

mahlum



Queen Anne Elementary

SDAT 06 :: FINALIZE 05 May 2016





Agenda

Site Analysis, Site Values & Vehicular Site Access

Mission Statement

Functional Programming :: Small Group and Learning Commons

Virtual Tour

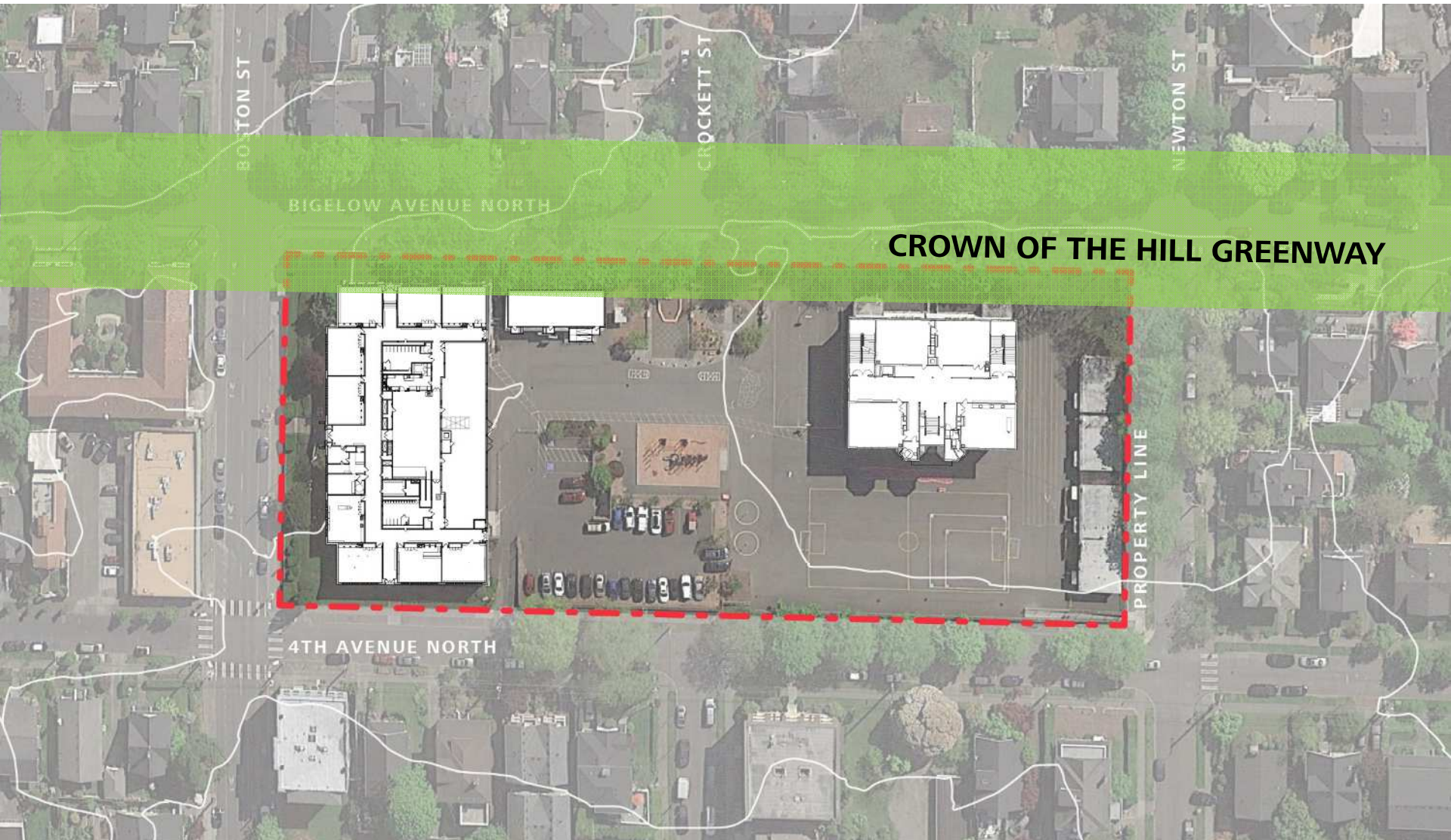
Concept Development

Next Steps

Parks and Schools



Site Features



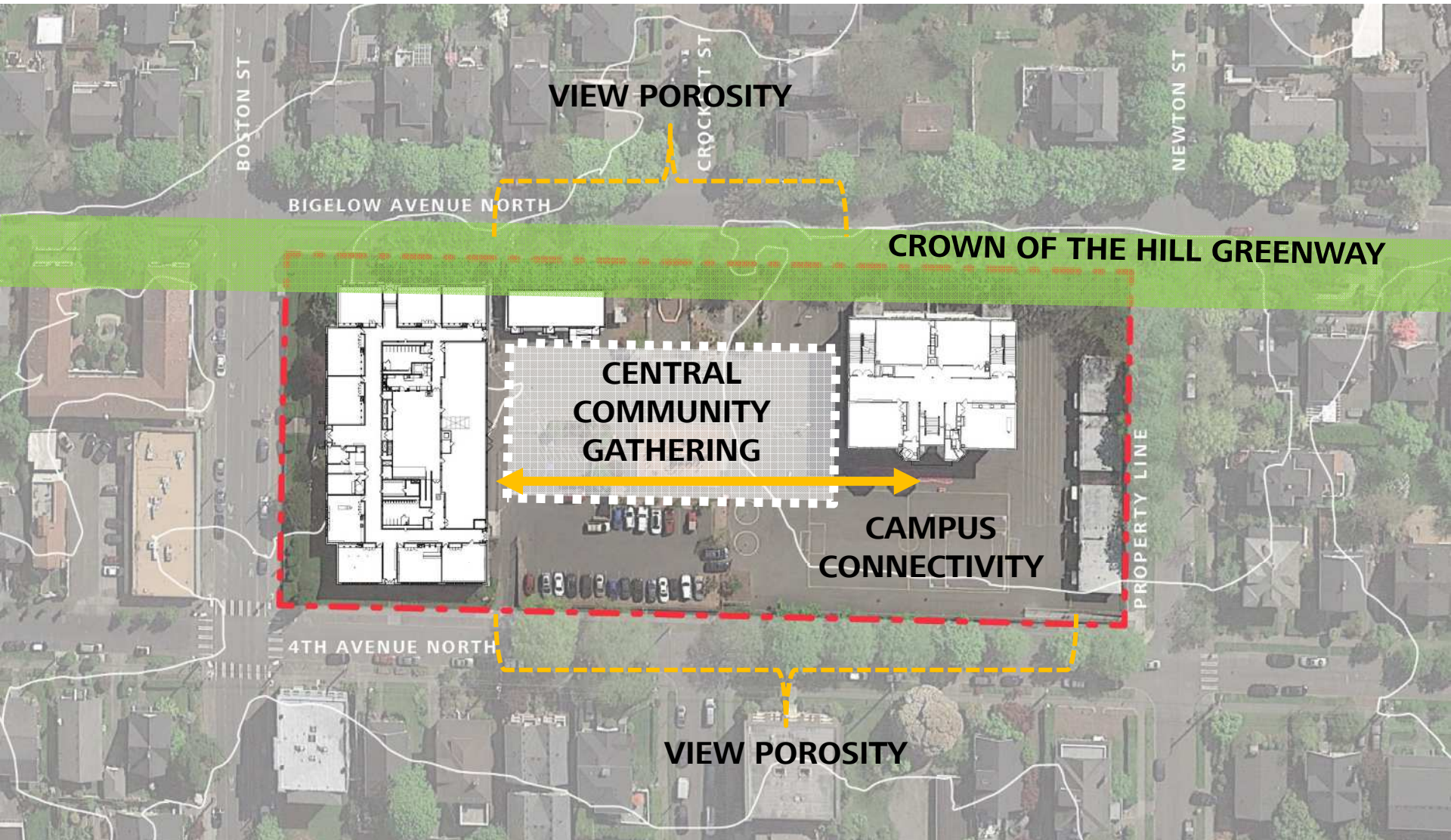


Crown of the Hill Greenway

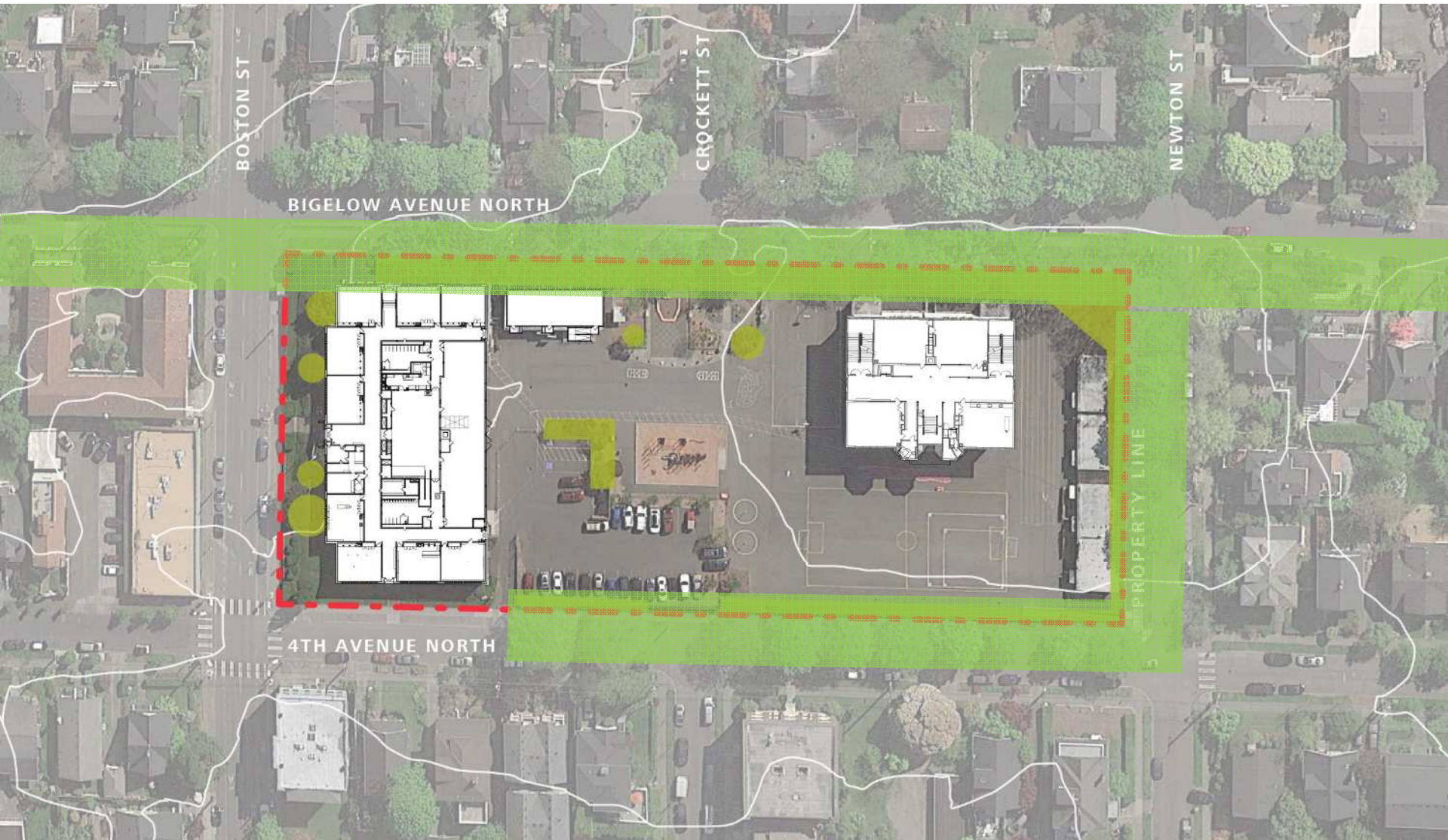
In 1906, the local community club approached the Parks Board to propose a scenic route ringing the hill. The transfer to the Park Department occurred in 1911; work finally began, and was completed in 1916:

Maples, sycamores, oaks, elms, cottonwoods, chestnuts and other trees were planted along the route. In 1942 the roads (but not the landscaping) were transferred from Parks to the City Engineer's office. Parks and Engineering continue each to have responsibilities relative to the boulevard. Nonetheless, the boulevard continues to be recognized as a vital part of the Queen Anne neighborhood, **"The Crown of Queen Anne", is an "urban trail that offers shade in the summer, beautiful autumn color in the fall, and an open and sunny landscaped path in the winter."**

