

September 22, 2022

6:00 PM

100% Design Community Meeting

Site 50-H-SE-2

Please sign in on your mobile device:
<https://communitymeeting.ocps.net/>



**Orange County
Public Schools**

Site 50-H-SE-2

100% Design Meeting Agenda

September 22, 2022, 6:00 PM

- Welcome - School Board Member Johanna López
- Introductions – Jessma Lambert, Facilities Director Construction Planning
- Project Update - Architect: Zyscovich Architects
Contractor: CORE Construction
- Rezoning Process - Jessma Lambert
- Questions and Answers
- Adjournment

ZYSCOVICH
ARCHITECTS

CORE
CONSTRUCTION

***Welcome Message from
District 2 Board Member
Johanna López***



Something exciting is on the way!



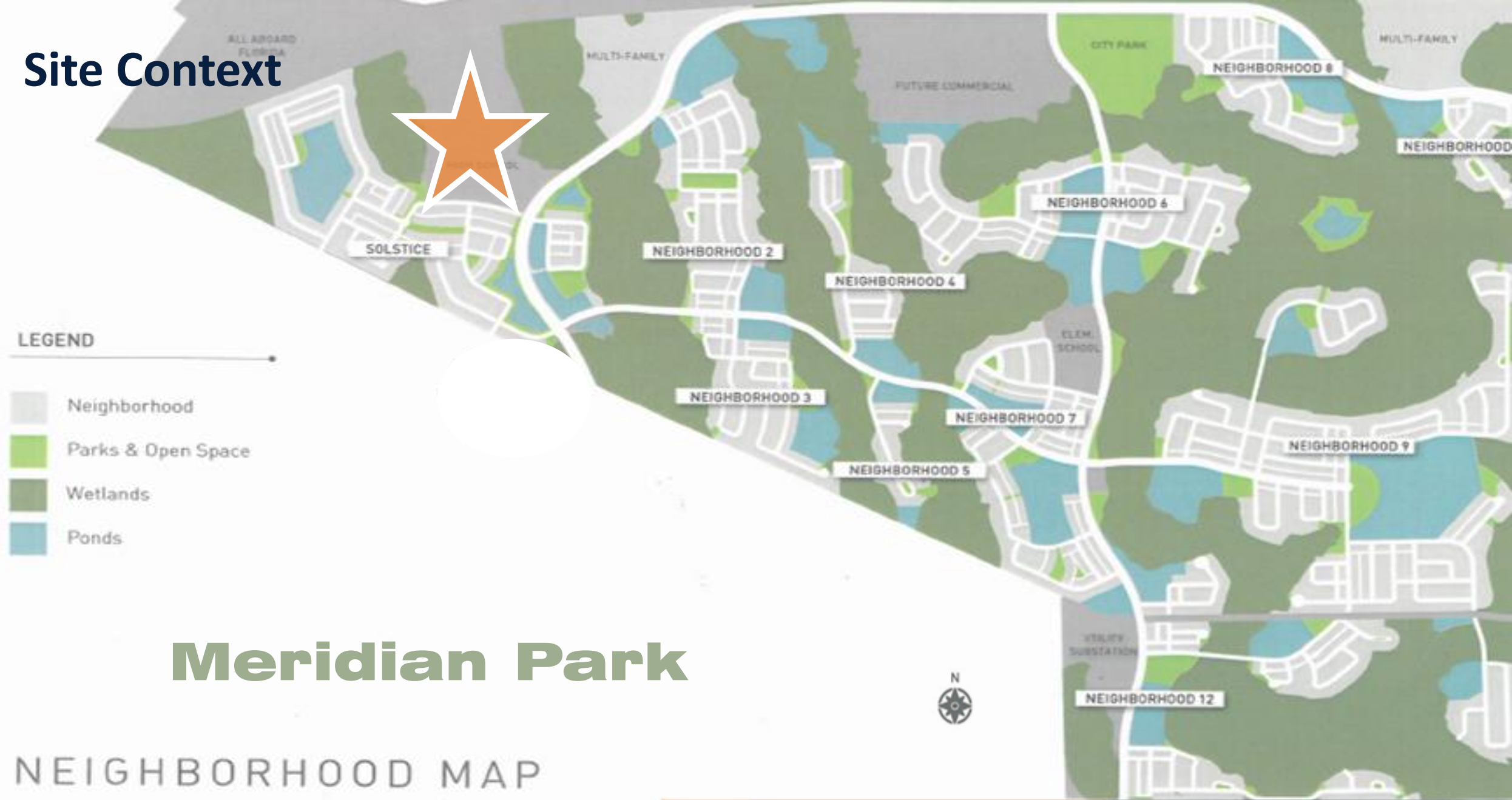
Site Location



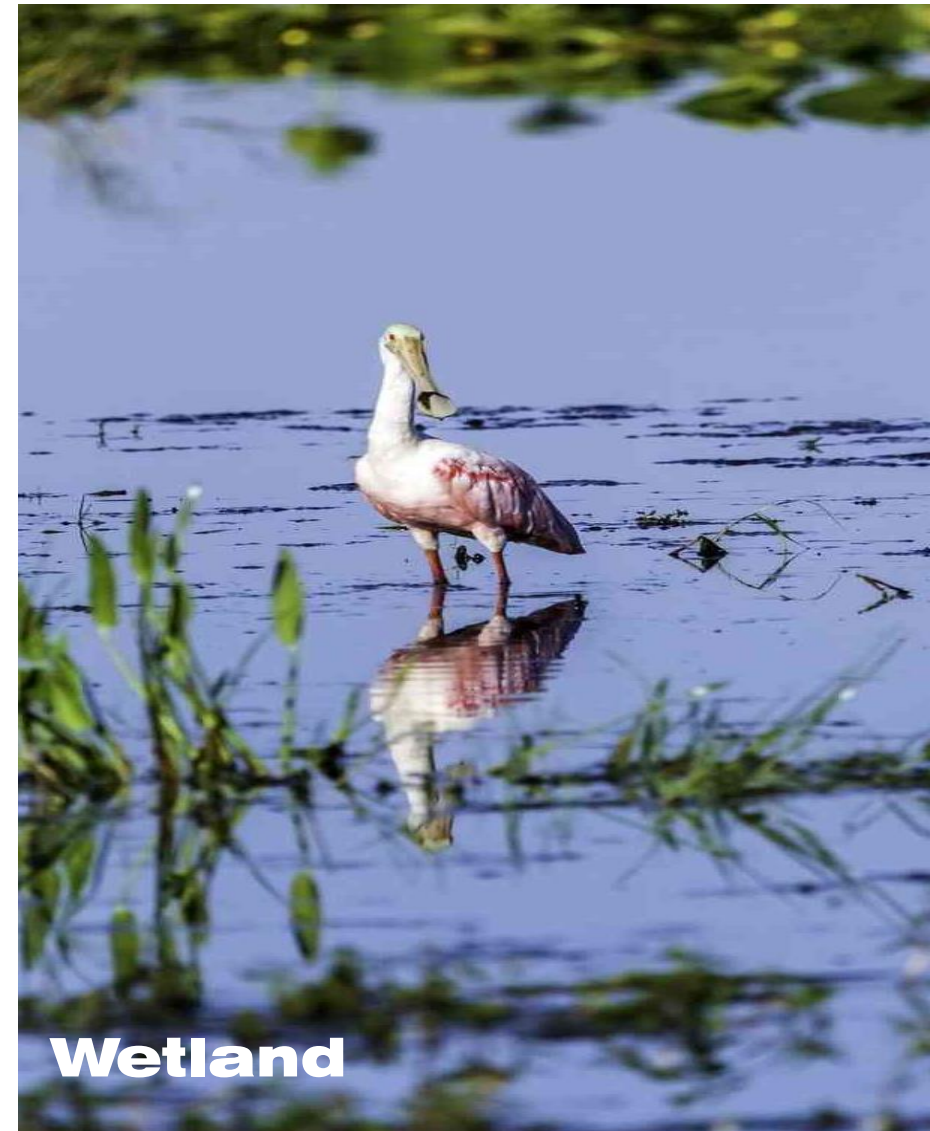
Site Aerial



Site Context



Site Context





The Stats



3,240 STUDENT CAPACITY



61.5 ACRES



\$ 120 M



OPENING 2024



Site 50-H-SE-2 School & Site Design

The new High School will be designed with:

Classrooms
Science Labs

CTE Labs

Art Labs

Performing Arts Labs

Auditorium

Gymnasium

Commons Dining

Media & Genius Bar

On-Site Football Stadium

Athletic Amenities

Car Loop & Bus Loop

Visitor Parking

Student & Teacher Parking

Secured Single Entry

Advanced Technology

Sustainable Bldg. Systems

High Energy Performance



Site 50-H-SE-2 Innovations



**21ST CENTURY
LEARNING**



**COMMUNITY BASED
SCHOOL**



SAFE & SECURE



**TECHNOLOGY
RICH**



SUSTAINABLE



**CAREER
ACADEMIES**



**HEALTH &
WELLNESS**



Site 50-H-SE-2 High School

Survey Results....

Help
Collaboration
Traffic Choices
Courtyard
Sustainability
Community **Assemblies**

Community Survey Input

Average of 85 Responses / Questions from the 10% Design Community Meeting.

