

Crown High School

**Community
Work Session #1**

October 28, 2021

Virtual Meeting Protocol

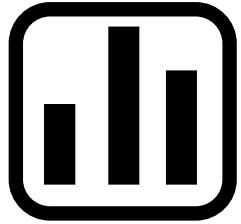
「●REC」 This meeting is being recorded.

Hover over the bottom of the screen to access the menu below



Use 'Q & A' for all questions & comments. Responses to unanswered questions will be posted to the MCPS project website

Virtual Meeting Protocol



Let us know who's here:
Provide Your Affiliation
(Cluster, Resident, etc.)

A screenshot of a Microsoft Forms poll window titled "Polls". The poll is titled "Poll #1" and contains one question: "1. Provide Affiliation (Multiple Choice) *". The question has ten options, each with an unchecked checkbox: "Gaithersburg High School Cluster (Parent or Student)", "Northwest High School Cluster (Parent or Student)", "Quince Orchard High School Cluster (Parent or Student)", "Thomas Wootton High School Cluster (Parent or Student)", "Richard Montgomery High School Cluster (Parent or Student)", "Other Cluster (Parent or Student)", "School Based Staff (Administration, Instruction, Other)", "Local Resident", "Business Owner", and "Montgomery County Government". At the bottom left of the poll, it says "0 of 1 answered". At the bottom right, there is a "Submit" button. Below the poll, there is a link that says "Who can see your responses?".

0 of 1 answered Submit

[Who can see your responses?](#)

Engaging Community – Who's Here

- MCPS Leadership
- Design Team
- 14 City of Gaithersburg HOA's
- Crown Community + Surrounding Neighborhoods
- Families from the Following Clusters:
 - Gaithersburg HS
 - Northwest HS
 - Quince Orchard HS
 - Thomas Wootton HS
 - Richard Montgomery HS



Engaging Community – It's About...

- Being Asked
- Being Informed
- Proposing Solutions
- Making Recommendations
- Supporting Quality Public Education

The boundary study will not be discussed during this meeting



Agenda

1. Community Work Sessions

- a. schedule
- b. project communications

2. Introductions

- a. meet your team
- b. project background
- c. project schedule

3. Educational Specs

- a. instructional vision
- b. instructional program
- c. drivers of school design

4. Crown High School Site

- a. location
- b. site design criteria
- c. preliminary site concepts

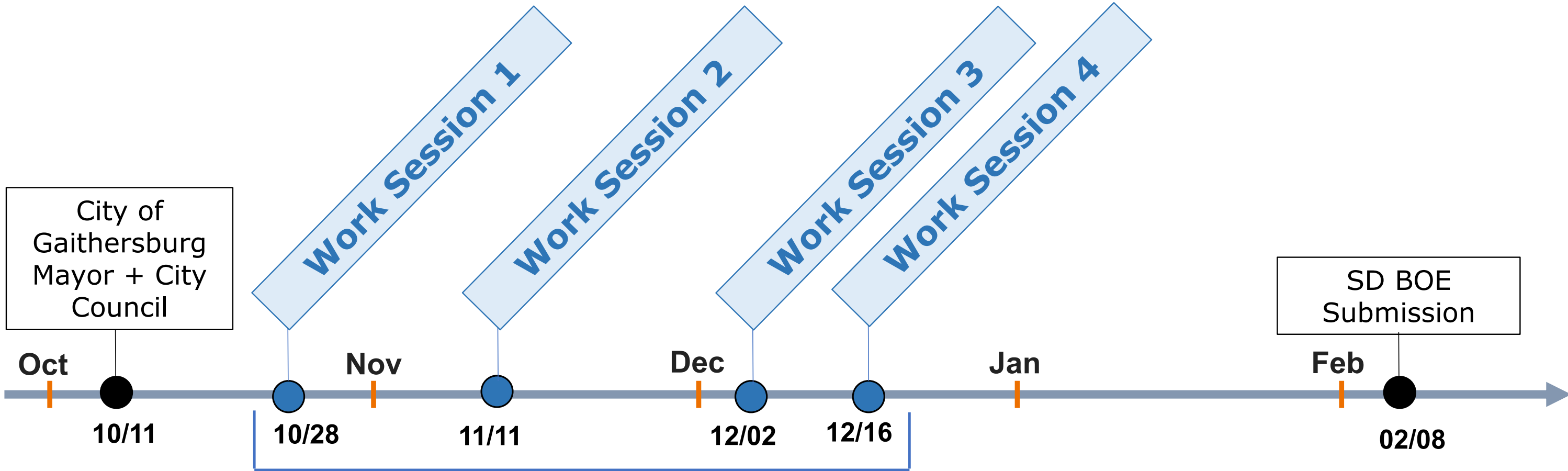
5. Q & A

6. Adjourn

1. COMMUNITY WORK SESSIONS



Community Work Session Schedule



**4 Community Work Sessions:
6:30pm – 8:00pm**

Project Communications

MCPS Point of Contact:

Mr. Rob Badstibner:

[Robbie S Badstibner@mcpsmd.org](mailto:Robbie_S_Badstibner@mcpsmd.org)

240.314.1018

Meeting Notifications:

- Postcard Mailers
- MCPS Connect-ED

MCPS Crown High School Website:

<https://www.montgomeryschoolsmd.org/departments/facilities/construction/project/crownhs.aspx>

The screenshot displays the website for the Crown Farm High School project. The main navigation menu includes: DESIGN AND CONSTRUCTION, CAPITAL IMPROVEMENTS PROGRAM (CIP), PROJECT INFORMATION, STUDIES, PUBLICATIONS, MORE ABOUT US, CONTRACTOR INFORMATION, and FACILITIES MANAGEMENT. A sidebar on the left features a 'New Project 10/16/2021' announcement and a 'Crown Farm High' section with an aerial view of the site. The main content area is titled 'CROWN HIGH SCHOOL NEW BUILDING' and provides the address: 9410 Fields Road, Gaithersburg, 20878. It lists the Contractor as Keller Construction Management and the Architect as Santec Architecture. The MCPS Construction Contact is identified as Rob Badstibner, with email Robbie_S_Badstibner@mcpsmd.org and phone 240-314-1018. A 'MEETING INFORMATION' tab is active, showing a list of 'Upcoming Comm' meetings. A yellow callout box highlights 'SCHEDULED MEETINGS ARE SHOWN HERE'. The meeting list includes: Work Session #1 (Thursday, October 28, 2021, 6:30pm), Work Session #2 (Thursday, November 11, 2021, 6:30pm), Work Session #3 (Thursday, December 2, 2021, 6:30pm), and Work Session #4 (Thursday, December 16, 2021, 6:30pm). Below the list is 'Video Conference Call Information' for Microsoft Teams and audio-only options.

2. INTRODUCTIONS



Meet Your Team - MCPS

**Department of
Facilities Management**

Seth Adams

Director II

**Division of
Capital Planning and
Real Estate**

Adrienne Karamihas

Dir. of Capital Planning

DJ Connelly

Senior Planner

**Division of
Design and Construction**

Gary Mosesman

Director

Seth Feriano

Team Leader, Bus. and Ops.

Dennis Cross

Facilities Manager

Robbie Badstibner

School Facilities Program Mgr.

