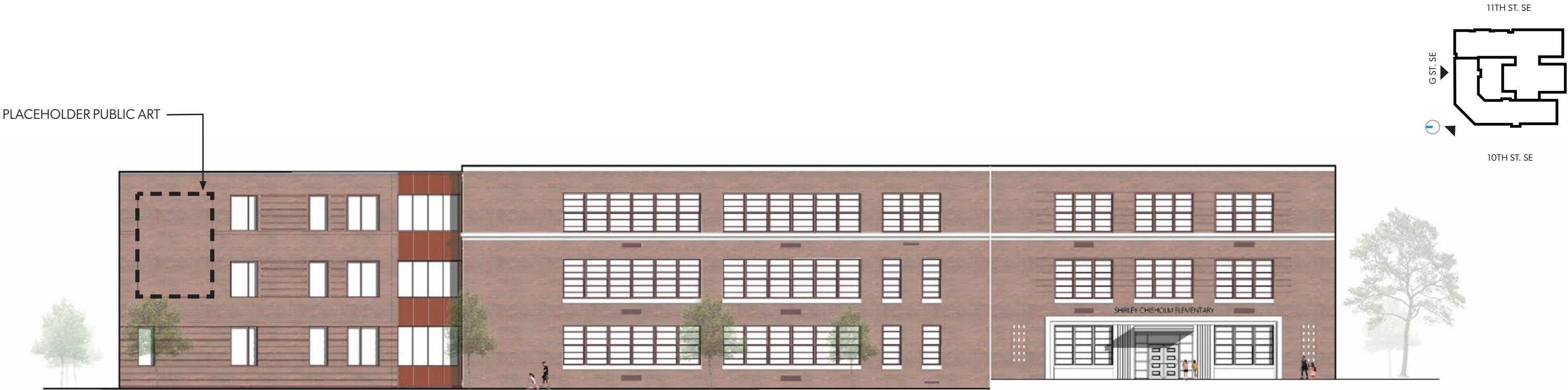
LIGHT COLORED METAL CANOPY



METAL PANEL



CAST STONE



NORTH AND NORTHWEST ELEVATION - APPROVED CONCEPT



NORTH AND NORTHWEST ELEVATION - UPDATED FINAL SUBMISSION



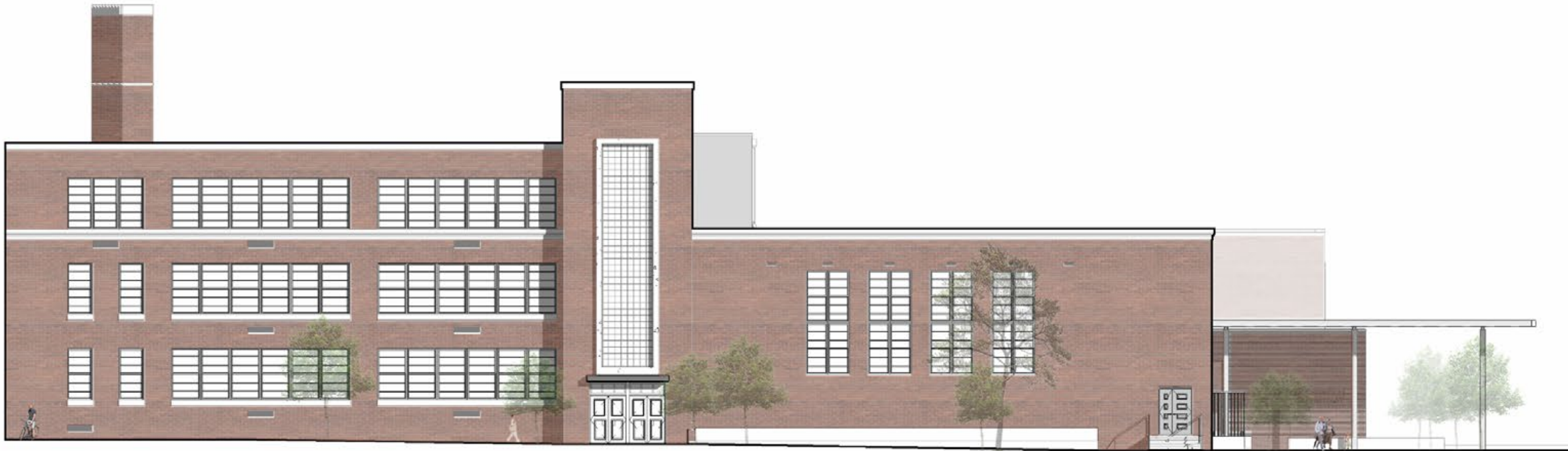
EAST ELEVATION - APPROVED CONCEPT



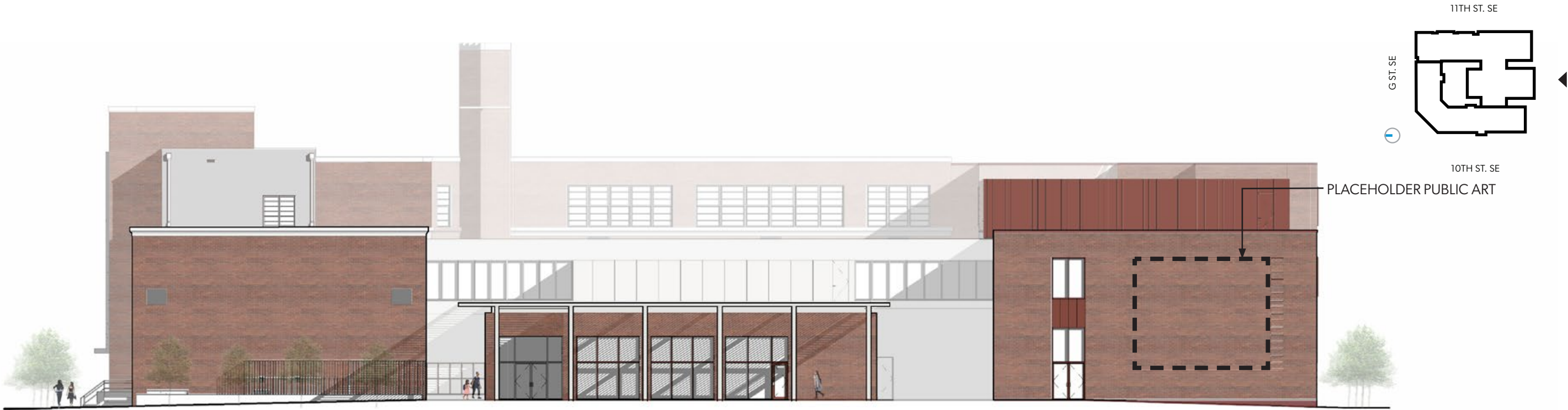
EAST ELEVATION - UPDATED FINAL SUBMISSION