1 Request: **Courtyard**

Large, Central, Open Courtyard with Seating for Outdoor Classrooms, Events, and Place for Students to Connect



2 Request: **Collaboration**

Hands-On Working Spaces for Team Activities and Community Building: Classrooms, Flex Labs, Student Union/Media, Dining Spaces; Flexible Technology; Easily Moveable Seating, Desks, Tables and Furniture



Community Survey Input

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3 Request: **Sustainability**



Showplace for Net-Zero Energy and Carbon Neutral Goals; Urban Agriculture, Native Wetlands Conservation; Xeriscape; Rainwater Harvesting



4 Request: **Assembly**



Auditorium, Gymnasium, Media/Student Union, Dining Commons, Courtyard



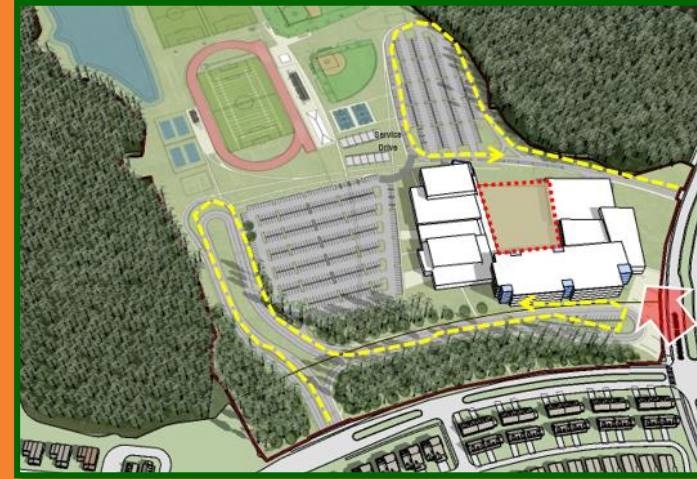
Community Survey Input

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5 Request: **Site Circulation**



Smart & Efficient Site Entry and Car Loop/ Drop-Off Design; Ample Parking for Activities; Students Not Exiting onto Dowden Road



6 Request: **Lunch Options**



Lunch and Menu Option: Main Cafeteria, Media/Student Union, Gymnasium and Auditorium



Community Survey Input

Average of 85 Responses / Questions from the 10% Design Community Meeting.

7

Request: **Computer & Digital Help Center**



Help Desks for At School and Remote Digital Support; Technology Assistance Genius Bar; Accessible Computer Drop-Off & Pick-Up



8

Request: **Community Use**



Enhanced Hurricane Protection Area (EHPA); Site Perimeter Gated & Secured for After-Hours Access; Athletic Fields & Amenities



Site Plan



Legend



School Main Entrance



Vehicular Gates

Site Data

Student Capacity

3,240 Student Capacity

Provided Separate Parent and Bus Loops

Separate Parent and Bus Loops will be provided from Dowden Road (Buses) and Founders Street (Student Drop Off).

On-Site Car Stacking

Queuing for 162 vehicles which amounts to 6,840 feet will be provided.

On-Site Bus Stacking

Queuing for 76 buses will be provided.

On-Site Parking

Parking for 975 vehicles will be provided.