**Department of College +
Career Readiness +
Districtwide Programs**

Scott Murphy

Director II

**Career and
Post Secondary
Partnerships**

Genevieve Floyd

Supervisor

Meet Your Team - MCPS

MCPS School-Based Design Committee

- **Principals**
- **Assistant Principals**
- **School Business Administrators**
- **Teachers / Specialists**
- **Staff with various educational backgrounds**

Meet Your Team - Architect



Stantec Architecture, Inc.



Derk Jeffrey
Principal



Matt Waguespack
Sr. Project Manager



Jasmin McDuffie
Sr. Project Architect



Wilfredo Rodriguez
Sr. Designer



Haidi Liu
Project Designer

Meet Your Team - Consultants

Civil Engineer + Landscape

Clark|Azar & Assoc.



Structural Engineer

Silman



MEP + FP Engineer

**James Posey
& Assoc.**



Acoustic + Technology

Polysonics



Food Service Design

Nyikos Garcia



Sustainability

**Sustainable
Design
Consulting**

Meet Your Team - Construction

**Keller Construction
Management**

Steve Sherman

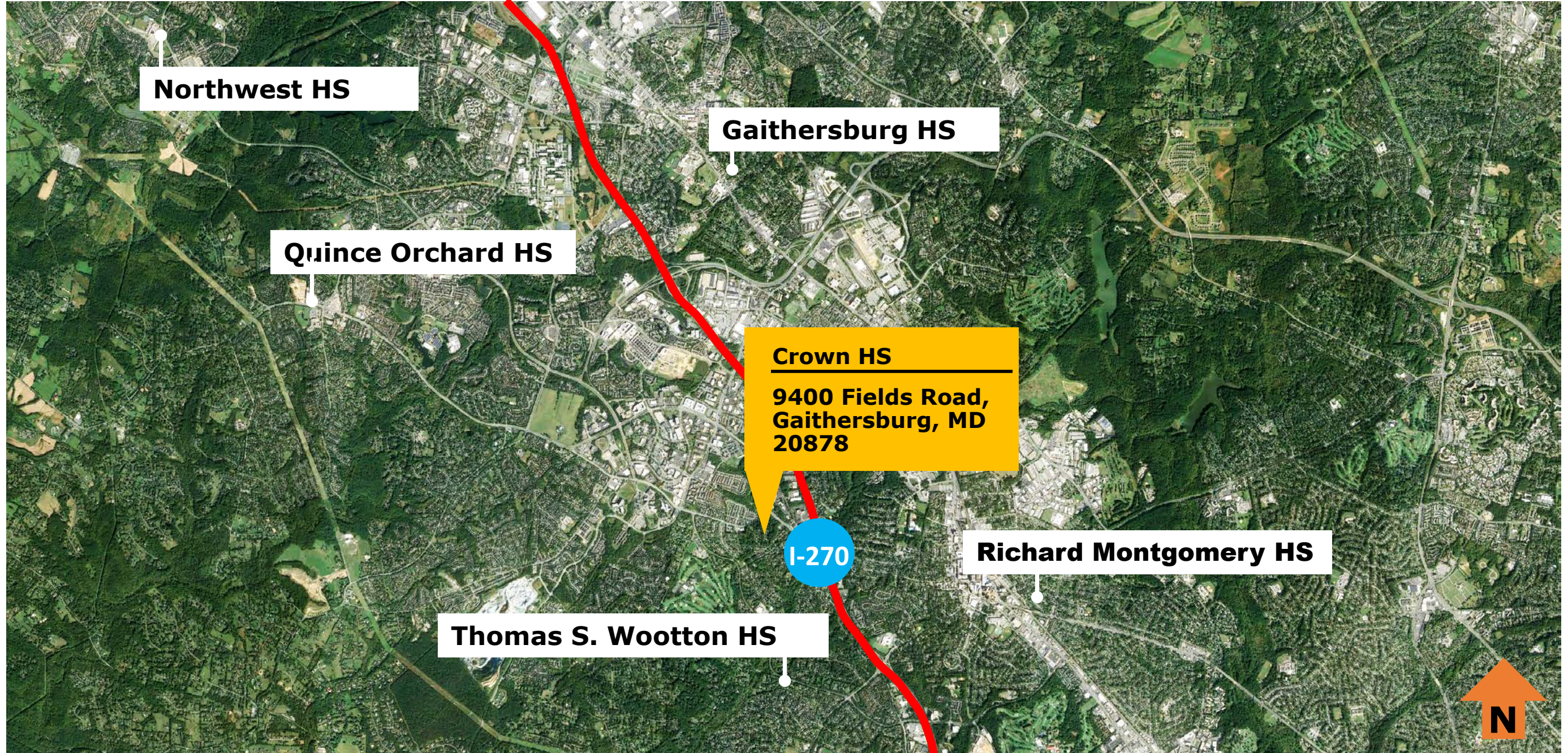
Project Executive

David Tremblay

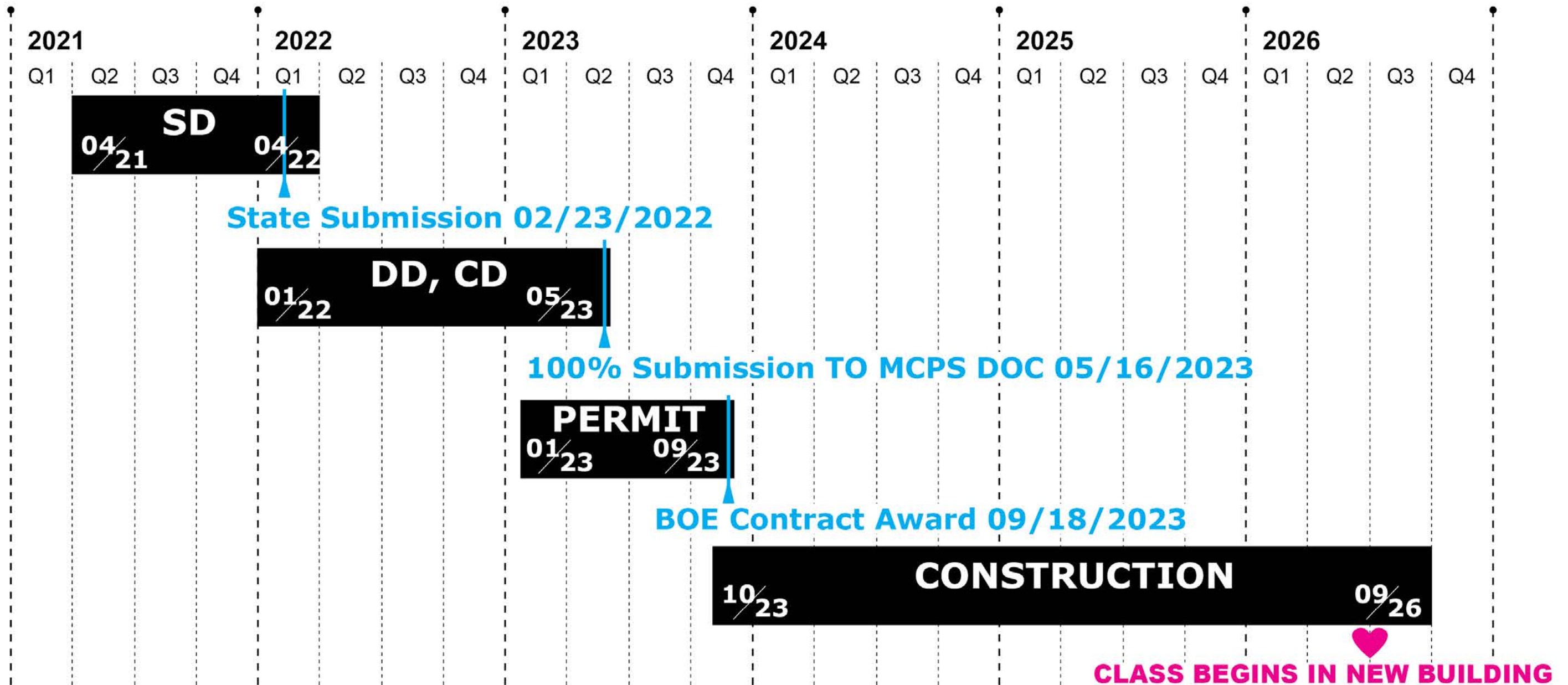
Dir. Of Project Development



Project Background



Project Schedule



3. EDUCATIONAL SPECS



Instructional Vision

capacity

2,201

students

building area

325,000 sf

approximately

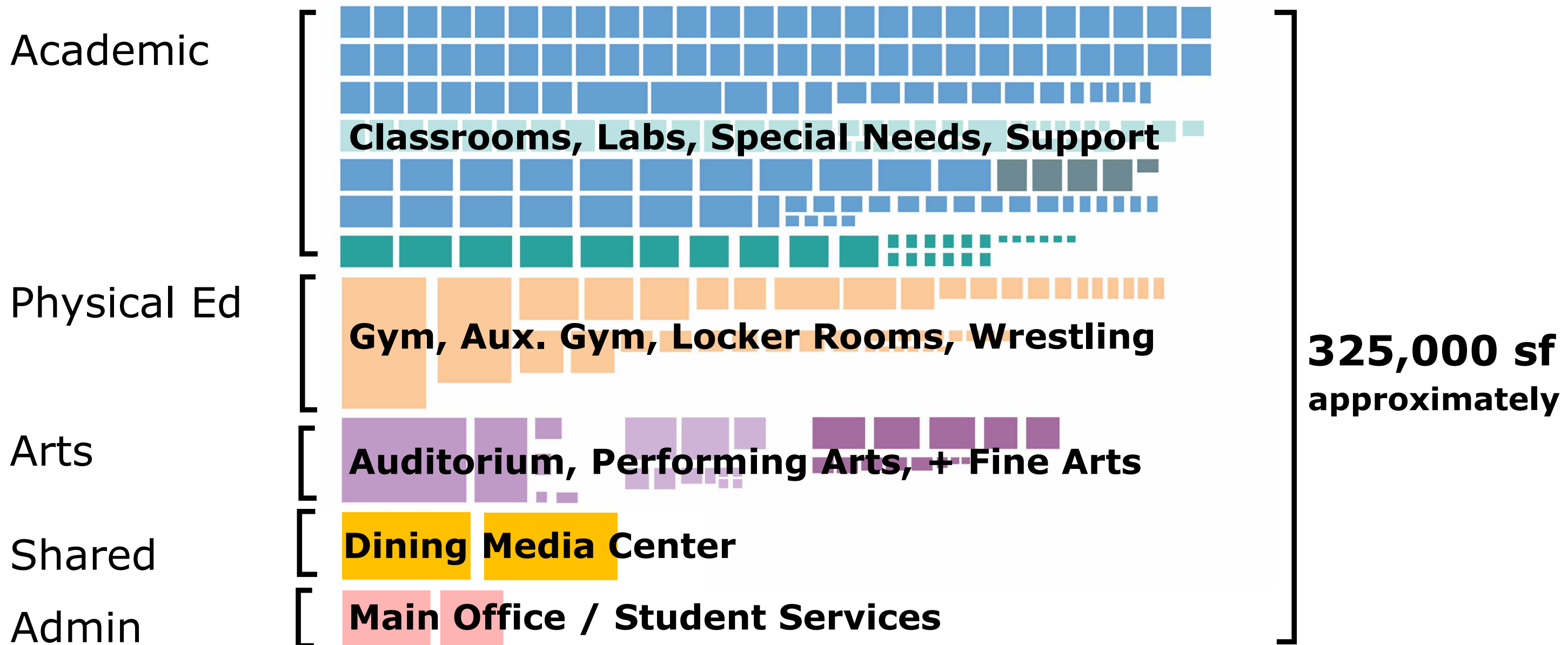
exploring
opportunities

**STEM + IT +
bioscience**

exploring
opportunities

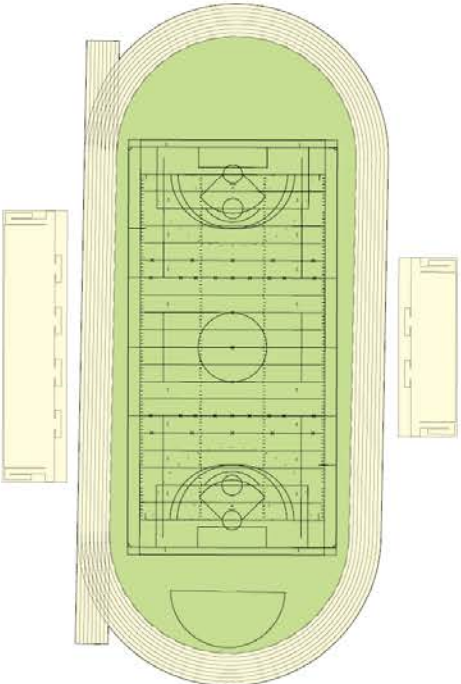
**Dual
Enrollment**

Building Space Program

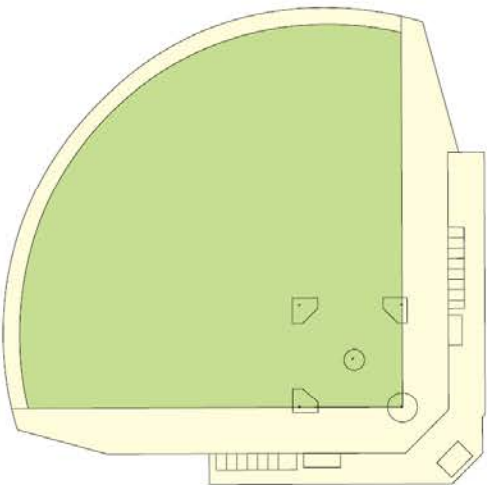


Site Program

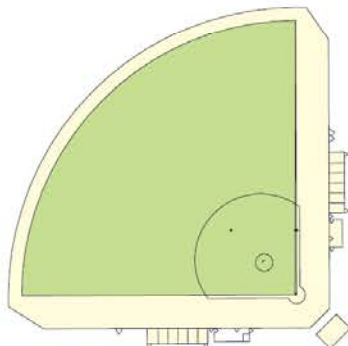
- Stadium
- Baseball
- Softball
- Tennis Courts



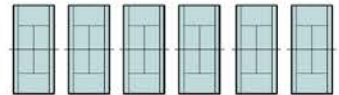
STADIUM FIELD
(ARTIFICIAL TURF)