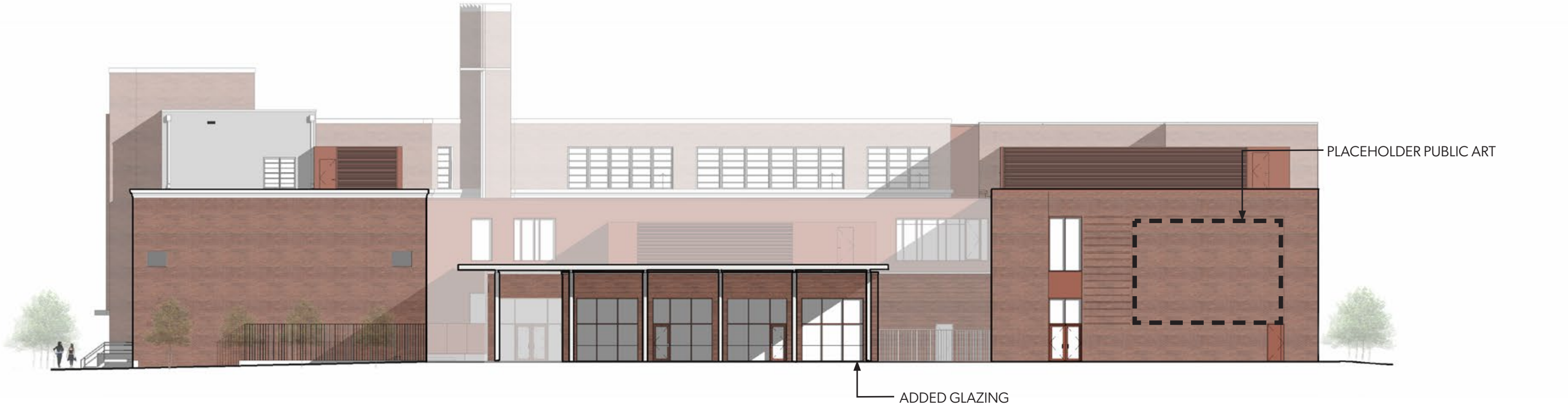
WEST ELEVATION - APPROVED CONCEPT



WEST ELEVATION - UPDATED FINAL SUBMISSION

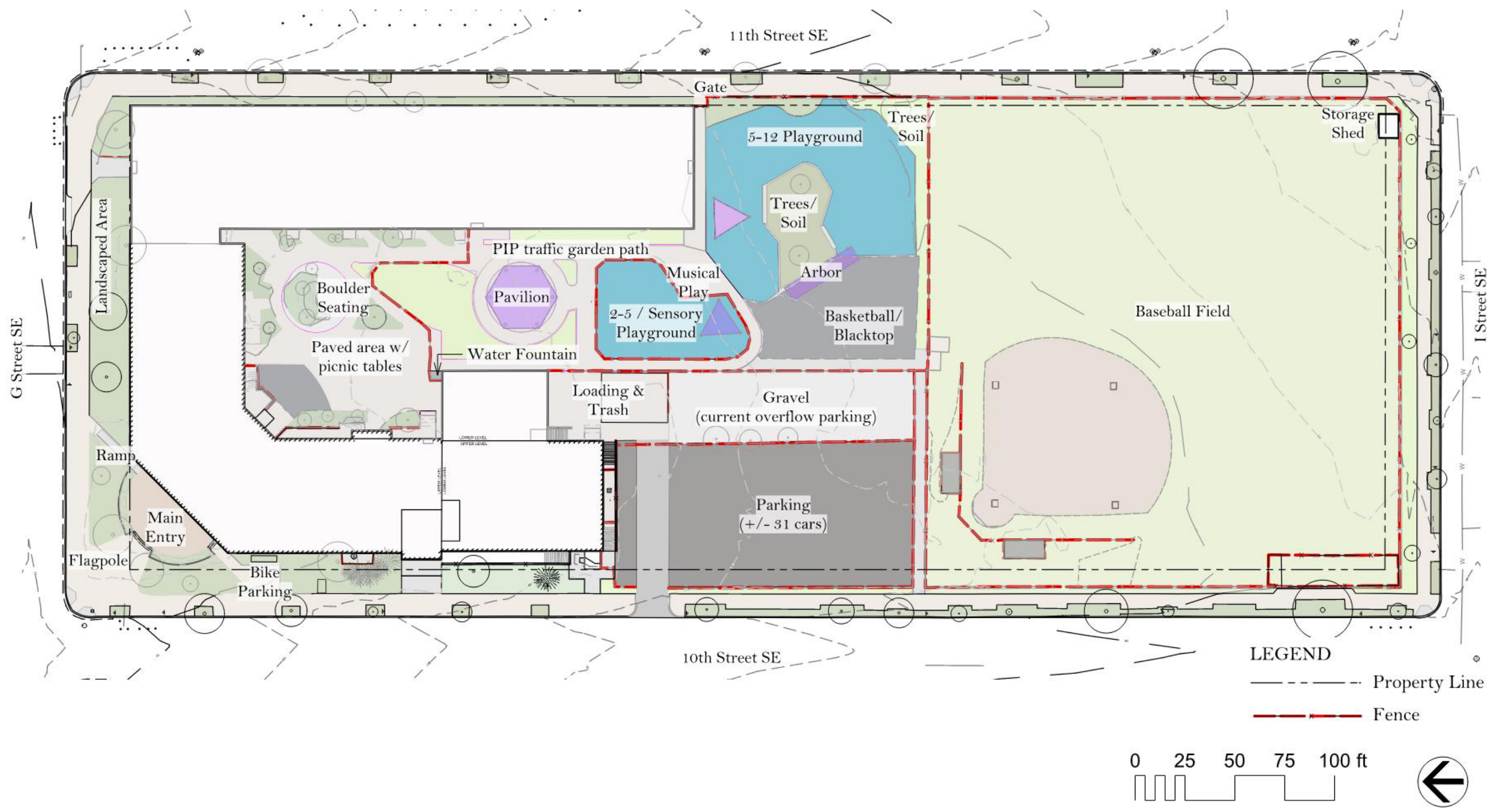


SOUTH ELEVATION - APPROVED CONCEPT

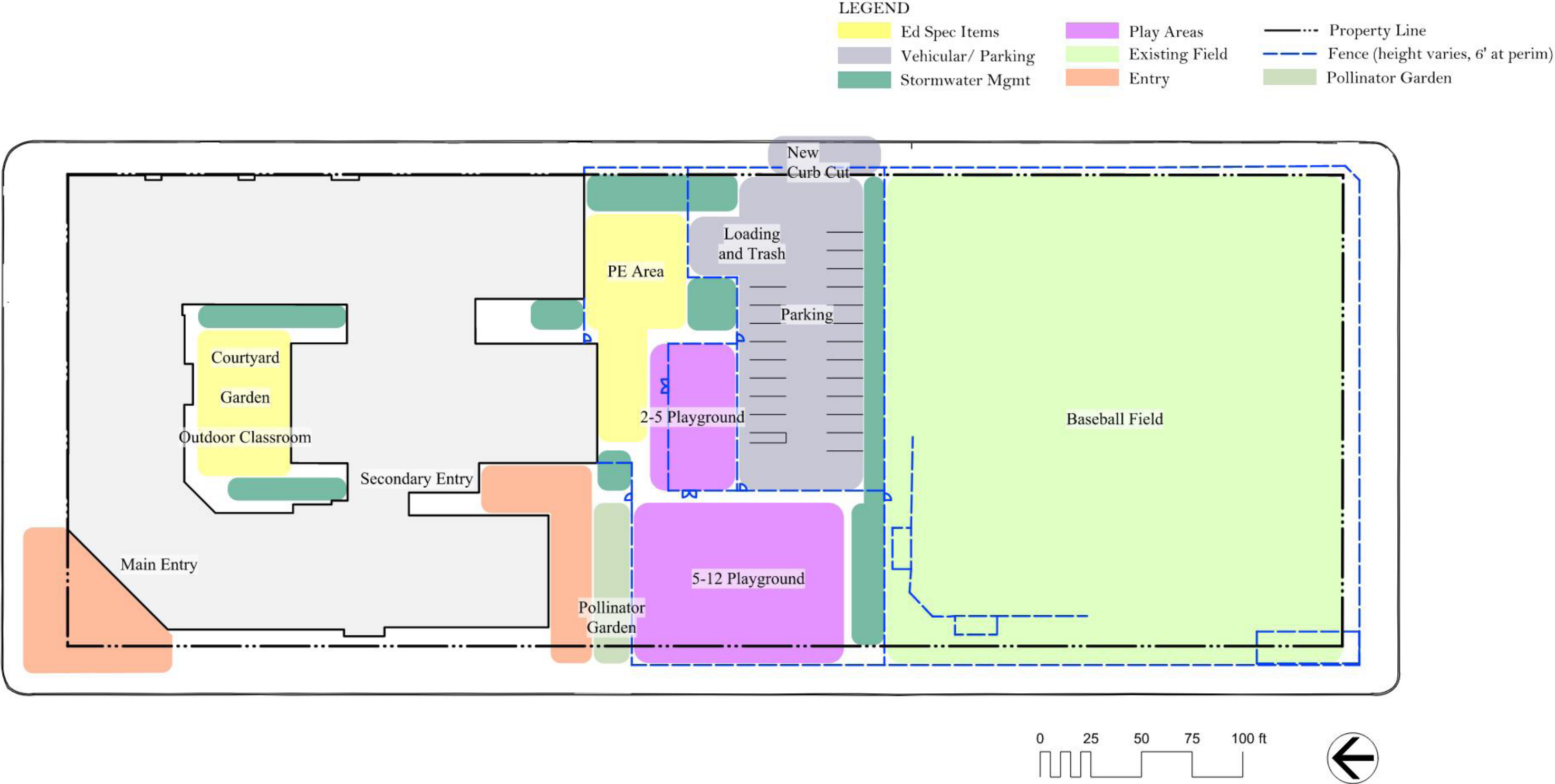


SOUTH ELEVATION - UPDATED FINAL SUBMISSION

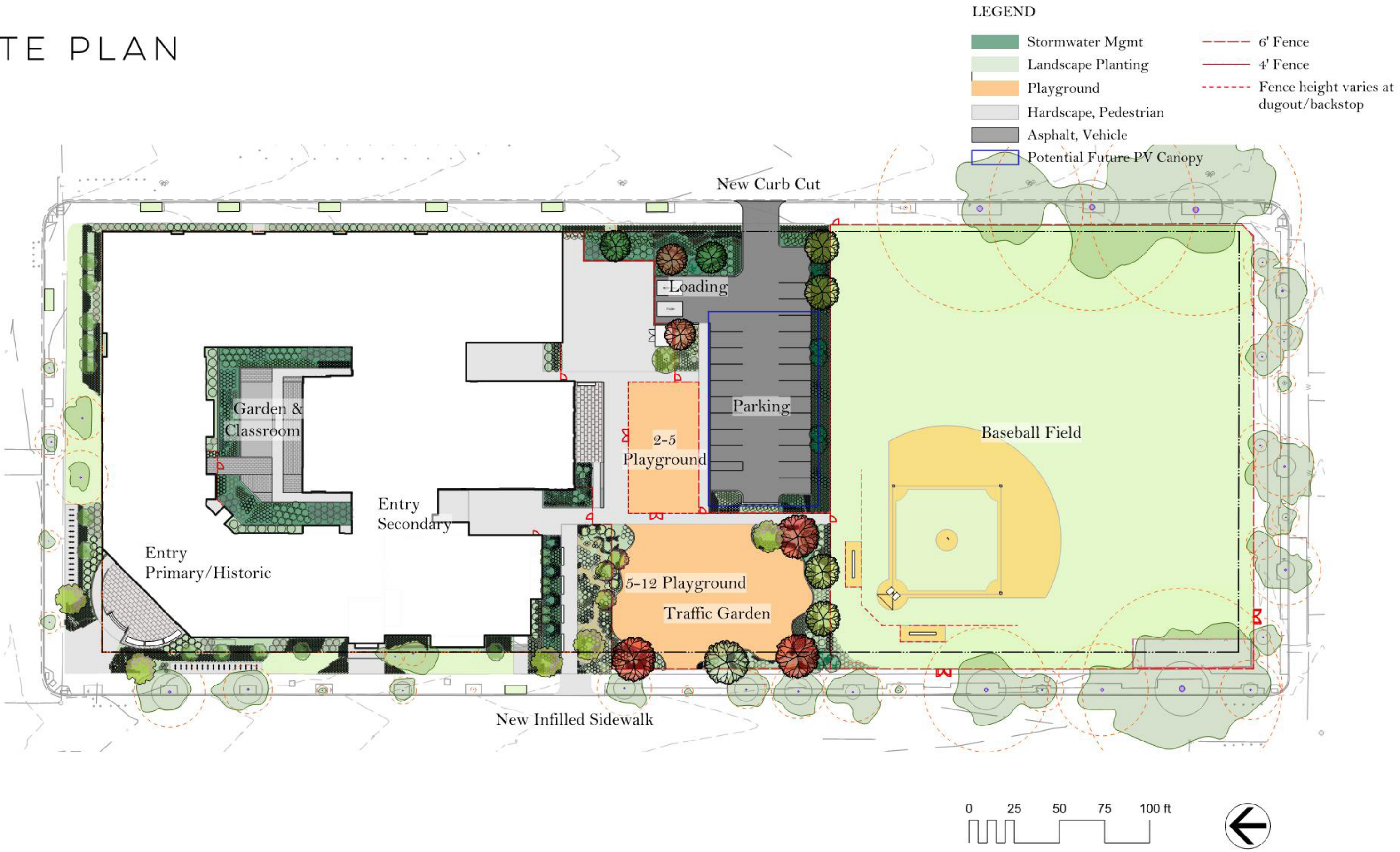
EXISTING SITE PLAN



PROGRAM ORGANIZATION



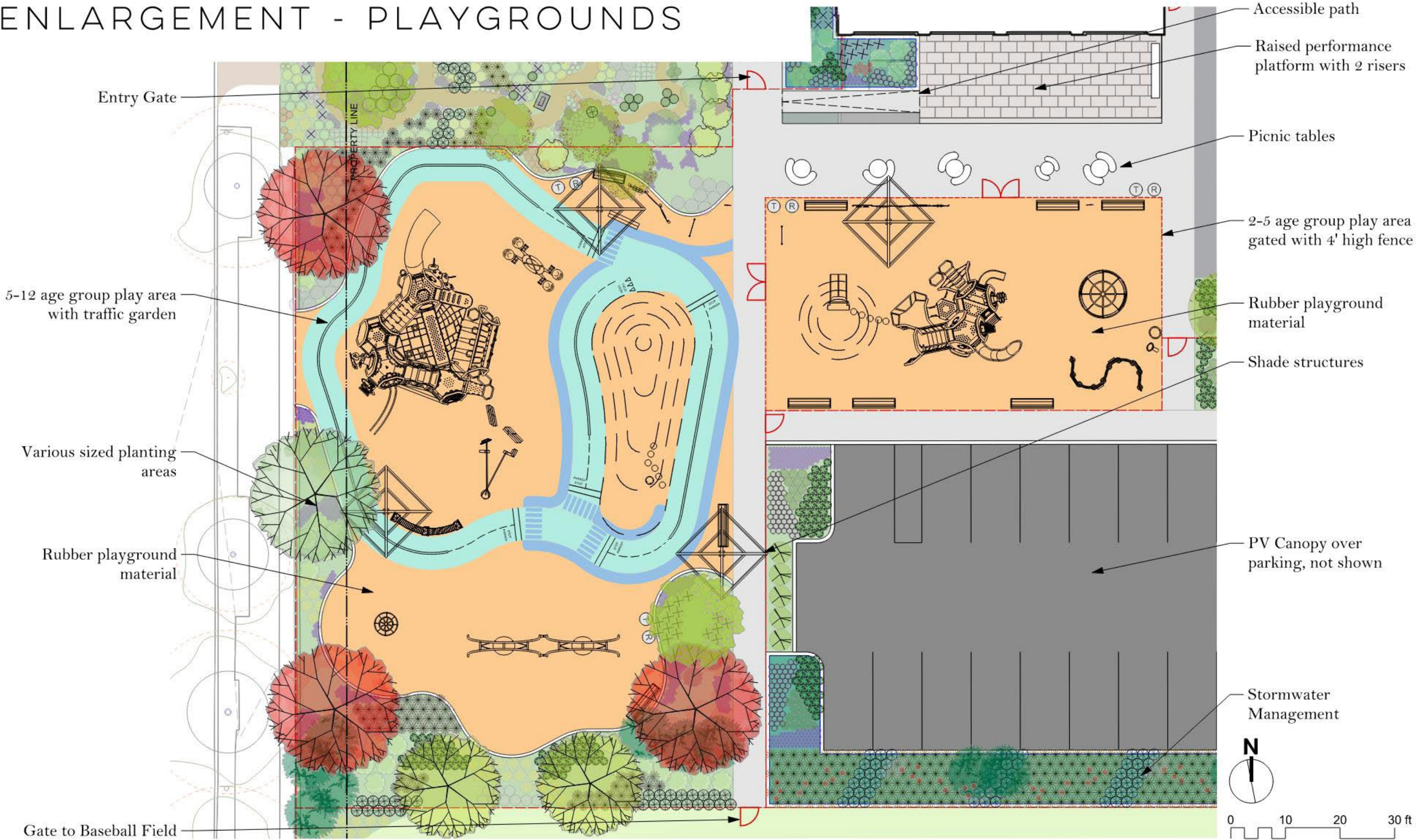
SITE PLAN



ENLARGEMENT - AT GRADE SECONDARY ENTRY



ENLARGEMENT - PLAYGROUNDS