New School for Site 50-H-SE-2 High School



North Bound Dowden Road
EXISTING SITE CONTEXT



Building Exteriors



Building Exteriors



Building Exteriors



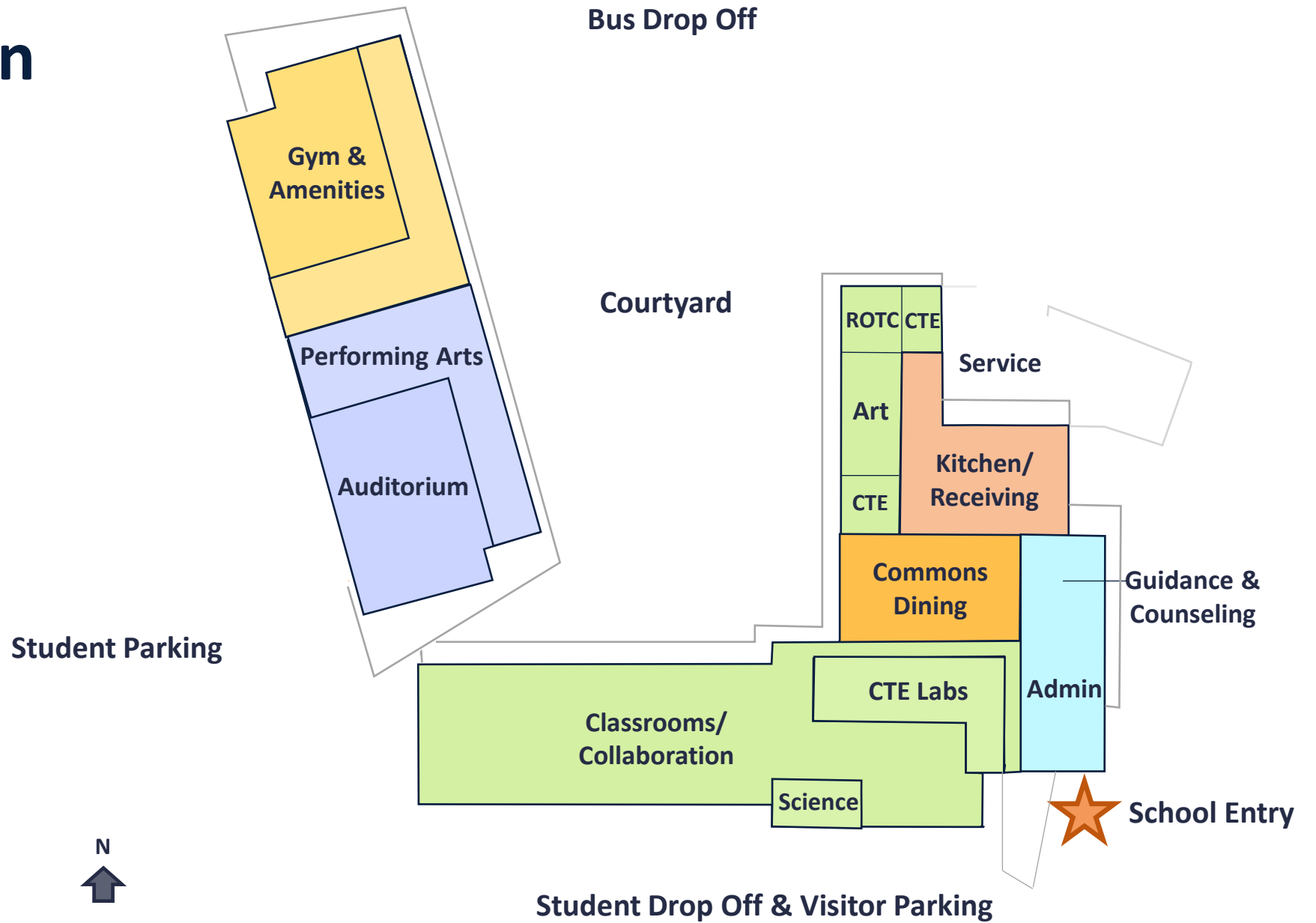
Building Exteriors



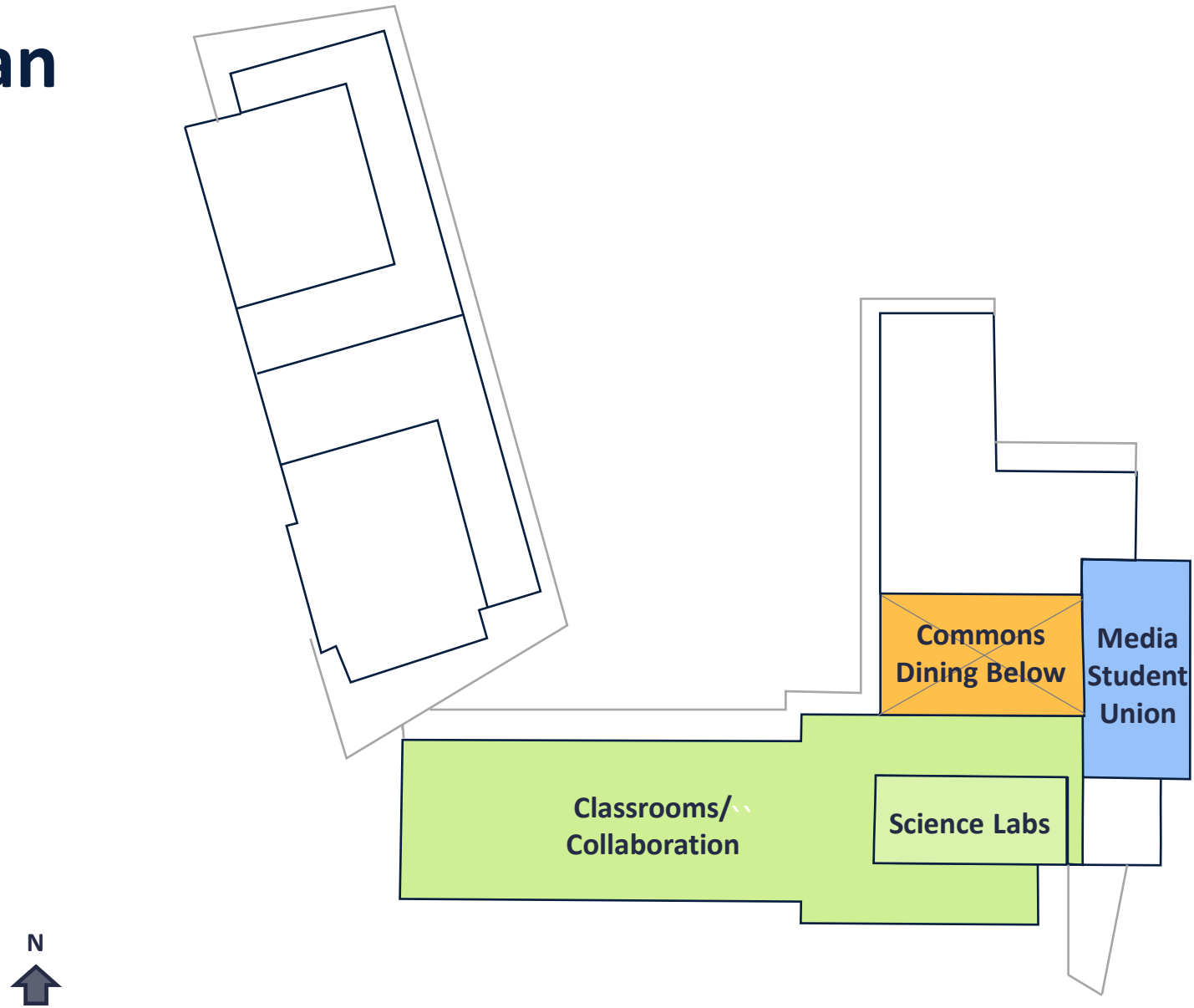