BASEBALL



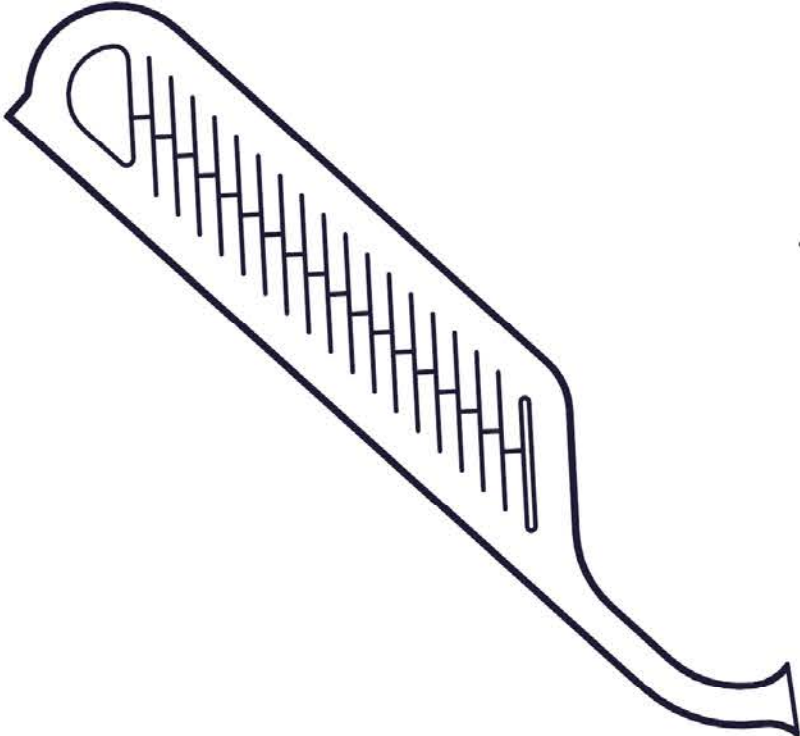
SOFTBALL



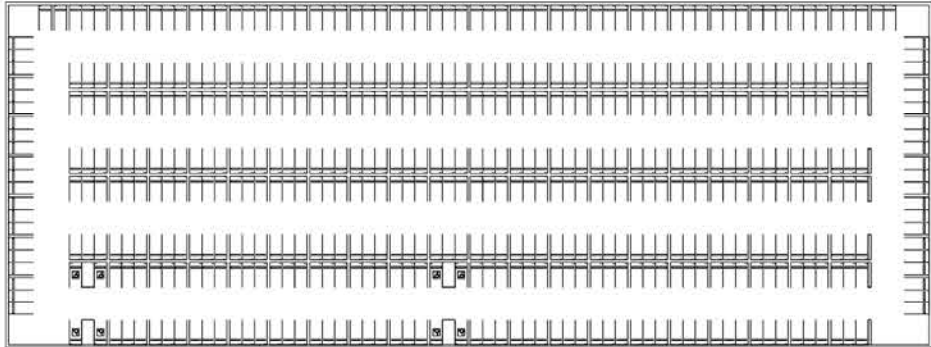
TENNIS

Site Program

- Approx. Parking 400-450 cars
- Approx. 35-40 buses



BUS LOADING



PARKING

Drivers of School Design

safety



community connections



flexibility

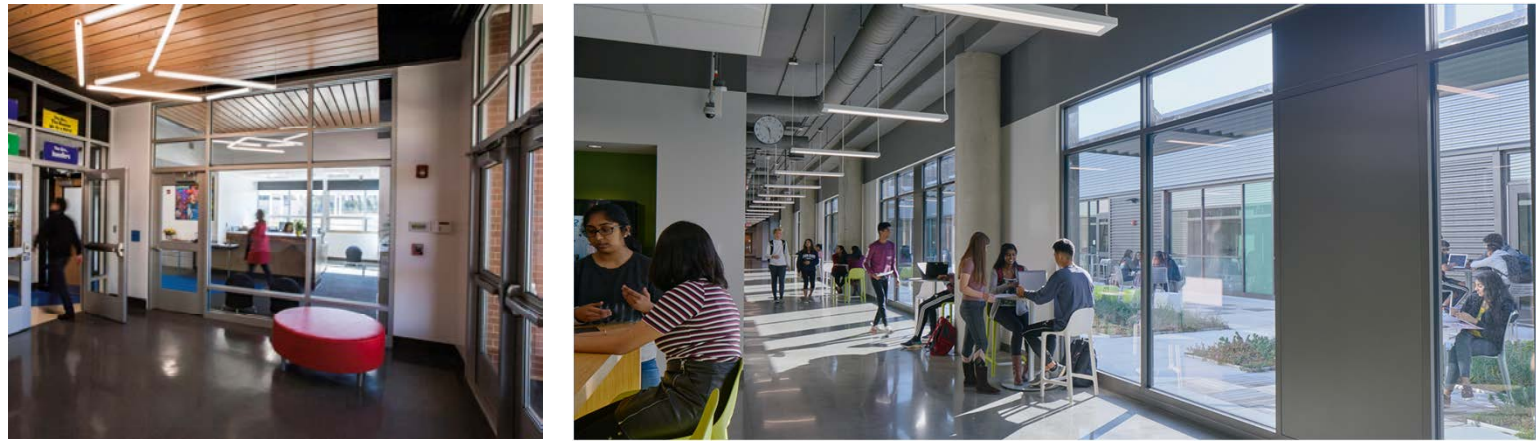


sustainability



Drivers of School Design

safety



- Access Control Systems
- Building Surveillance
- Intrusion Detection
- Accessibility
- Visibility and Supervision
- Wayfinding



Drivers of School Design

community
connections



- Community Use After Hours
 - Sport Events
 - Job Fairs
 - Worship
 - Student / Youth Org.
 - Performances
 - Etc.

Drivers of School Design

flexibility



- Flexible in the moment, adaptable over Time
- Collaborative
- Indoor & Outdoor
- Variety of Learning Spaces
- Movable Furniture
- Accessibility



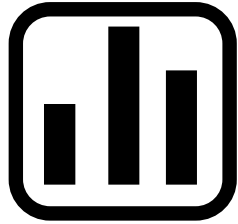
Drivers of School Design

sustainability



- Green Globes Certification
- Optimal Solar Orientation
- Efficient Envelope
- Maximize Daylighting
- Energy Efficient Systems
- Stormwater Management

Virtual Meeting Protocol



Let us know who's here:
Provide Your Affiliation
(Cluster, Resident, etc.)

Microsoft Teams Polls window titled "Polls".

Poll #2

1. Provide Affiliation (Multiple Choice) *

- Gaithersburg High School Cluster (Parent or Student)
- Northwest High School Cluster (Parent or Student)
- Quince Orchard High School Cluster (Parent or Student)
- Thomas Wootton High School Cluster (Parent or Student)
- Richard Montgomery High School Cluster (Parent or Student)
- Other Cluster (Parent or Student)
- School Based Staff (Administration, Instruction, Other)
- Local Resident
- Business Owner
- Montgomery County Government

0 of 1 answered Submit

Who can see your responses?