PRECEDENT IMAGES



Age-appropriate play equipment in multicolor poured in place surfacing with plantings around the perimeter



Facilitation of different needs and multi-lingual school programming



Courtyard includes mix of plantings at the edges and hardscaped areas for programming



Reuse of existing site boulders



Pollinator gardens with child-scaled paths



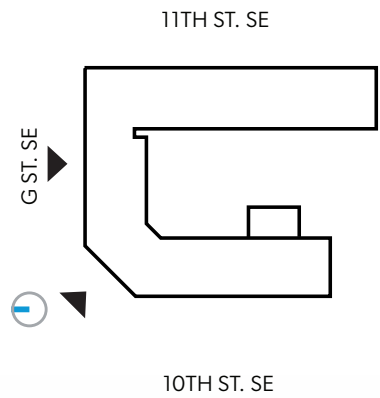
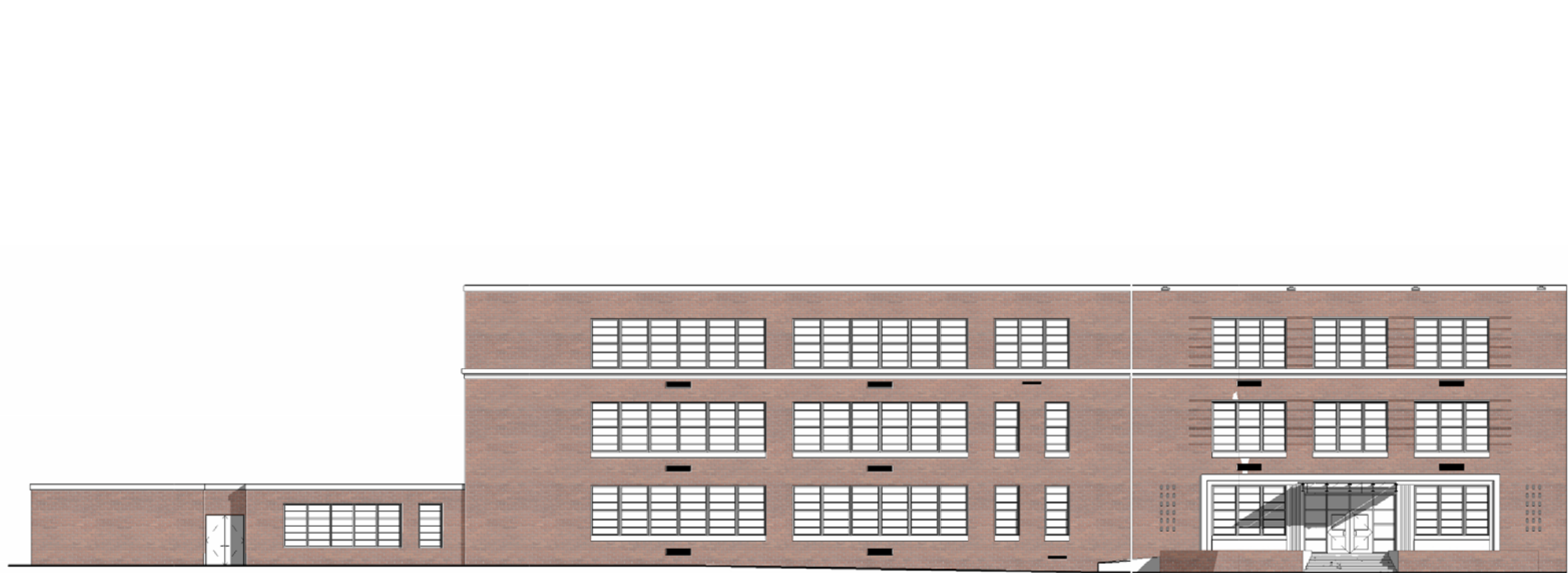
Stormwater management