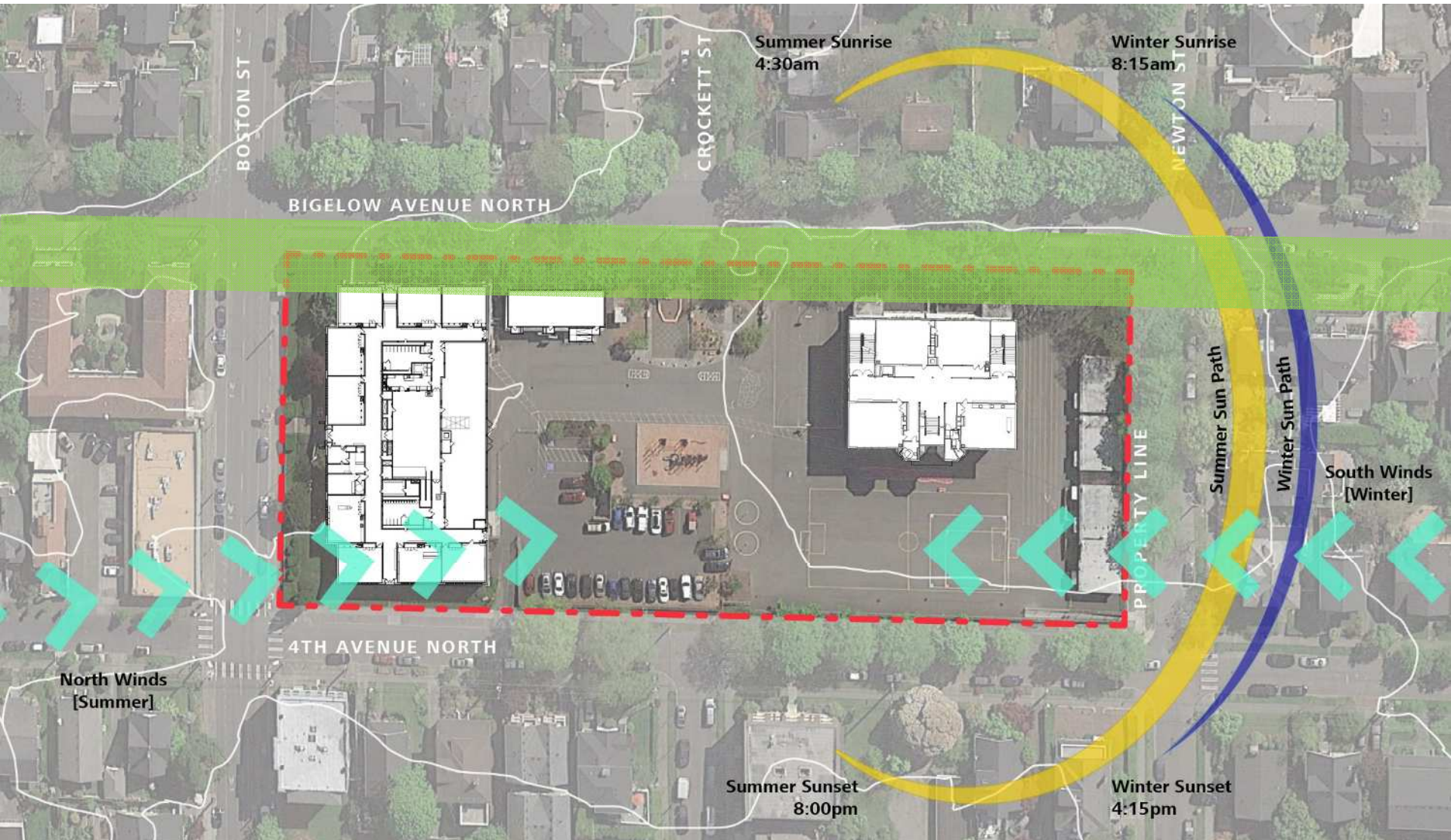
Site Values



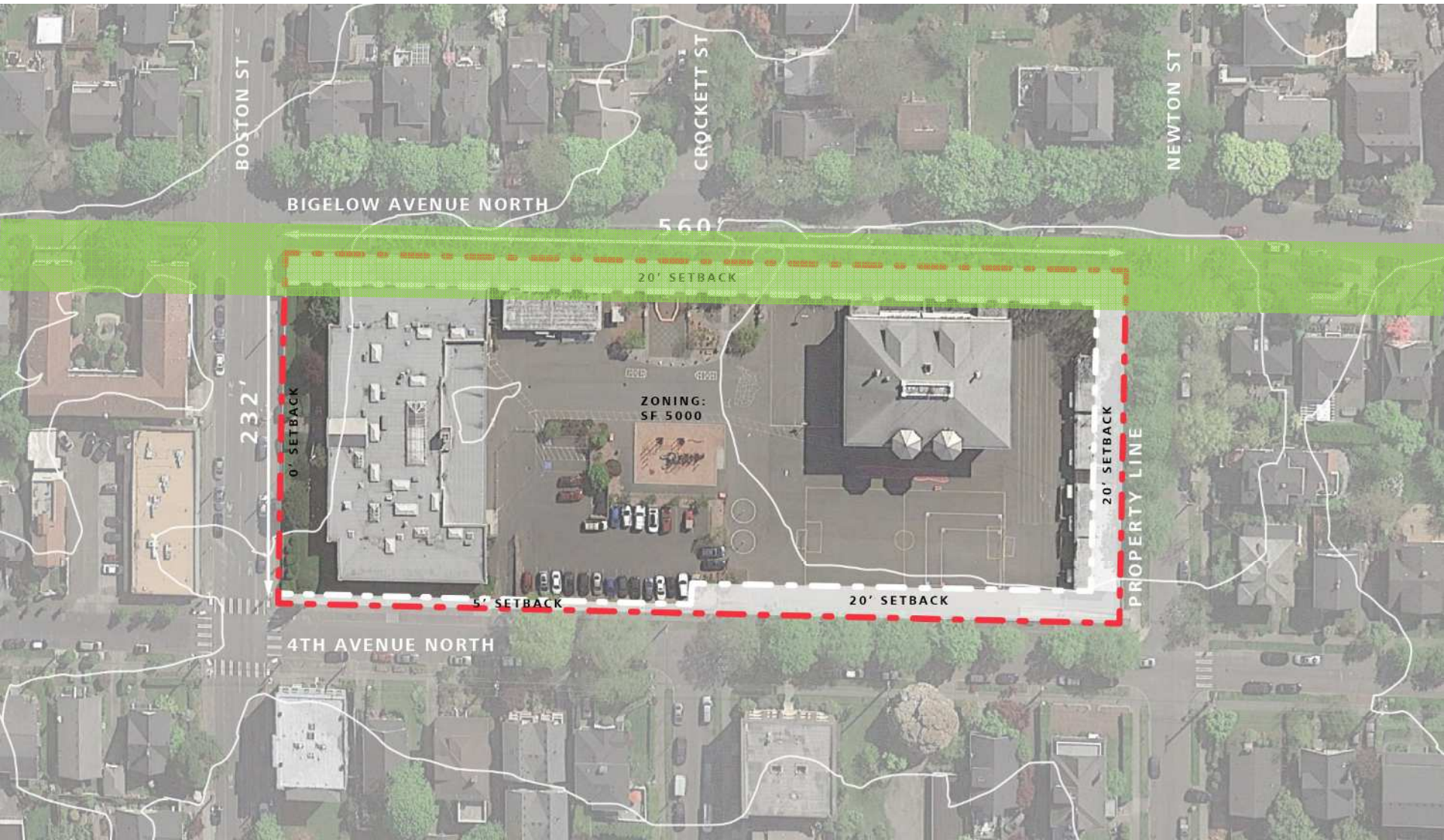
Tree Coverage



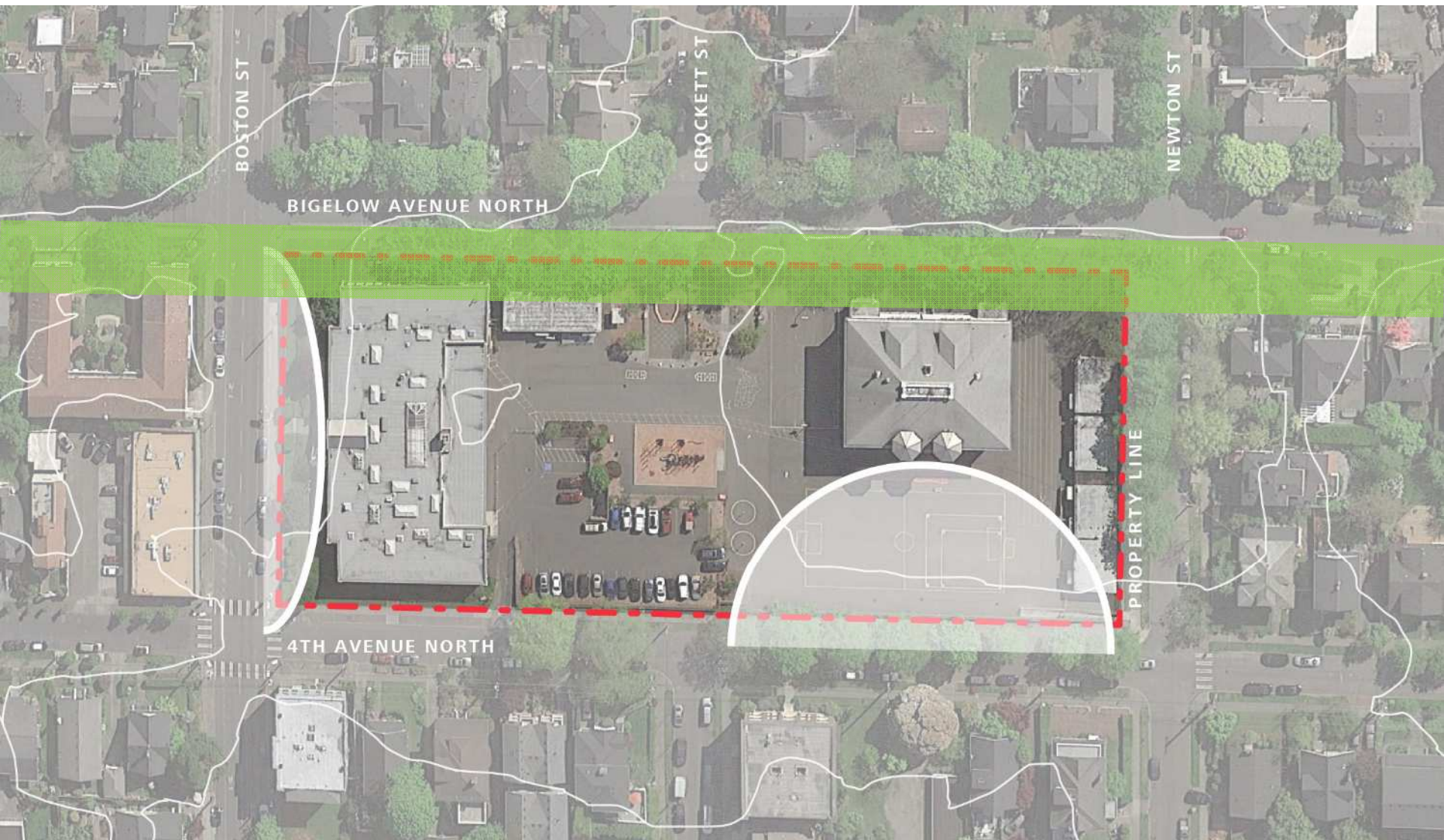
Solar and Wind Analysis



Setbacks



View Corridors

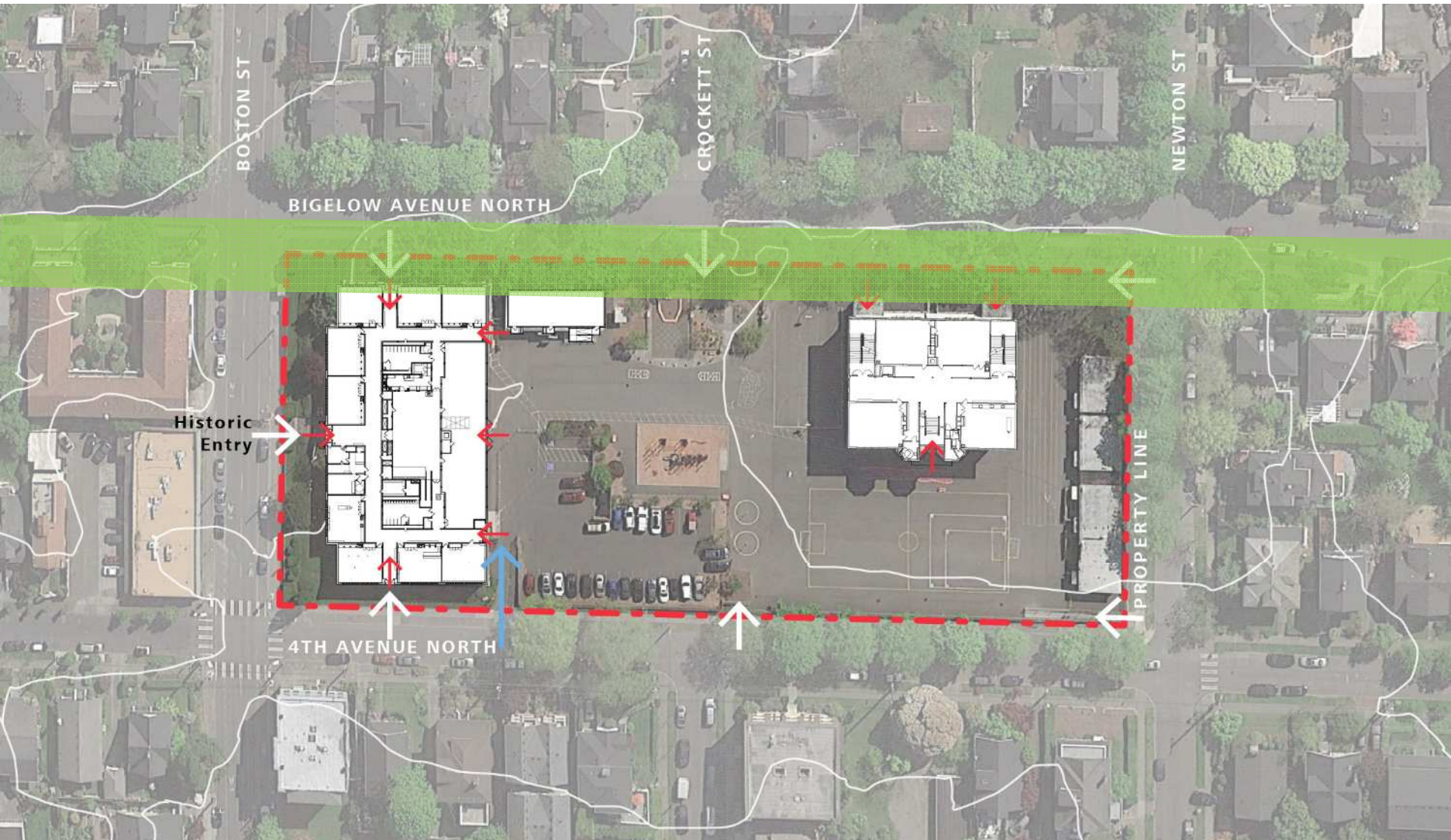


Historic Entrance Views

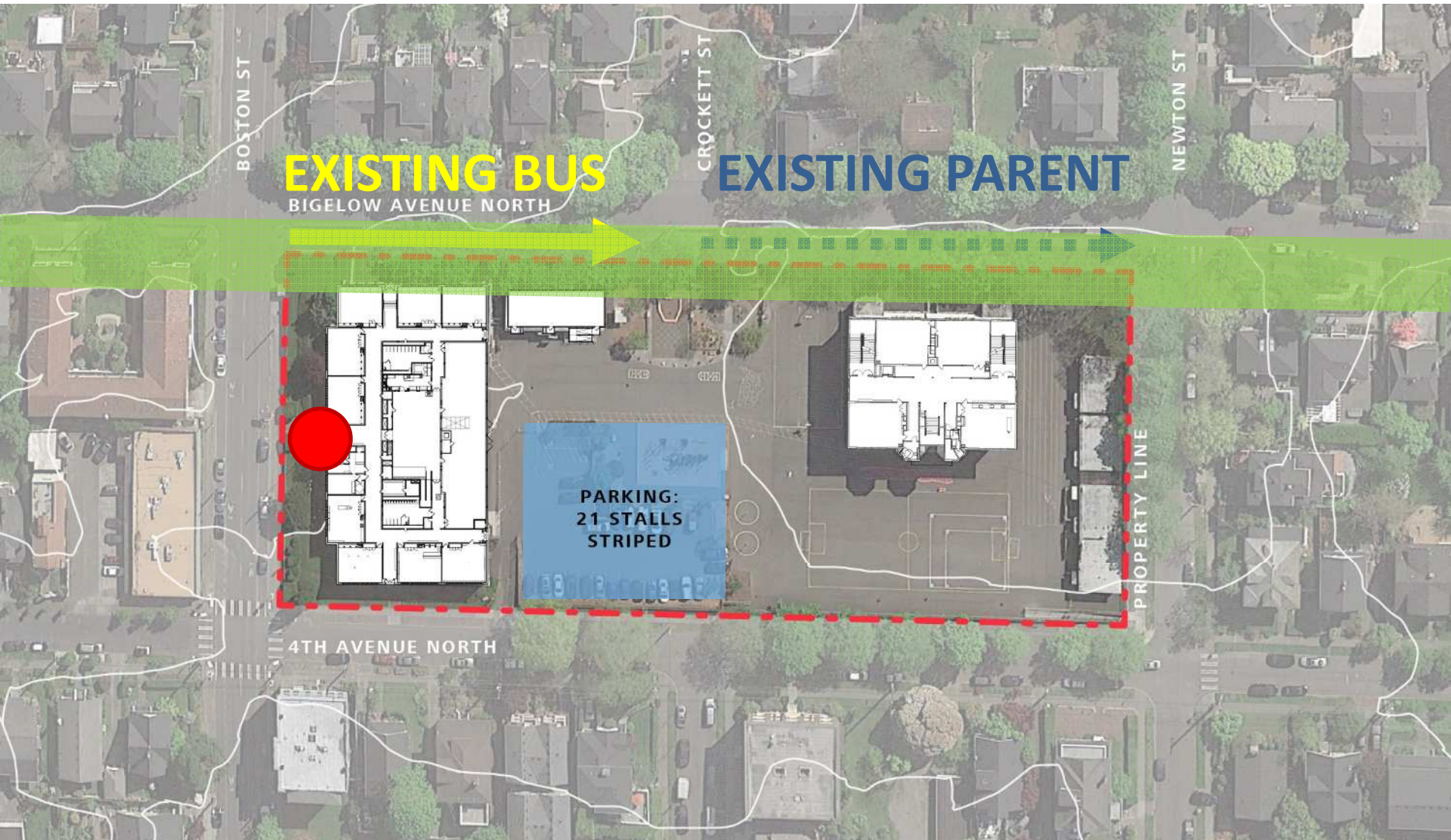
City Bus Stops



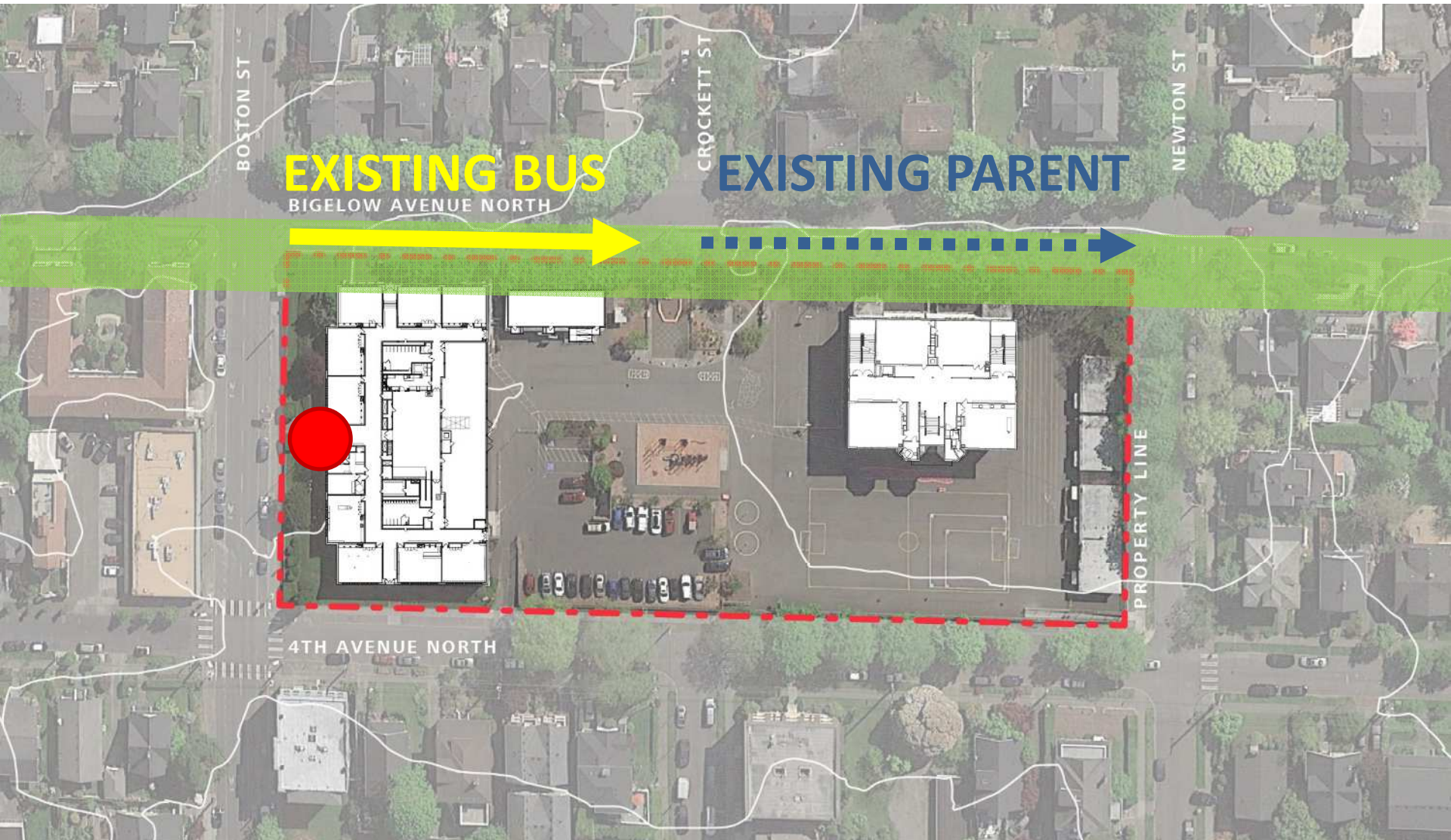
Pedestrian Site Access



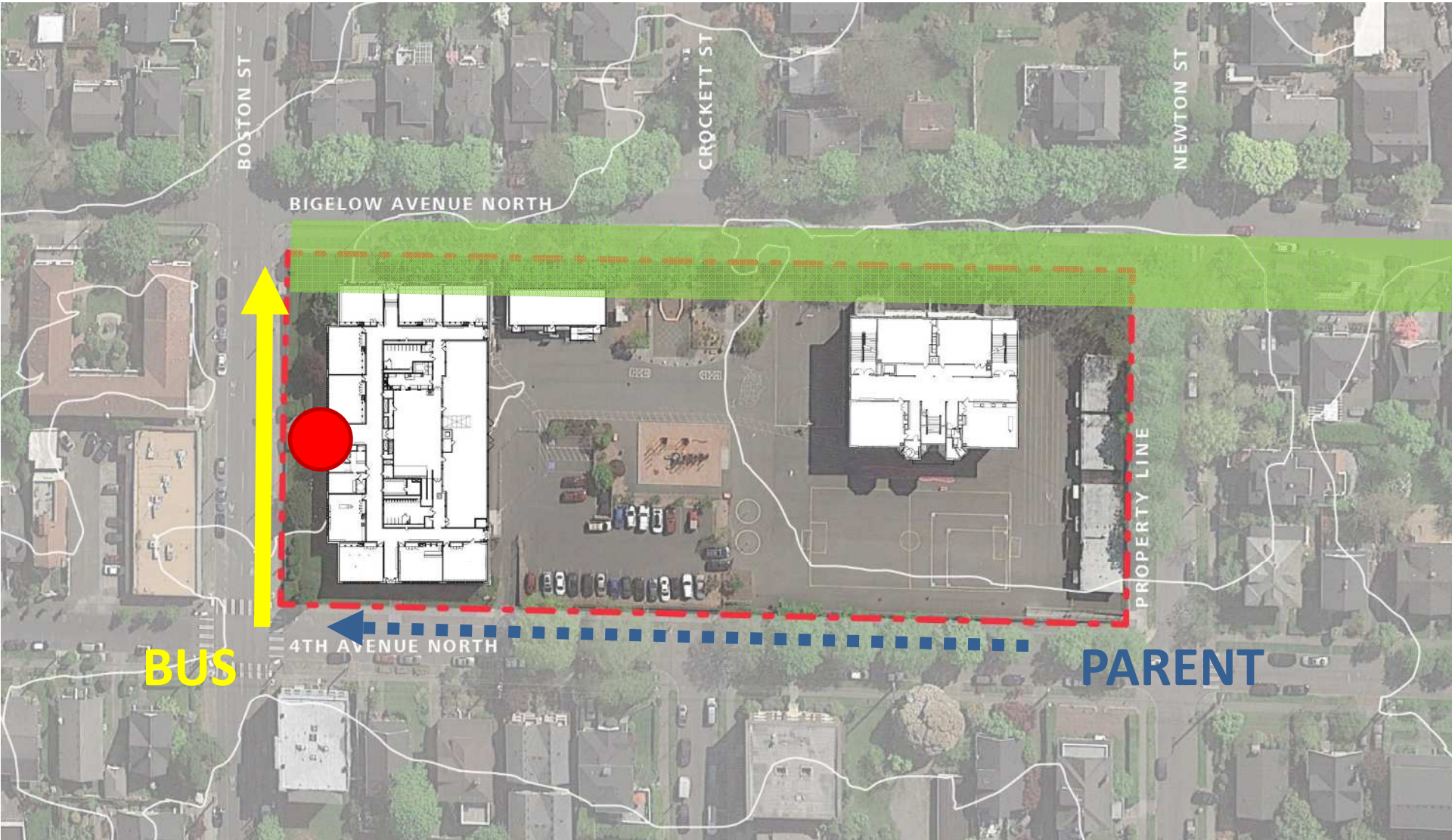
Vehicular Site Access



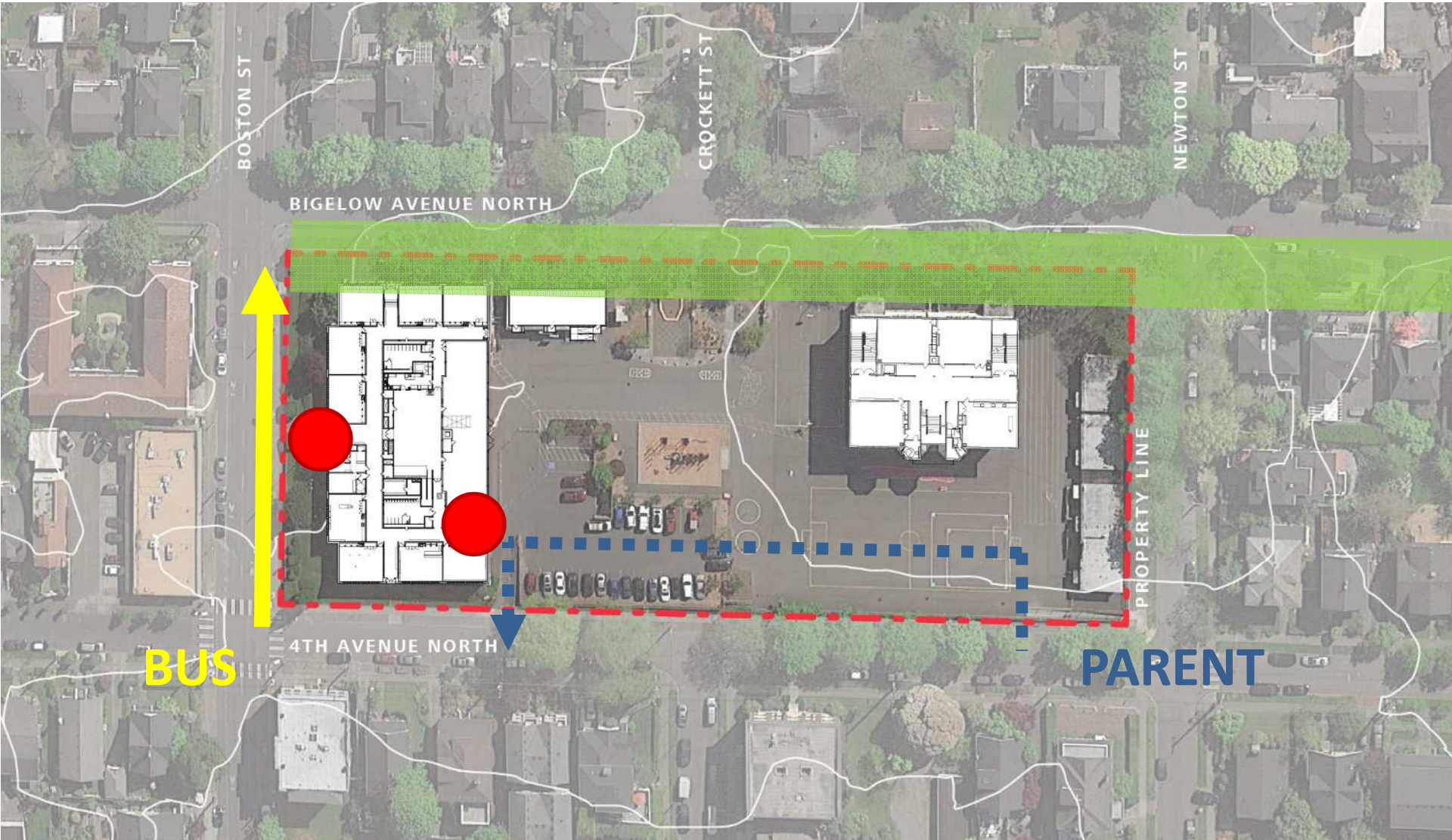
Vehicular Site Access



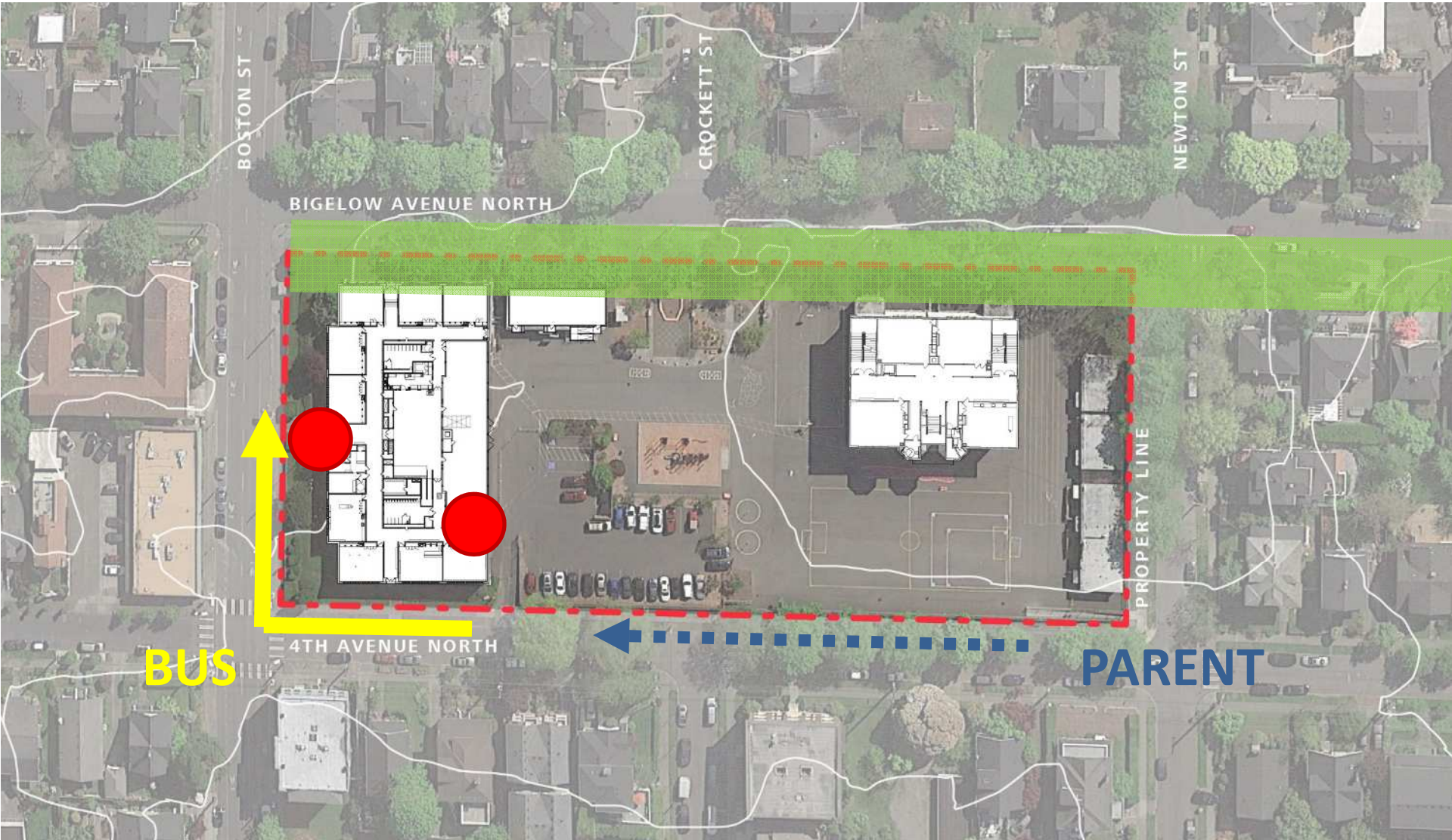
Vehicular Site Access :: On Street A



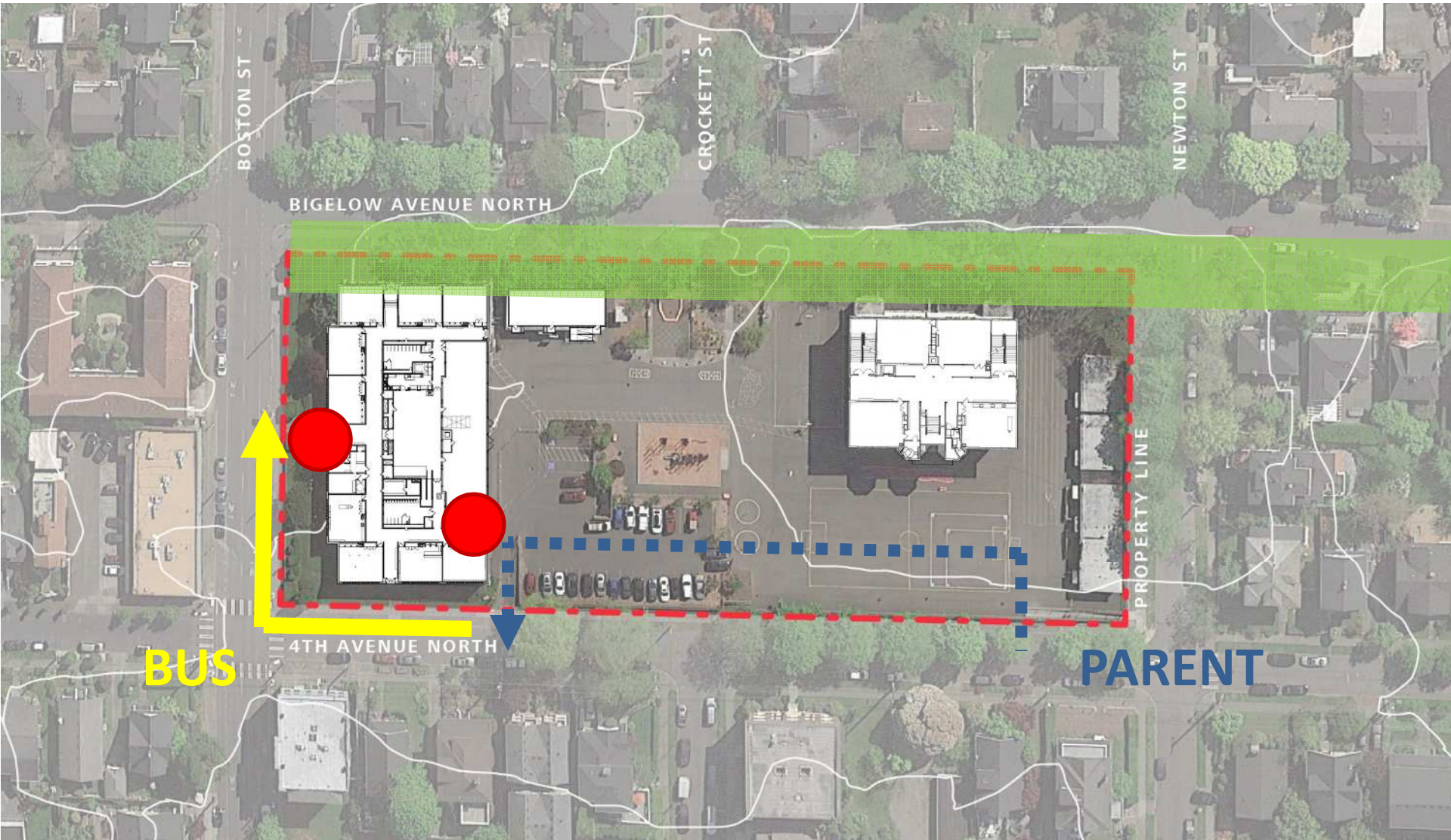
Vehicular Site Access :: On Site A



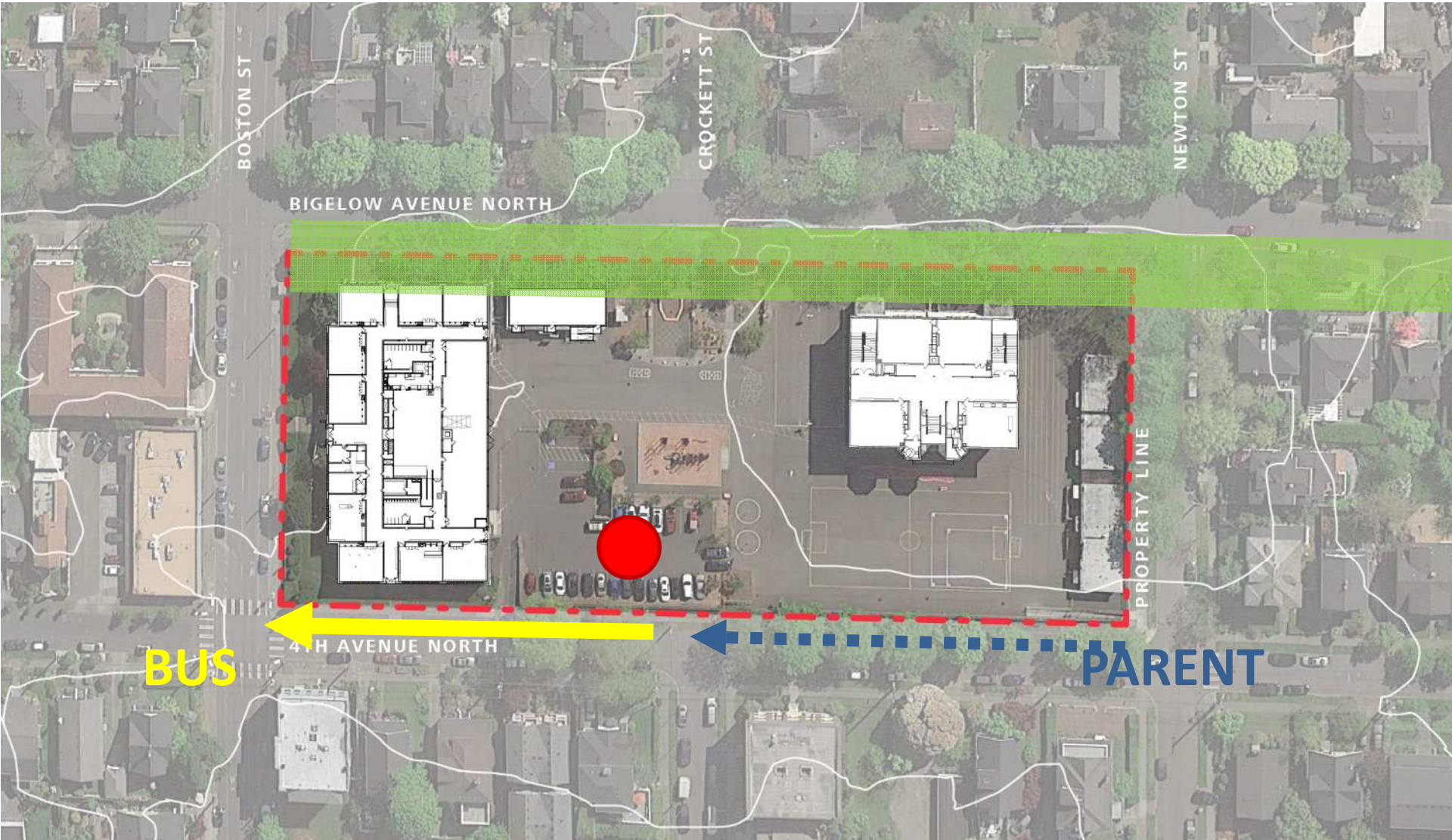
Vehicular Site Access :: On Street B



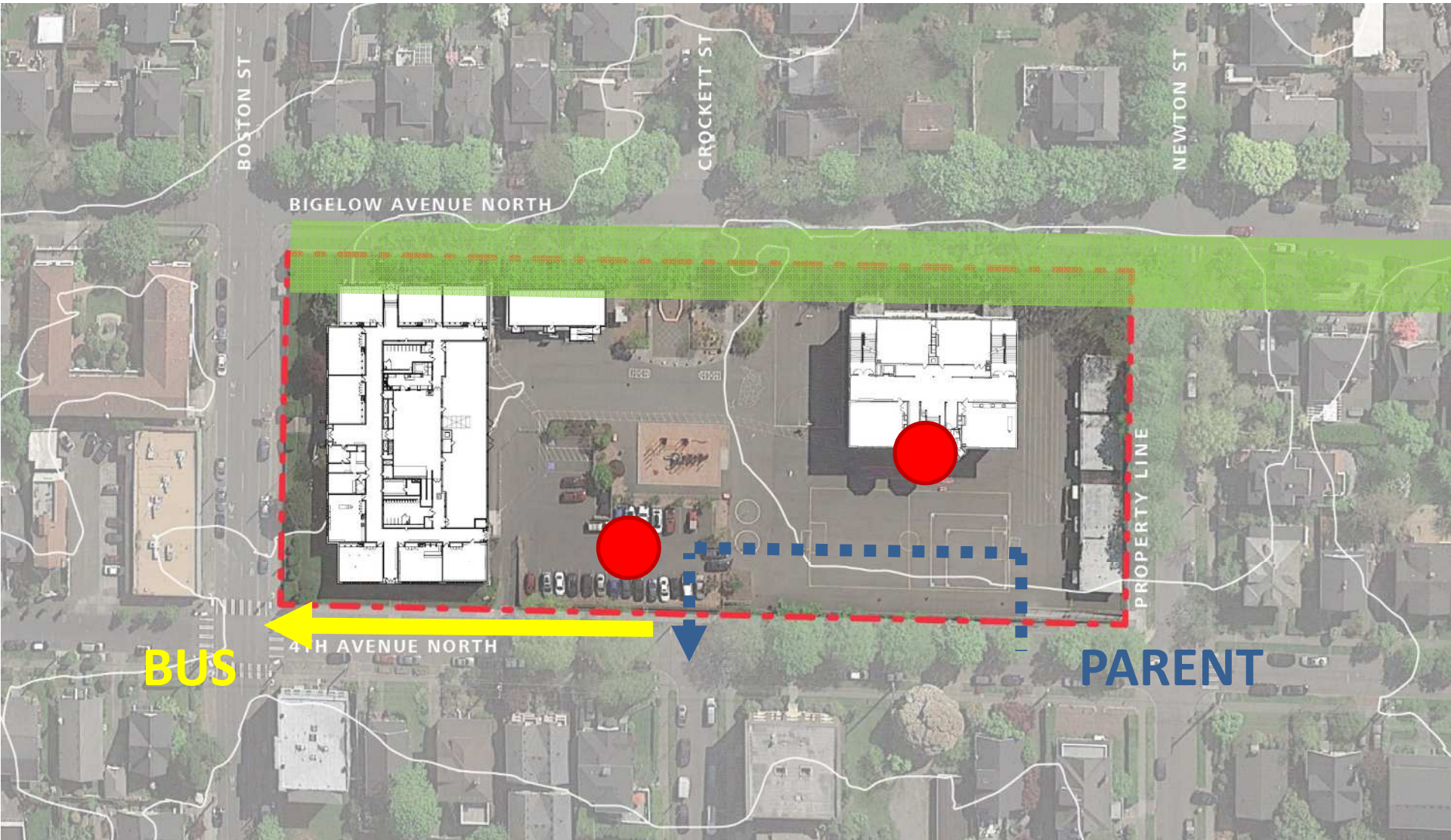
Vehicular Site Access :: On Site B



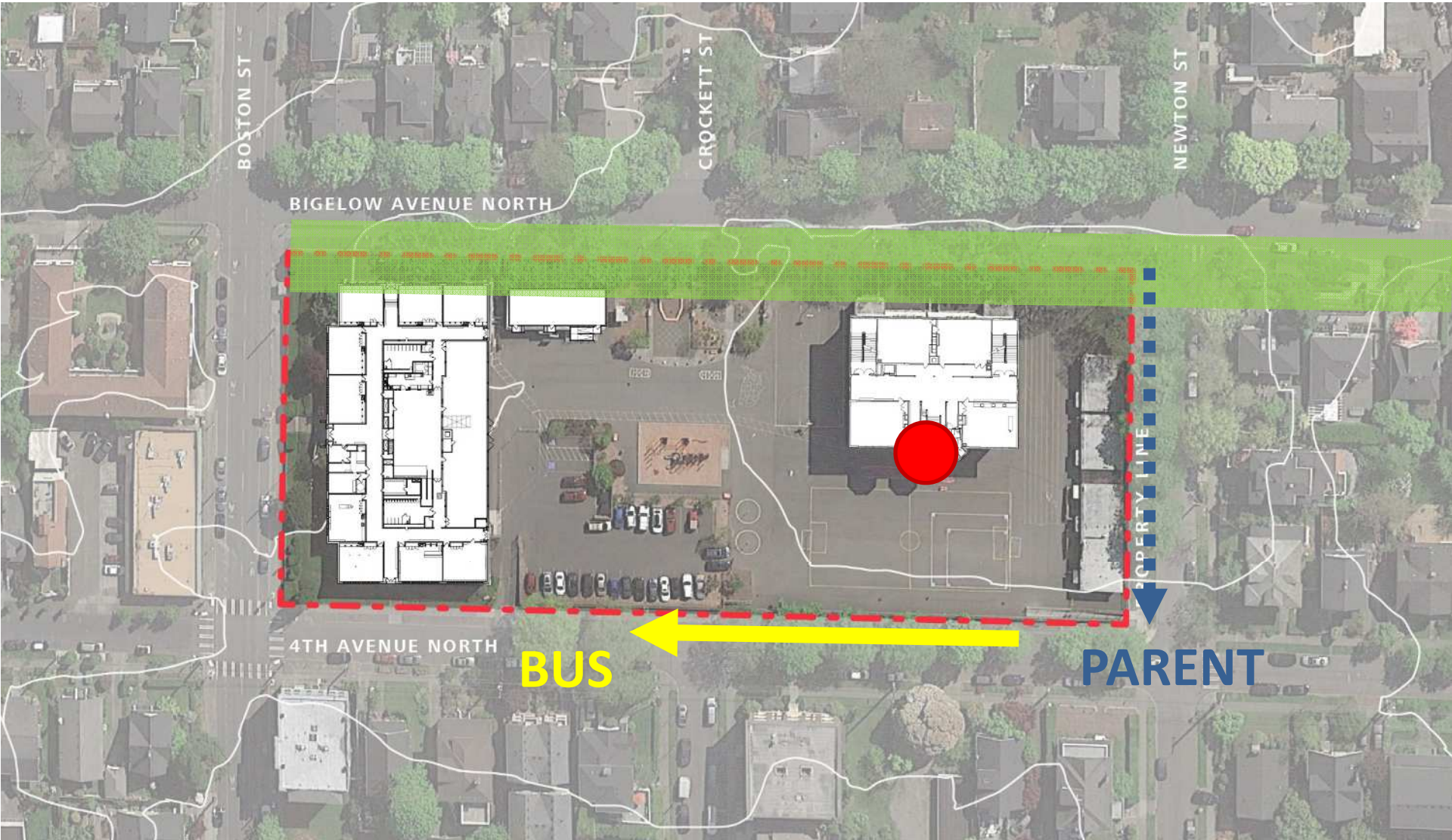
Vehicular Site Access :: On Street C



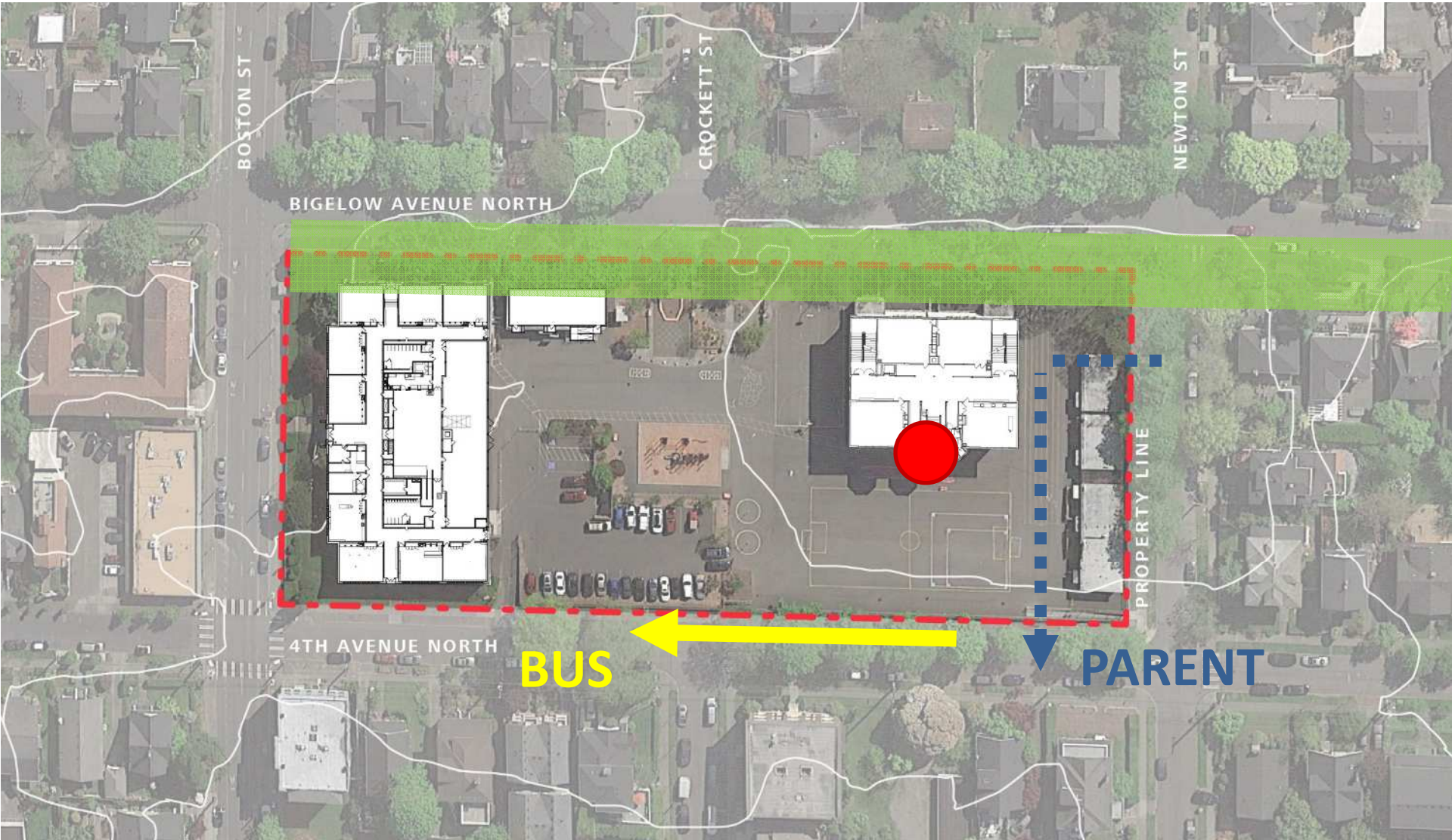
Vehicular Site Access :: On Site C



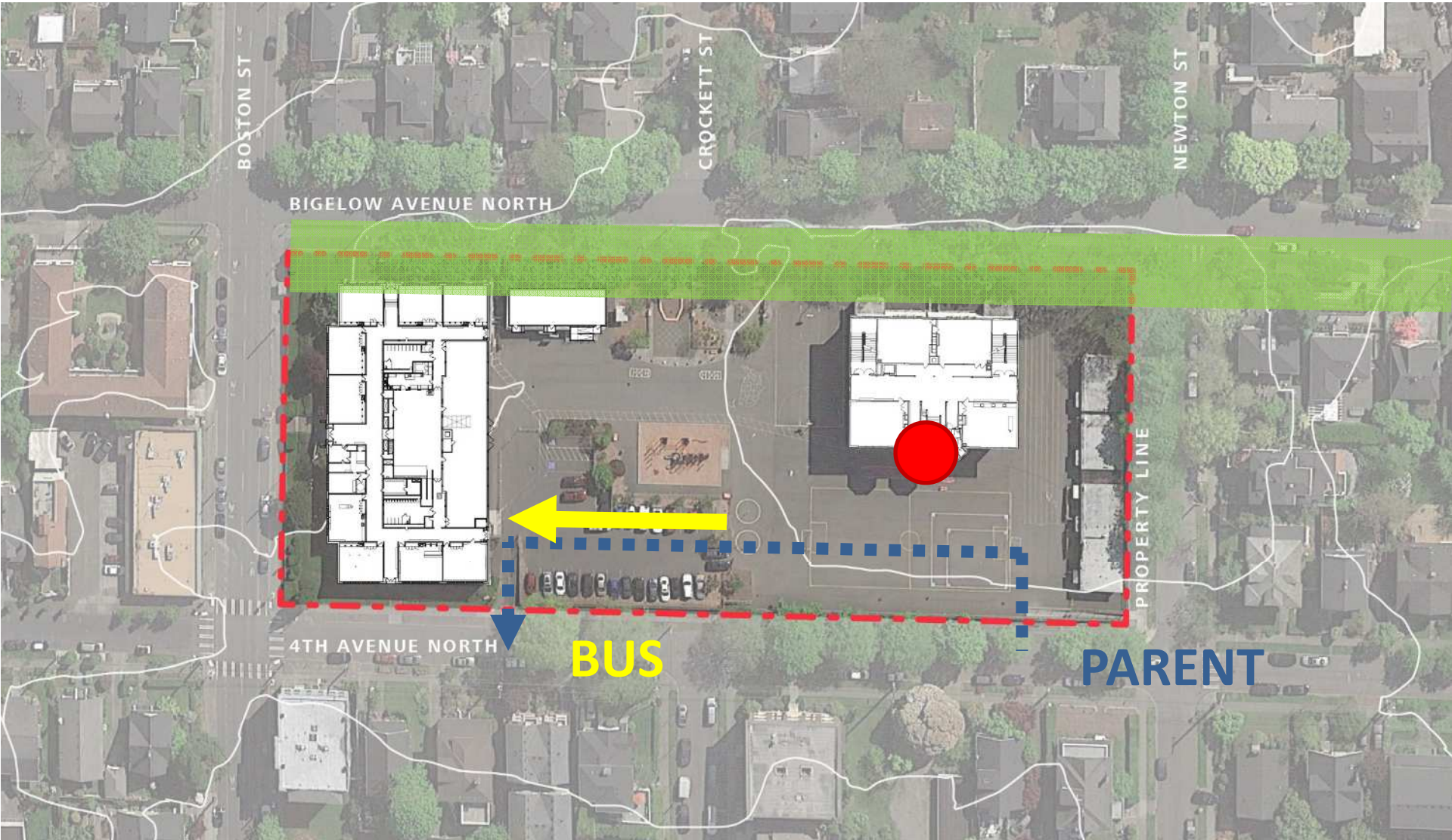
Vehicular Site Access :: On Street D