Building Exteriors



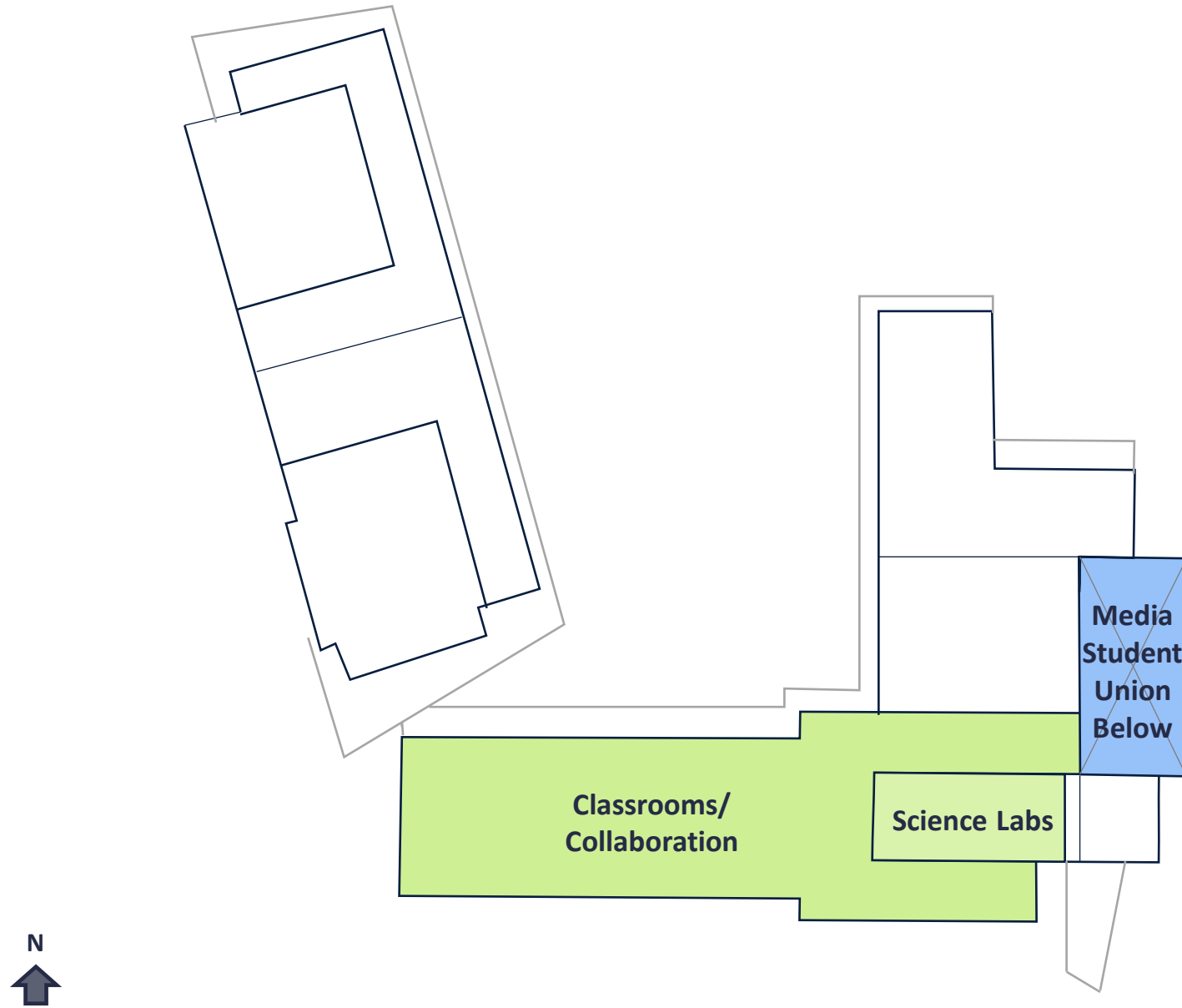
First Floor Plan



Second Floor Plan



Third Floor Plan



New OCPS Prototype High School *Conceptual Example Spaces*

Student Capacity: 3,240

Buildings: +/- 371,000 SF

Campus Program:

- Administration
- **Media Center**
- **Cafeteria (Distributed)**
- Classrooms
- Flex Studios
- Science Labs
- CTE Flex Labs
- Auditorium & Arts Spaces
 - Band Room
 - Vocal Room
 - Orchestra Room
 - Piano Lab
 - Dance Room
- Gymnasium & Athletics Spaces
 - Weight Room
 - Wrestling
 - Locker Rooms



Example Media Center



Example Cafeteria

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 - Orchestra Room
 - Piano Lab
 - Dance Room
- **Gymnasium & Athletics Spaces**
 - **Weight Room**
 - Wrestling
 - Locker Rooms



Example Weight Room



Example Gymnasium

Site Program

Conceptual Example Spaces

Site: +/- 61.5 Acres

Site Amenities:

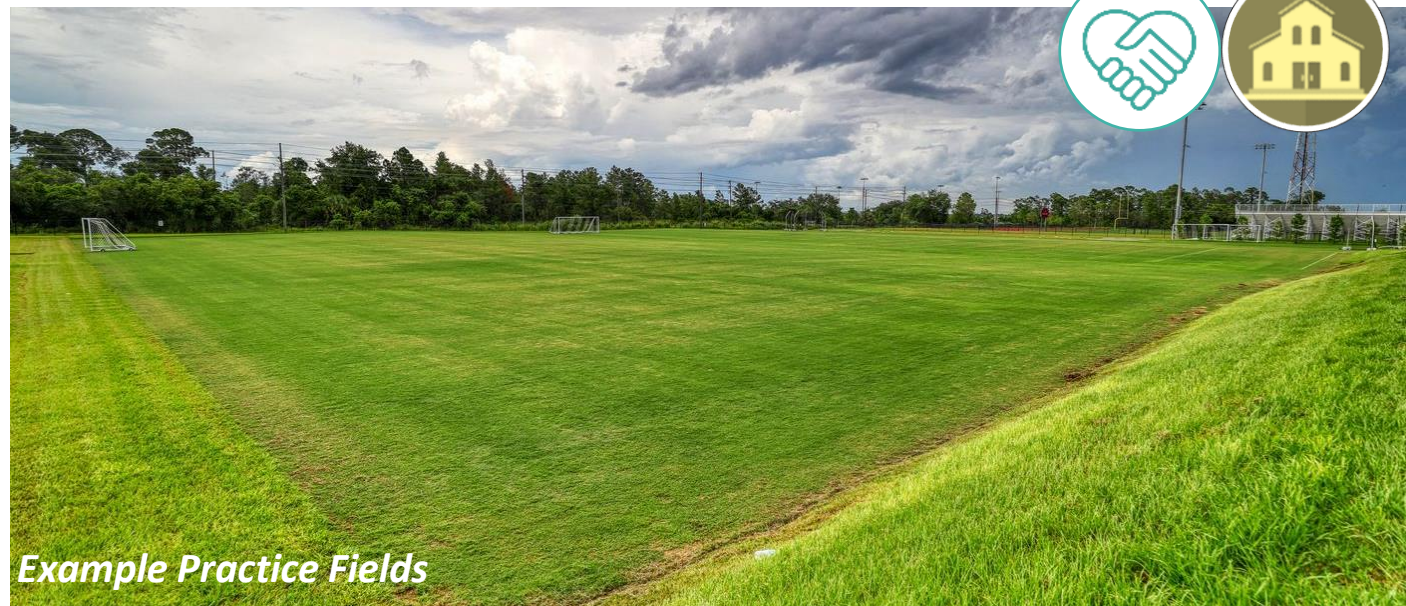
- Athletics
 - **Stadium / Track with Field House**
 - Locker Rooms
 - Weight Room
 - Concessions
 - **Practice Fields**
 - Baseball Field
 - Softball Field
 - Baseball / Softball Concessions
 - Tennis Courts
 - Outdoor Basketball Courts
- Green / Shade House

Cars and Buses:

- Student, Faculty and Visitor Parking
(+/- 975 Spaces)
- Parent Drop Off / Pick Up
- Bus Loop Drop Off / Pick Up