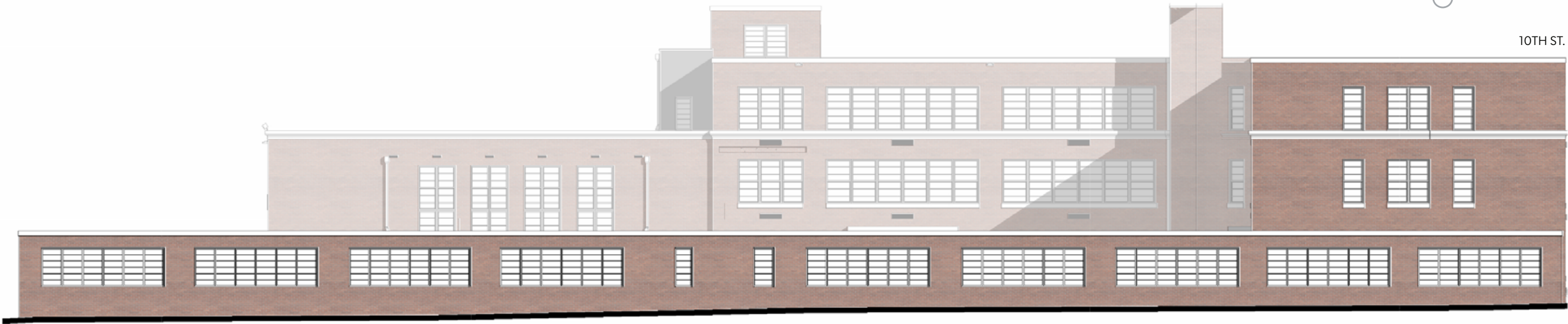
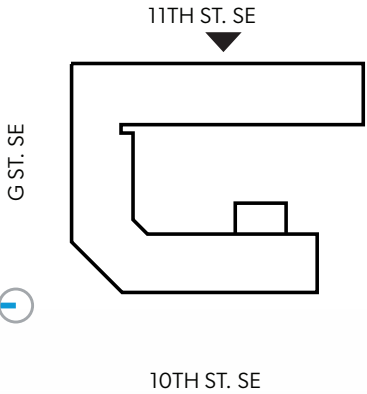


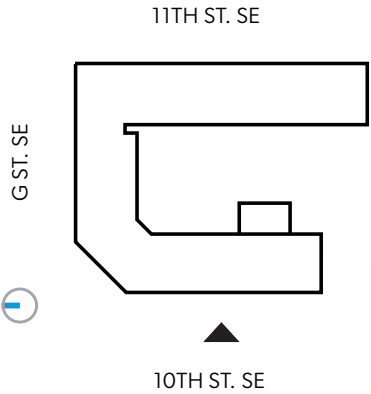
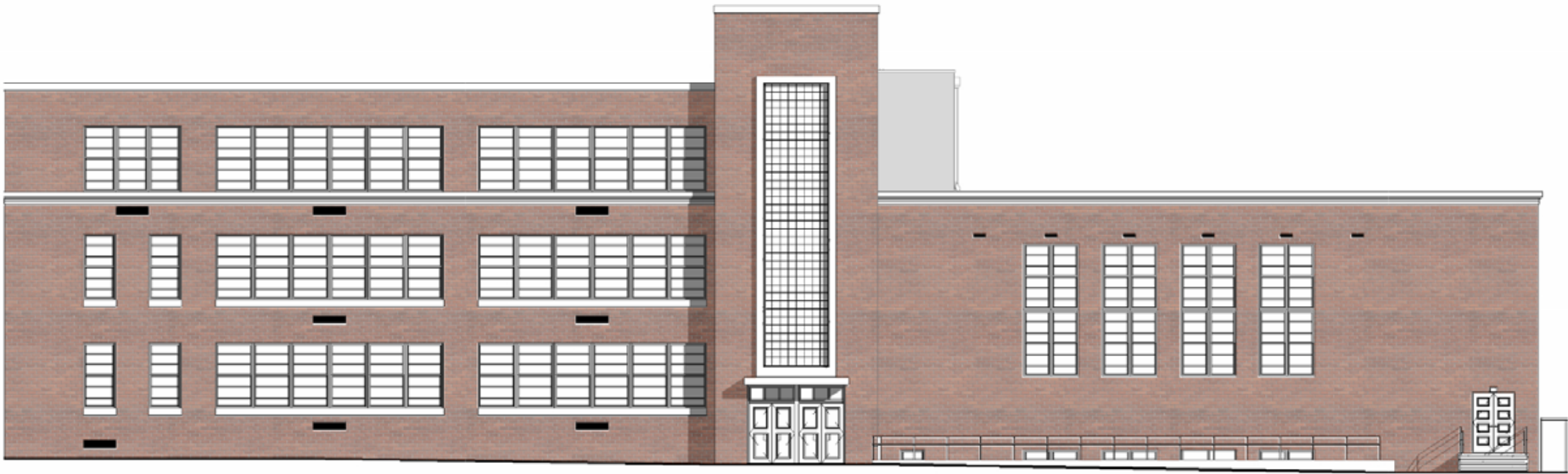
Traffic gardens

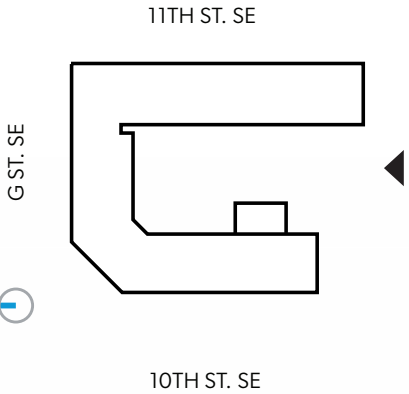
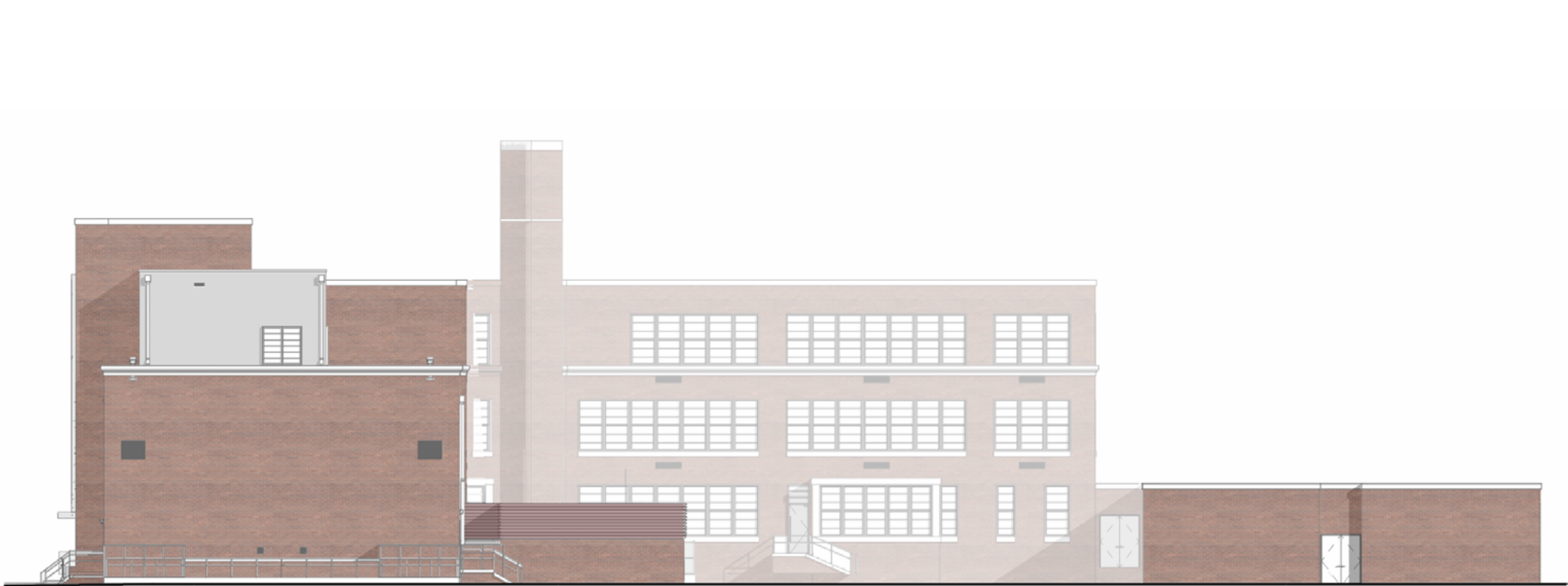
STUDIOS