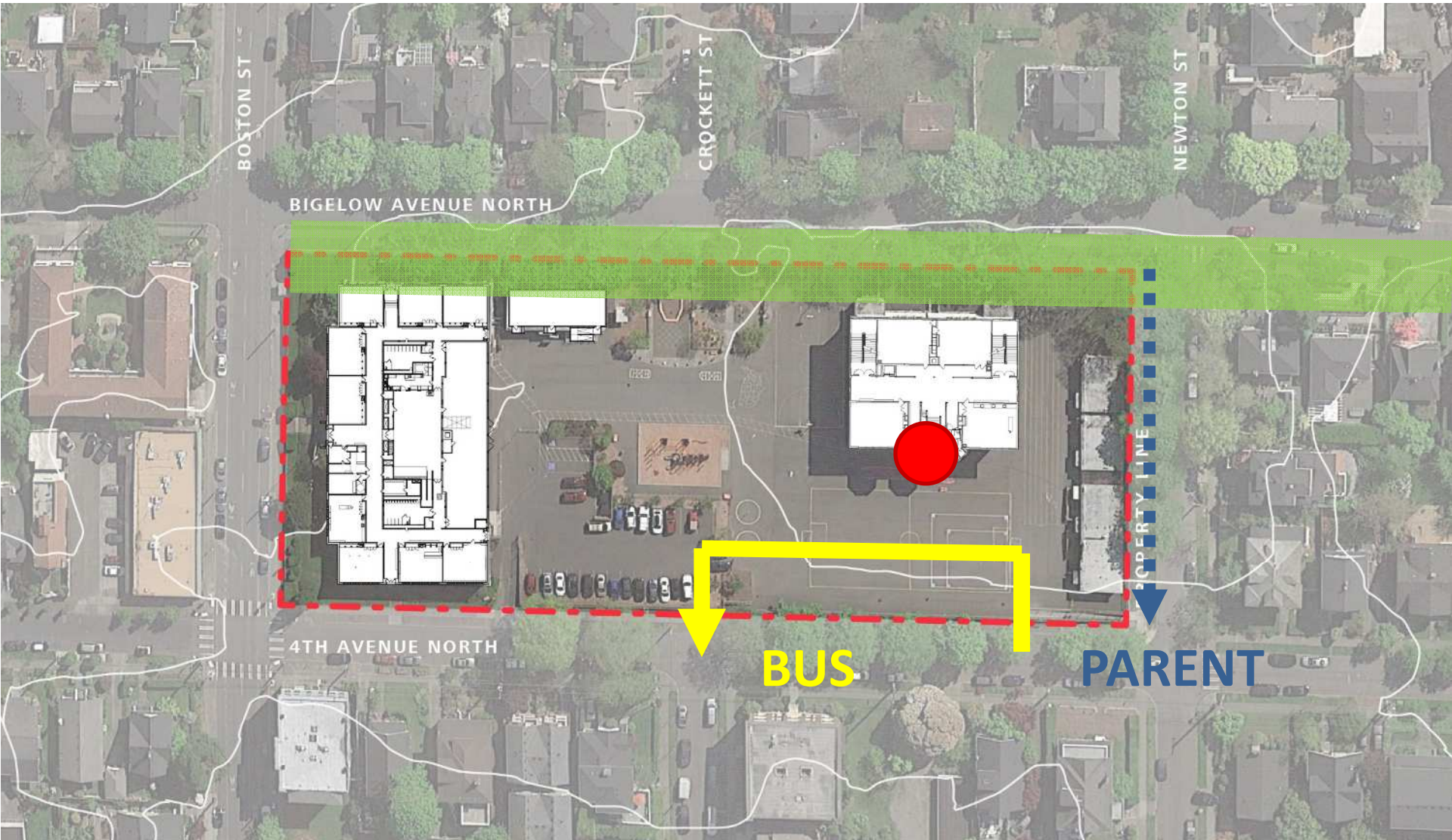
Vehicular Site Access :: On Site D



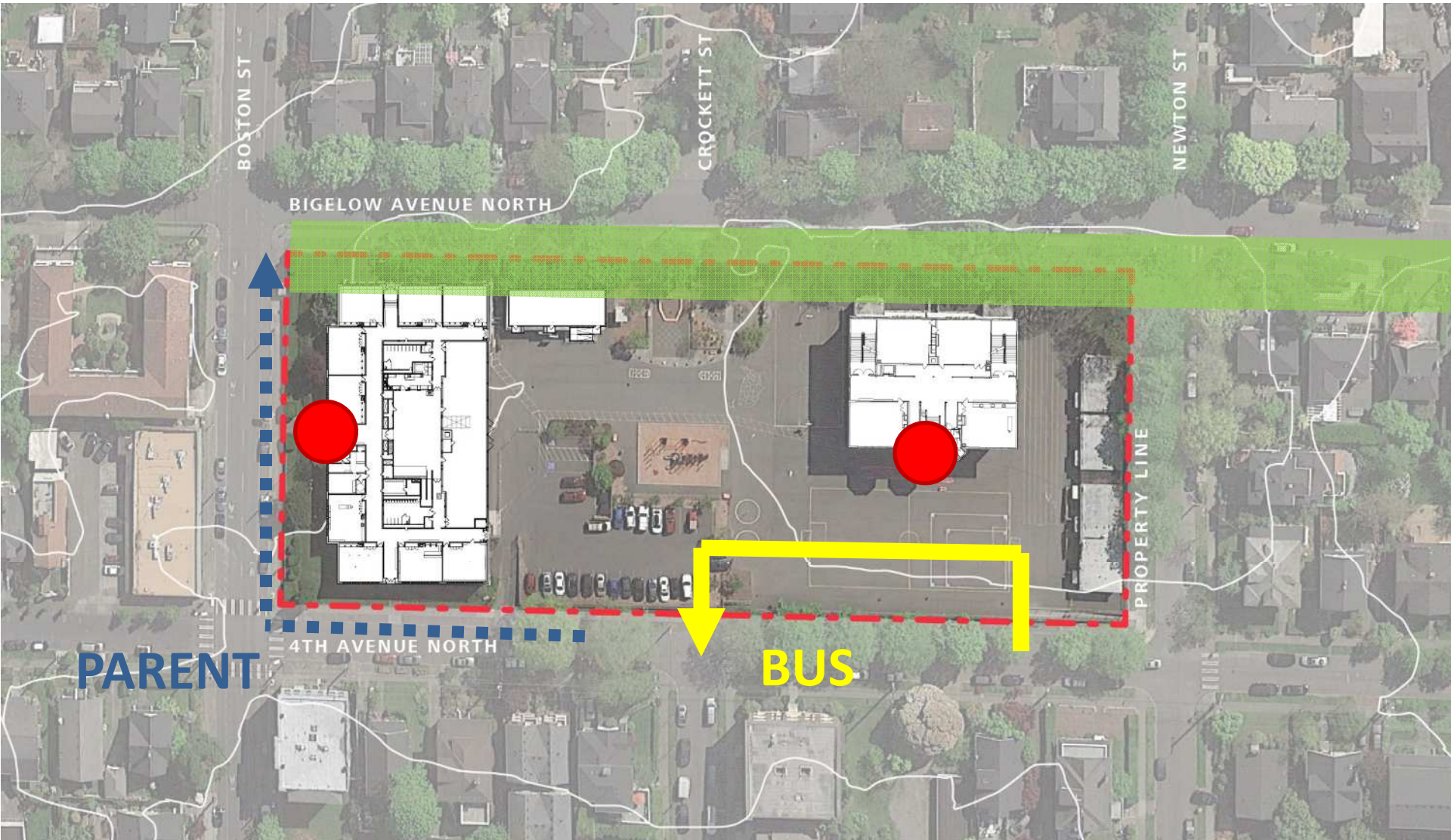
Vehicular Site Access :: On Site E



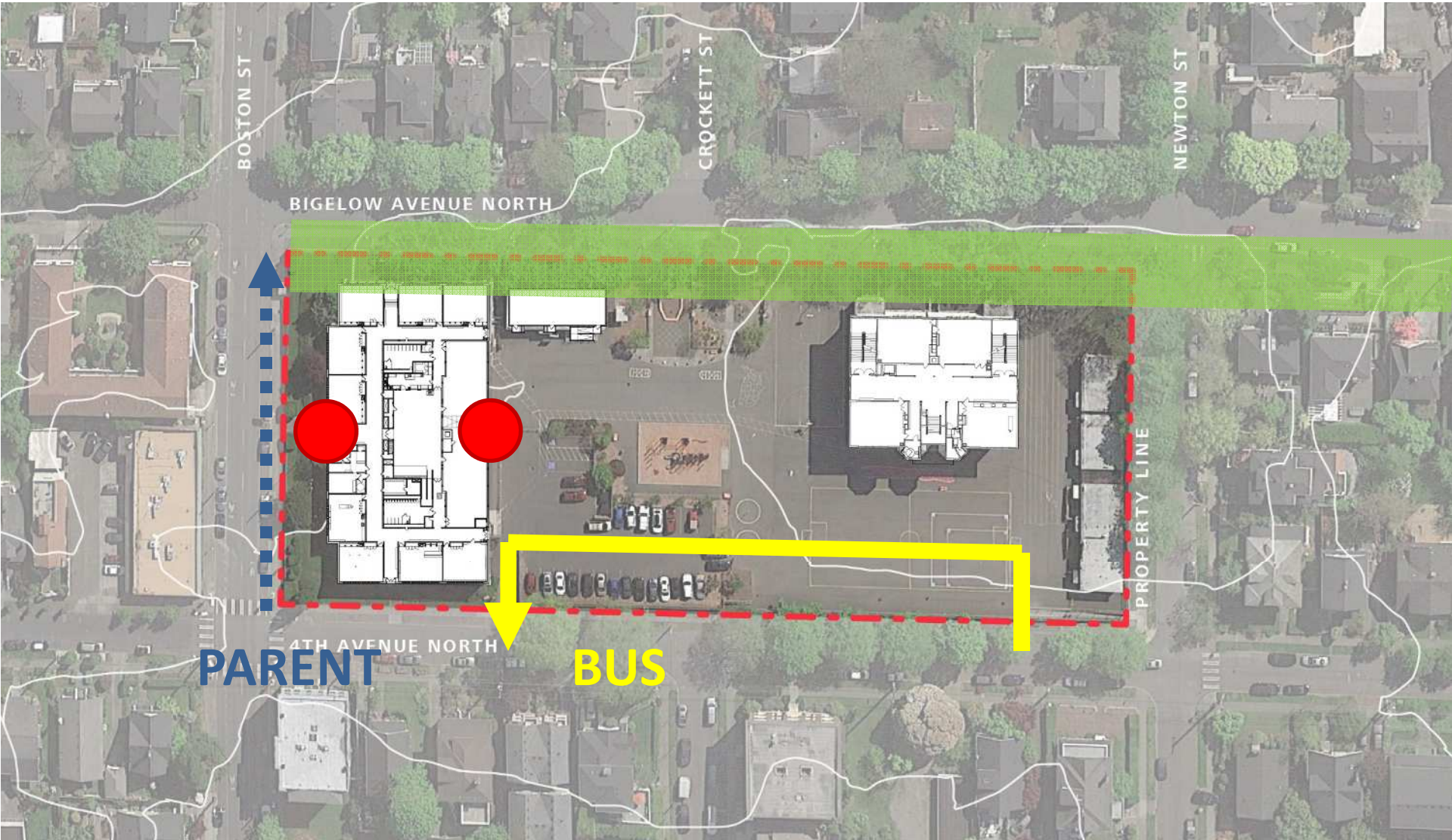
Vehicular Site Access :: On Site F



Vehicular Site Access :: On Site G



Vehicular Site Access :: On Site H



Mission Statement



Master Plan Mission Statement

The new QAE encourages children's love of learning and social emotional development. It will place our most treasured group spaces - gym, dining, and library - at the heart of our campus, and encourage exploration, sharing and learning everywhere, inside and out, to maximize all students' potential.

Creating a space where all students have a sense of belonging and where learning and collaboration happen everywhere.

Come see the future of 21st century learning! This campus will "wow" you with all of the creative spaces for digital citizenry, project-based and S/E learning. From the soft outdoor play spaces to the hands-on, adaptable classrooms; all students feel they belong here. We invite you to gather with us, learn with us and play with us!