4. CROWN HIGH SCHOOL SITE



Site Design Criteria:

**principles
of new
urbanism**

**site
context**

**circulation
+
point of
access**

**solar
orientation**

**site
program**

topography

Principles of New Urbanism

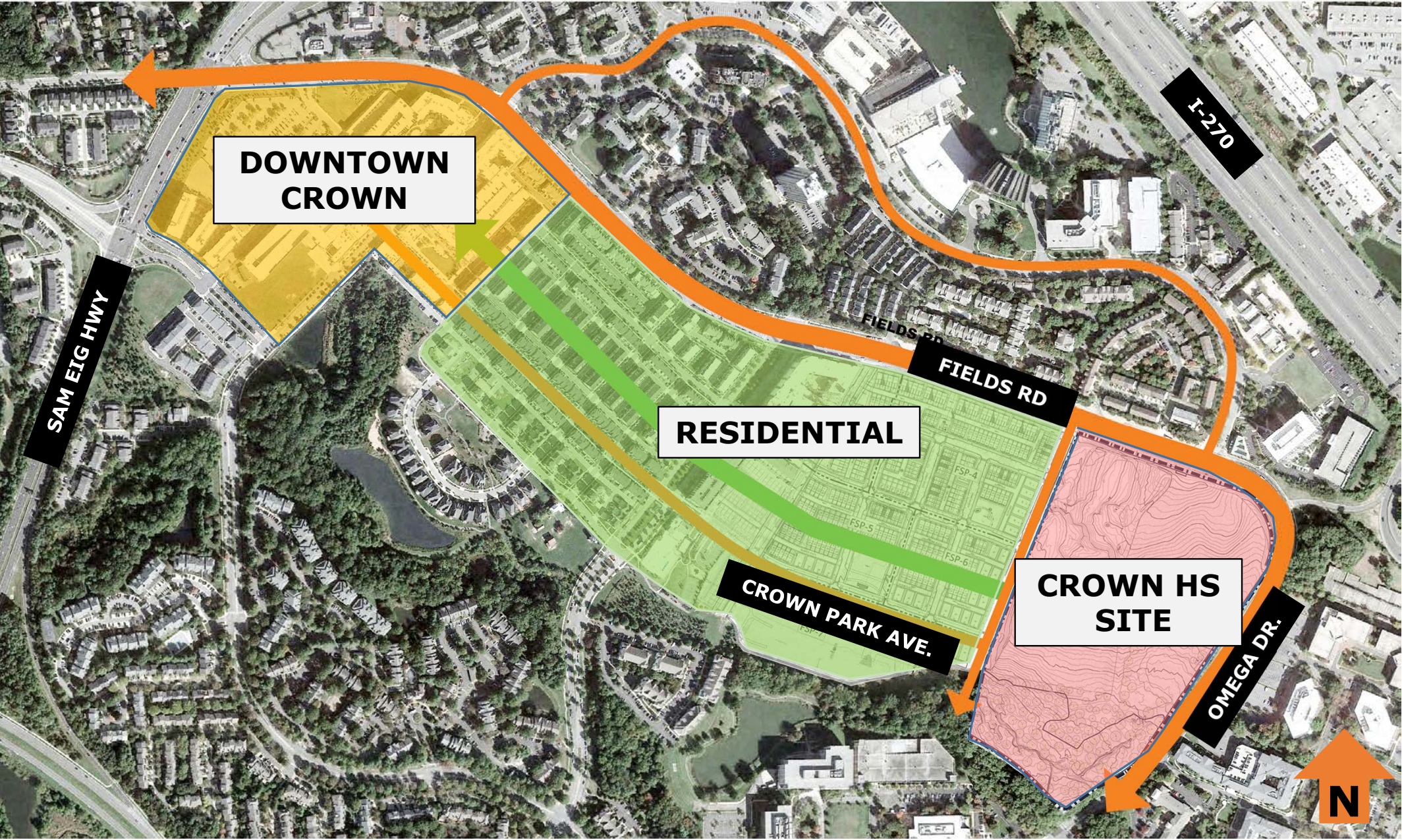
EMPHASIS ON CREATING A "SENSE OF PLACE"

- Urban Design
- Mixed Use
- Density
- Diversity
- Walkability
- Sustainability
- Quality Architecture
- Quality of Life



