

May 23, 2022

6:00 PM

60% Design Community Meeting

Site 50-H-SE-2

Welcome! This meeting will begin shortly.



**Orange County
Public Schools**

Site 50-H-SE-2

60% Design Meeting Agenda

May 23, 2022, 6:00 PM

- Welcome - School Board Member Johanna López
- Introductions - Lauren Roth, Facilities Communications
- Project Update - Architect: Zyscovich Architects
Contractor: CORE Construction
- Questions and Answers
- Adjournment

ZYSCOVICH
ARCHITECTS

CORE
CONSTRUCTION

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



***Introductions by Senior Manager,
Facilities Communications***
Lauren Roth



Something exciting is on the way!



Site Location



Site Aerial



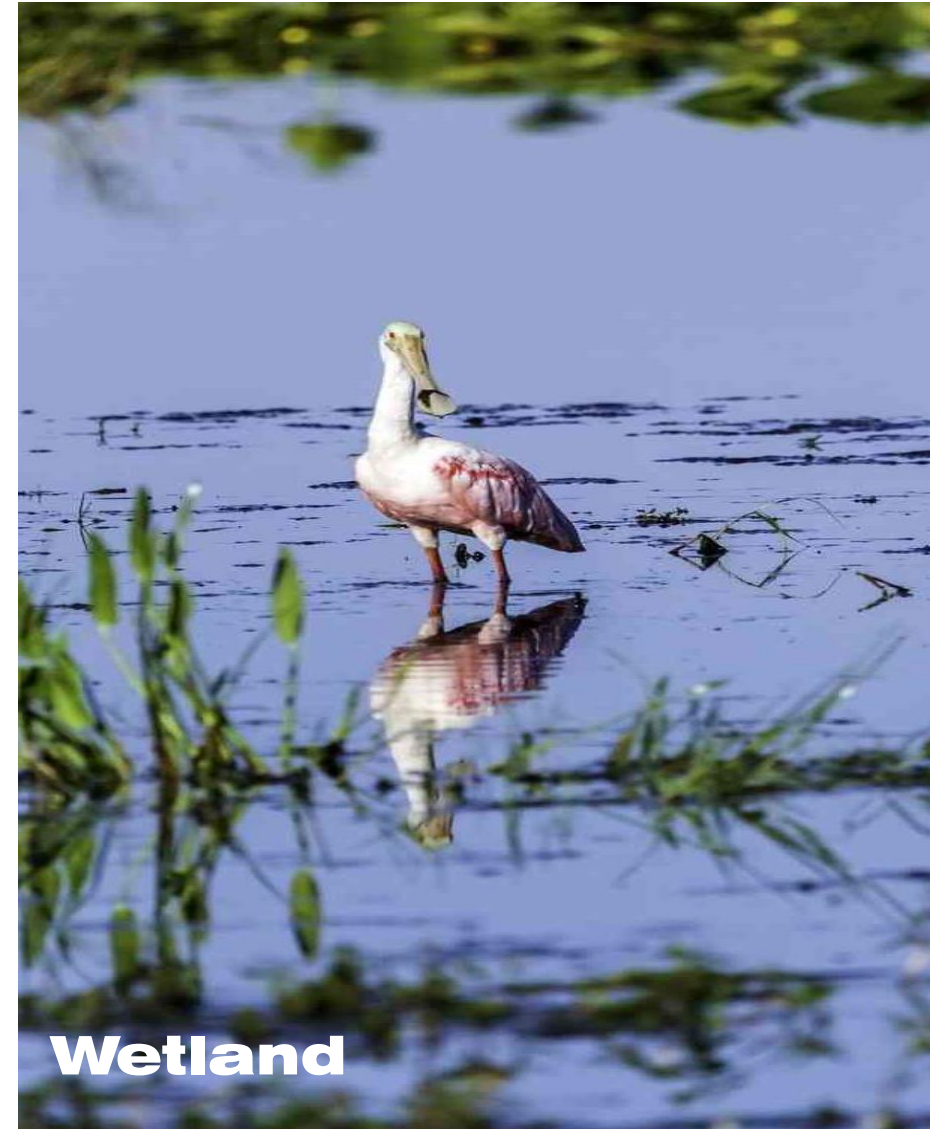
Site Context



Meridian Park

NEIGHBORHOOD MAP

Site Context





The Stats



3,240 STUDENTS



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

Office Spaces

Gymnasium

Commons Dining

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



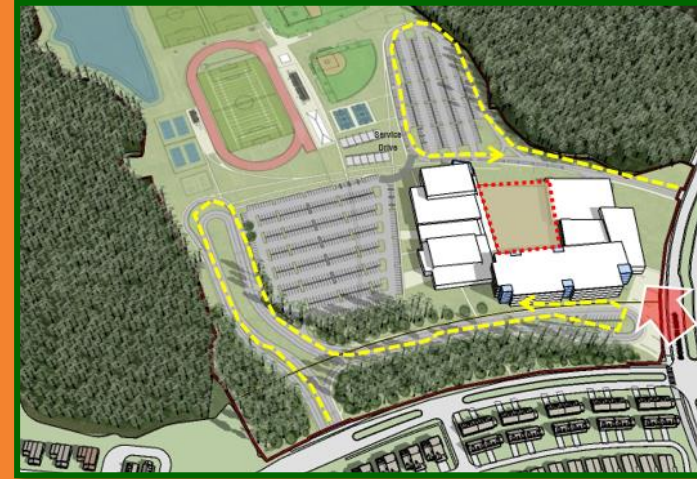
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5 Request: **Site Circulation**



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 Stations
3,240 Student Stations

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

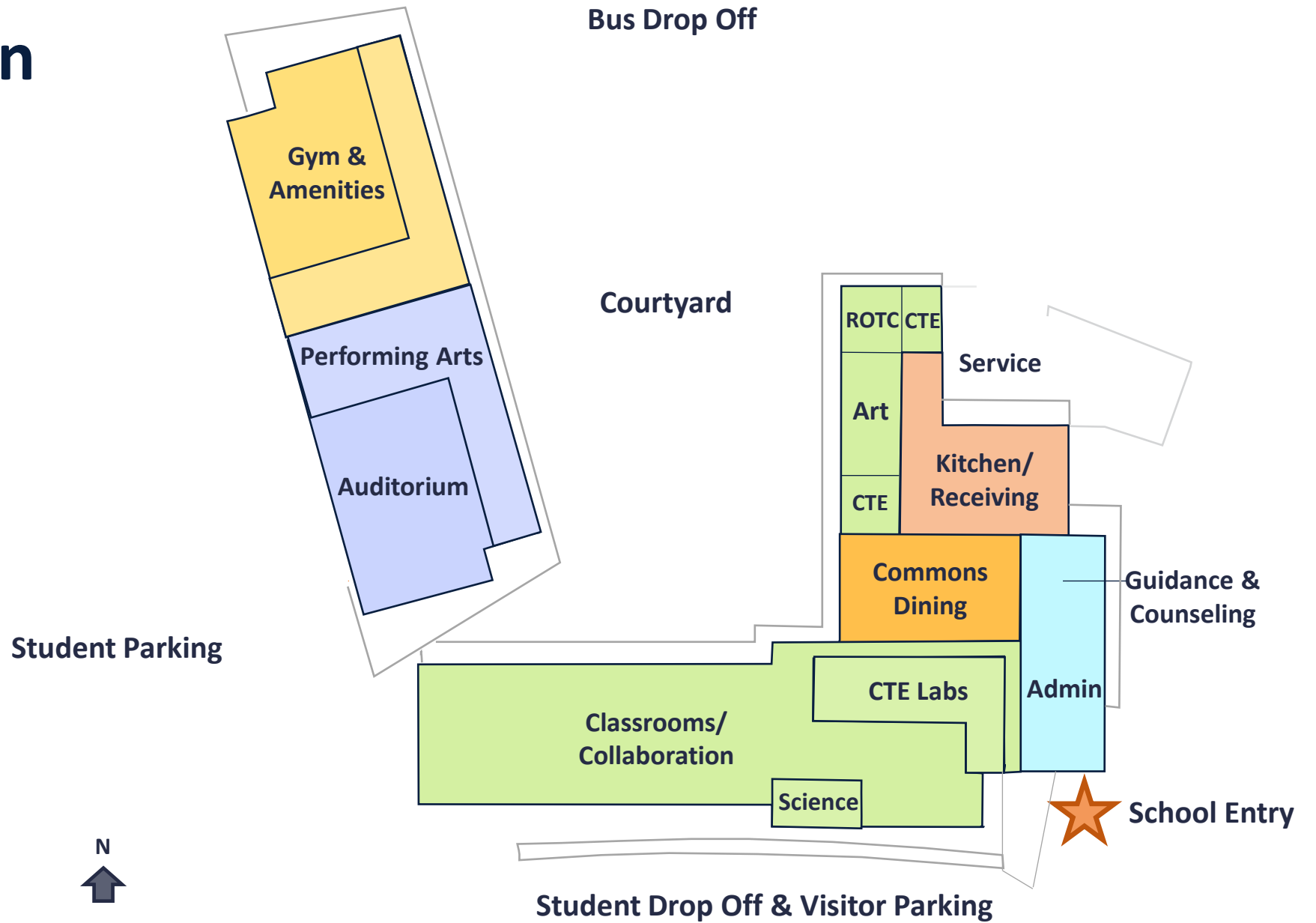
On-Site Car Stacking
Queuing for 162 vehicles which amounts to 6,840 feet will be provided.