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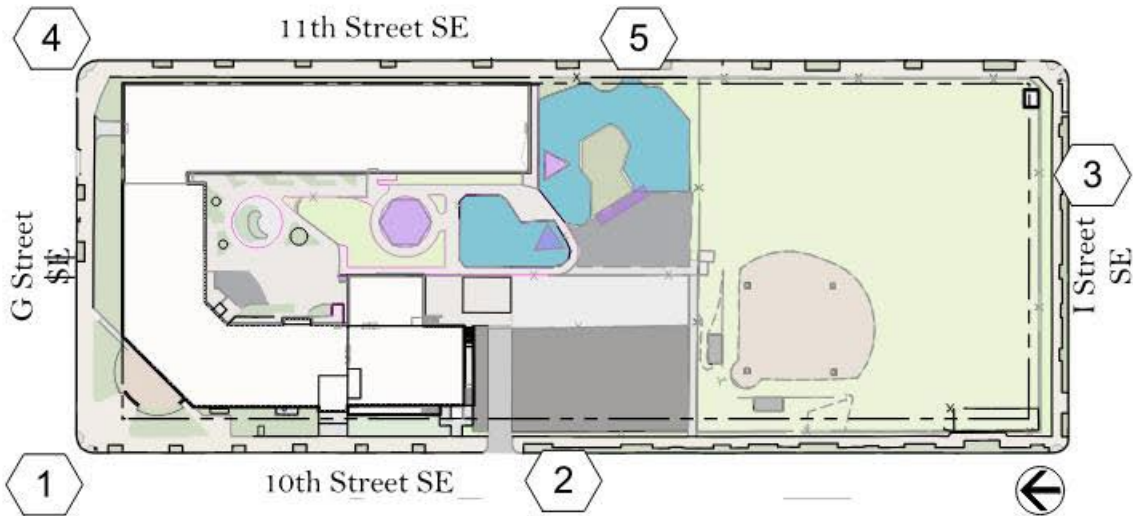






*Note that final door configuration at existing entry to be coordinated with HPO staff and DCPS.