Kentlands, MD

Site Context – Crown Farm Community



Site Context – Downtown Crown



Site Context – Residential



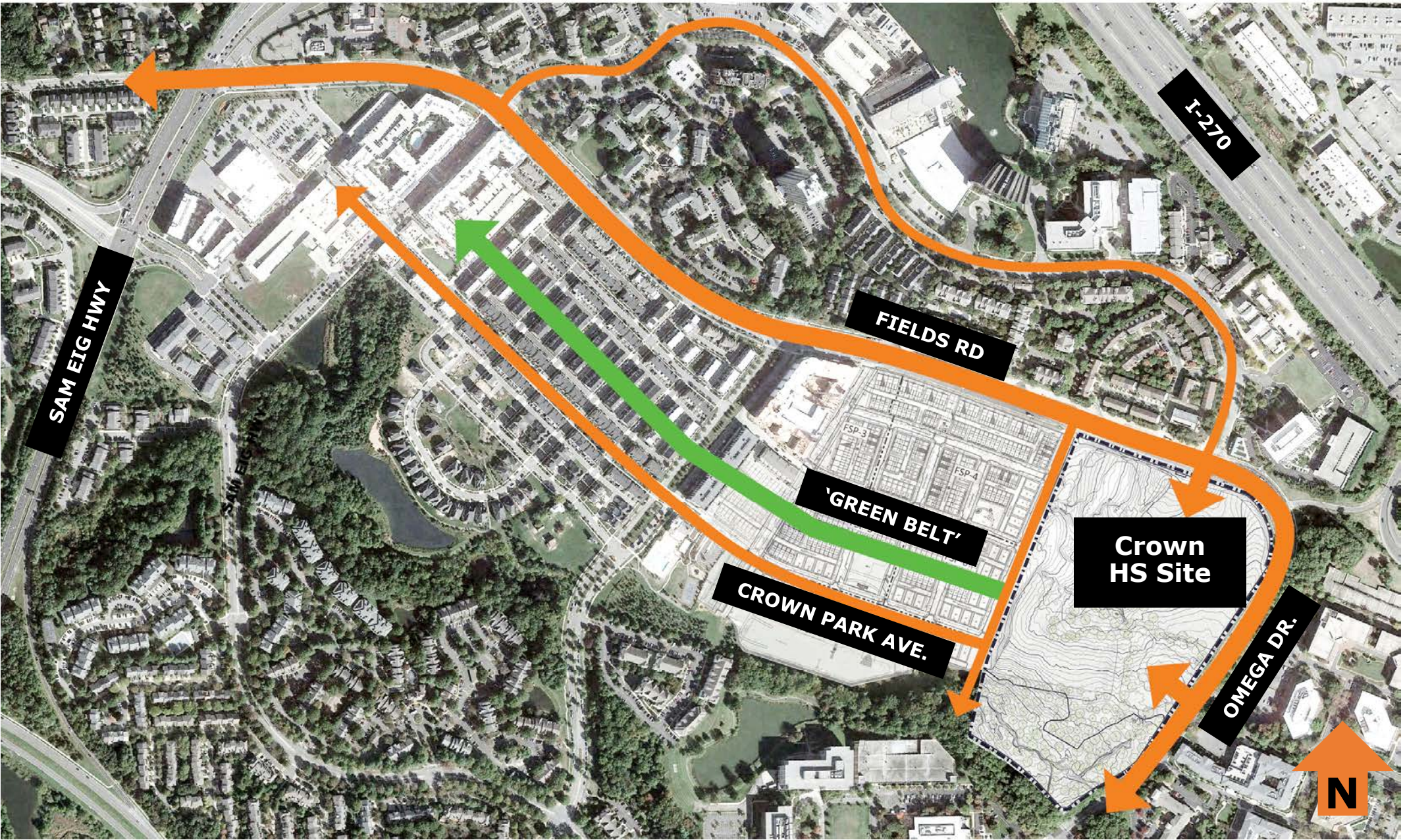
Site Context: Residential



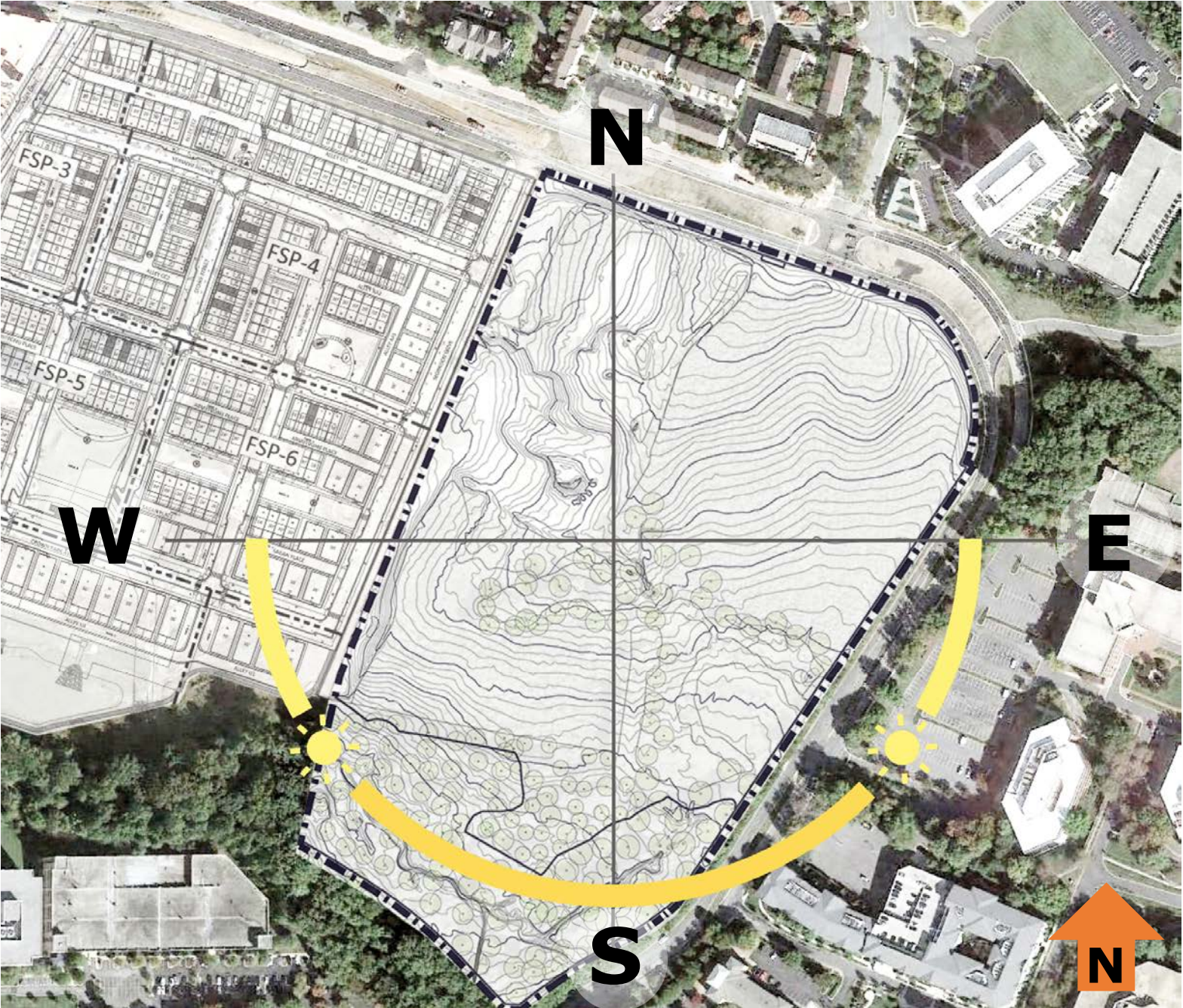
Site Context: Crown HS Site




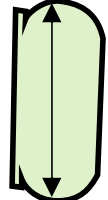
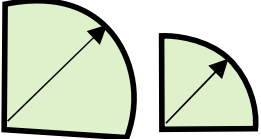
Circulation + Points of Access