On-Site Bus Stacking
Queuing for 76 buses will be provided.

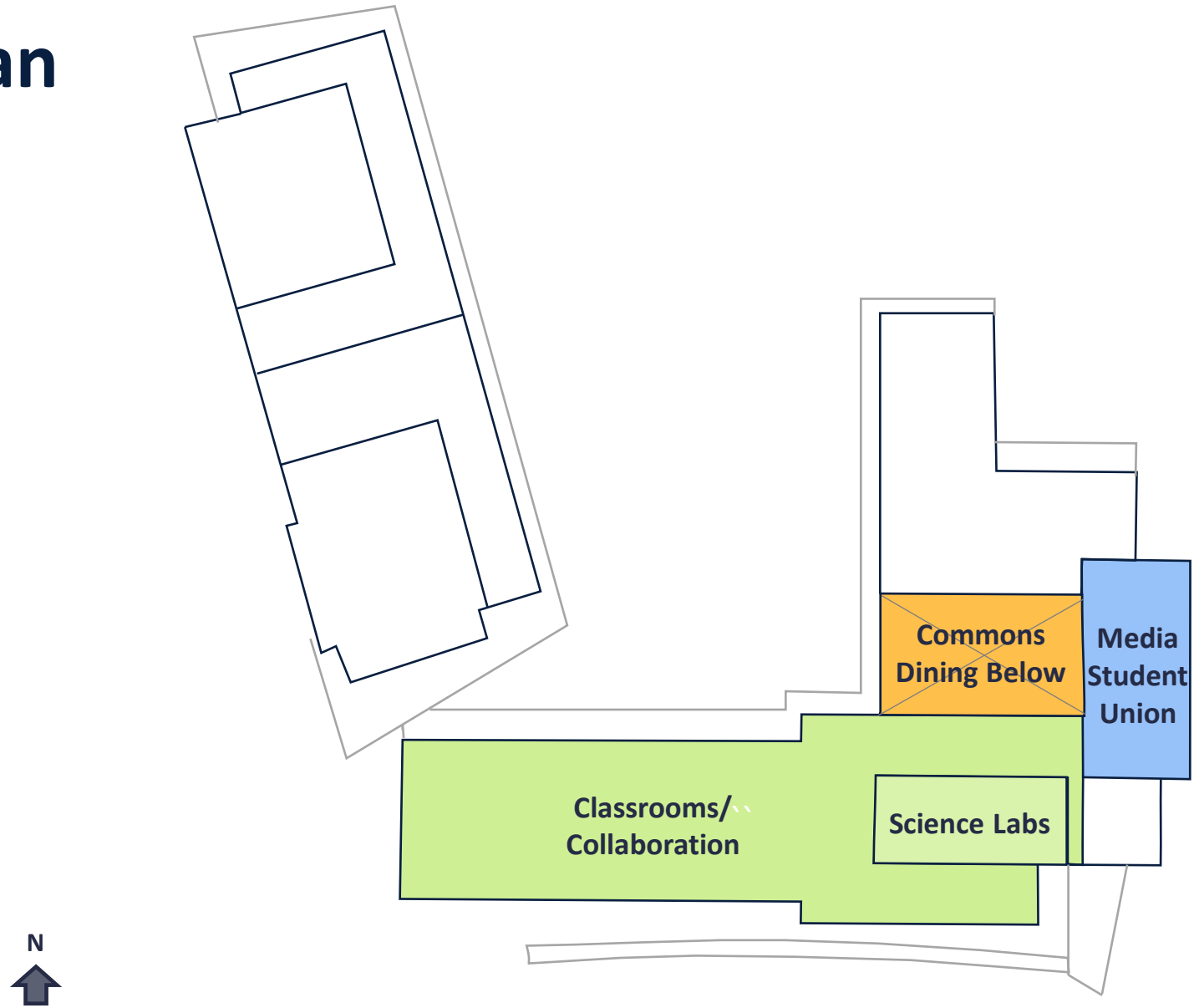
On-Site Parking
Parking for 975 vehicles will be provided.