Functional Programming :: Small Group and Learning Commons



The Power to Collaborate

“People converse and collaborate almost naturally when there is flexibility and comfort”



Qualities of Collaborative Environments

Spacious: easy to move to and through

Flexible for fits of inspiration

Transparent: everyone can see each other

Comfortable: Spaces people want to be in, and gravitate towards

Mixed: balance programmed and un-programmed spaces in close proximity

Connected: learn from each other



Principles of Collaborative Learning

Group discussions

Interactive activities

Students learn by doing

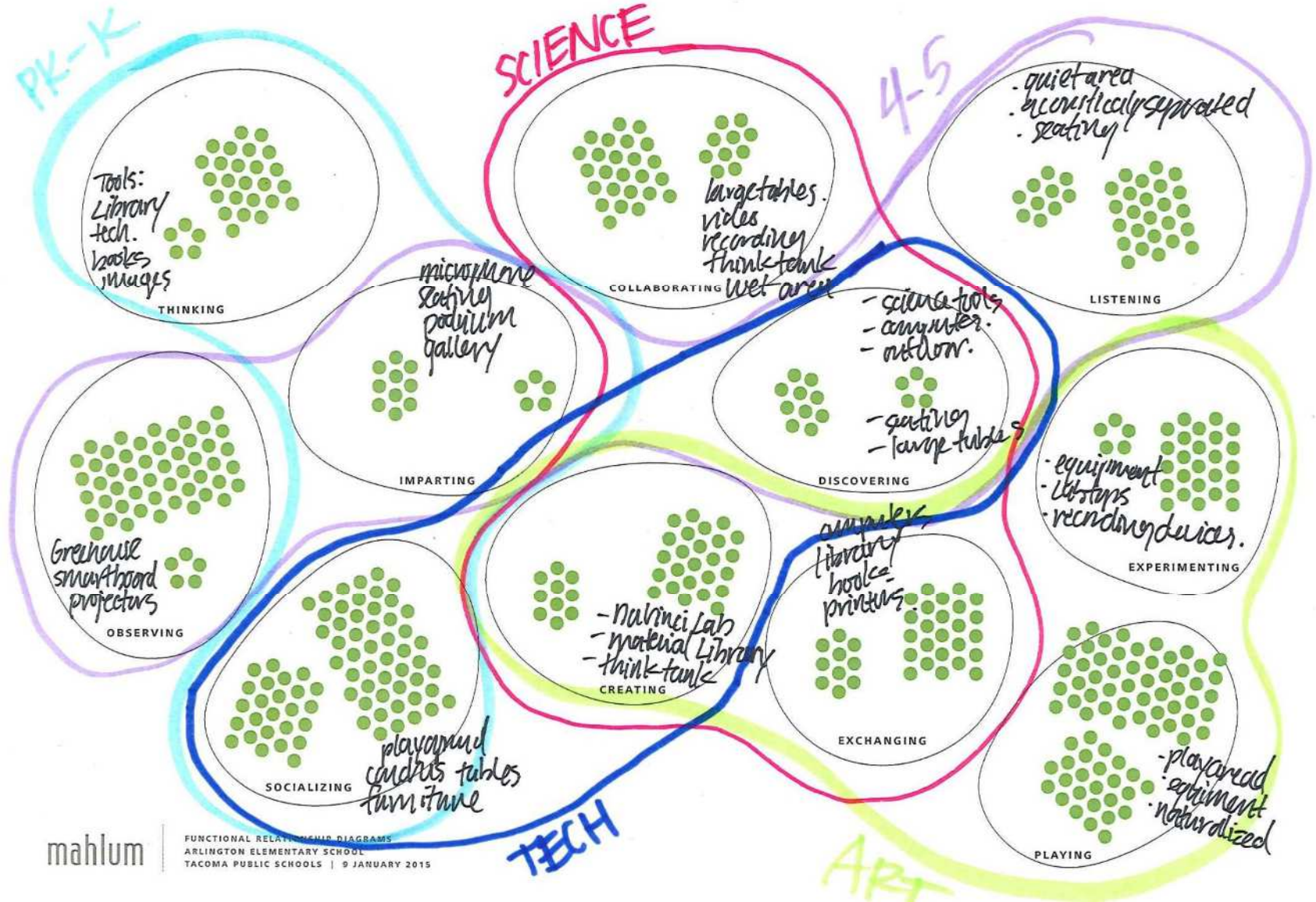
Students and staff have more one on one interaction

Teachers facilitate group conversations

Real world problem inquiry

Distance learning

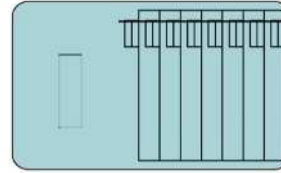
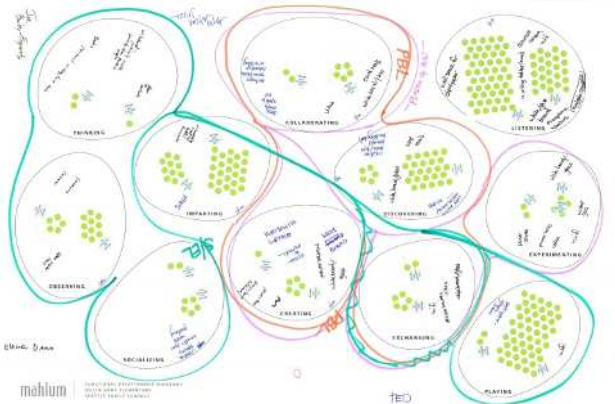
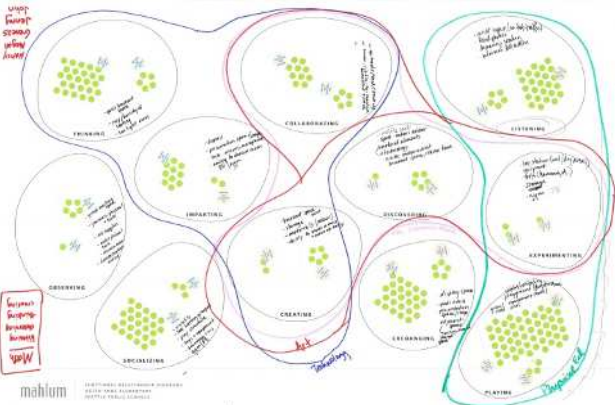
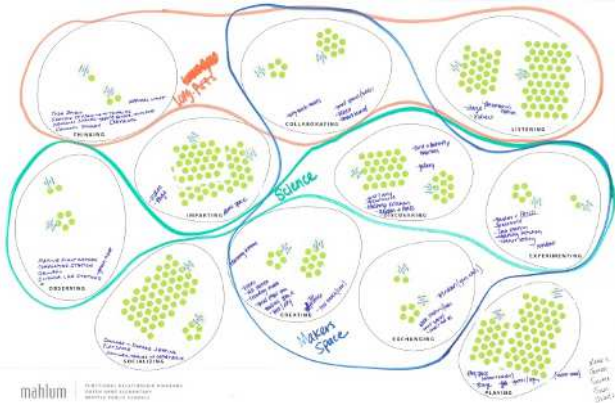
Functional Programming Exercise



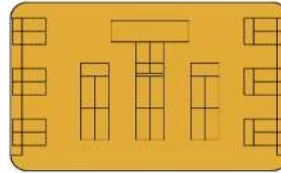
mahlum

FUNCTIONAL RELATIONSHIP DIAGRAMS
ARLINGTON ELEMENTARY SCHOOL
TACOMA PUBLIC SCHOOLS | 9 JANUARY 2015

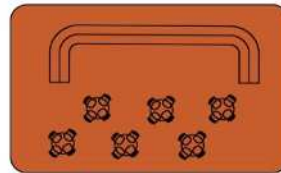
Functional Spaces



Core Learning/Large Group
Forum/Lecture
25-50 Students



Core Learning/Large Group
Workshop/Create
25-50 Students



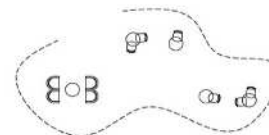
Core Learning/Large Group
Community/Gather
25-50 Students



Large Flex
10-15 Students



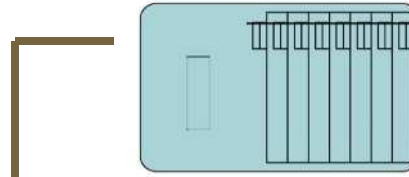
Small Group
4-6 Students



Individual/Pair Study
1-2 Students

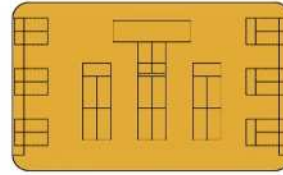
Large Group

11%



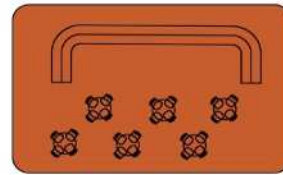
Core Learning/Large Group

Forum/Lecture
25-50 Students



Core Learning/Large Group

Workshop/Create
25-50 Students



Core Learning/Large Group

Community/Gather
25-50 Students



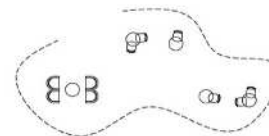
Large Flex

10-15 Students



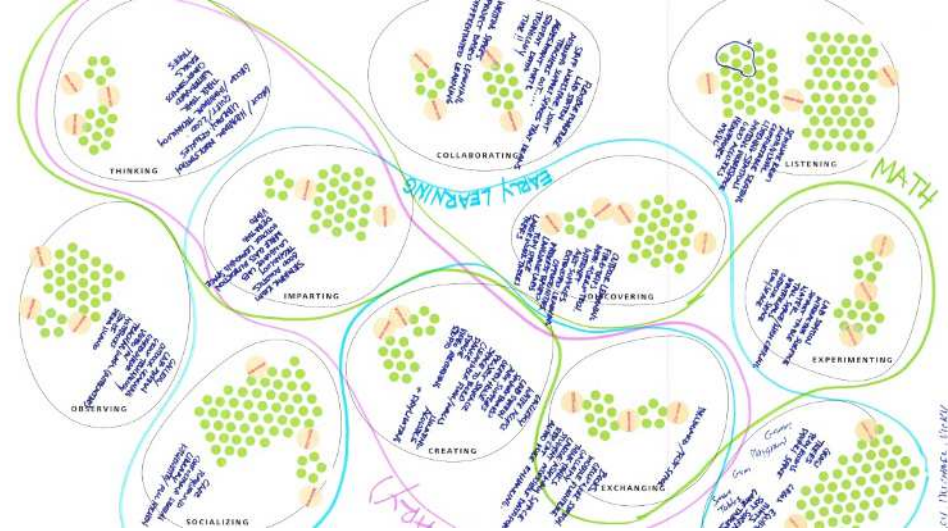
Small Group

4-6 Students



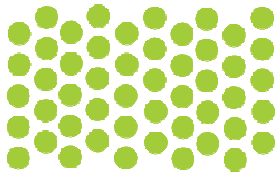
Individual/Pair Study

1-2 Students



Functional Programming Exercise

Large Group (7)



Learning Activities

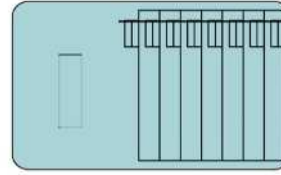
- :: Playing
- :: Listening
- :: Socializing
- :: Imparting

Tools

- :: Stage
- :: Playspace (indoor and outdoor)
- :: Presentation Station
- :: Video/Microphone/ Speakers
- :: Shared Seating
- :: Games
- :: Green Areas
- :: Acoustic Treatment

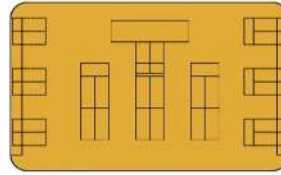
Core Learning

17%



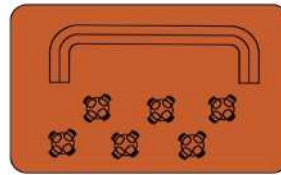
Core Learning/Large Group

Forum/Lecture
25-50 Students



Core Learning/Large Group

Workshop/Create
25-50 Students



Core Learning/Large Group

Community/Gather
25-50 Students



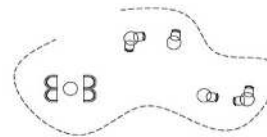
Large Flex

10-15 Students



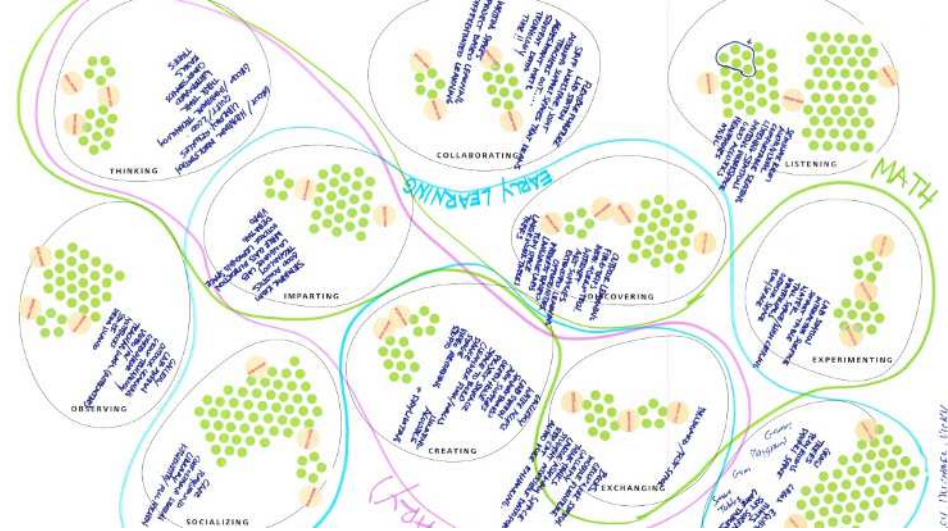
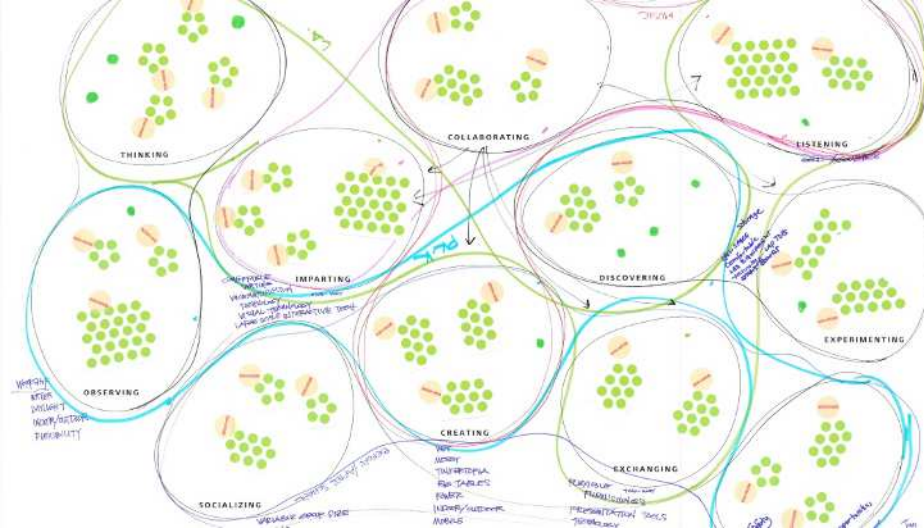
Small Group

4-6 Students



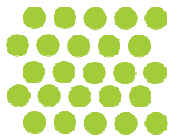
Individual/Pair Study

1-2 Students



Functional Programming Exercise

Core Learning (11)



Learning Activities

- :: Listening
- :: Discovering
- :: Imparting
- :: Exchanging
- :: Imparting
- :: Thinking
- :: Playing

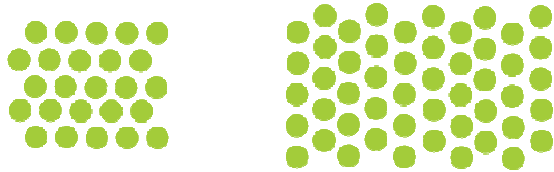
Tools

- :: Demo Space
- :: No foot traffic
- :: Dynamic Seating
- :: Display Space
- :: Writing Tables/Glass Walls
- :: Water Access
- :: Outside Access
- :: Video
- :: Low-Light Capable
- :: Stage

Functional Space

Forum/Lecture

:: 25-50 students

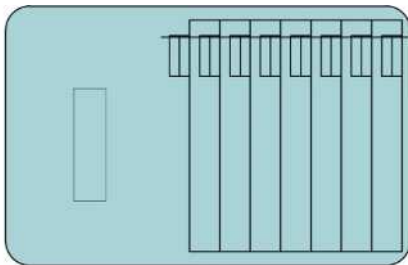


:: 1600 square feet

:: Team teaching/guest lecture

:: Tiered, fixed seating

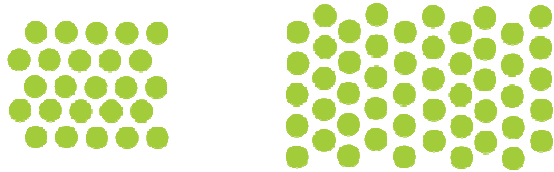
:: Large format presentation



Functional Space

Workshop/Create

:: 25-50 students



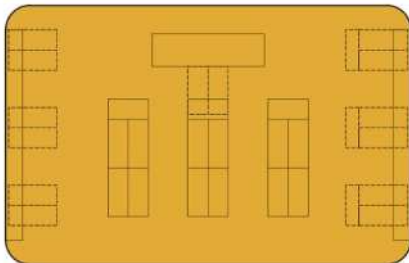
:: 1400-1600 square feet

:: Student stations/tables

:: Group technology/flexible power

:: Mobile workstations

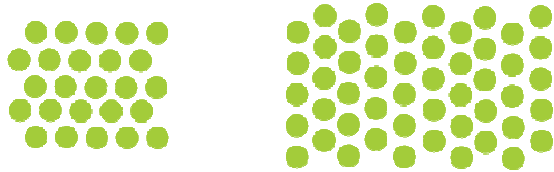
:: Shared supplies/materials



Functional Space

Community/Gather

:: 25-50 students



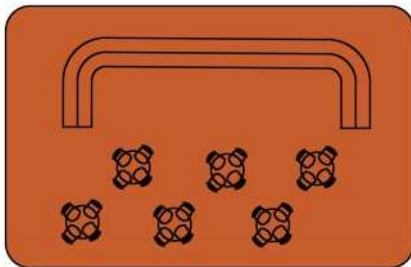
:: 1600 square feet

:: Some Fixed Tiers

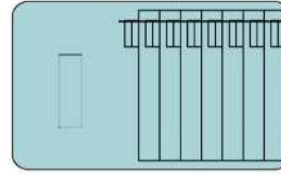
:: Large Format Presentation

:: Mobile workstations

:: Shared supplies/materials

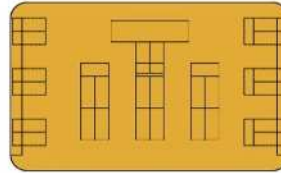


Large Flex



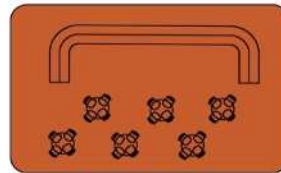
Core Learning/Large Group

Forum/Lecture
25-50 Students



Core Learning/Large Group

Workshop/Create
25-50 Students



Core Learning/Large Group

Community/Gather
25-50 Students



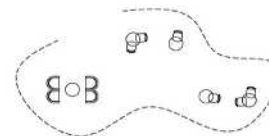
Large Flex

10-15 Students



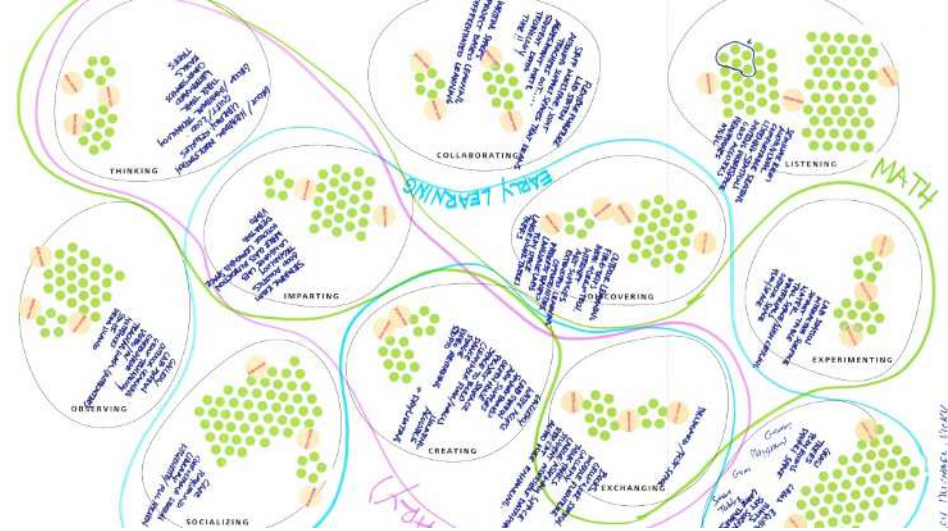
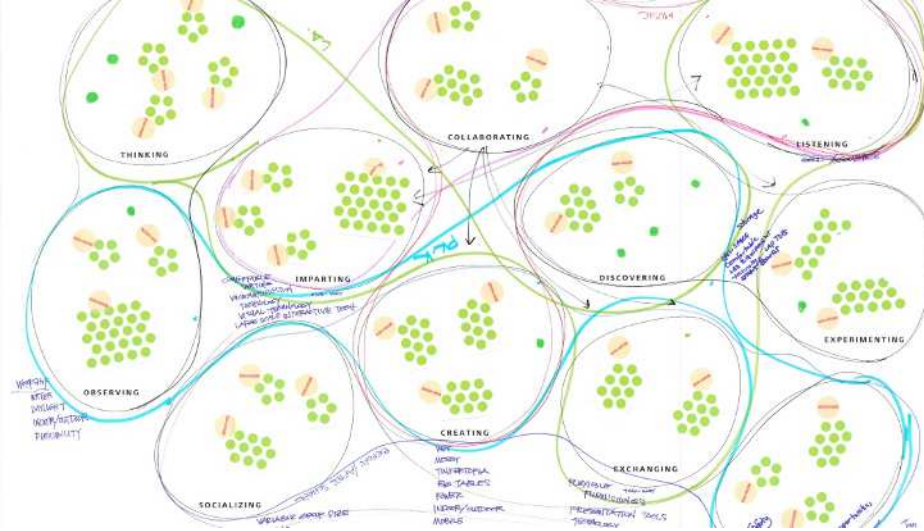
Small Group

4-6 Students



Individual/Pair Study

1-2 Students



Functional Programming Exercise

Large Flex (7)



Learning Activities

- :: Imparting
- :: Collaborating
- :: Creating
- :: Discovering
- :: Observing

Tools

- :: Display
- :: Stage
- :: Visibility
- :: Cameras
- :: Varied Table Sizes
- :: Natural Habitats
- :: Teaching Kitchen
- :: Maker Space
- :: Tool Bench
- :: Tech
- :: Wet/Dry

Functional Space

Large Flex

:: 10-15 students



:: 600-800 square feet

:: Group Technology

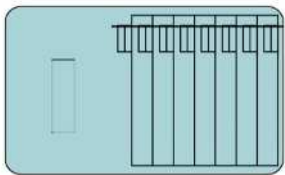
:: Demonstration area

:: Teaching Wall

:: Acoustically Open



Small Group



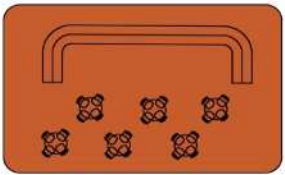
Core Learning/Large Group

Forum/Lecture
25-50 Students



Core Learning/Large Group

Workshop/Create
25-50 Students



Core Learning/Large Group

Community/Gather
25-50 Students



Large Flex

10-15 Students

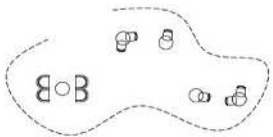
30%

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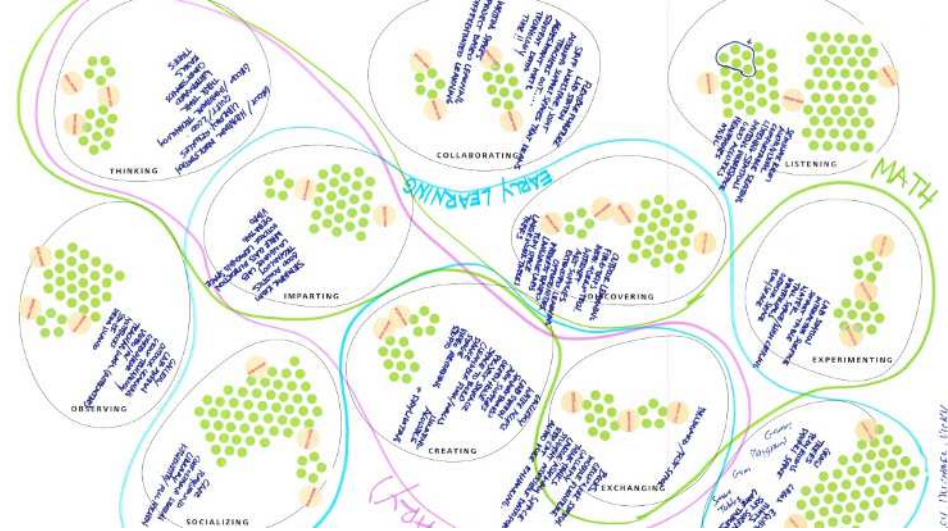
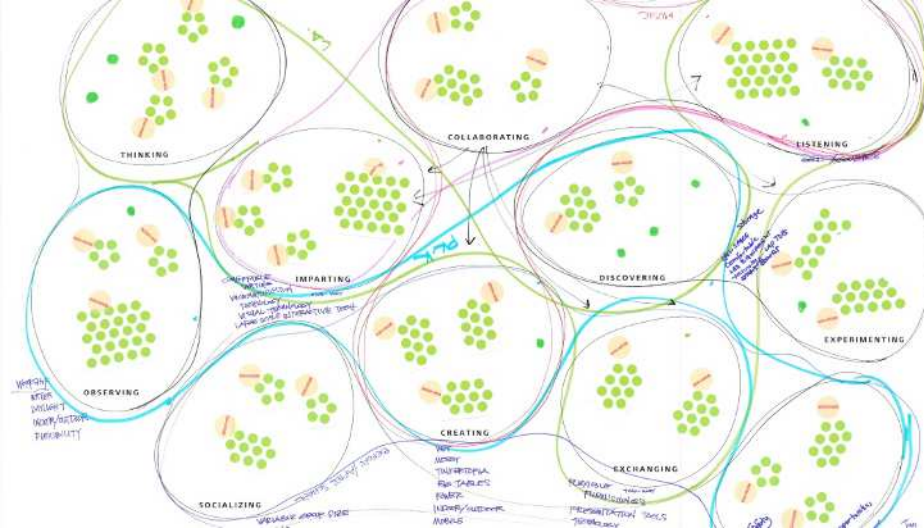
Small Group

4-6 Students



Individual/Pair Study

1-2 Students



Functional Programming Exercise

Small Group (20)



Learning Activities

- :: Observing
- :: Collaborating
- :: Creating
- :: Exchanging
- :: Experimenting
- :: Socializing
- :: Discovering
- :: Thinking
- :: Listening

Tools

- :: Technology
- :: Low Light Areas
- :: Meeting Furniture
- :: Demo Island (Wet/Dry)
- :: Minimal Distraction
- :: Presentation Space
- :: Natural Elements
- :: Creative Space w/ Materials
- :: Cameras
- :: Greenhouse

Functional Space

Small Flex

:: 5-10 students



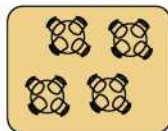
:: 200-300 square feet

:: Think Tank

:: Group Workstation/Technology

:: Teaching Wall/Interactive

:: Acoustically Separated



Functional Space

Small Group

:: 4-6 students



:: 120-150 square feet

:: Think Tank

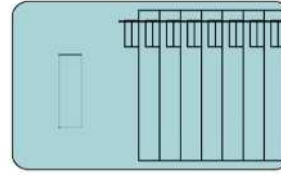
:: Group Workstation/Technology

:: Teaching Wall/Interactive

:: Acoustically Separated

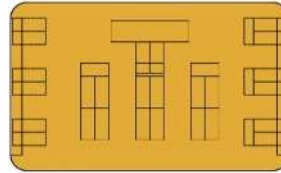


Individual/Pair Study



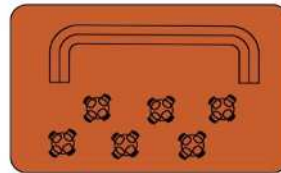
Core Learning/Large Group

Forum/Lecture
25-50 Students



Core Learning/Large Group

Workshop/Create
25-50 Students



Core Learning/Large Group

Community/Gather
25-50 Students



Large Flex

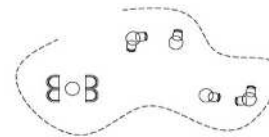
10-15 Students



Small Group

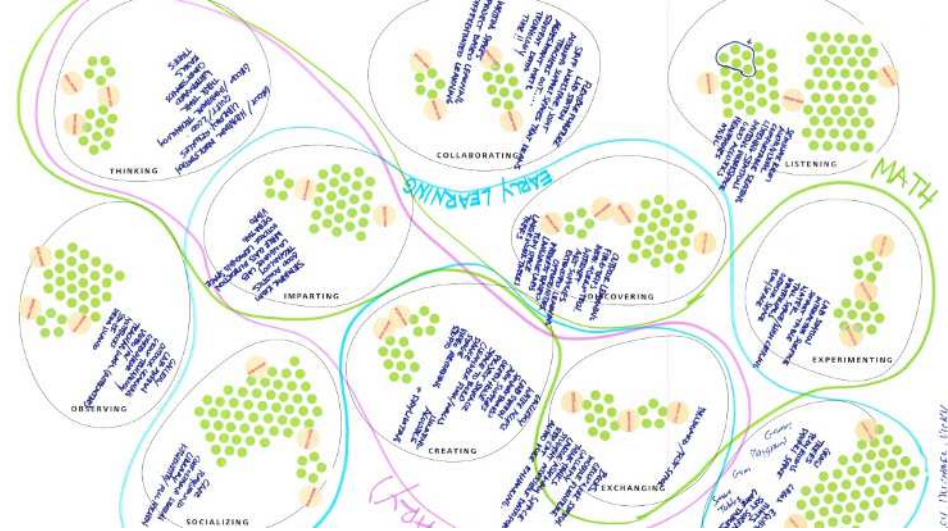
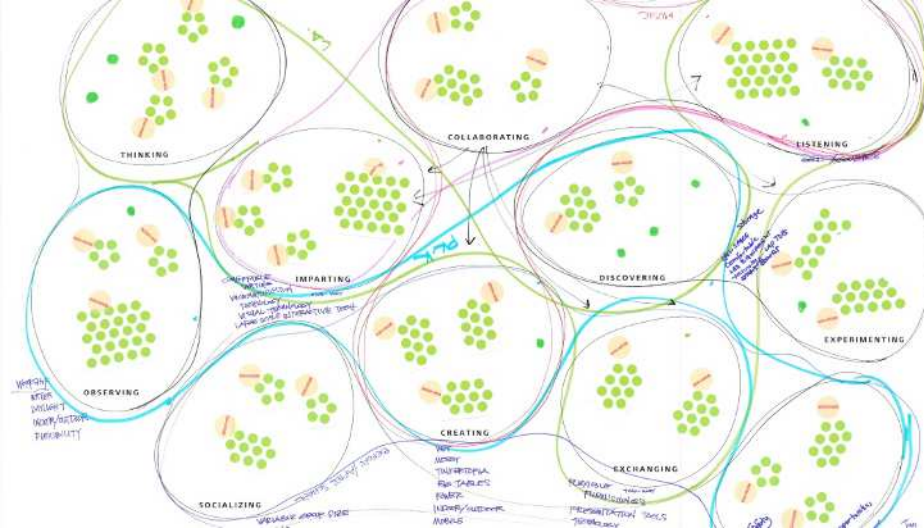
4-6 Students