EXISTING CONDITIONS



SITE CIRCULATION

- LEGEND
- Pedestrian Circulation on site

Pedestrian Circulation off site

Vehicular Circulation

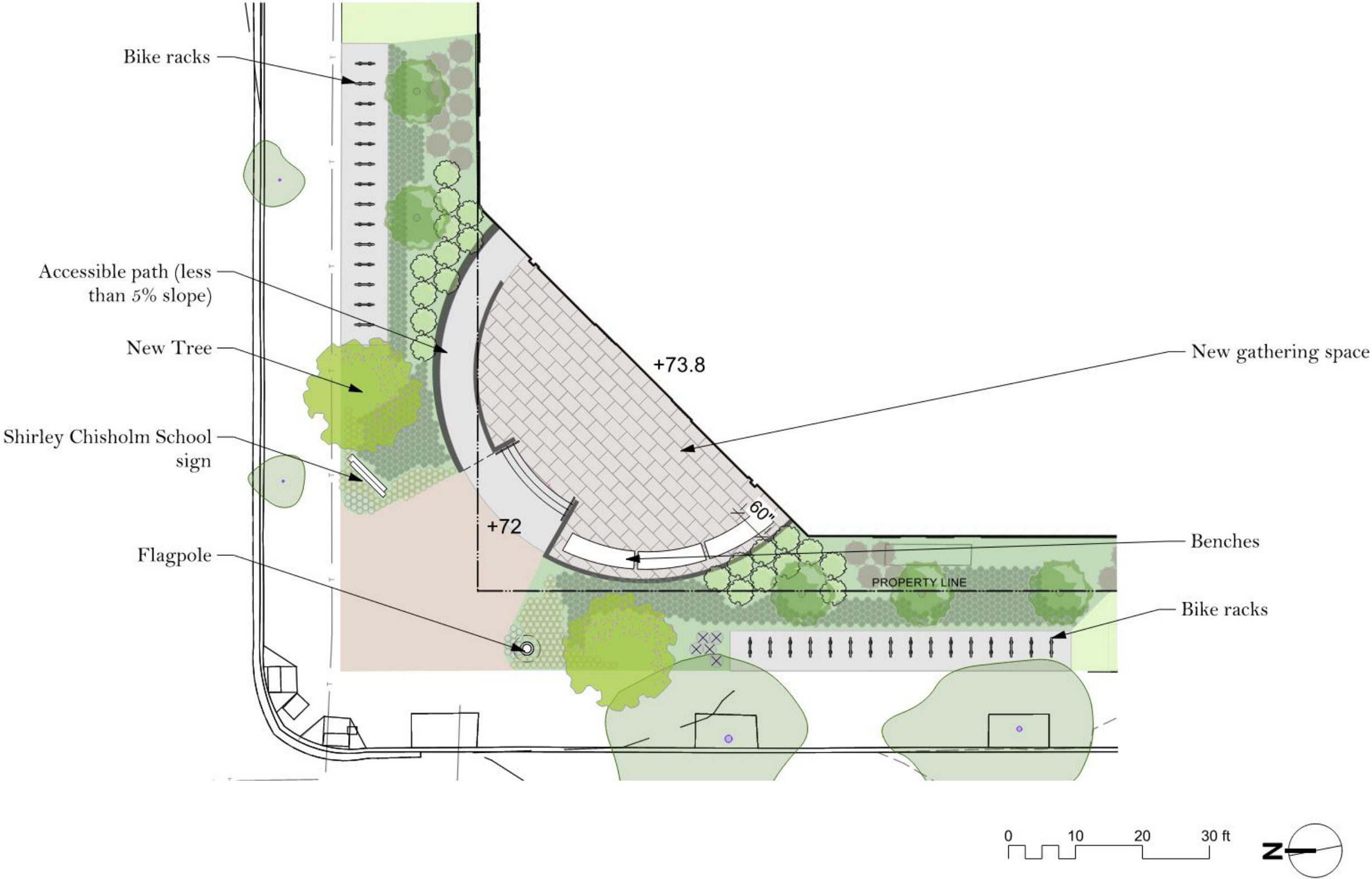
Deliveries

Bike Parking

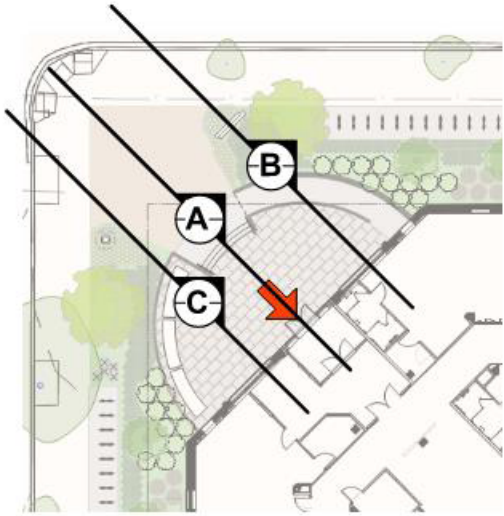
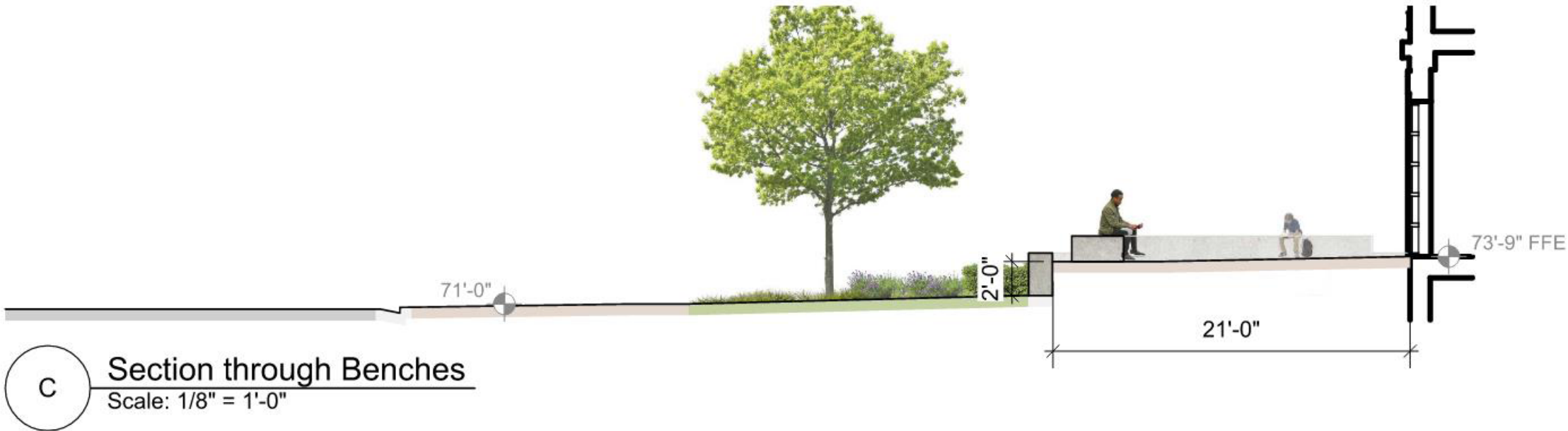
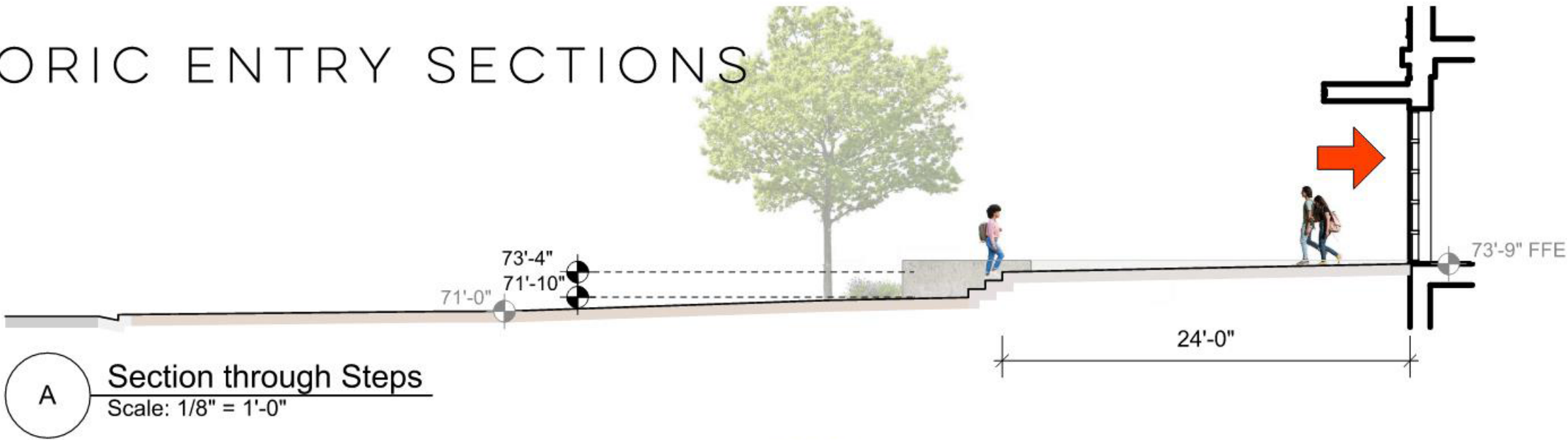
Property Line

Fence
-
- STUDIOAKA
- DGS DCPS CHISHOLM ELEMENTARY SCHOOL
- 2026

ENLARGEMENT - HISTORIC ENTRY PROPOSED DESIGN



HISTORIC ENTRY SECTIONS



KEYPLAN NTS

- EXISTING SPOT ELEVATION
- PROPOSED SPOT ELEVATION
- BUILDING ENTRY

ECOLOGICAL DESIGN

Partnership with Second Nature

second nature
ecology+design

GOAL: PROVIDE PLANTING PALETTE FOR PLACE-BASED BIODIVERSE SCHOOL YARD WITH OPPORTUNITIES FOR CURRICULUM DEVELOPMENT.



Shirley Chisholm Elementary School

PALETTE CRITERIA

- Supports pollinators
- Follows DC public schools & stormwater guidelines
- Urban & drought tolerant
- Low maintenance
- Supports focal species
- Creates ecological connections throughout the city
- Impactful natives

ECOLOGICAL DESIGN

Partnership with Second Nature

second nature
ecology+design

PALETTE RECOMMENDATIONS

1 Focus on Pollinators
Old-field/Meadow,
Andropogon virginicus
grassland/meadow
communities

2 Urban stormwater
retention

3 Trees, shrubs, grasses
for playground,
surrounding building

4 Curriculum &
Play-value

Large-scale precedent:
Jones Preserve,
Rappahannock County, VA

February 2026



ECOLOGICAL DESIGN

Partnership with Second Nature

second nature
ecology+design

Plant Palette Management Considerations

- Vegetation Management
 - Limit cut-backs in winter/spring to keep nesting resources for pollinators and food and cover for resident and migratory birds.
 - Stop deadheading in Fall to leave dried seed heads for birds over winter.
- Pesticides
 - No chemical pesticides, which can have harmful impacts on the environment and the species we're aiming to support. Instead, foster a healthy community of natural predators, and use trapping/mechanical removal when necessary to control outbreaks.
- Lighting
 - Darksky compliant (downward facing, warm bulbs) lighting. Reduce artificial nighttime lighting in all locations where possible, especially during fall and spring bird migrations to avoid collisions with windows. This can be accomplished with timed lighting, motion activated lights, or seasonal programming.

ECOLOGICAL DESIGN

Focus Species

second nature

ecology+design

Monarch Butterfly

Danaus Plexippus



Ecological Importance: Pollinator, in decline across much of its range. Notable for annual migration between Eastern U.S. and Mexico. Listed as a species of concern under the District of Columbia Wildlife Action Plan.

Habitats: Breeds and forages near any patches milkweed species in fields, meadows, gardens and urban plantings.

Urban Habitat Requirements: Patches of milkweed (*Asclepias* sp.) in open, sunlit areas.

Support Strategies: Milkweed (*Asclepias* spp.) is the only host-plant for breeding. Native species are ideal (e.g. swamp milkweed, butterfly milkweed, common milkweed) avoid planting non-native (tropical milkweed, *A. curassavica*)

Plant nectar sources for adults, including *Aster*, *Liatris*, *Monarda*, *Solidago* species.



ECOLOGICAL DESIGN

Focus Species

second nature

ecology+design

Great Spangled Fritillary

Speyeria cybele



Ecological Importance: Pollinator, listed as a species of concern under the District of Columbia Wildlife Action Plan.

Habitats: Forages near any old-fields, meadows, gardens, and urban plantings.

Urban Habitat Requirements: *Viola* species for breeding and/or nectar-rich plants for foraging.

Strategies for Supporting: Plant nectar sources for adults, including *Asclepias*, *Asters*, *Eutrochium*, *Liatris*, *Monarda*, *Solidago* species.



ECOLOGICAL DESIGN

Focus Species

second nature

ecology+design

American Goldfinch

Spinus tristis



Ecological Importance: Listed as a species of concern under the District of Columbia Wildlife Action Plan. Found in DC throughout school-year and summer.

Habitats: meadows, old-fields, urban and suburban yards.

Urban Habitat Requirements: nutrient-rich seeds producing plants, trees and shrubs for cover. Incorporate milkweed seeds into nests.

Strategies for Supporting: Plant native species with nutrient-rich seeds such as *Aster*, *Liatris*, *Monarda*, *Rudbeckia*, *Ulmus* species and native grasses.

Limit deadheading and pruning in late Fall/Winter.