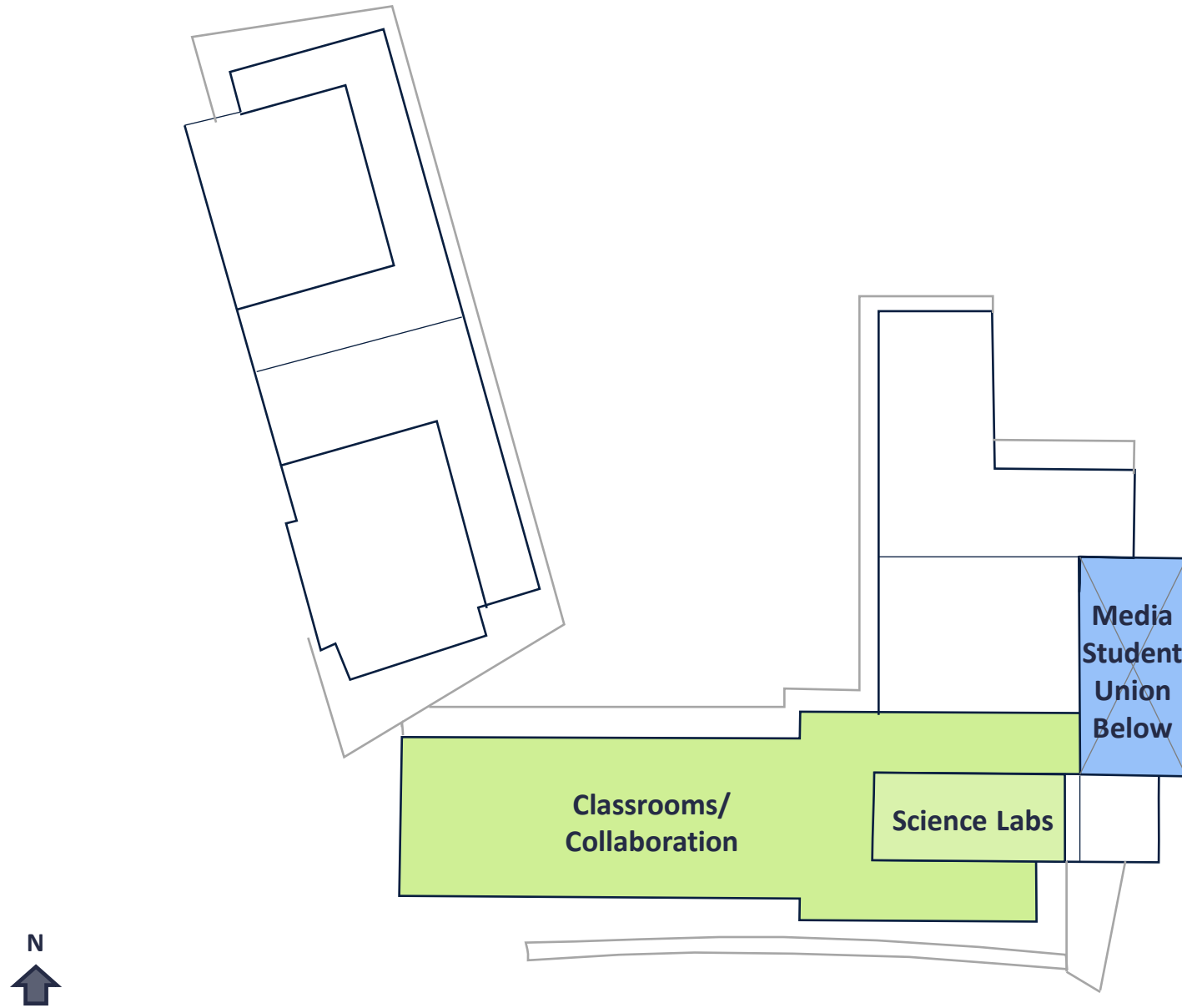
First Floor Plan



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

New OCPS Prototype High School

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