31% —



Individual/Pair Study

1-2 Students



Functional Programming Exercise

Individual/Pairs (21)



Learning Activities

- :: Experimenting
- :: Creating
- :: Exchanging
- :: Thinking
- :: Playing
- :: Observing
- :: Discovering
- :: Imparting
- :: Socializing

Tools

- :: Natural Light
- :: Sensory Garden
- :: Yoga Studio
- :: Windows/Glass Walls
- :: Small Tables
- :: Comfy seating
- :: Power source
- :: Nooks
- :: Access to Outside
- :: Storage
- :: Visibility

Functional Space

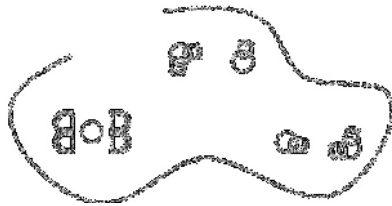
Individual/Pair Study

:: 1-2 students



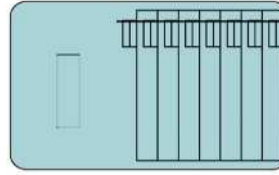
:: Anywhere or With Others

:: Breakout Space



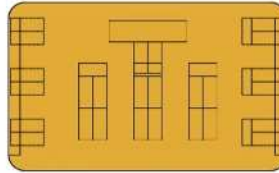
Functional Space Need

28%



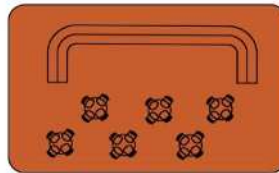
Core Learning/Large Group

Forum/Lecture
25-50 Students



Core Learning/Large Group

Workshop/Create
25-50 Students



Core Learning/Large Group

Community/Gather
25-50 Students

72%



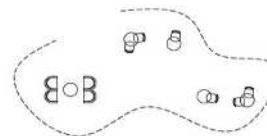
Large Flex

10-15 Students



Small Group

4-6 Students



Individual/Pair Study

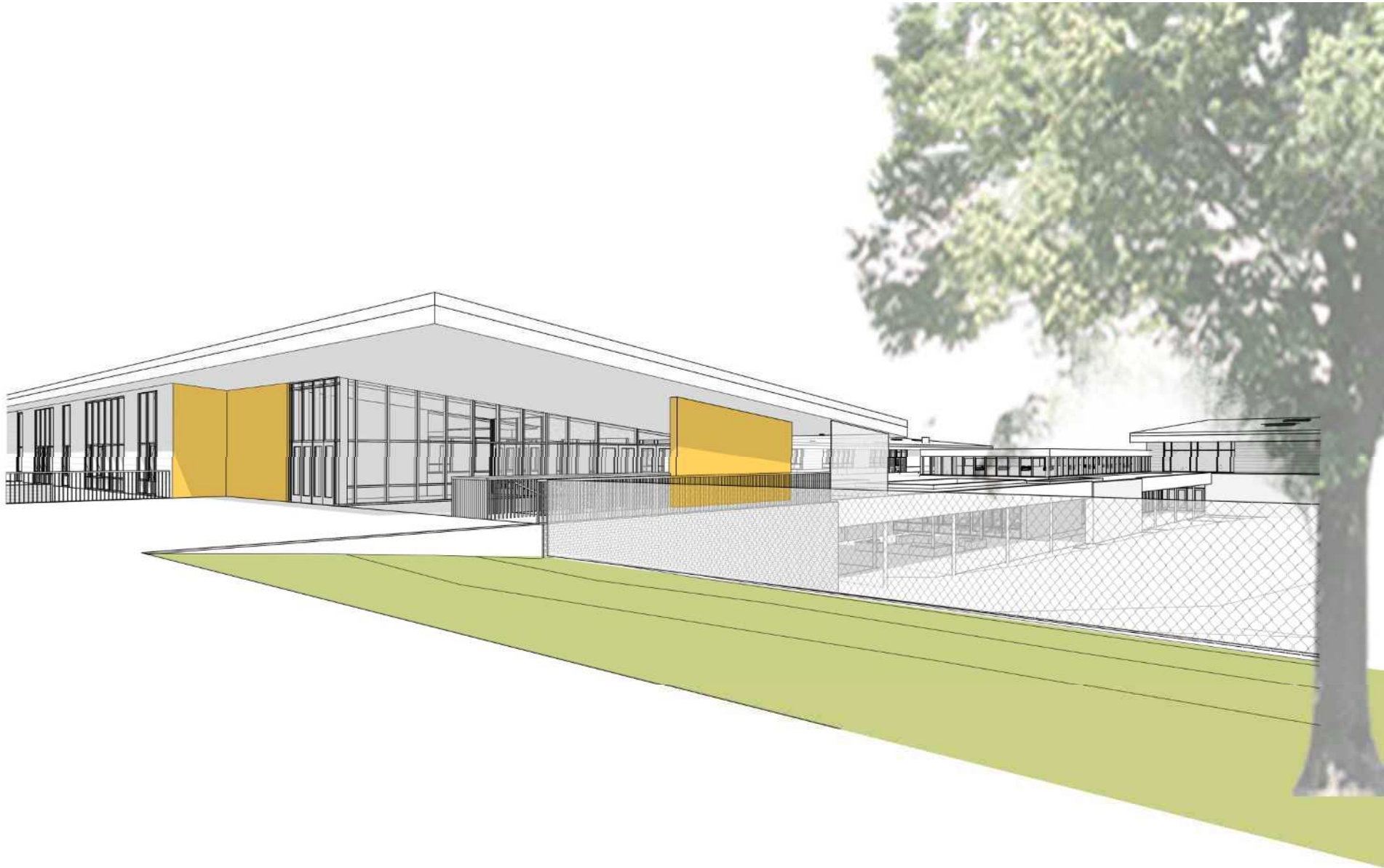
1-2 Students

Virtual Tour ::

Northwood Elementary

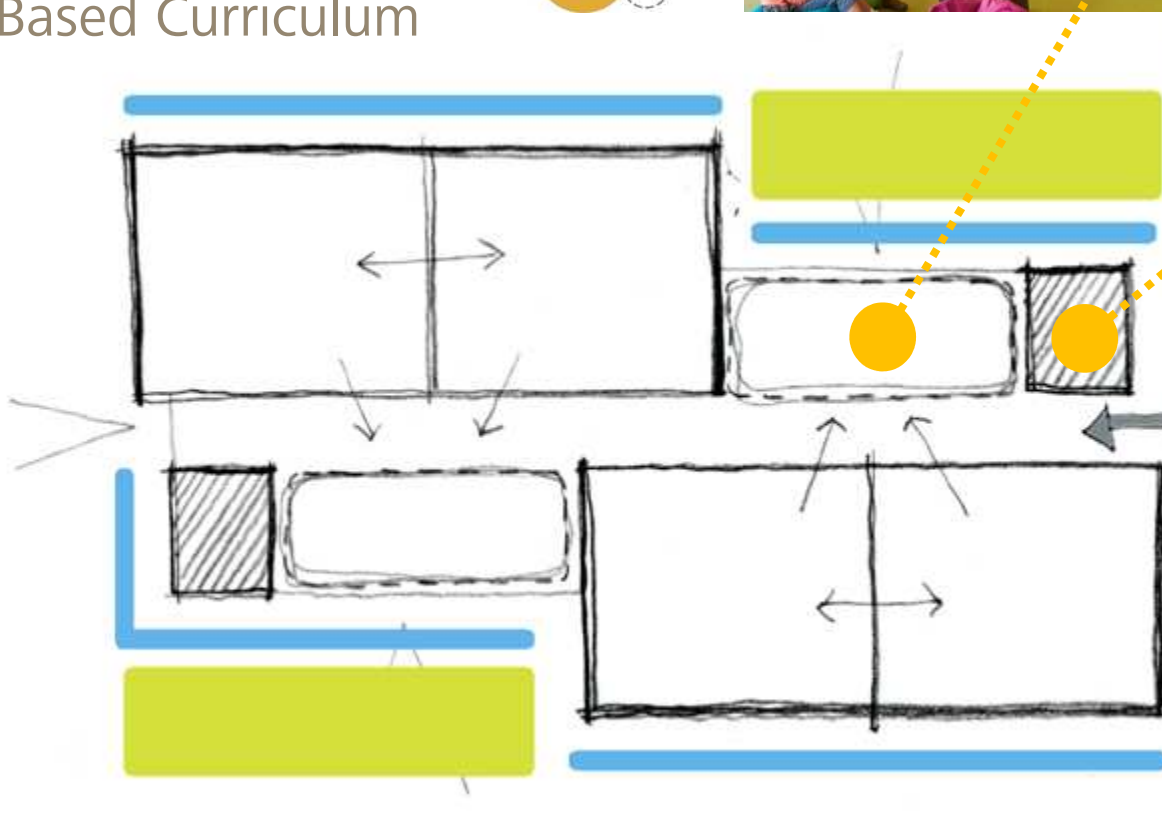
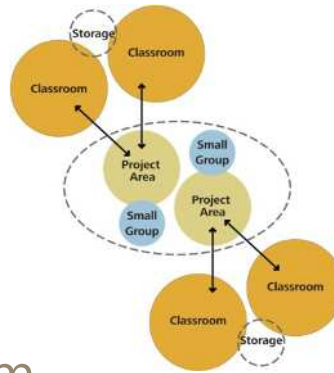
Northwood Elementary School

Mercer Island, Washington

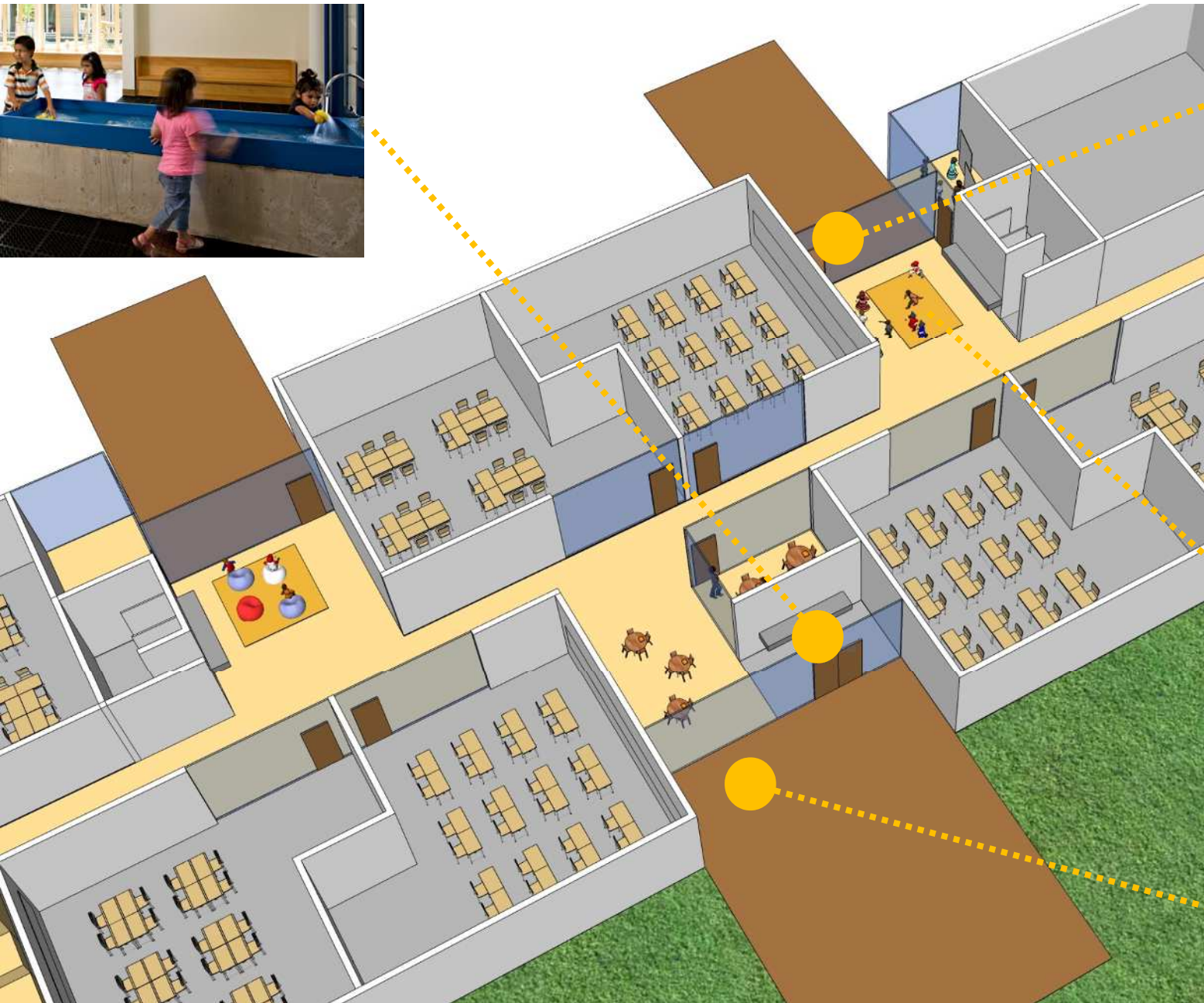


Age Appropriate | Designing for Primary Learners

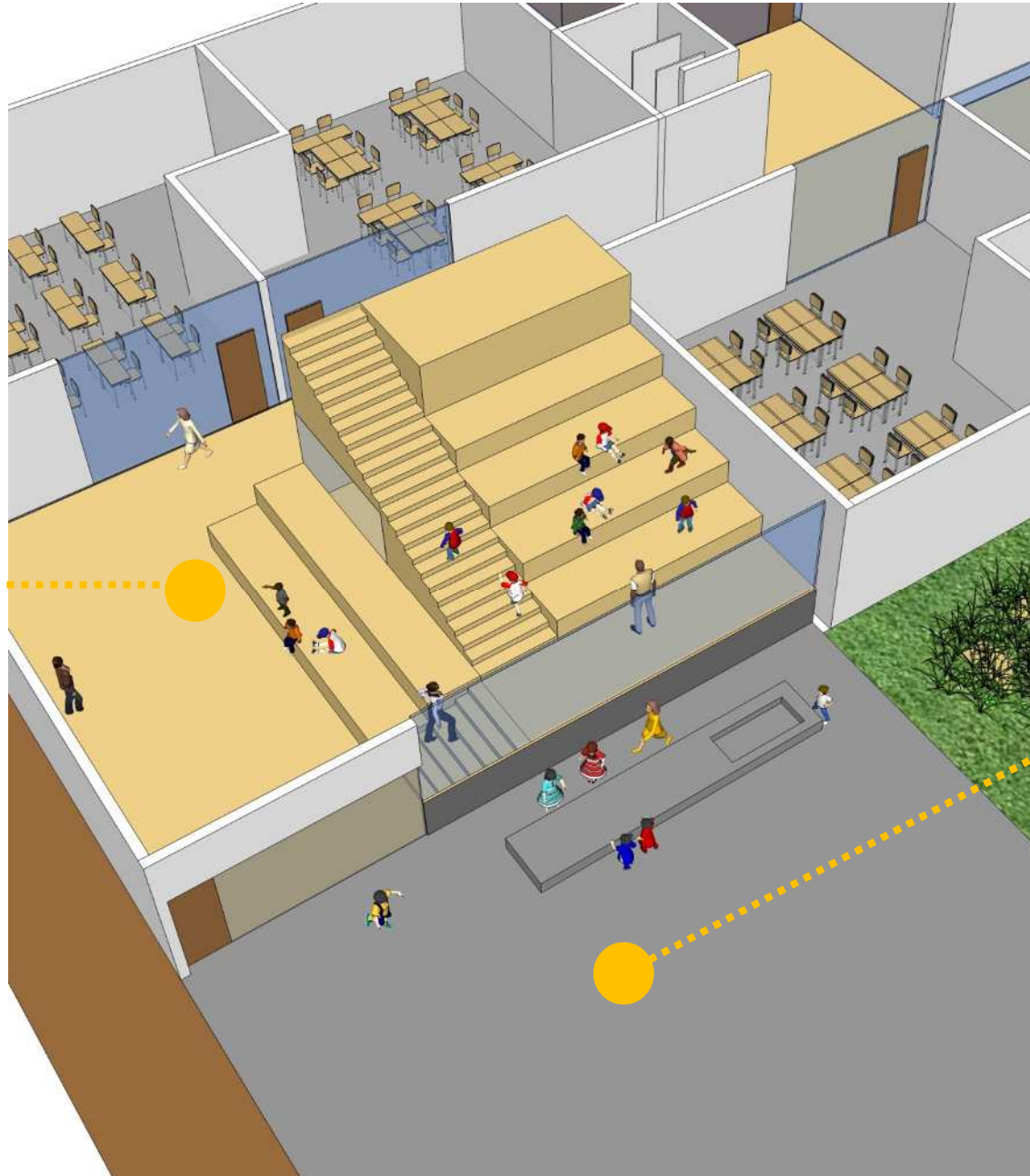
Nested Partnering
Cross-Grade Flexibility
Appropriate Scale
Variation
Ability Based Curriculum



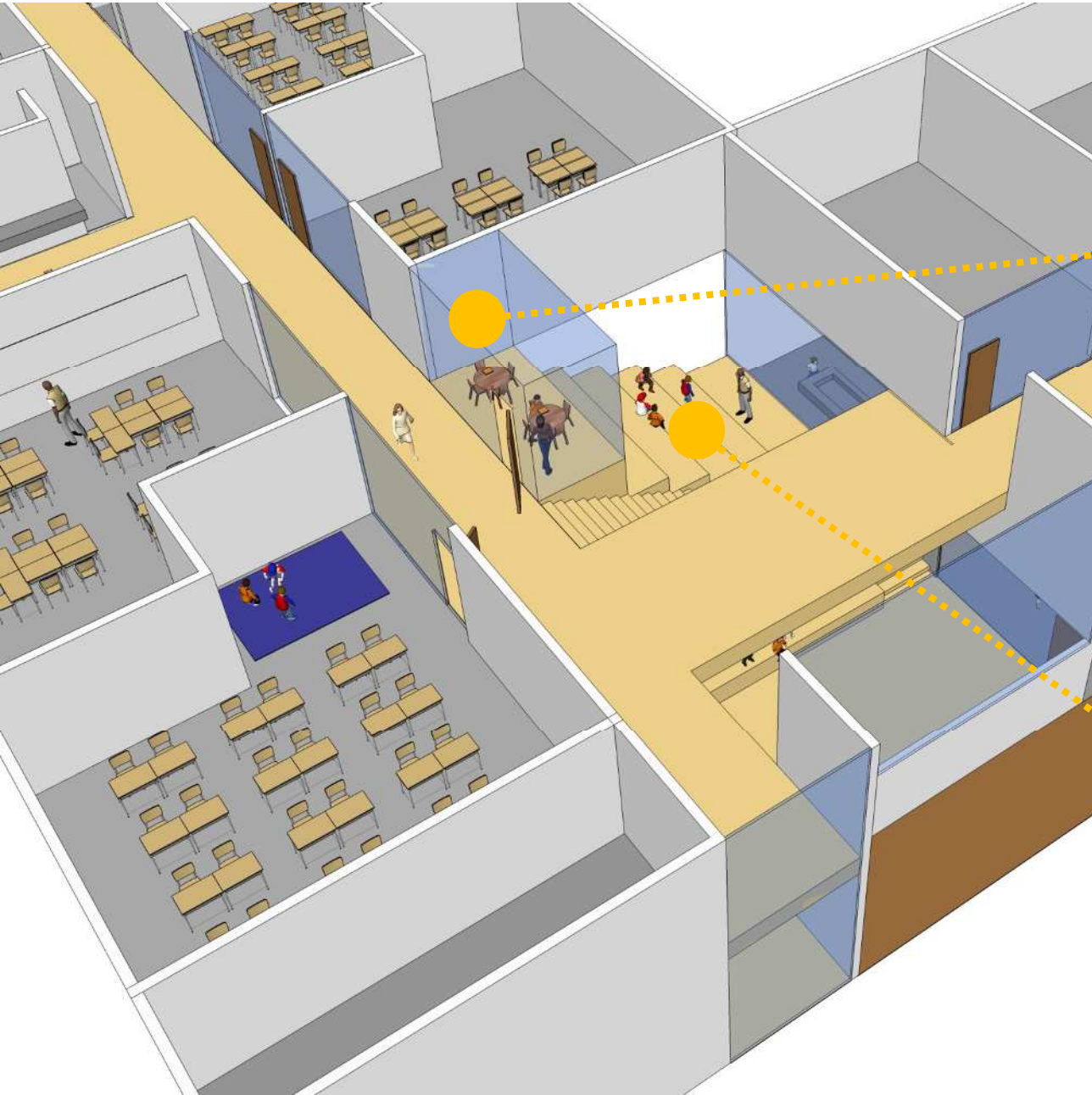
Age Appropriate | Designing for Primary Learners



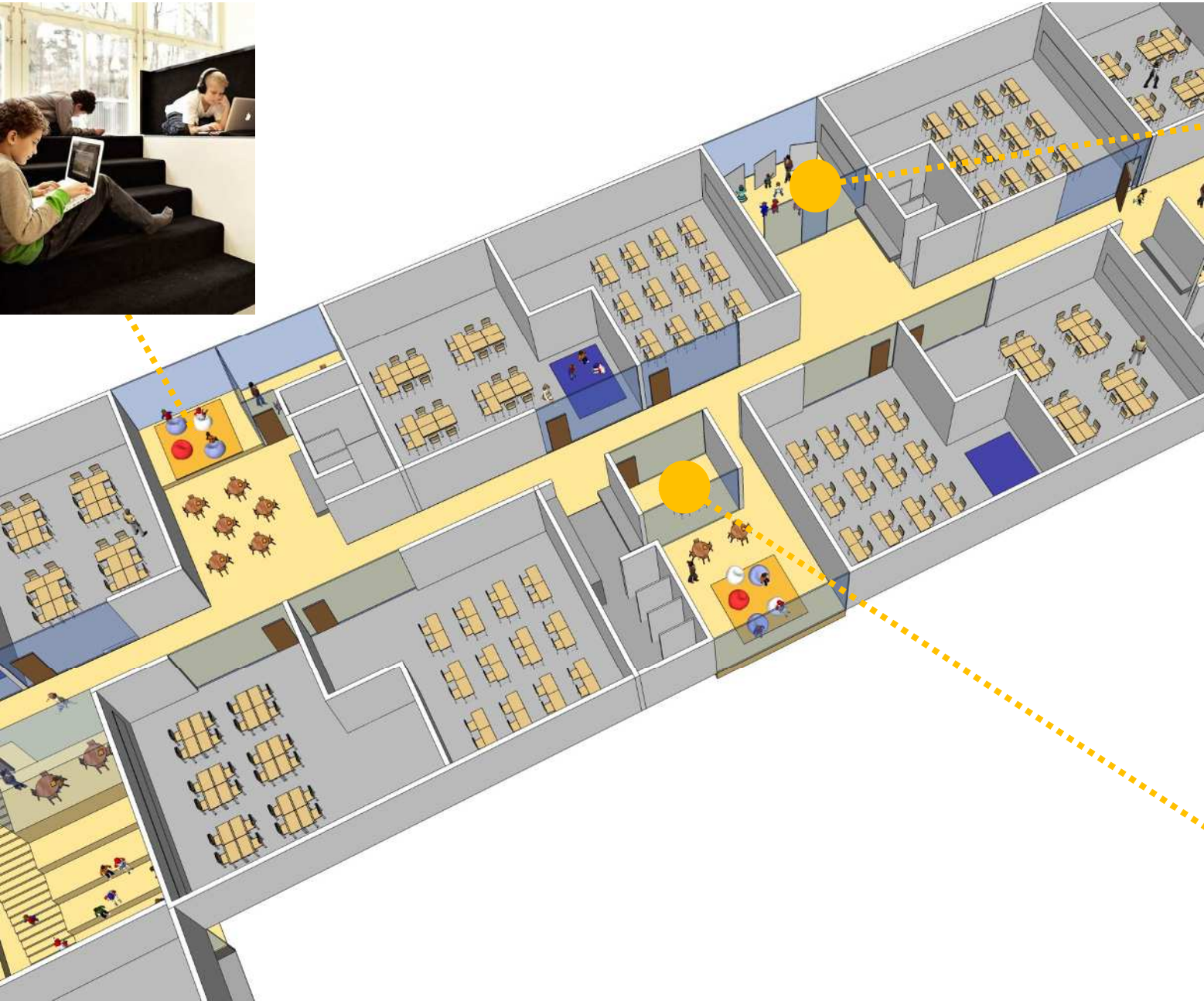
Age Appropriate | Designing for Primary Learners



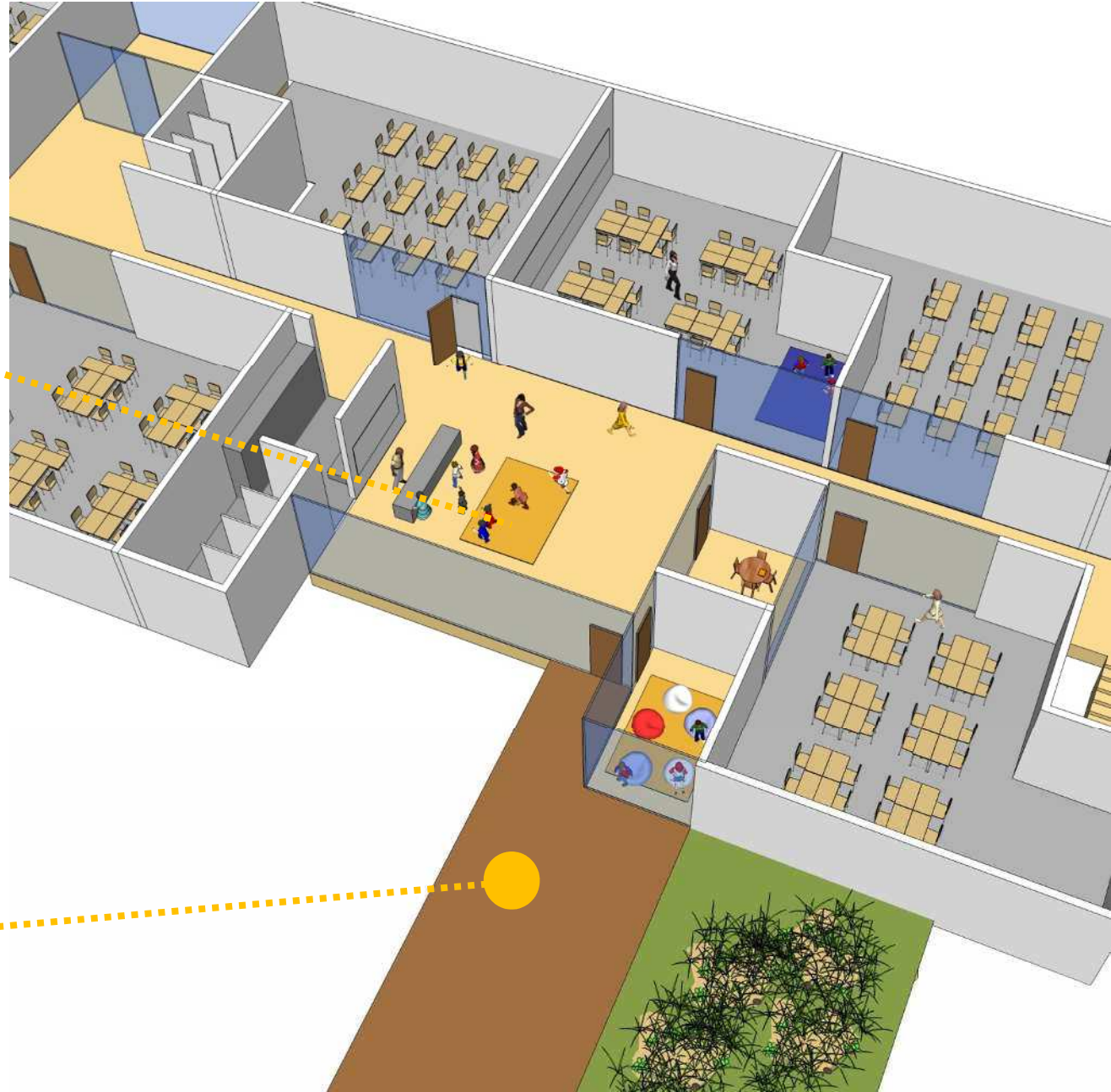
Age Appropriate | Designing for Primary Learners