PLANT LIST

Planting zones

Zone	Scientific Name	Common name	Habit	Height	Bloom Period
Pollinator garden(s)					
	<i>Amelanchier laevis</i>	Allegheny Serviceberry	Small tree		early spring
	<i>Andropogon virginicus</i>	Broomsedge	Grass		early fall
	<i>Antennaria neglecta</i>	Field Pussytoes	Perennial	6-10"	Apr-May
	<i>Asclepias tuberosa</i>	Butterfly Milkweed	Perennial	1-2.5'	July
	<i>Chrysopsis mariana</i>	Maryland Goldenaster	Perennial	1-2.5'	late summer - early f
	<i>Cornus florida</i>	Flowering Dogwood	Small tree	15-30'	April
	<i>Eutrochium purpureum</i>	Sweet Joe Pye Weed	Perennial	4-7'	late summer
	<i>Liatris spicata</i>	Dense Blazing-star	Perennial	2-4'	July-Aug
	<i>Monarda fistulosa</i>	Wild Bergamot (Bee Balm)	Perennial	2-4'	mid-summer
	<i>Monarda punctata</i>	Spotted Horsemint (Bee Balm)	Perennial	1.5-2'	spring-summer
	<i>Penstemon digitalis</i>	Beardtongue	Perennial	3-5'	early summer
	<i>Pycnanthemum virginianum</i>	Common Mountain Mint	Perennial	2-3'	late summer
	<i>Rudbeckia hirta</i>	Black-Eyed Susan	Perennial	2-3'	mid-summer
	<i>Schizachyrium scoparium</i>	Little Bluestem	Grass	2-4'	late summer
	<i>Solidago canadensis</i>	Canada Goldenrod	Perennial	4-5'	late summer
	<i>Solidago juncea</i>	Early Goldenrod	Perennial	2-4'	June
	<i>Symphyotrichum novae-angliae</i>	New England Aster	Perennial	3-6'	late summer
	<i>Viola papilionacea (Viola sororia)</i>	Common Violet	Perennial	4-8"	early spring
Playground/Other areas					
	<i>Acer rubrum</i>	Red Maple	Tree		early spring
	<i>Amelanchier laevis</i>	Allegheny Serviceberry	Small tree		early spring
	<i>Asimina triloba*</i>	Pawpaw	Medium tree		spring
	<i>Cercis canadensis</i>	Redbud	Small tree		early spring
	<i>Juniperus virginiana</i>	Eastern Red Cedar	Tree		evergreen
	<i>Lindera benzoin</i>	Spicebush	Shrub		early-mid-spring
	<i>Magnolia virginiana</i>	Sweetbay magnolia	Tree		May-July
	<i>Nyssa sylvatica</i>	Black Tupelo	Tree		spring
	<i>Panicum virgatum</i>	Switchgrass	Grass	3-6'	late summer
	<i>Ulmus americana "New Harmony"</i>	American elm	Tree		spring
	<i>Panicum virgatum</i>	Switchgrass	Grass		late summer-fall
	<i>Clethra alnifolia</i>	Sweet Pepperbush	Shrub		July
	<i>Asclepias tuberosa</i>	Butterfly Milkweed	Perennial		July
	<i>Pycnanthemum virginianum</i>	Common Mountain Mint	Perennial		late summer
	<i>Rudbeckia hirta</i>	Black-Eyed Susan	Perennial		mid-summer
	<i>Symphyotrichum novae-angliae</i>	New England Aster	Perennial		late summer
	<i>Viola papilionacea (Viola sororia)</i>	Common Violet	Perennial		early spring
	<i>Liatris spicata</i>	Dense Blazing-star	Perennial		July-Aug
Bioretention					
	<i>Asclepias incarnata</i>	Swamp Milkweed	Perennial		mid-summer
	<i>Aster novae-angliae</i>	New England Aster	Perennial		late summer
	<i>Betula nigra</i>	River Birch	Tree		spring
	<i>Celtis occidentalis</i>	Hackberry	Small tree		spring
	<i>Cornus amomum</i>	Silky dogwood	Shrub	6-12'	spring
	<i>Coreopsis verticillata</i>	Threadleaf Coreopsis	Perennial	2.5-3'	mid-summer
	<i>Clethra alnifolia</i>	Sweet Pepperbush	Shrub	3-6'	July
	<i>Elymus virginicus</i>	Virginia Wild Rye	Grass	2-4'	late summer-fall
	<i>Lobelia cardinalis</i>	Cardinal Flower	Perennial	2-4'	early-mid-summer
	<i>Penstemon digitalis</i>	Beardtongue	Perennial	3-5'	early summer
	<i>Phlox maculata</i>	Meadow Phlox	Perennial	2-3'	spring-summer
	<i>Physocarpus opulifolius</i>	Ninebark	Shrub	5-9'	May
	<i>Viola papilionacea (Viola sororia)</i>	Common Blue Violet	Perennial		early spring
	<i>Nyssa sylvatica</i>	Black Tupelo	Tree		
	<i>Magnolia virginiana</i>	Sweetbay magnolia	Tree		May-July
	<i>Andropogon virginicus</i>	Broomsedge	Grass		late summer-fall
	<i>Panicum virgatum</i>	Switchgrass	Grass		late summer-fall
	<i>Schizachyrium scoparium</i>	Little Bluestem	Grass		late summer-fall
	<i>Rudbeckia hirta</i>	Black-Eyed Susan	Perennial		mid-summer

All plants in this selected palette provide multiple environmental, educational, and sensory benefits. Certain species are highlighted with a call out to emphasize their particular ecological or sensory strengths.

SPECIAL HIGHLIGHT

EDIBLE FRUIT

SENSORY TOUCH

SENSORY SMELL

BUTTERFLY MUTUALISM

BUTTERFLY HOST PLANT

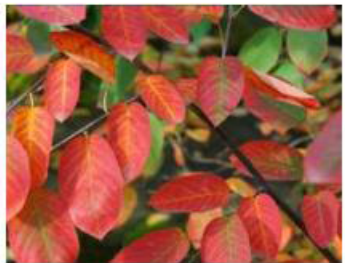
FOCUS SPECIES SUPPORT



POLLINATOR GARDEN-TREES & GRASSES



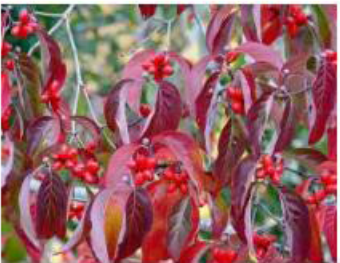
Amelanchier laevis
Allegheny Serviceberry
Height: 15 -25 ft
Bloom Time: April - June
Bloom color: White
Fall Interest: Peachy red foliage Sept - Oct



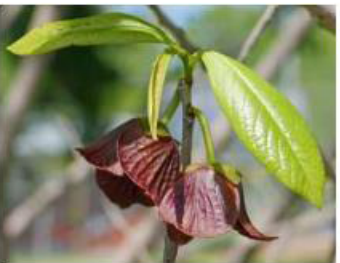
EDIBLE FRUIT



Cornus florida
Flowering Dogwood
Height: 15 - 30 ft
Bloom Time: April - May
Bloom color: White-pnk
Fall Interest: Red burgundy foliage Sept - Nov



Asimina triloba
Pawpaw
Height: 15 - 20 ft
Bloom Time: April - May
Bloom color: Maroon - purple
Fall Interest: Yellow foliage Oct - Nov



EDIBLE FRUIT



Andropogon virginicus
Broomsedge
Height: 1 - 3 ft
Bloom Time: Sept - Nov
Bloom color: Tan
Fall Interest: Golden foliage Oct - Dec

SENSORY TOUCH



Panicum virgatum
Switchgrass
Height: 3 - 6 ft
Bloom Time: Aug - Oct
Bloom color: Purple - Gold
Fall Interest: Purpleish foliage Sept - Nov

SENSORY TOUCH



Schizachyrium scoparium
Little Bluestem
Height: 2- 4 ft
Bloom Time: Aug - Oct
Bloom color: Purple - bronze
Fall Interest: Bronze foliage Sept - Nov

POLLINATOR GARDEN - PERENNIALS



Antennaria neglecta
Field Pussytoes
Height: 6 - 12 in
Bloom Time: Ap-June
Bloom color: White-pink

SENSORY
TOUCH



Asclepias tuberosa
Butterfly Milkweed
Height: 1 - 2.5 ft
Bloom Time: June - Aug
Bloom color: Orange

BUTTERFLY
MUTUALISM



Chrysopsis mariana
Maryland Goldenaster
Height: 1 -2.5 ft
Bloom Time: Aug - Oct
Bloom color: Yellow



Eutrochium purpureum
Sweet Joe Pye Weed
Height: 4 - 7 ft
Bloom Time: July - Sept
Bloom color: Pink



Liatris spicata
Dense Blazing-star
Height: 2 - 4 ft
Bloom Time: July - Aug
Bloom color: Purple



Monarda fistulosa
Wild Bergamot (Bee Balm)
Height: 2- 4 ft
Bloom Time: July - Sept
Bloom color: Lavendar-pale purple

SENSORY
SMELL



Monarda punctata
Spotted Horsemint (Bee Balm)
Height: 1.5 - 2 ft
Bloom Time: July - Sept
Bloom color: Purple



Penstemon digitalis
Beardtongue
Height: 3 - 5 ft
Bloom Time: May - July
Bloom color: White-pale pink

POLLINATOR GARDEN - PERENNIALS CONT.