Example Stadium / Track



Example Practice Fields

Site Program

Conceptual Example Spaces

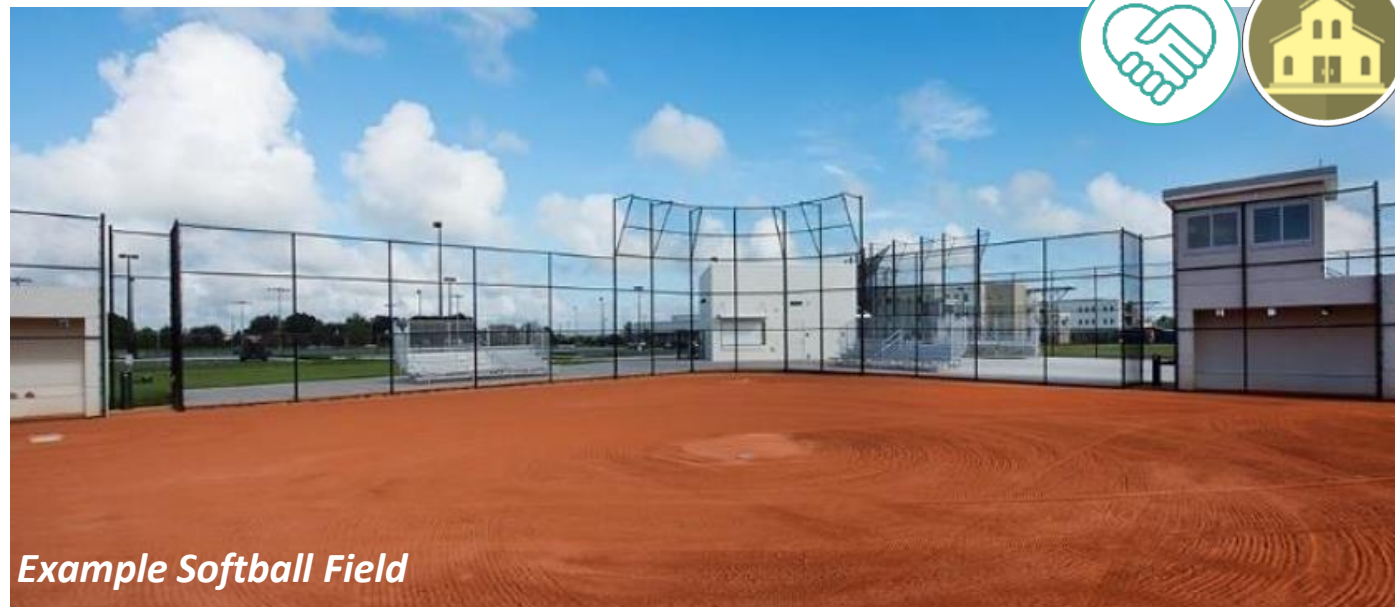
Site: +/- 61.5 Acres

Site Amenities:

- Athletics
 - Stadium / Track with Field House
 - Locker Rooms
 - Weight Room
 - Concessions
 - Practice Fields
 - **Baseball Field**
 - **Softball Field**
 - Baseball / Softball Concessions
 - Tennis Courts
 - Outdoor Basketball Courts
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Site Program

Conceptual Example Spaces

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 - **Tennis Courts**
 - **Outdoor Basketball Courts**
- Green / Shade House

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Example Tennis Courts



Example Outdoor Basketball Courts

Site Program

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 - Tennis Courts
 - Outdoor Basketball Courts
- **Green / Shade House**

Cars and Buses:

- Student, Faculty and Visitor Parking
(+/- 975 Spaces)
- Parent Drop Off / Pick Up
- **Bus Loop Drop Off / Pick Up**



Additional Features

Conceptual Example Spaces

Site: +/- 61.5 Acres



Safety & Security:

- Secure Campus Design
- Primary and Secondary Fence Lines
- Single Secure Entry Point
- **Security System and Cameras**
- Card Reader Entrance Controls
- 2-Way Emergency Radio System



Heathy Environments:

- **Expanded Exterior Dining**
- Increased Ventilation Capability
- High Efficiency Air Filtration



Example Security Camera



Example Exterior Dining

Additional Features

Conceptual Example Spaces



Educational Technology:

- Touch Screen “Smart” Monitors
- Audio Enhancement System at All Educational Spaces
- WiFi Connectivity Throughout



Sustainability

Site 50-H-SE-2 will be designed to meet Green Globes sustainable building standards metrics.