Age Appropriate | Designing for Primary Learners



Age Appropriate | Designing for Primary Learners



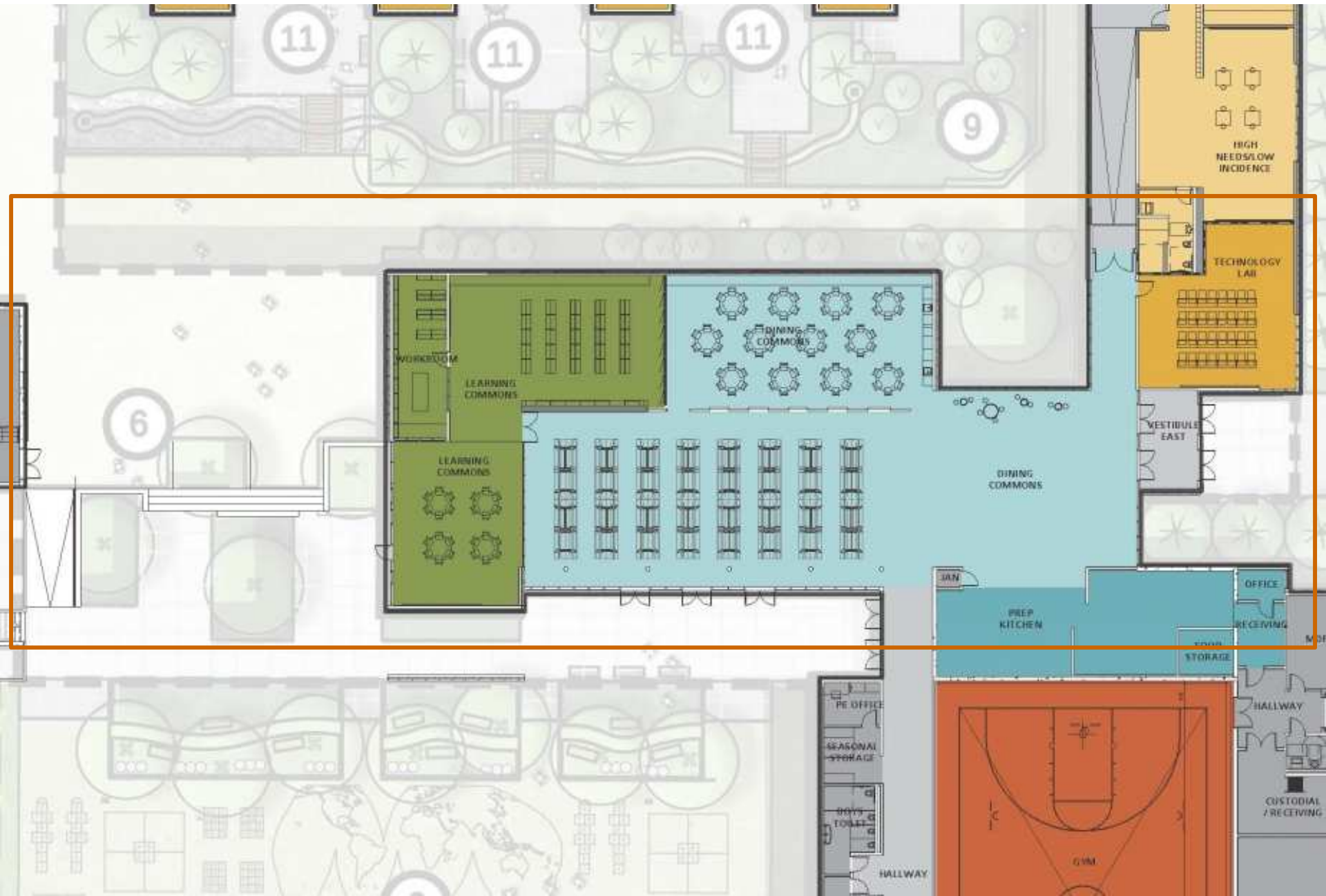
Learning Settings





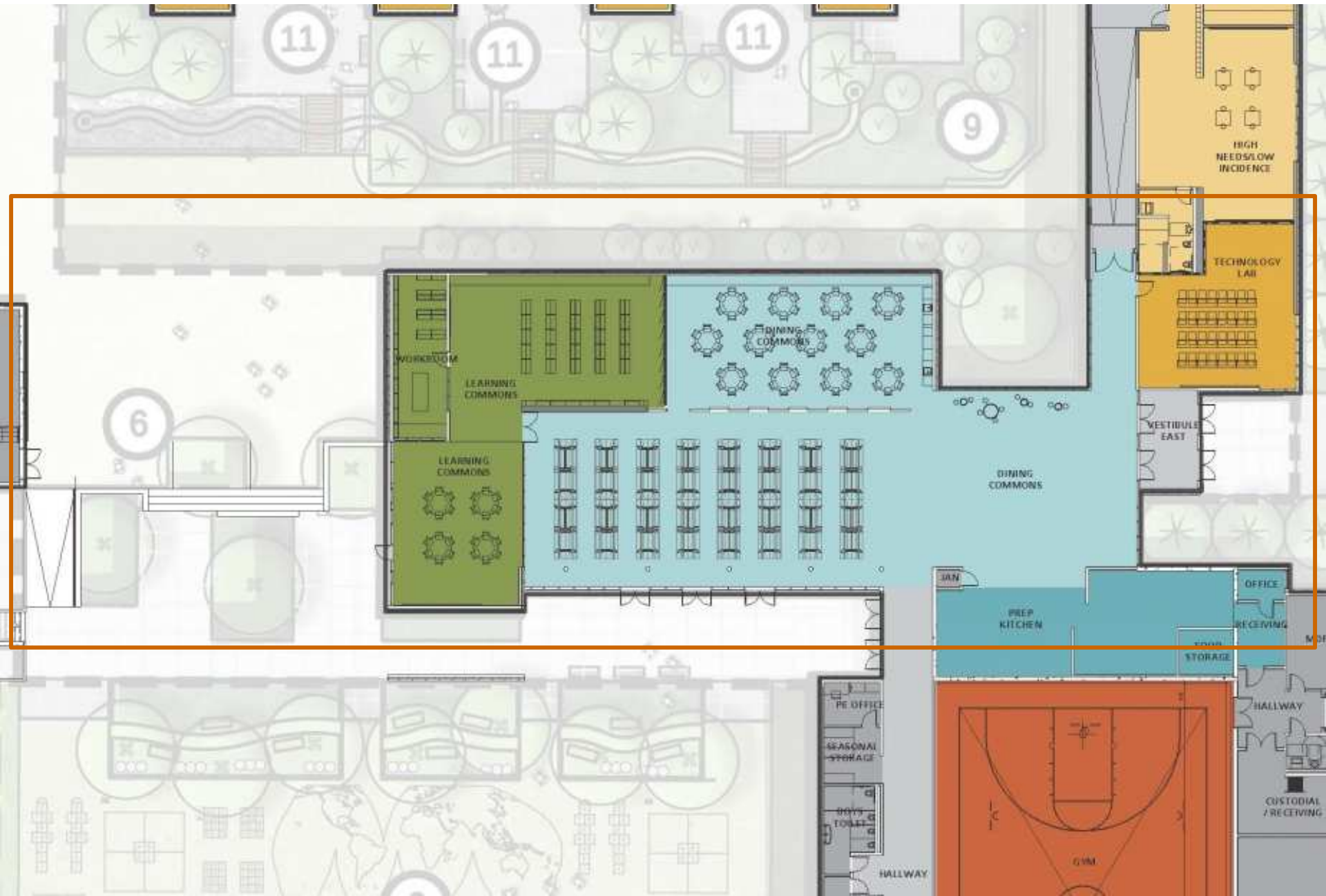


Discovery Commons

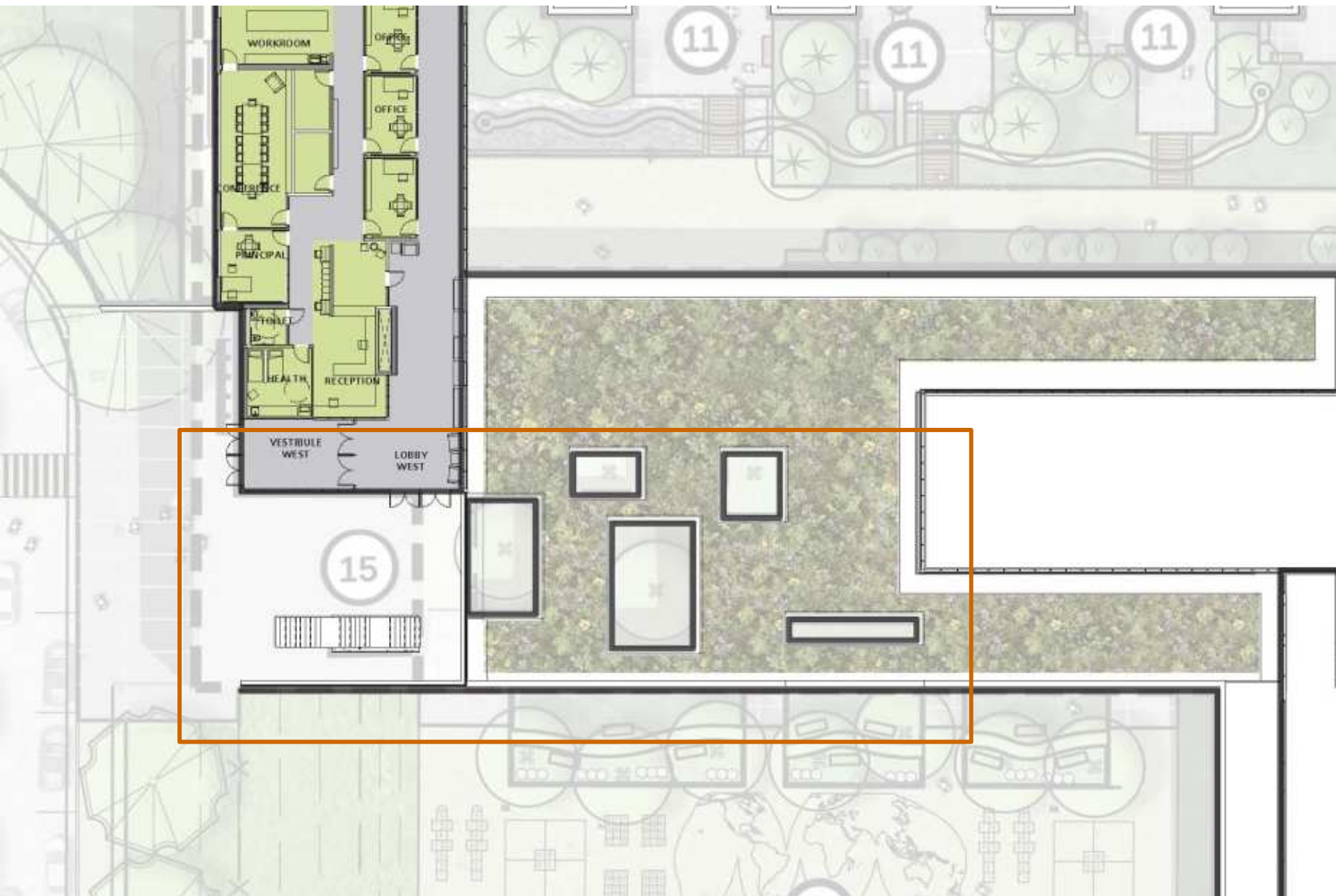




Discovery Commons



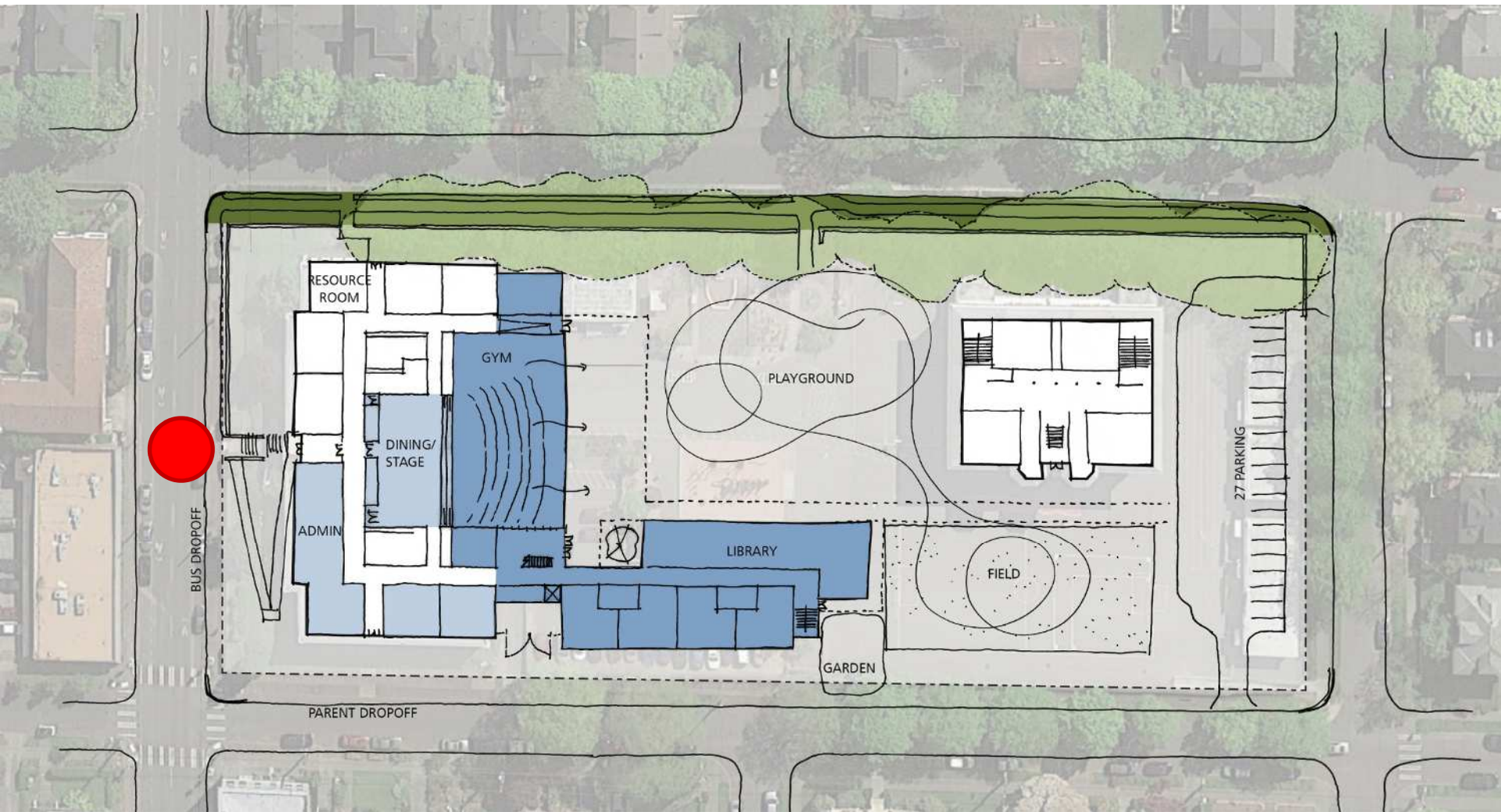
Community Porch





Concept Development

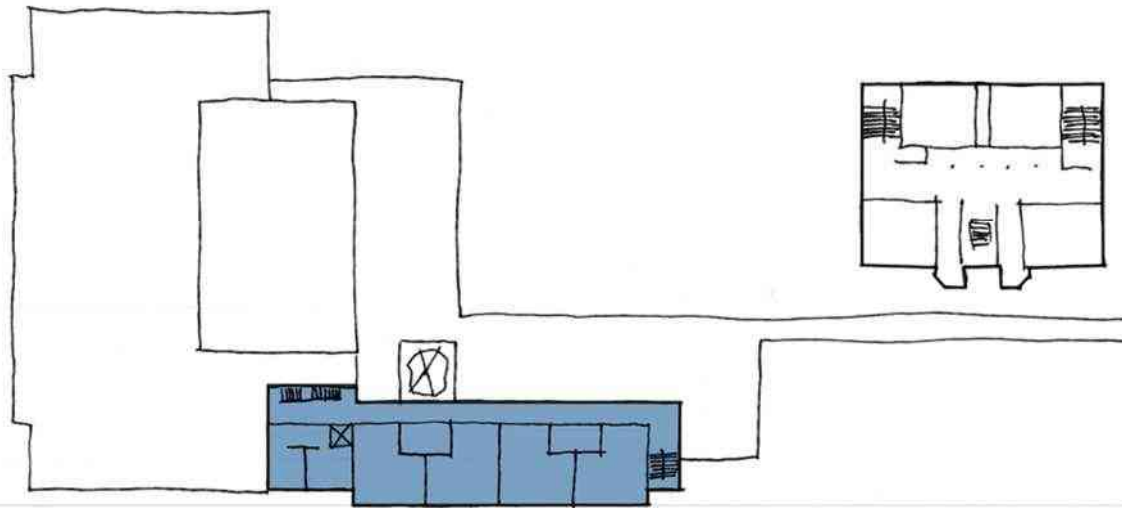
Scheme 01



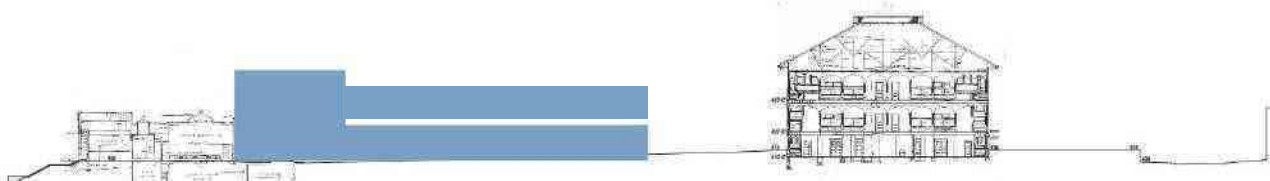
Level 01



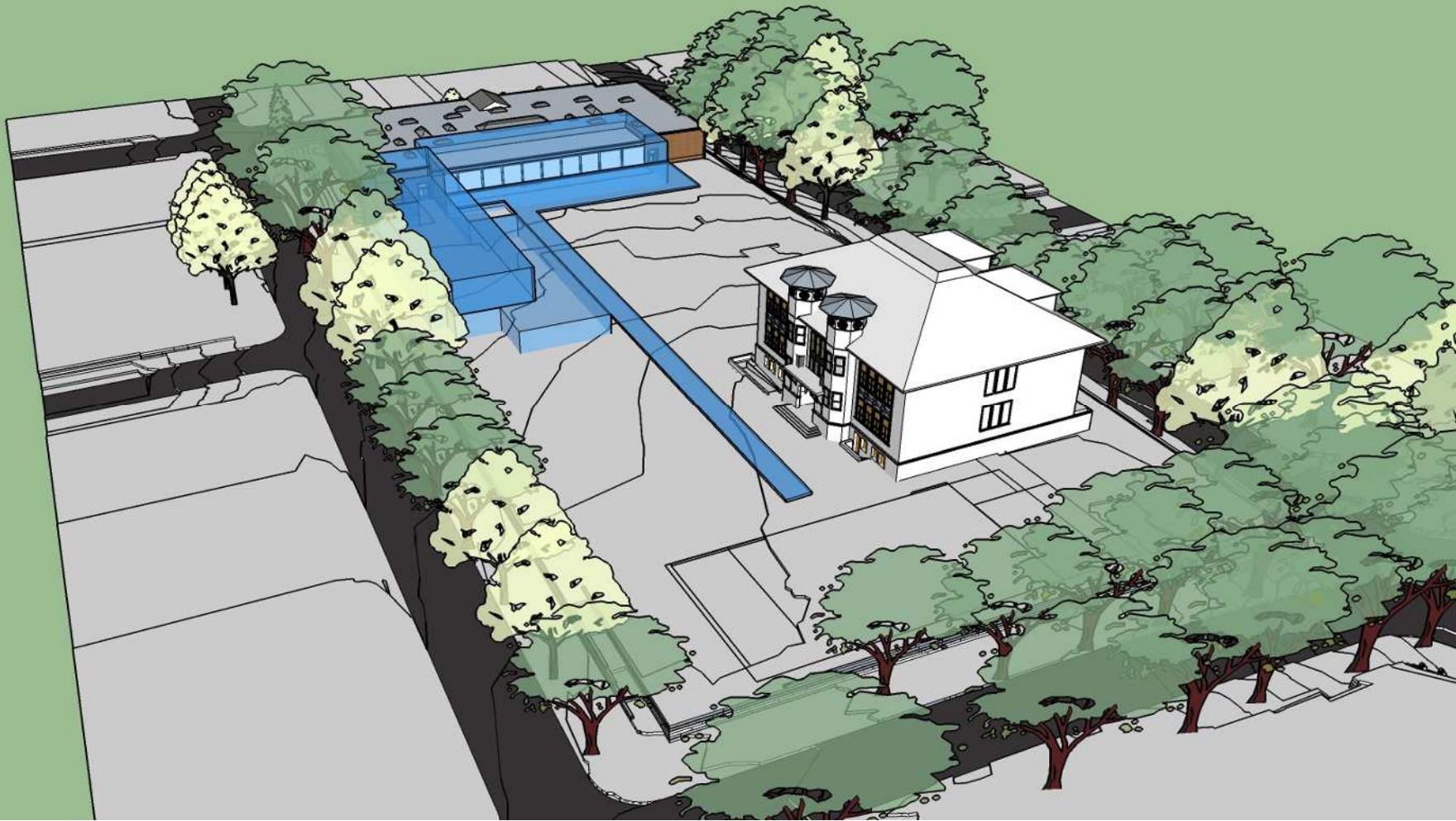
Scheme 01 :: Second Floor



Level 02



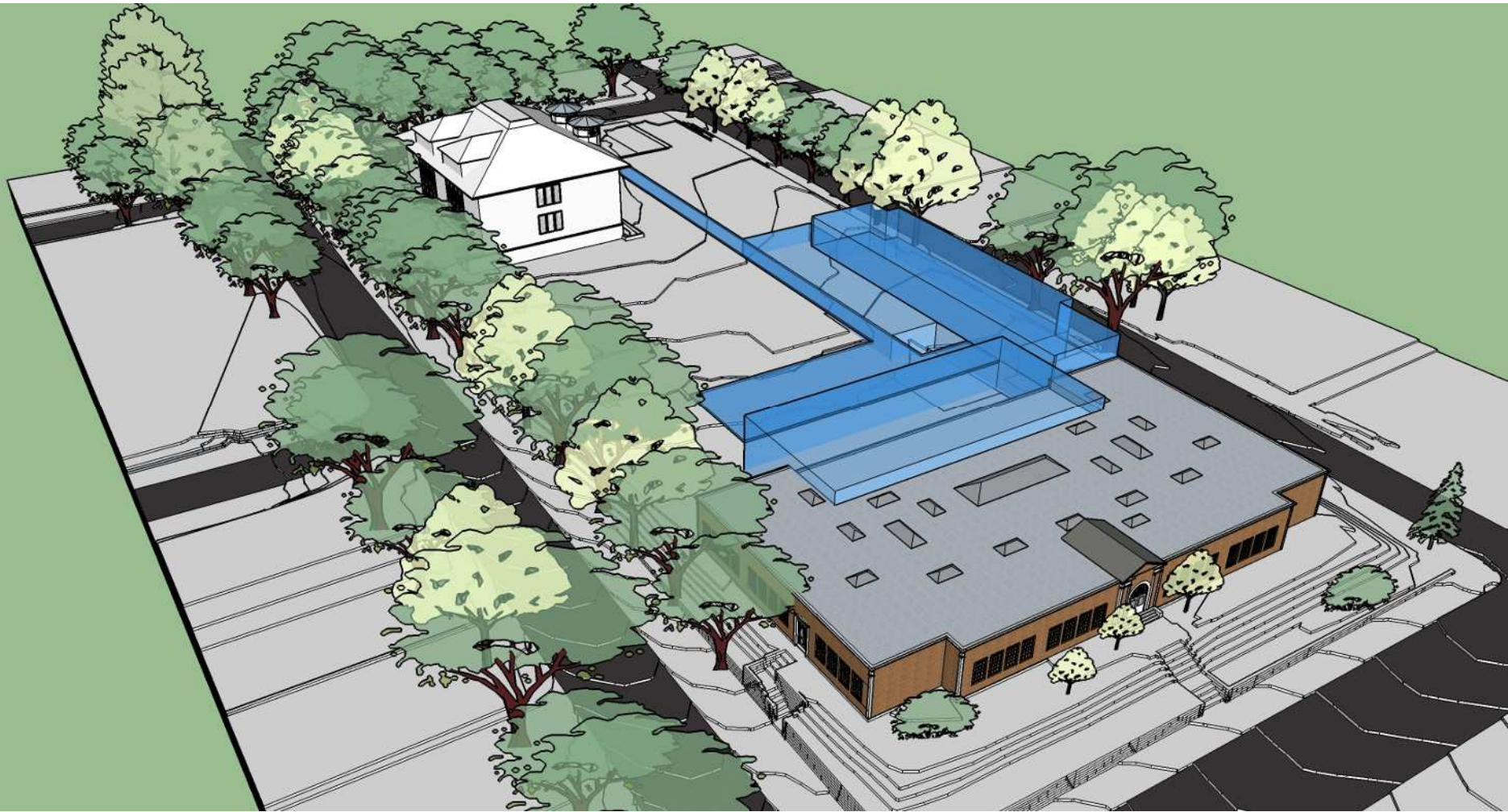
Scheme 01



Level 01



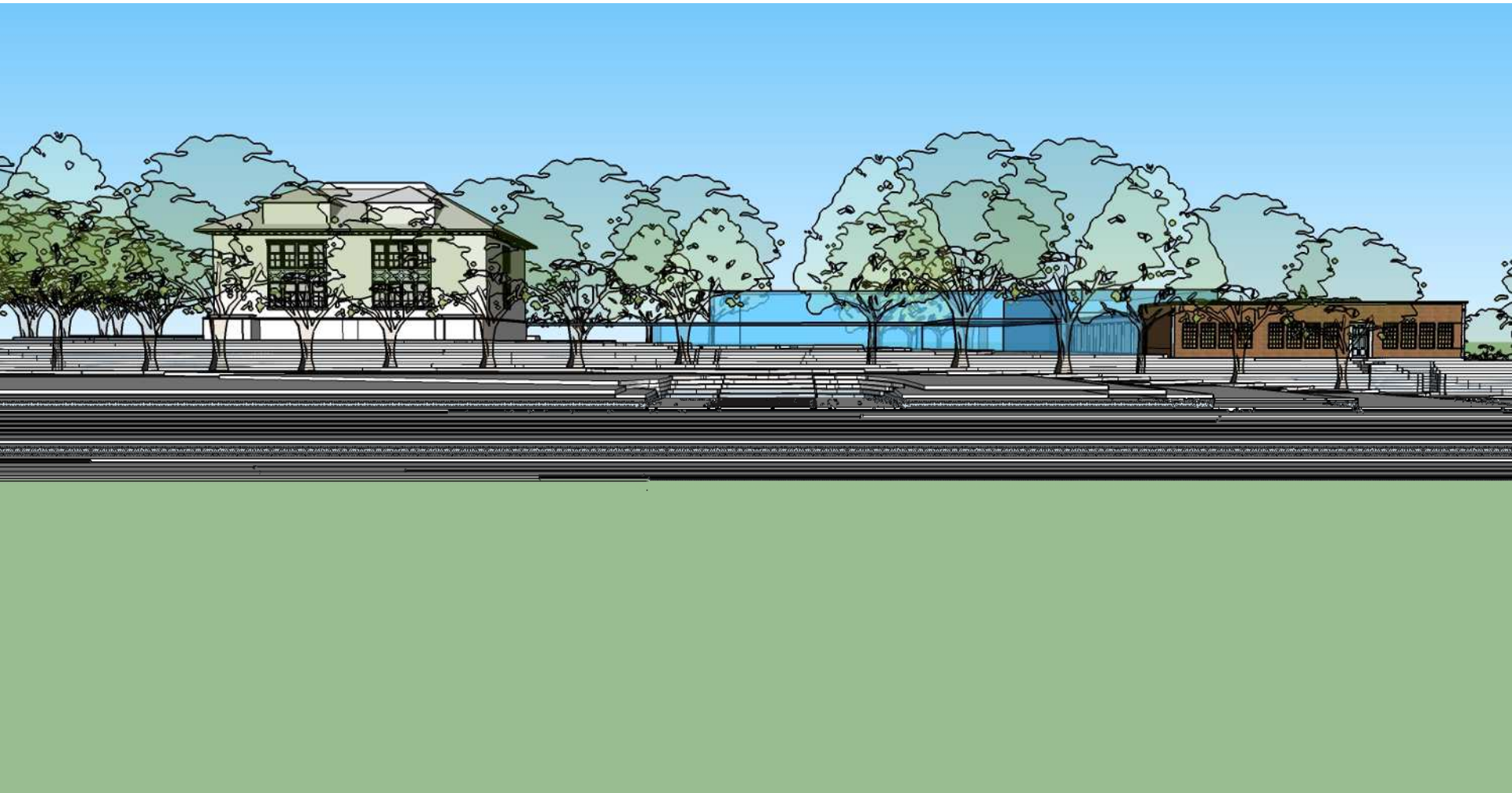
Scheme 01