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:

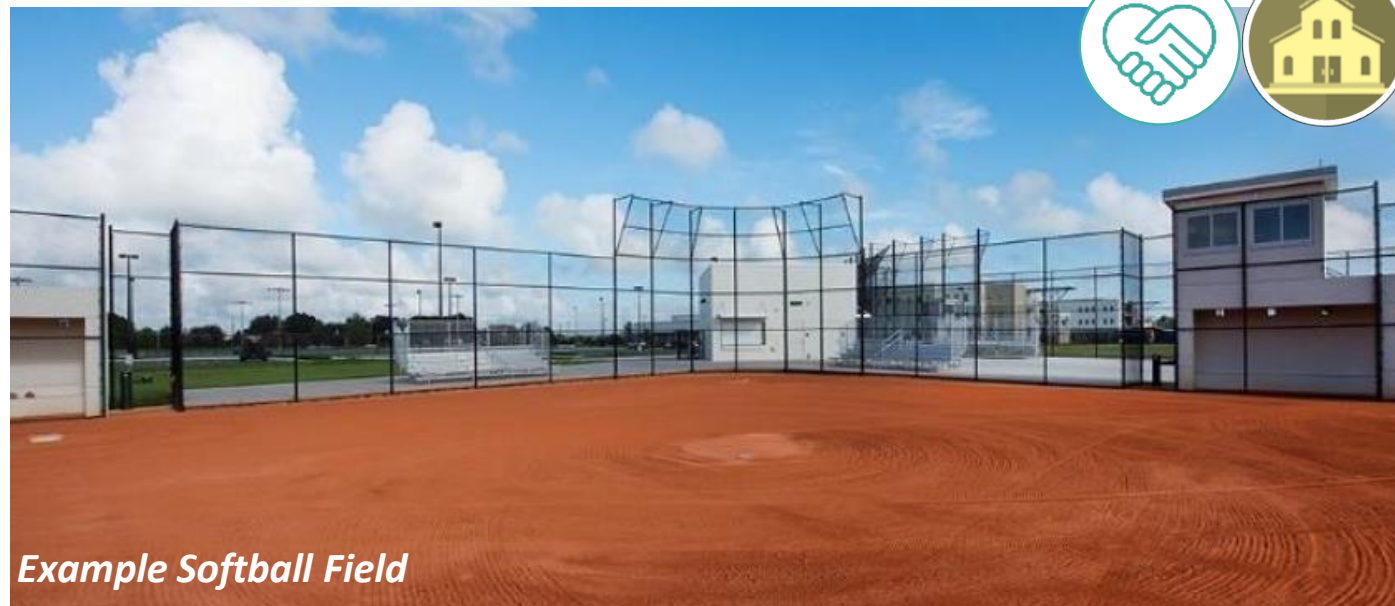
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Example Baseball Field