Planned Sustainable Design and Engineering Features Include:

High Performance Envelope / Low Energy Footprint



Site

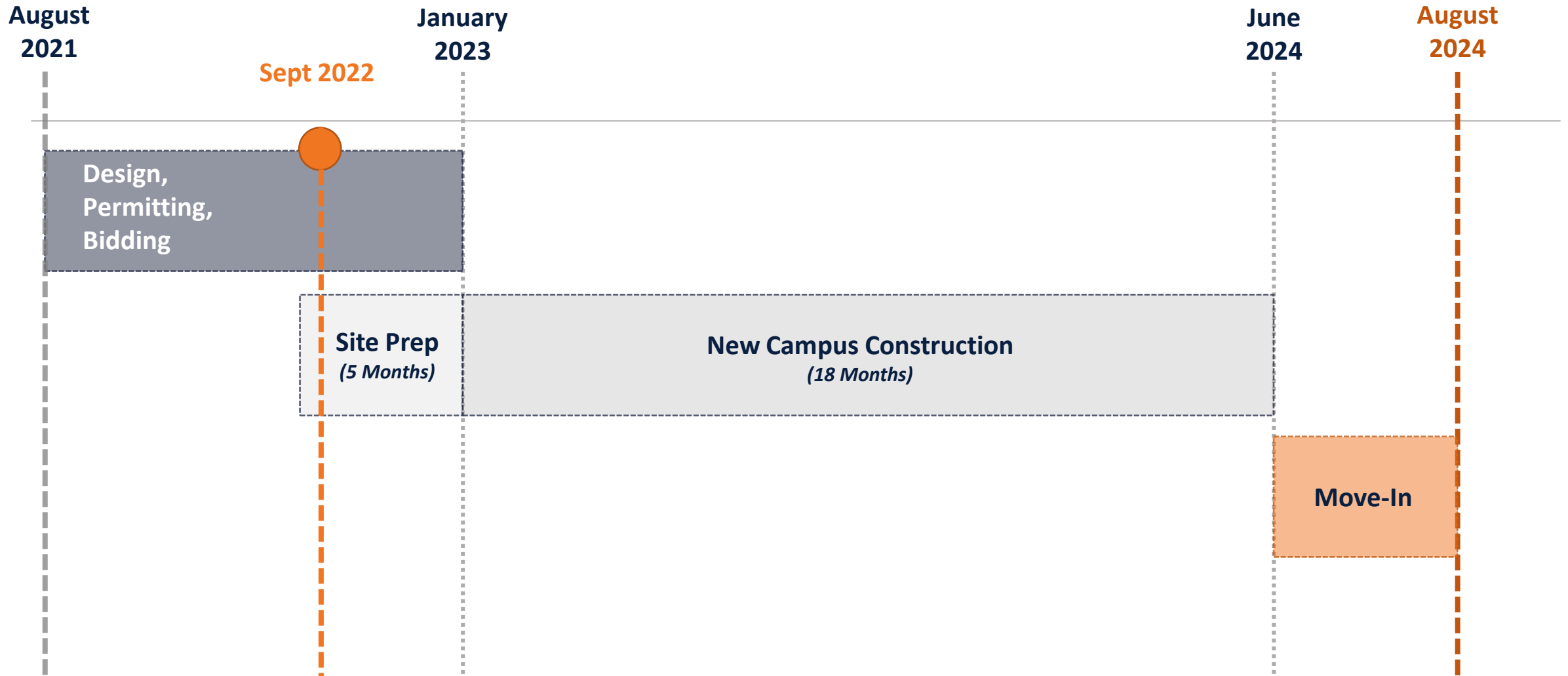
- Native/low water plants – reduce water consumption; and
- Low Impact Design (LID) stormwater design.

Building

- 10% more energy efficient than ASHRAE 90.1 Standard;
- High Efficiency Chillers (8-15% energy reduction);
- Net-zero energy ready with efficient EUI;
- Advanced daylight harvesting controls and multi-level switching;
- Energy Star rated equipment;
- Water saving toilets, faucets, and fixtures;
- Most general classrooms have natural daylighting;
- Thermal efficient windows/glazing;
- High thermal performance building envelope; and
- Fully automated building controls systems.



Planned Schedule



WHAT TO EXPECT

WORK HOURS

Monday - Saturday
7:00am - 6:00pm

Some activities will need to be completed outside of the standard working hours and will be in strict accordance with the City of Orlando and Orange County Government ordinances.

DELIVERIES

Monday - Saturday
7:00am - 6:00pm

All construction deliveries will access the jobsite from Dowden Road.

UPCOMING ACTIVITIES

Clear & Grub

Started August 2022
Will properly remove and haul off trees, shrubs and debris to prep the site for Earthwork activities.

Mass Grading

Will start September 2022
Import Fill of ~400,000 CY of Suitable Soils
Excavation of Retention Pond

Building Foundations

Will start December 2022
Forming and pouring Concrete Foundations and Tilt Wall Construction



Rezoning Process

School Board Policy JC

- Superintendent commences rezoning
- Timeline developed
- Meet with principals, area superintendents and school board members
- Research and data collection
- Community Meeting(s) (September 20, 2022, 6:00 p.m.)
- Rule Development Workshop (October 18, 2022, 4:30 p.m.)
- Public Hearing (December 6, 2022, 5:30 p.m.)
- Rezoning notebook



**Thank you to the Orange County taxpayers, who
make our construction program possible.**

Questions?