Level 01



Scheme 01



Level 01



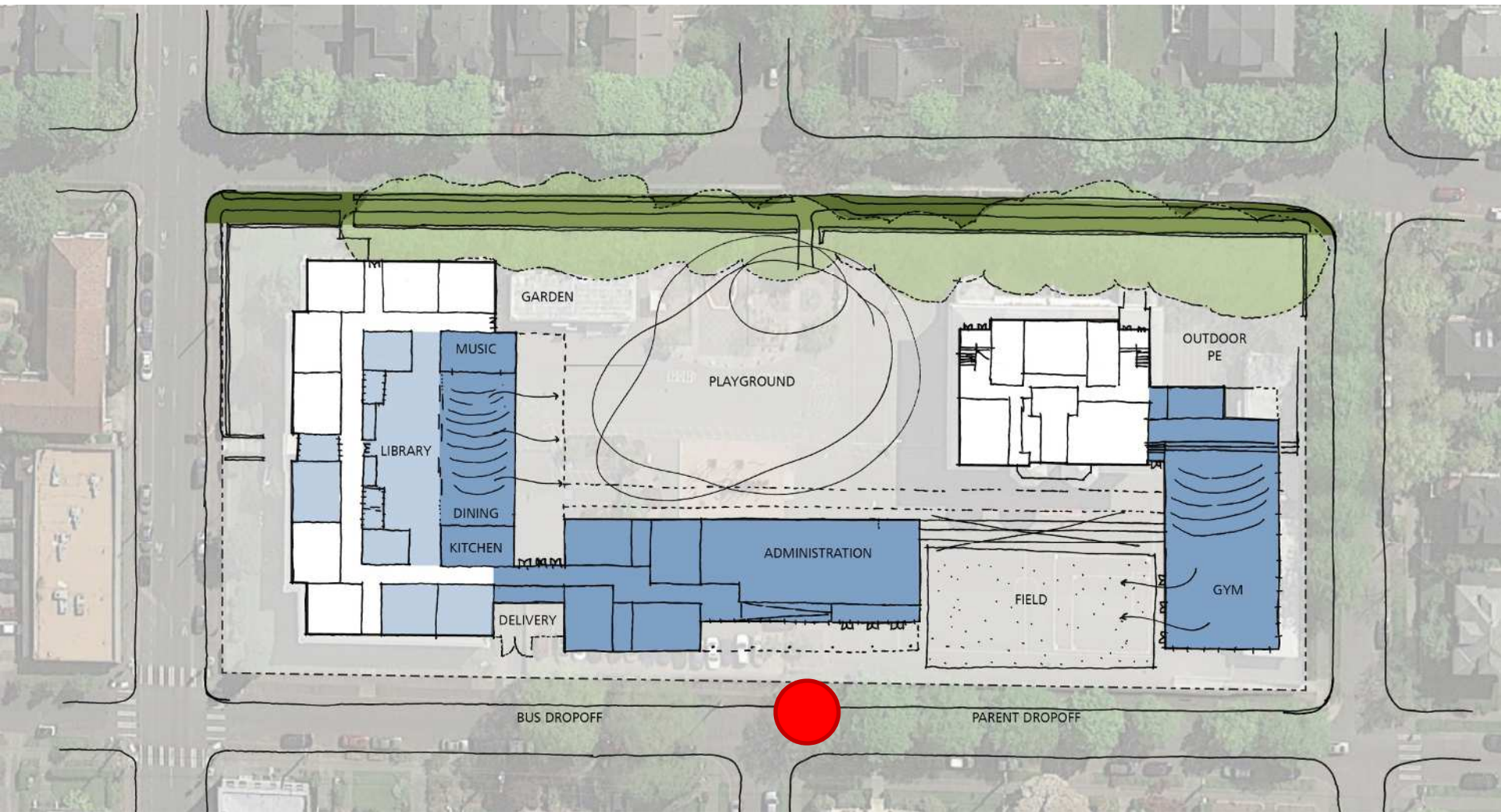
Scheme 01



Level 01



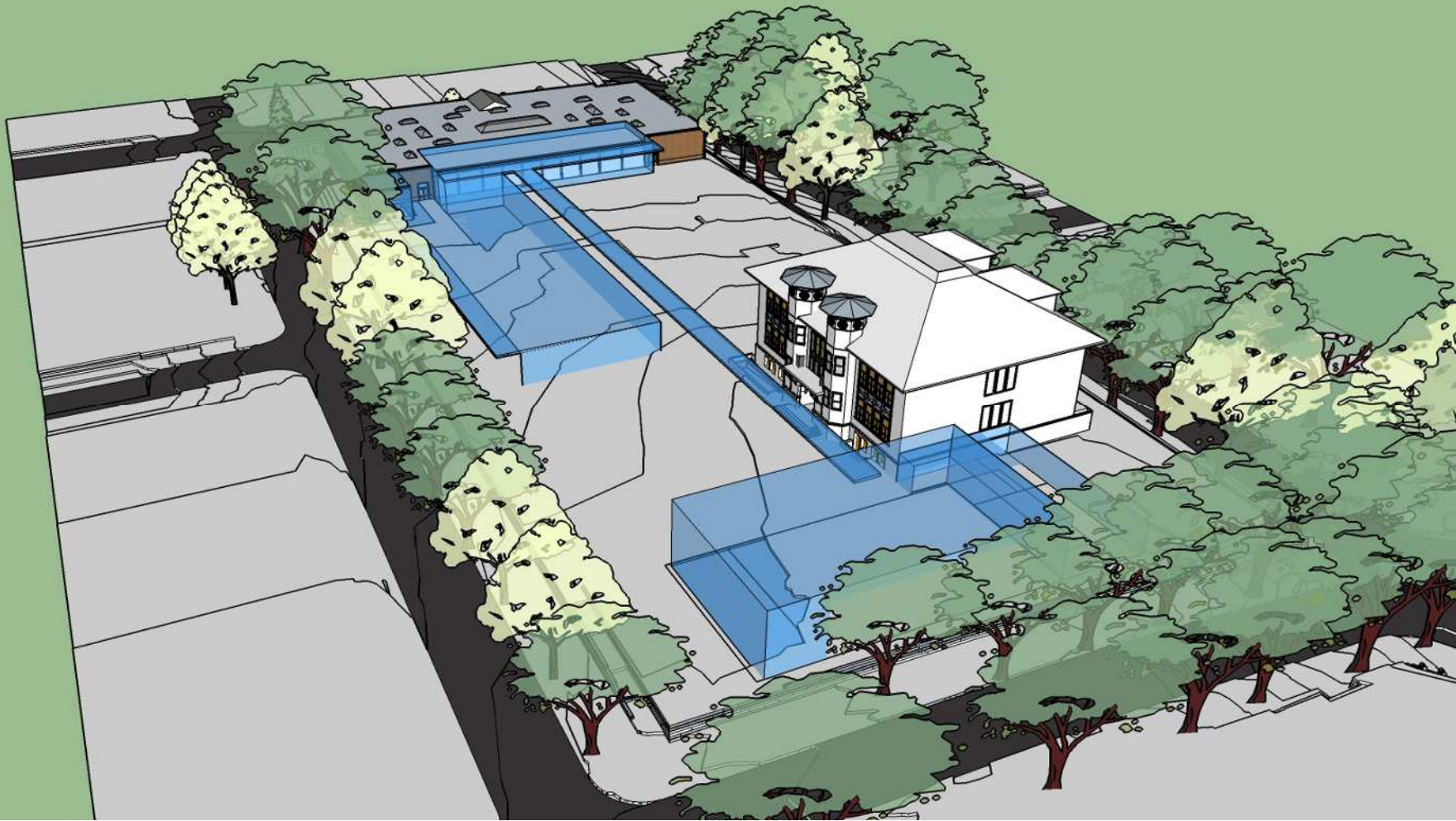
Scheme 02



Level 01



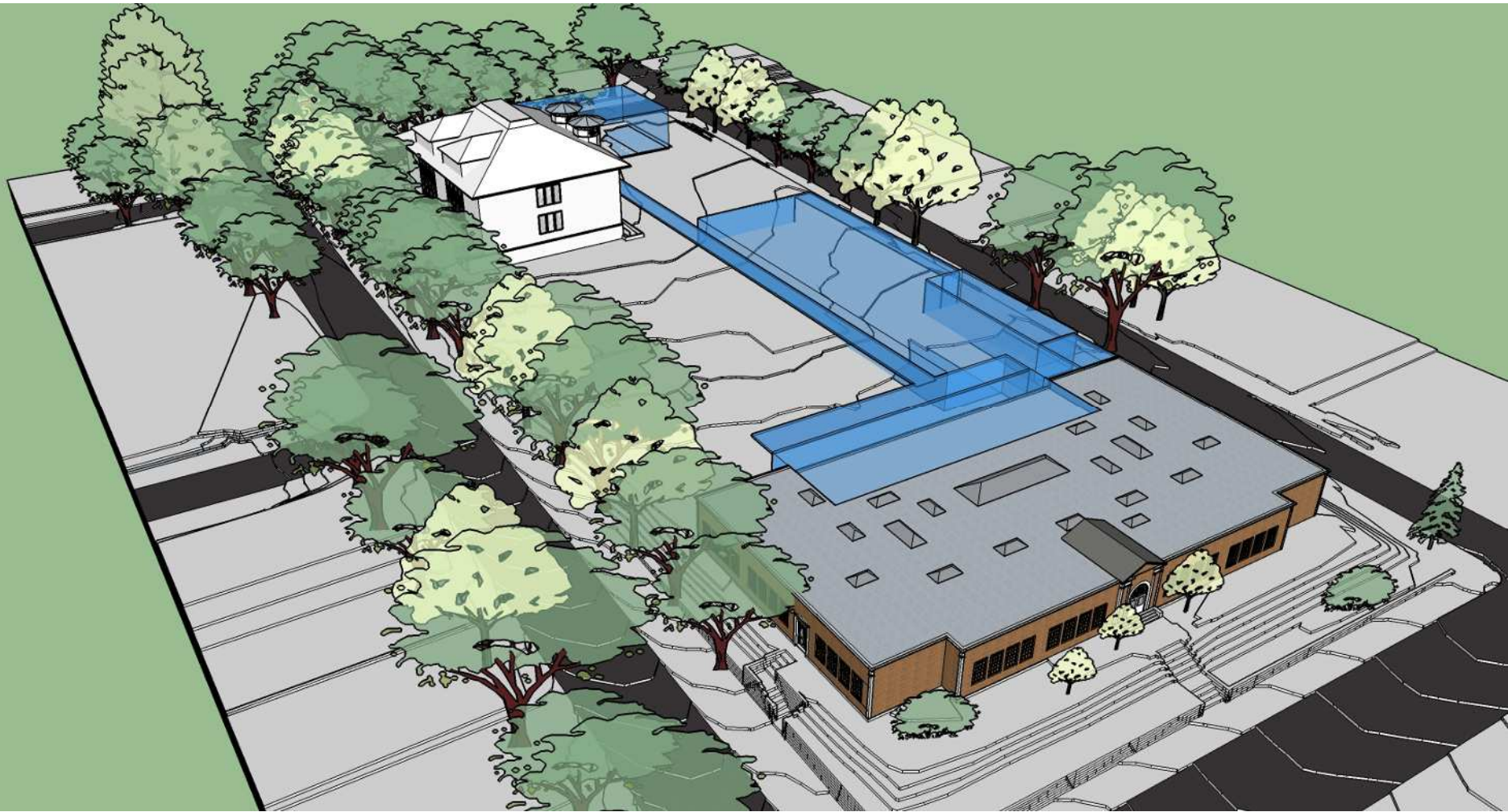
Scheme 02



Level 01



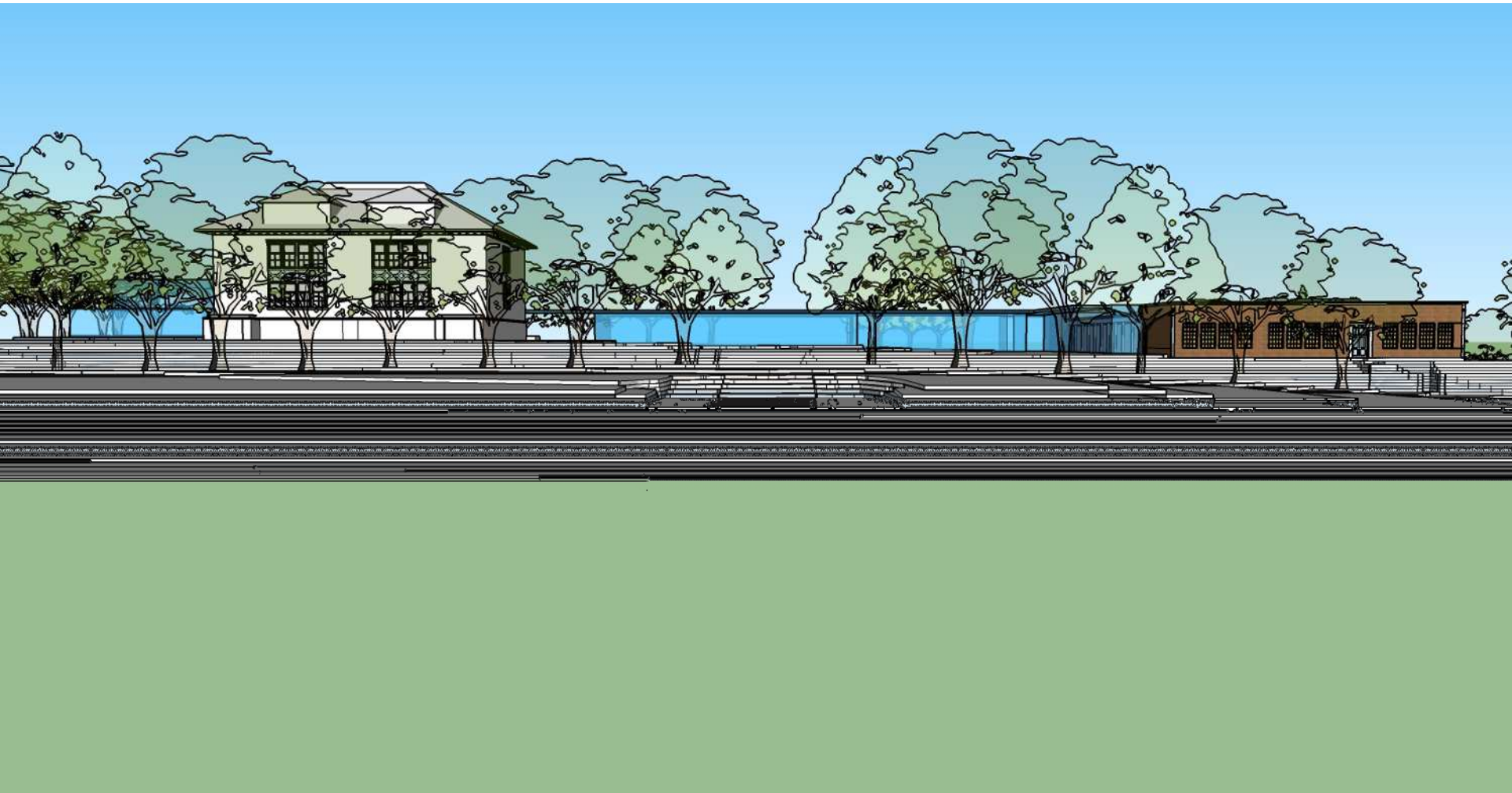
Scheme 02



Level 01



Scheme 02



Level 01



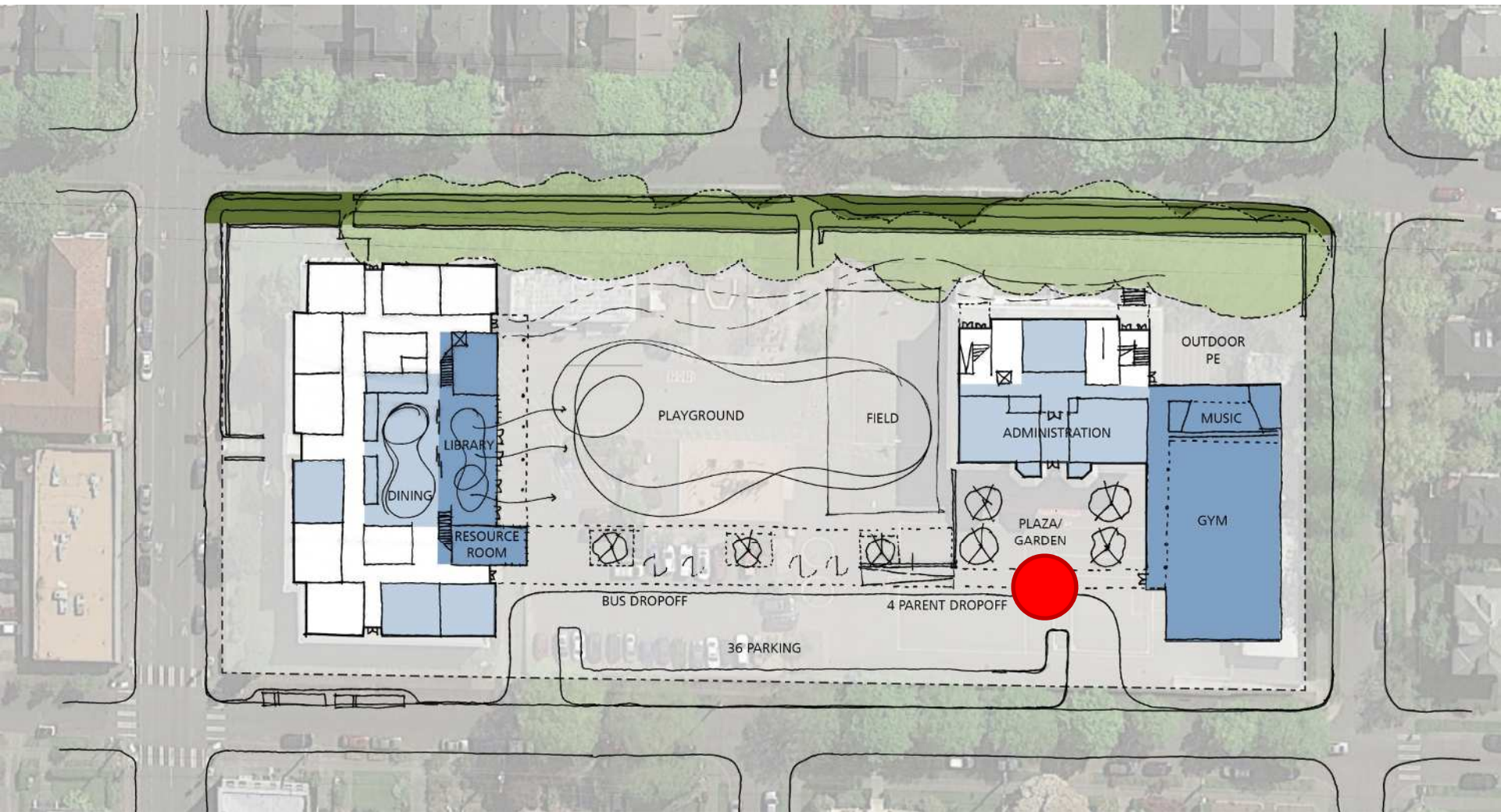
Scheme 02



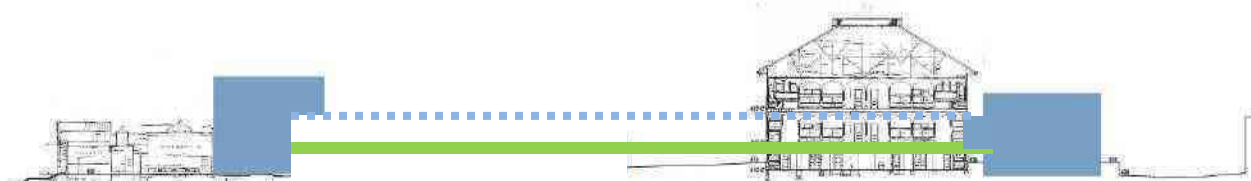
Level 01



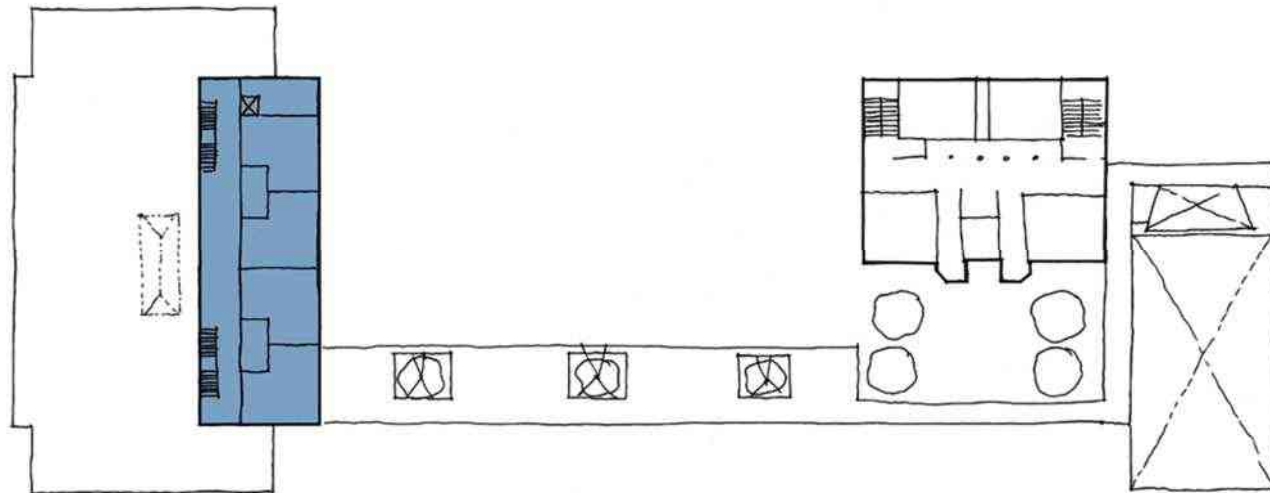
Scheme 03



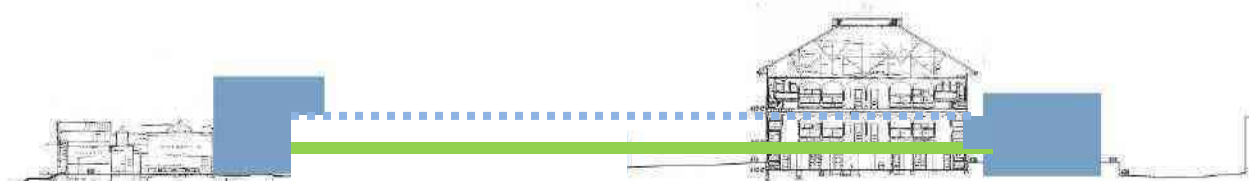
Level 01



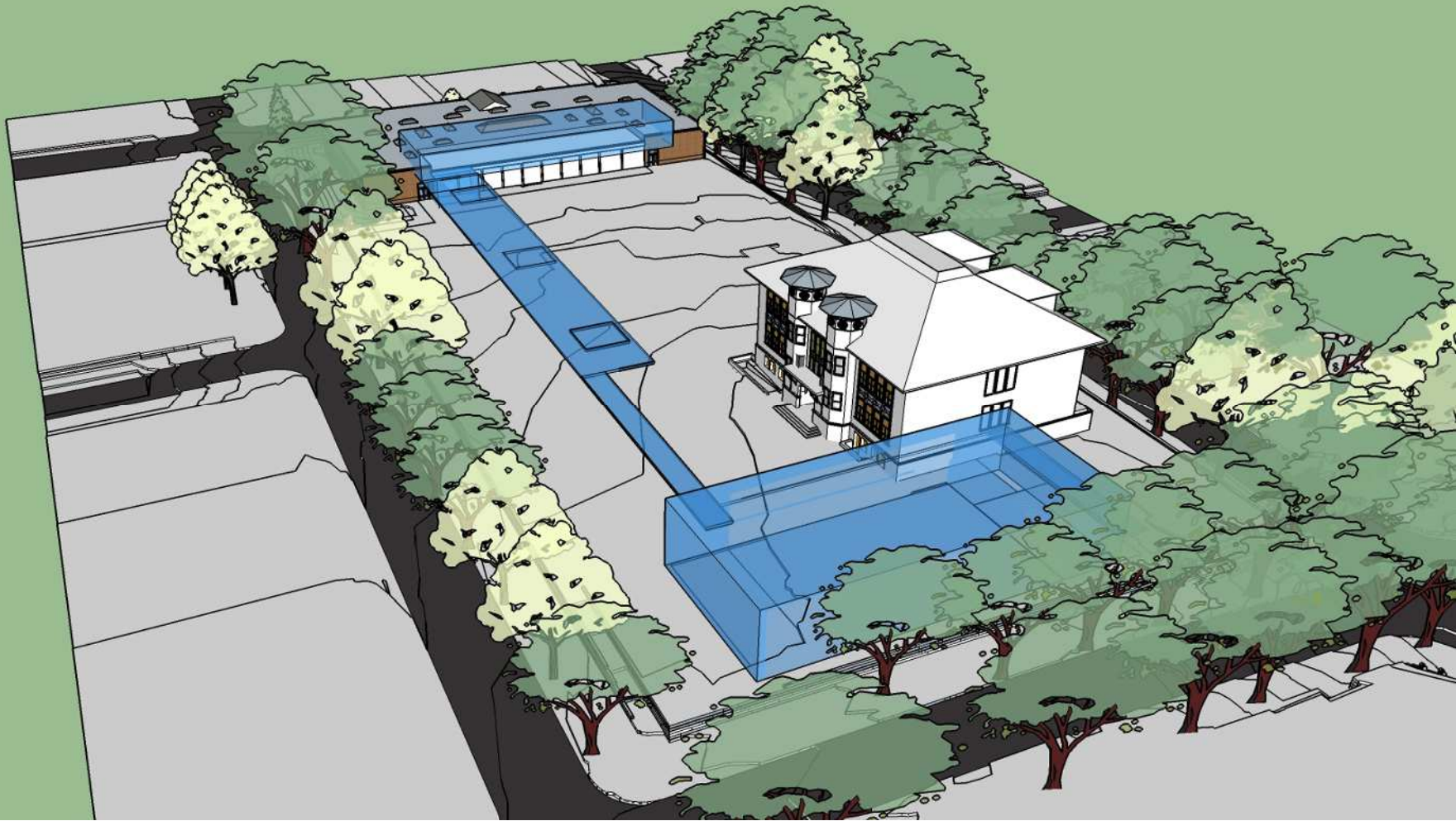
Scheme 03 :: Second Floor



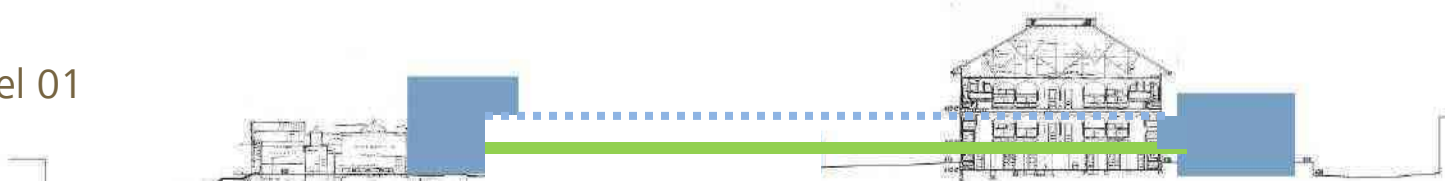
Level 02



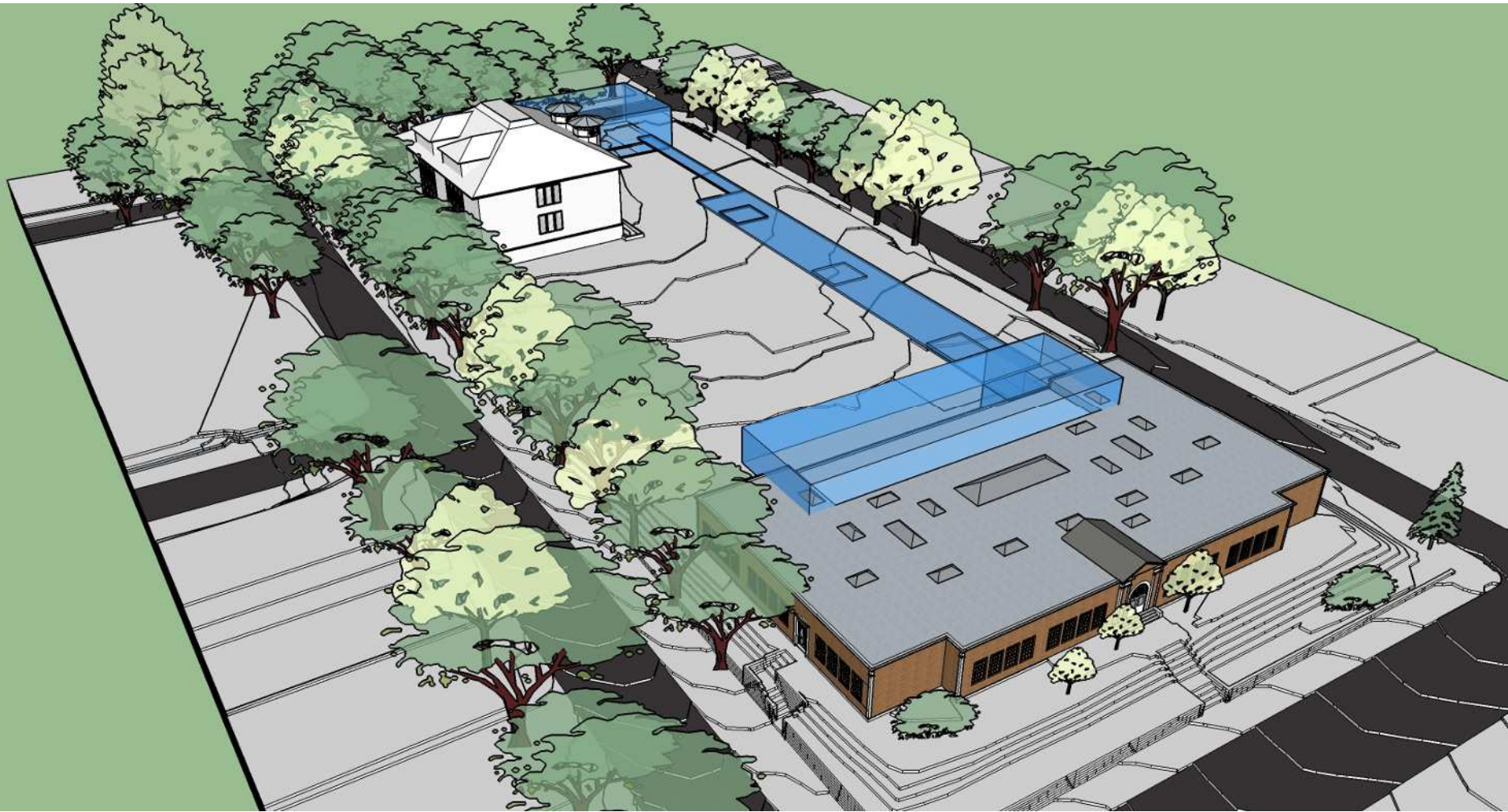