Example Softball Field

Site Program

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 - Locker Rooms
 - Weight Room
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 - Practice Fields
 - Baseball Field
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 - **Tennis Courts**
 - **Outdoor Basketball Courts**
- Green / Shade House

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- Bus Loop Drop Off / Pick Up



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)
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- **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

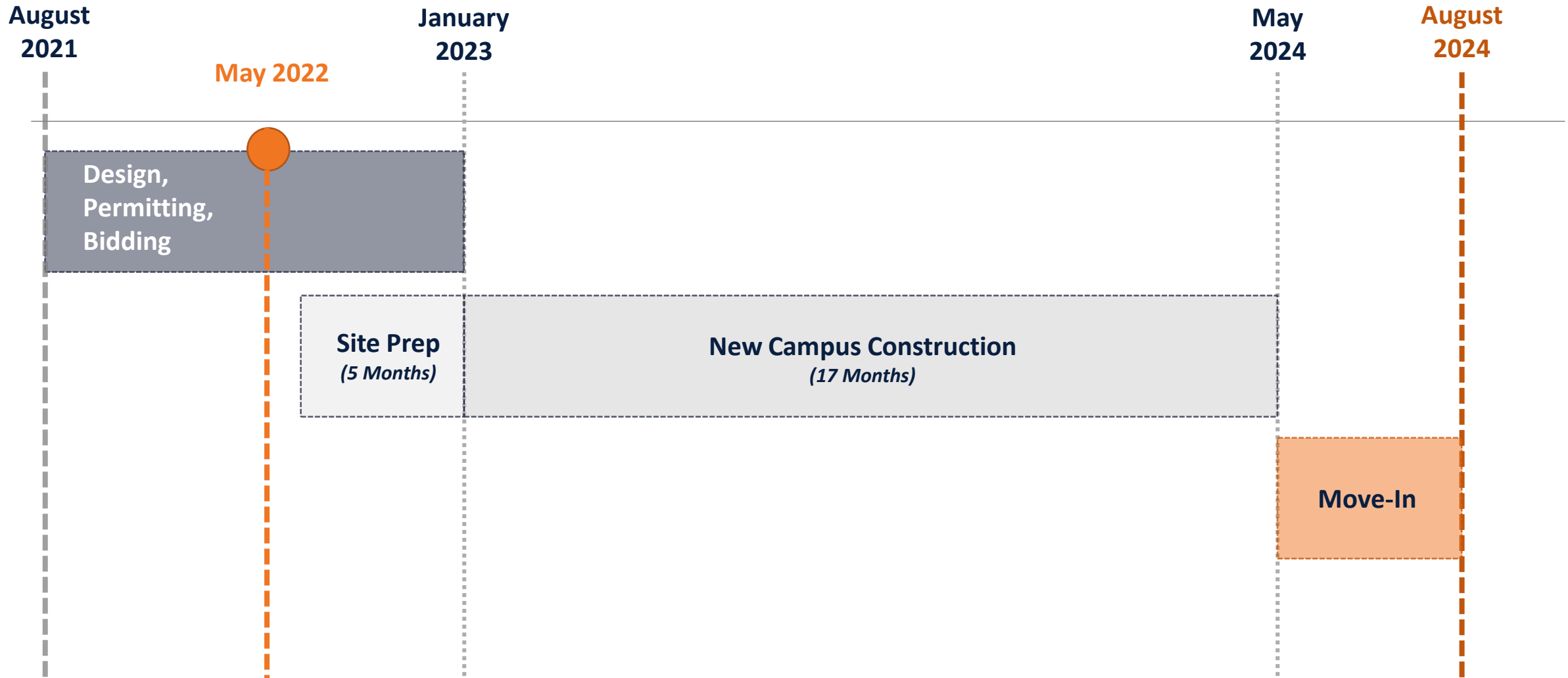
- Native/low water plants – reduce water consumption; and
- Low Impact Design (LID) stormwater design.

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





Thank You

Community Meeting Presentation

Is posted at facilities.ocps.net and on the School Board Member page.