Pycnanthemum virginianum
Common Mountain Mint
Height: 2 - 4 ft
Bloom Time: July - Sept
Bloom color: White

SENSORY
TOUCH



Rudbeckia hirta
Black-Eyes Susan
Height: 2- 3 ft
Bloom Time: July - Sept
Bloom color: Golden yellow



Solidago canadensis
Canada Goldenrod
Height: 4 -5 ft
Bloom Time: Aug - Oct
Bloom color: Yellow



Solidago juncea
Early Goldenrod
Height: 2- 4 ft
Bloom Time: July - Sept
Bloom color: Yellow



Symphyotrichum novae-angliae
New England Aster
Height: 3 - 6 ft
Bloom Time: Sept - Oct
Bloom color: Purple

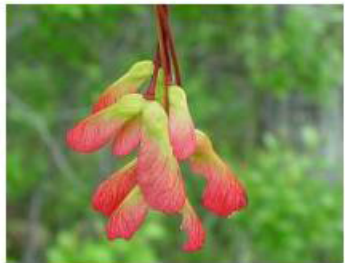
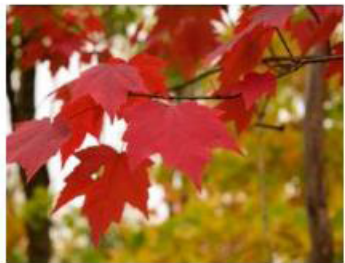


Viola papilionacea (sororia)
Common Violet
Height: 6 - 10 in
Bloom Time: March - May
Bloom color: Deep purple

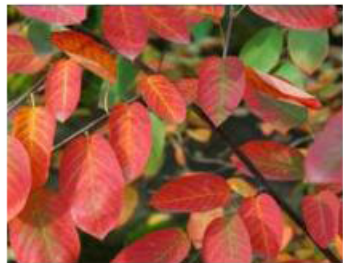
BUTTERFLY
MUTUALISM

BUTTERFLY
HOST PLANT

PLAYGROUND - TREES



Acer rubrum
Red Maple
Height: 40 - 70 ft
Bloom color: Red - Orange
Fall Interest: Bright red foliage Sept. - Oct



Amelanchier laevis
Allegheny Serviceberry
Height: 15 -25 ft
Bloom Time: April - June
Bloom color: White
Fall Interest: Peachy red foliage Sept - Oct

EDIBLE FRUIT



Cercis canadensis
Redbud
Height: 20 -30 ft
Bloom Time: March - April
Bloom color: Pink - Light Purple
Fall Interest: Yellow foliage Sept - Nov

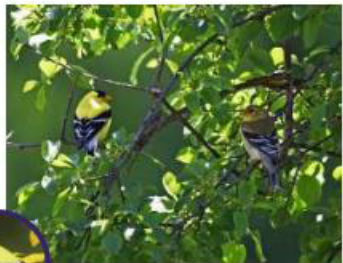


Magnolia virginiana
Sweetbay magnolia
Height: 10 - 35 ft
Bloom Time: May - July
Bloom color: White
Fall Interest: Semi-evergreen

SENSORY
SMELL



Nyssa sylvatica
Black Tupelo
Height: 30 -50 ft
Bloom Time: May - June
Bloom color: Red - Orange
Fall Interest: Red orange foliage Sept. - Oct



Ulmus americana "New Harmony"
American Elm
Height: 60 - 70 ft
Bloom Time: Spring
Bloom color: Yellow
Fall Interest: Yellow foliage Sept - Nov

PLAYGROUND - SHRUBS



Clethra alnifolia
Sweet Pepperbush
Height: 3 - 6 ft
Bloom Time: July - Aug
Bloom color: White
Fall Interest: Yellow foliage Sept - Oct



SENSORY
SMELL

SENSORY
TOUCH



Juniperus virginiana
Eastern Red Cedar
Height: 30 - 60 ft
Fall Interest: Evergreen



SENSORY
SMELL



Lindera benzoin
Spicebush
Height: 6 - 12 ft
Bloom Time: March - April
Bloom color: Yellow
Fall Interest: Yellow foliage Sept - Nov



SENSORY
SMELL

BUTTERFLY
MUTUALISM

BUTTERFLY
HOST PLANT

PLAYGROUND - GRASS & PERENNIALS



Panicum virgatum

Switchgrass

Height: 3 - 6 ft

Bloom Time: Aug - Oct

Bloom color: Purple - Gold

Fall Interest: Purpleish foliage Sept - Nov

SENSORY
TOUCH



Asclepias tuberosa

Butterfly Milkweed

Height: 1 - 2.5 ft

Bloom Time: June - Aug

Bloom color: Orange

BUTTERFLY
MUTUALISM



Liatris spicata

Dense Blazing-star

Height: 2 - 4 ft

Bloom Time: July - Aug

Bloom color: Purple



Pycnanthemum virginianum

Common Mountain Mint

Height: 2 - 4 ft

Bloom Time: July - Sept

Bloom color: White

SENSORY
TOUCH



Rudbeckia hirta

Black-Eyes Susan

Height: 2- 3 ft

Bloom Time: July - Sept

Bloom color: Golden yellow



Symphyotrichum novae-angliae

New England Aster

Height: 3 - 6 ft

Bloom Time: Sept - Oct

Bloom color: Purple



Viola papilionacea (sororia)

Common Violet

Height: 6 - 10 in

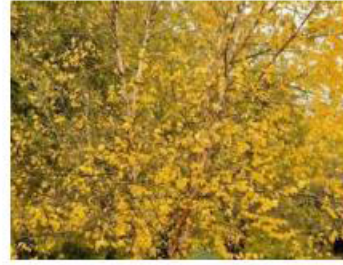
Bloom Time: March - May

Bloom color: Deep purple

BUTTERFLY
MUTUALISM

BUTTERFLY
HOST PLANT

BIORETENTION - TREES



Betula nigra
River Birch
Height: 40 - 70 ft
Bloom Time: April - May
Bloom color: Yellow
Fall Interest: Yellow foliage Oct - Nov



Celtis occidentalis
Hackberry
Height: 40 - 60 ft
Bloom Time: April - May
Bloom color: Green-Yellow
Fall Interest: Greenish yellow foliage Oct - Nov



Magnolia virginiana
Sweetbay magnolia
Height: 10 - 35 ft
Bloom Time: May - July
Bloom color: White
Fall Interest: Semi-evergreen

SENSORY
SMELL



Nyssa sylvatica
Black Tupelo
Height: 30 - 50 ft
Bloom Time: May - June
Bloom color: Red orange foliage Oct - Nov

BIORETENTION - SHRUBS & GRASSES



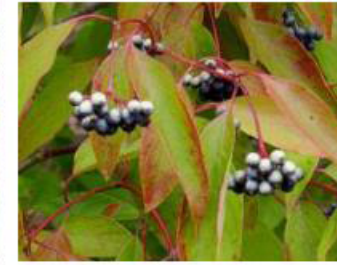
Clethra alnifolia
 Sweet Pepperbush
 Height: 3 - 6 ft
 Bloom Time: July - Aug
 Bloom color: White
 Fall Interest: Yellow foliage Sept - Oct



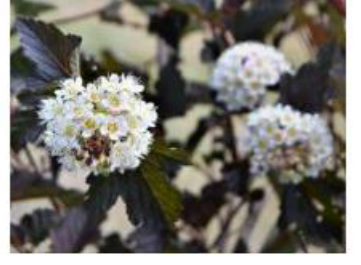
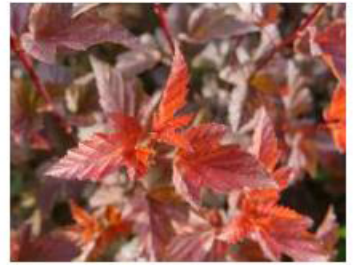
SENSORY
 SMELL



Cornus amomum
 Silky Dogwood
 Height: 6 - 12 ft
 Bloom Time: May - June
 Bloom color: Yellow - White



Physocarpus opulifolius
 Ninebark
 Height: 5 - 9 ft
 Bloom Time: May - July
 Bloom color: Pink - White
 Fall Interest: Sept - Oct



Andropogon virginicus
 Broomsedge
 Height: 1 - 3 ft
 Bloom Time: Sept - Nov
 Bloom color: Golden
 Fall Interest: Golden foliage Oct - Dec



Elymus virginicus
 Virginia Wild Rye
 Height: 2 - 4 ft
 Bloom Time: May - June
 Bloom color: Tan
 Fall Interest: Tan foliage Sept - Nov



Panicum virgatum
 Switchgrass
 Height: 3 - 6 ft
 Bloom Time: Aug - Oct
 Bloom color: Purple - Gold
 Fall Interest: Purpleish foliage Sept - Nov



Schizachyrium scoparium
 Little Bluestem
 Height: 2- 4 ft
 Bloom Time: Aug - Oct
 Bloom color: Purple - bronze
 Fall Interest: Bronze foliage Sept - Dec

BIORETENTION - PERENNIALS



Asclepias incarnata
 Swamp Milkweed
 Height: 3- 5 ft
 Bloom Time: July - Aug
 Bloom color: Pink



Coreopsis verticillata
 Threadleaf Coreopsis
 Height: 2.5 - 3 ft
 Bloom Time: June - Sept
 Bloom color: Bright yellow



Lobelia cardinalis
 Cardinal Flower
 Height: 2 - 4 ft
 Bloom Time: July - Sept
 Bloom color: Scarlet red



Penstemon digitalis
 Beardtongue
 Height: 3 - 5 ft
 Bloom Time: May - July
 Bloom color: White-pale pink



Phlox maculata
 Meadow Phlox
 Height: 2 - 4 ft
 Bloom Time: July Sept
 Bloom color: Pink



Rudbeckia hirta
 Black-Eyes Susan
 Height: 2- 3 ft
 Bloom Time: Late summer
 Bloom color: Yellow



Symphyotrichum novae-angliae
 New England Aster
 Height: 3 - 6 ft
 Bloom Time: Sept - Oct
 Bloom color: Purple



Viola papilionacea (sororia)
 Common Violet
 Height: 6 - 10 in
 Bloom Time: March - May
 Bloom color: Deep purple