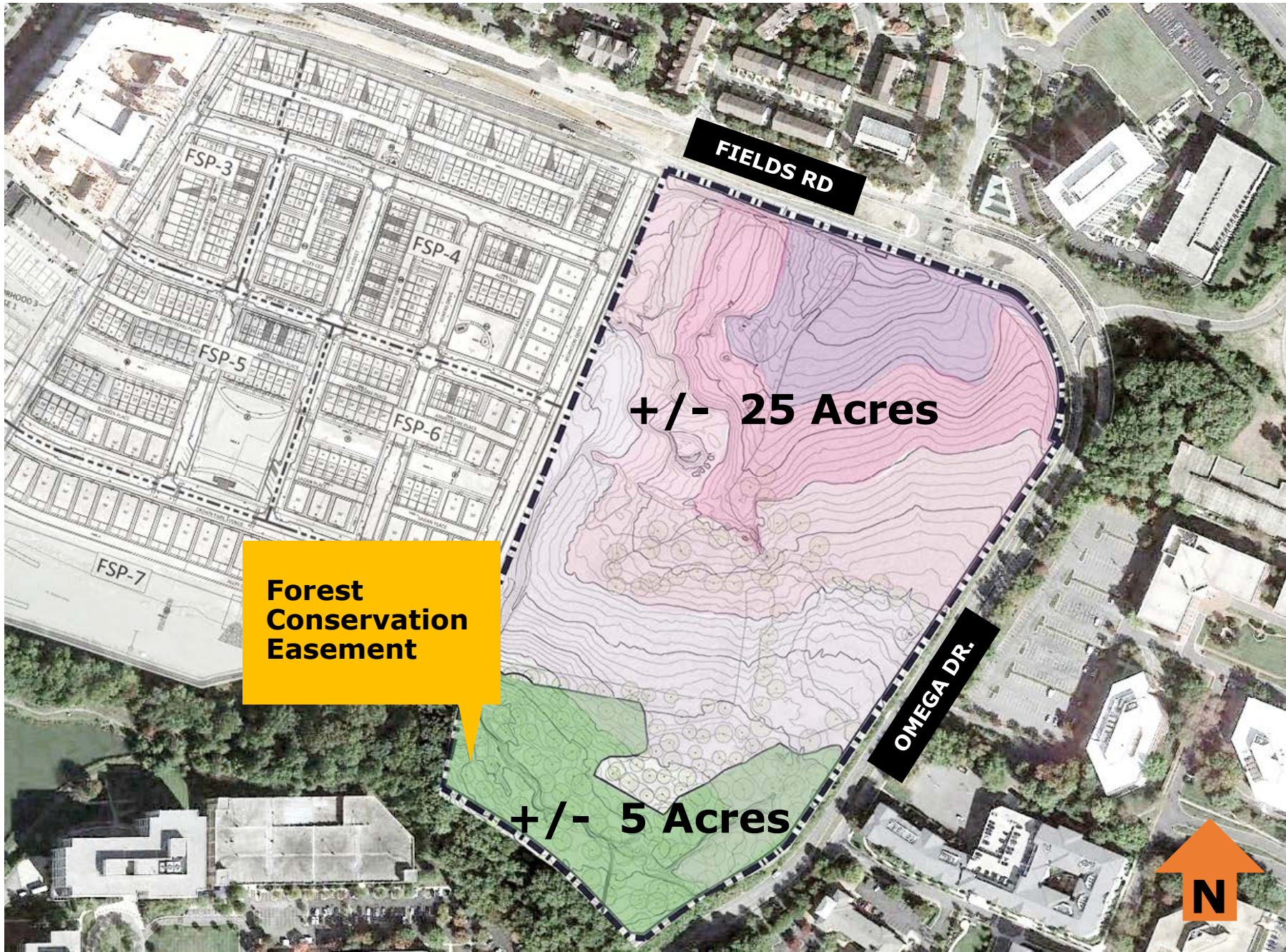
Solar Orientation



Optimum Solar Orientation

- Building: 
East-West
- Stadium: 
North-South
- Baseball / Softball: 
Southwest- Northeast
- Tennis: 
North-South

Topography



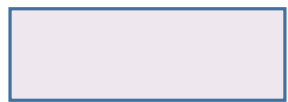
HIGHEST ELEVATION
Elevation 490 - 480



Elevation 480-470



Elevation 470-460

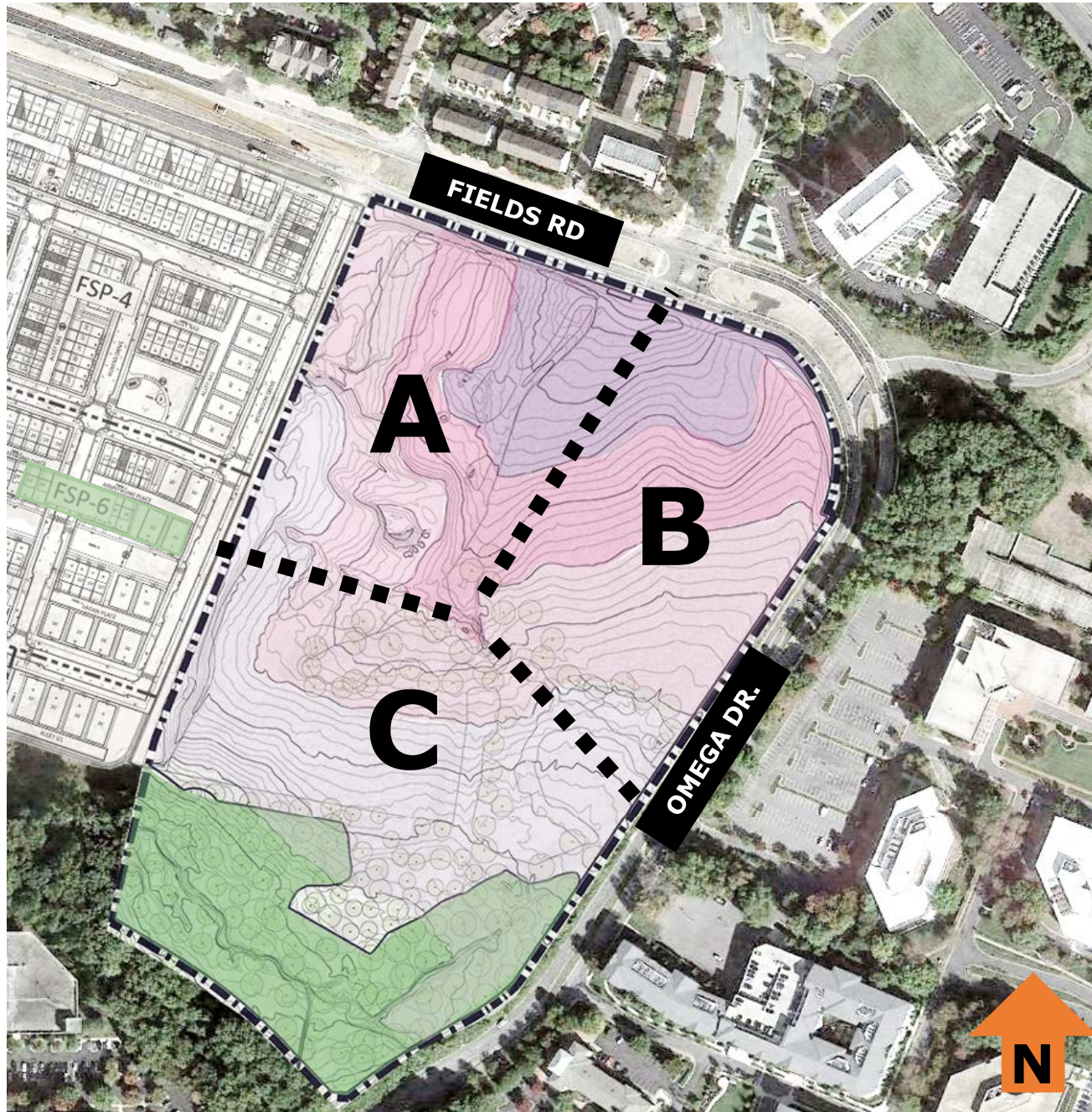


LOWEST ELEVATION
Elevation 460 - 450

Topography



Site Planning



Zone A:

- Most Prominent Location
- Strong Visible, Physical Connection to Community
- Slopes in Multiple Directions

Zone B:

- Most Remote from Community
- Adjacent to Commercial Office Park
- Highest Relative Elevation

Zone C:

- Closest to Forest Conservation Easement
- Flattest Relative Elevation
- Lowest Point of the Site

Preliminary Design Concepts:



OPTION 1



OPTION 2

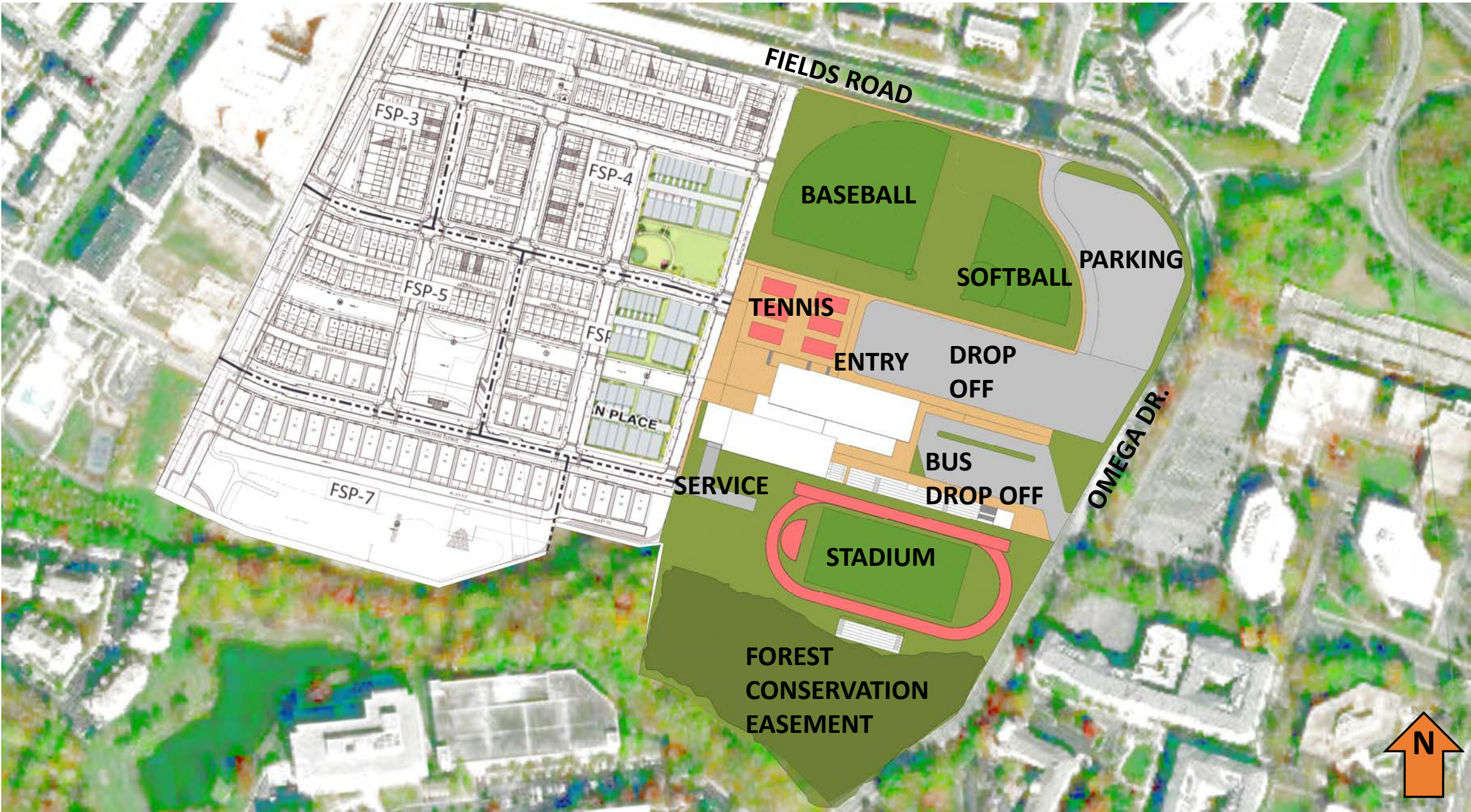


OPTION 3

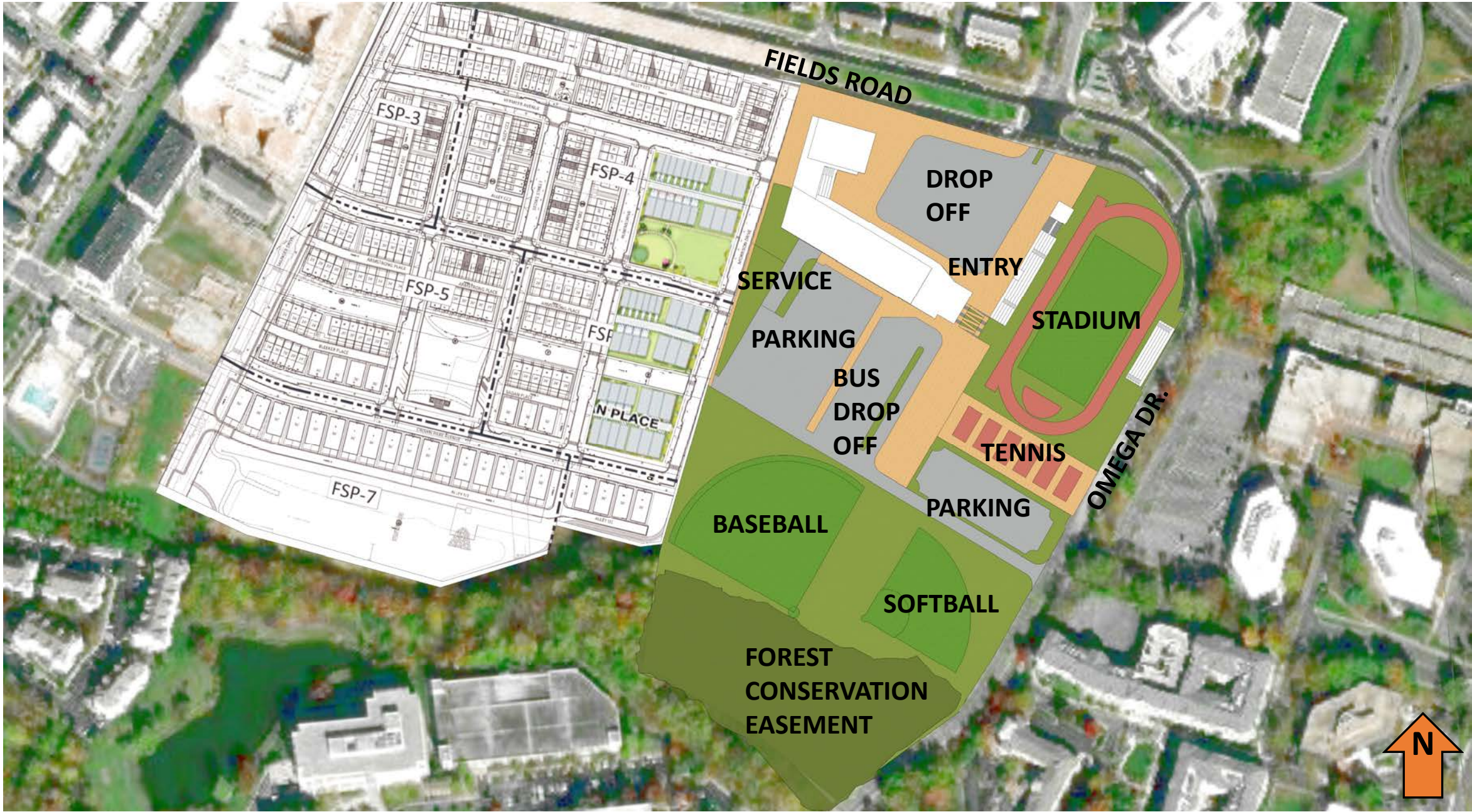
Option 1:

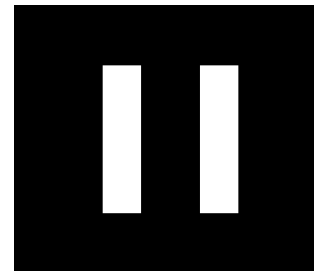


Option 2:



Option 3:





**thoughts?
questions?**

USE THE Q & A TAB

6. ADJOURN

Next Step:

Work Session#2:

November 11, 2021

6:30pm – 8:00pm

Please Refer to the MCPS Crown High School Website

<https://www.montgomeryschoolsmd.org/departments/facilities/construction/project/crownhs.aspx>