Scheme 03



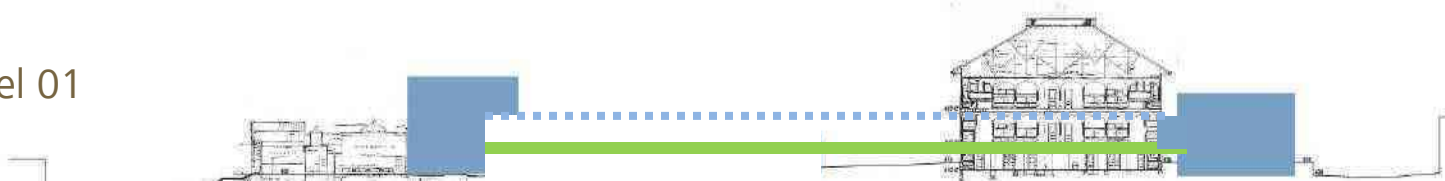
Level 01



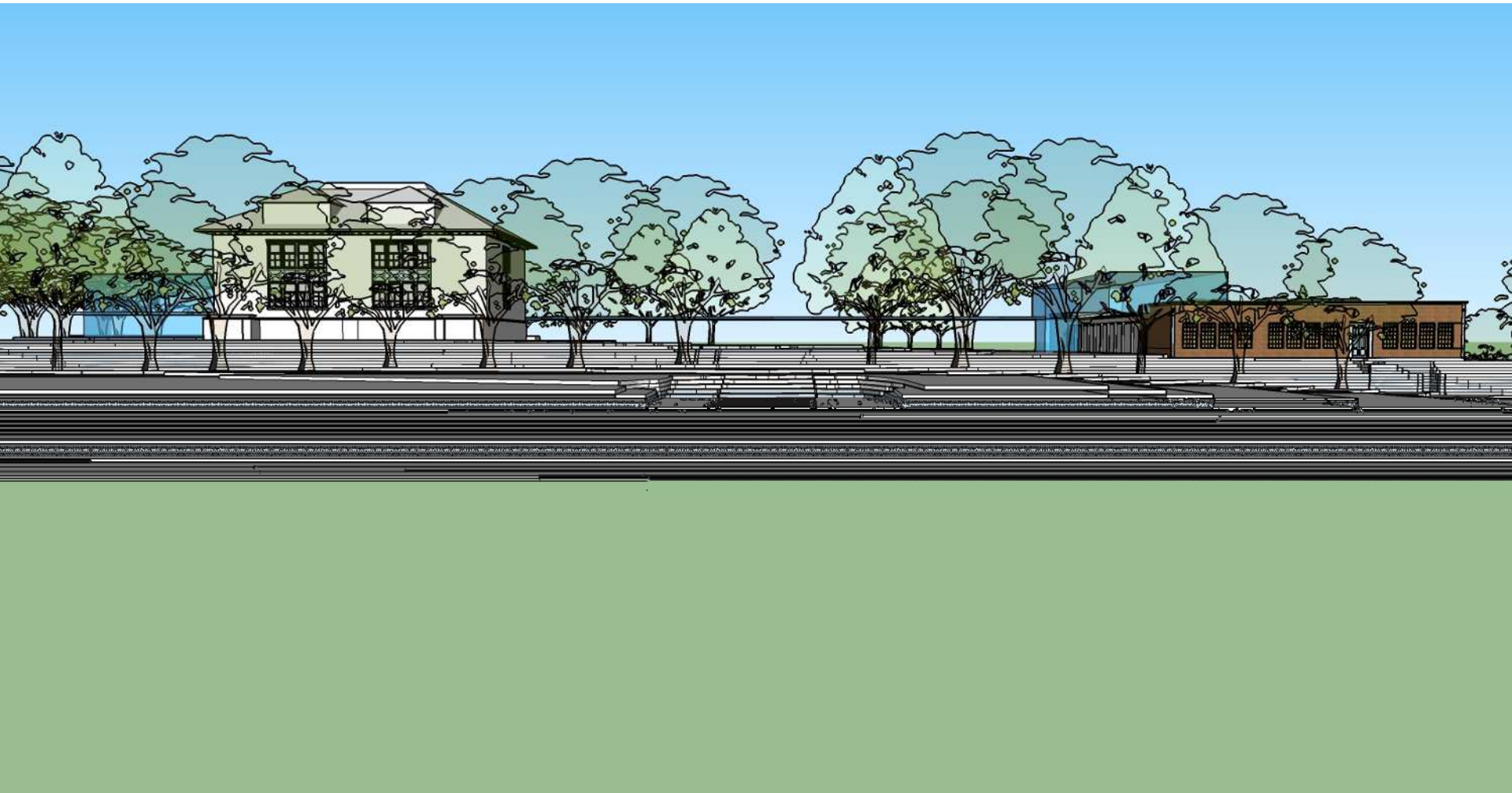
Scheme 03



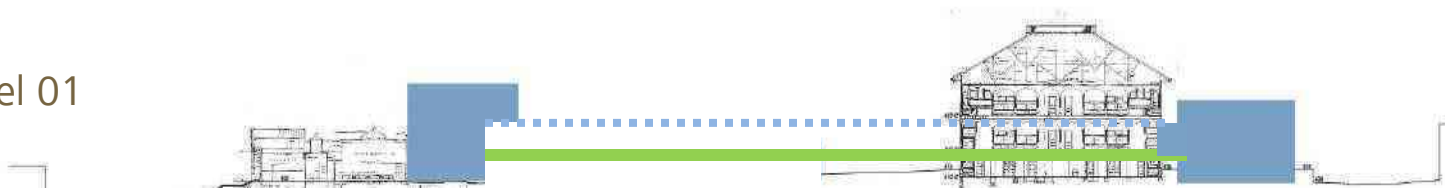
Level 01



Scheme 03



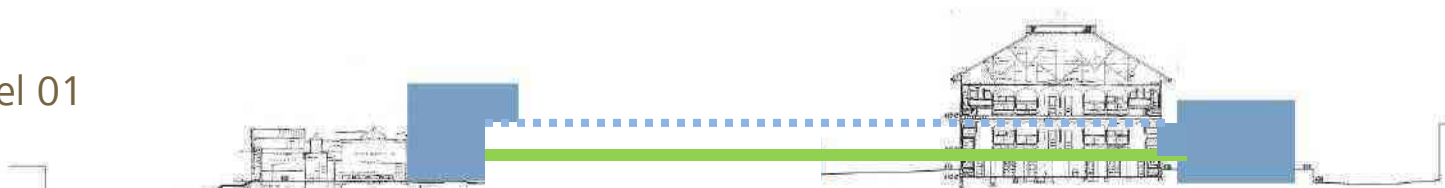
Level 01



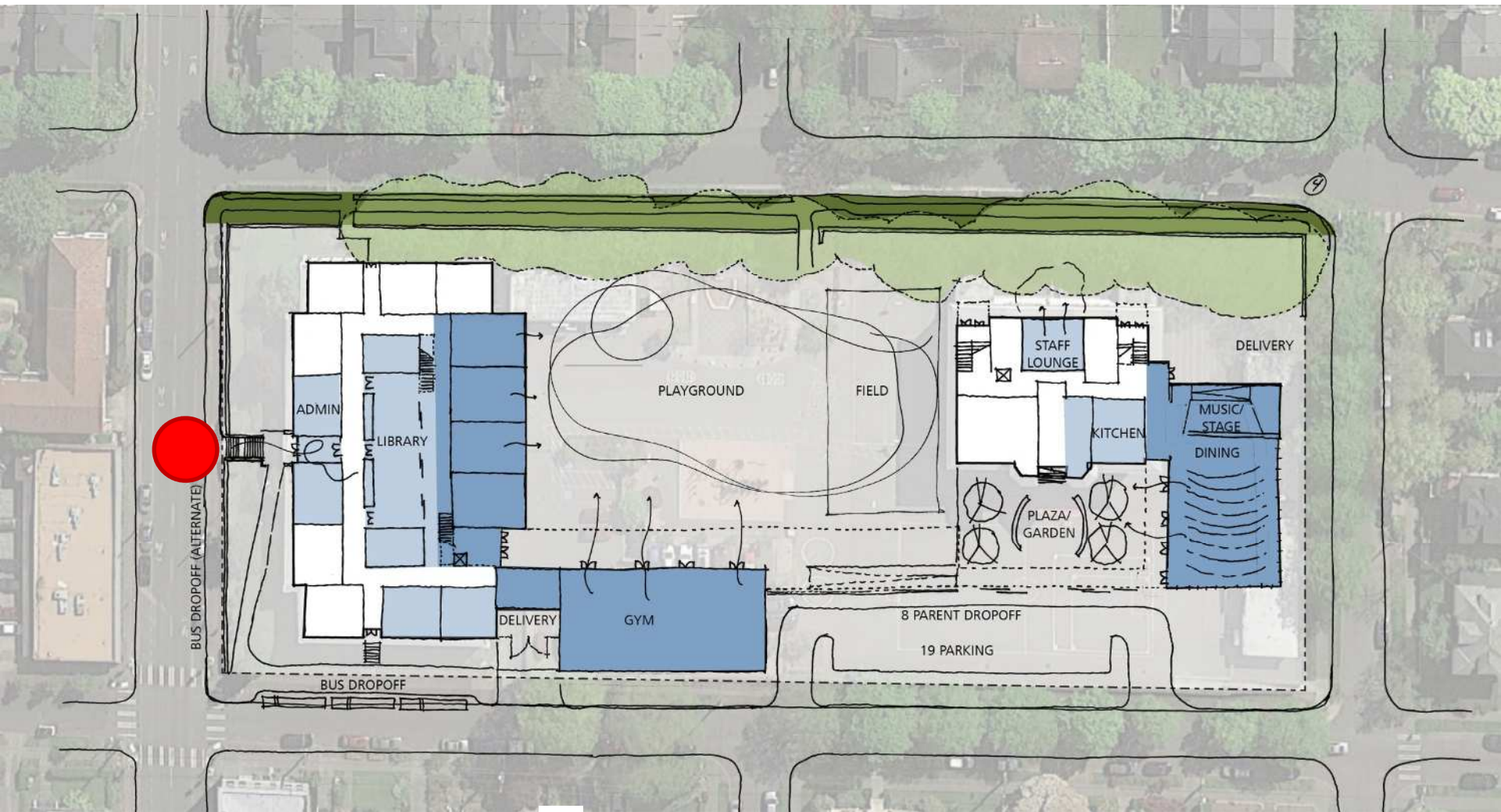
Scheme 03



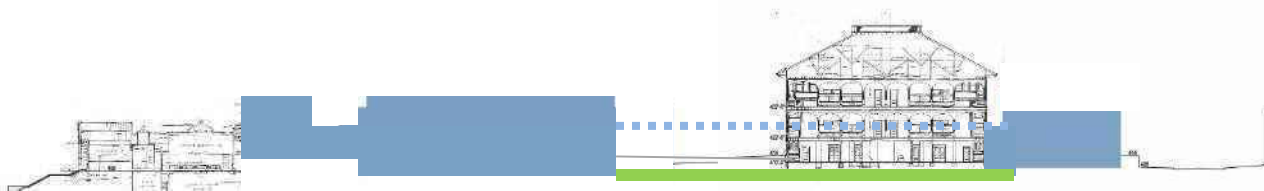
Level 01



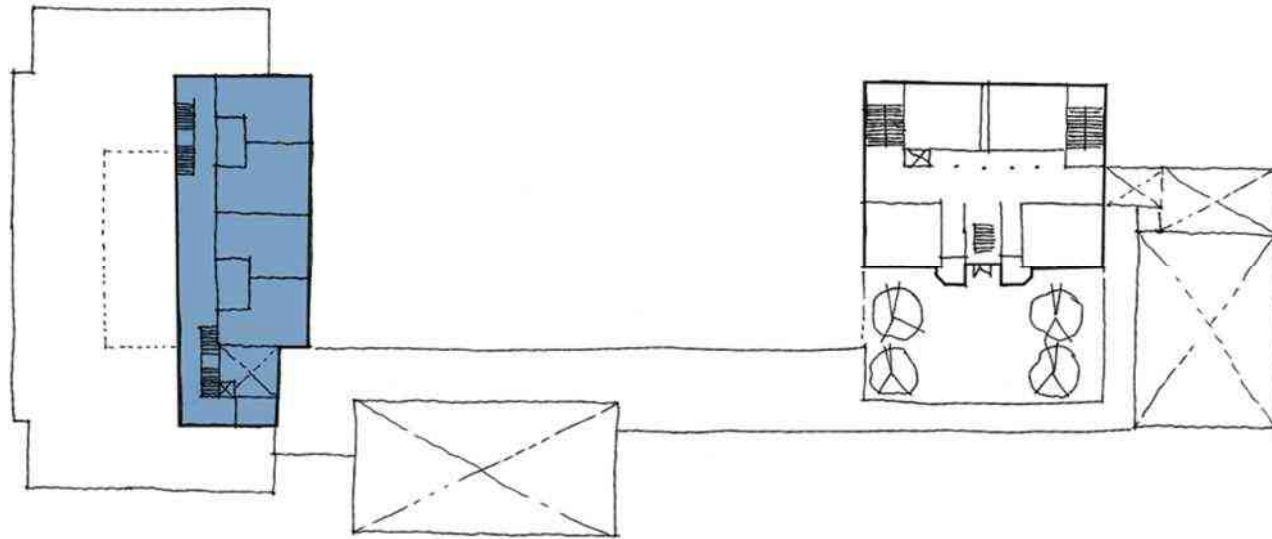
Scheme 04



Level 01



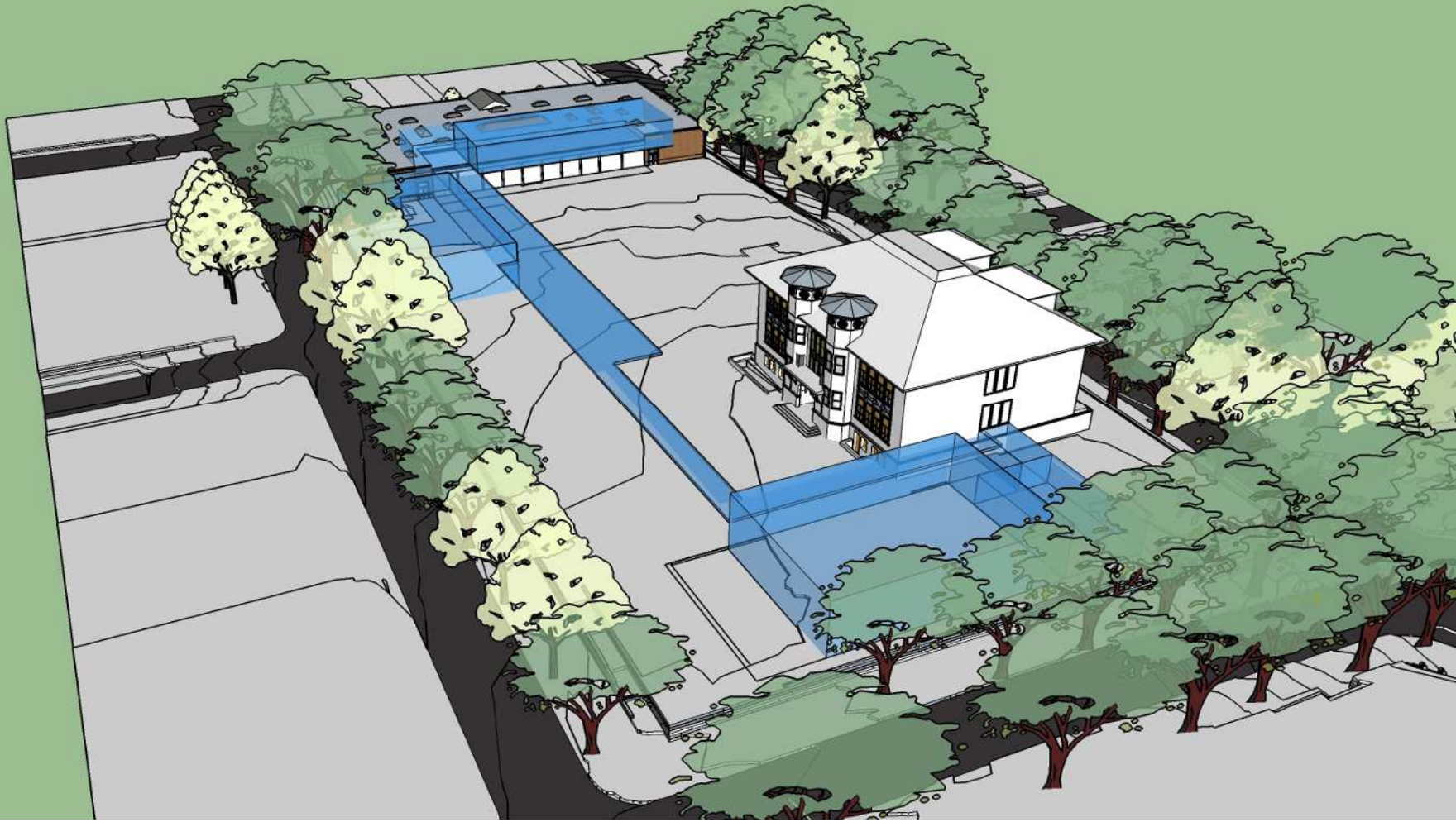
Scheme 04 :: Second Floor



Level 02



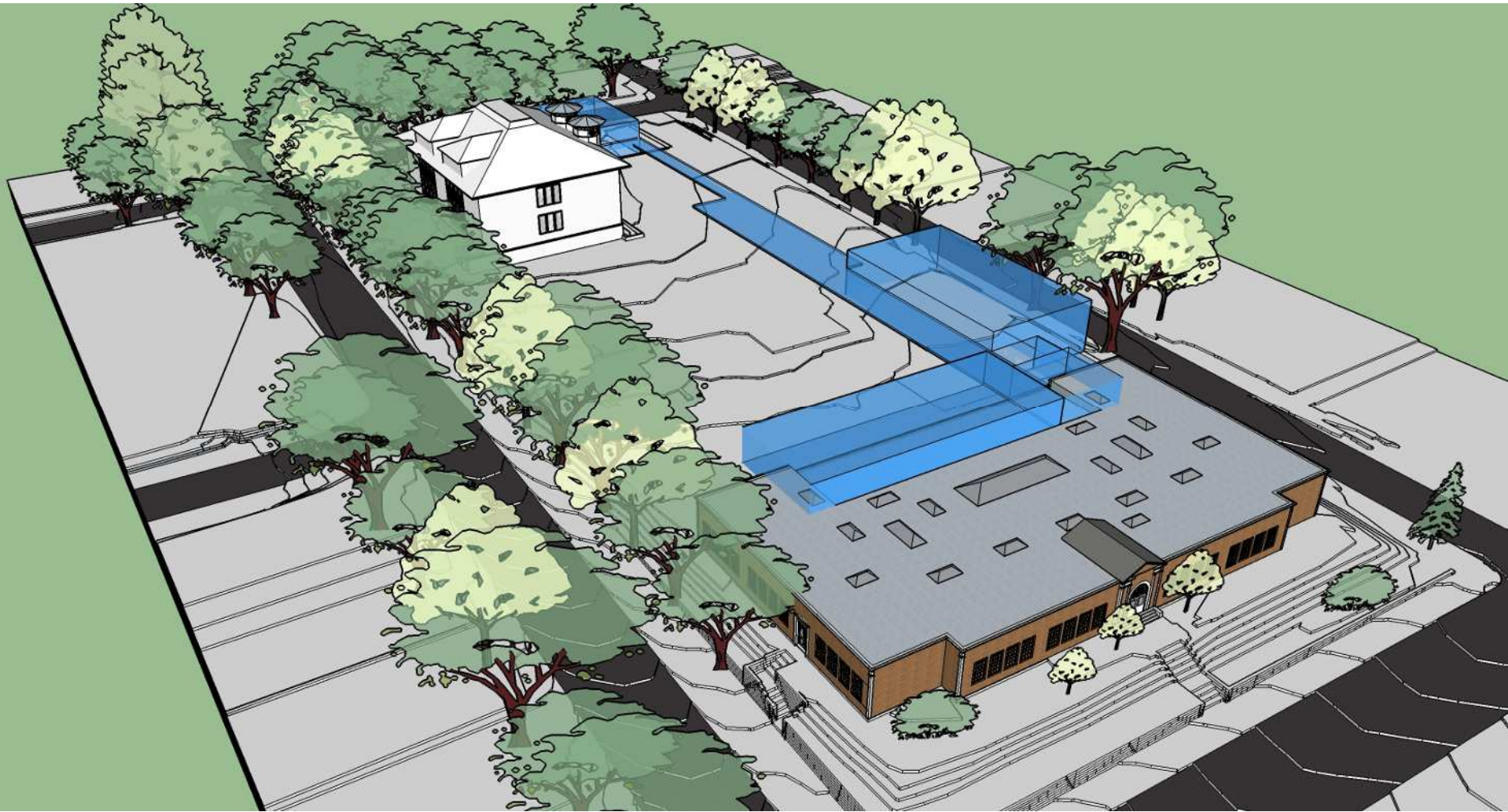
Scheme 04



Level 01



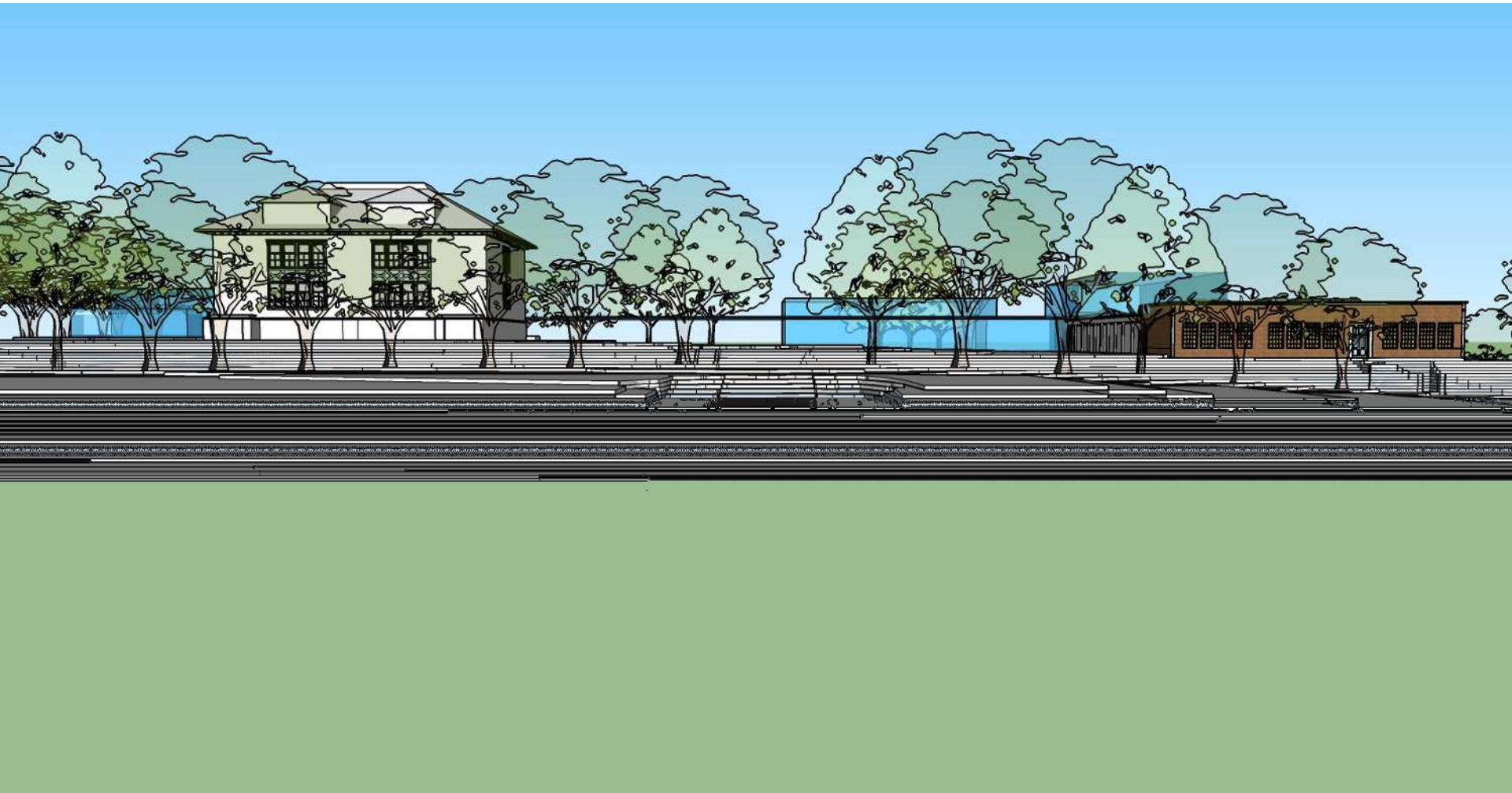
Scheme 04



Level 01



Scheme 04



Level 01



Scheme 04



Level 01



Next Steps