

January 10, 2022

6:00 PM

# 30% Design Community Meeting

Site 50-H-SE-2

Welcome! This meeting will begin shortly.



**Orange County  
Public Schools**

# Site 50-H-SE-2

## 30% Design Meeting Agenda

January 10, 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***



***Something exciting is on the way!***



# Site Location



# Site Access Points

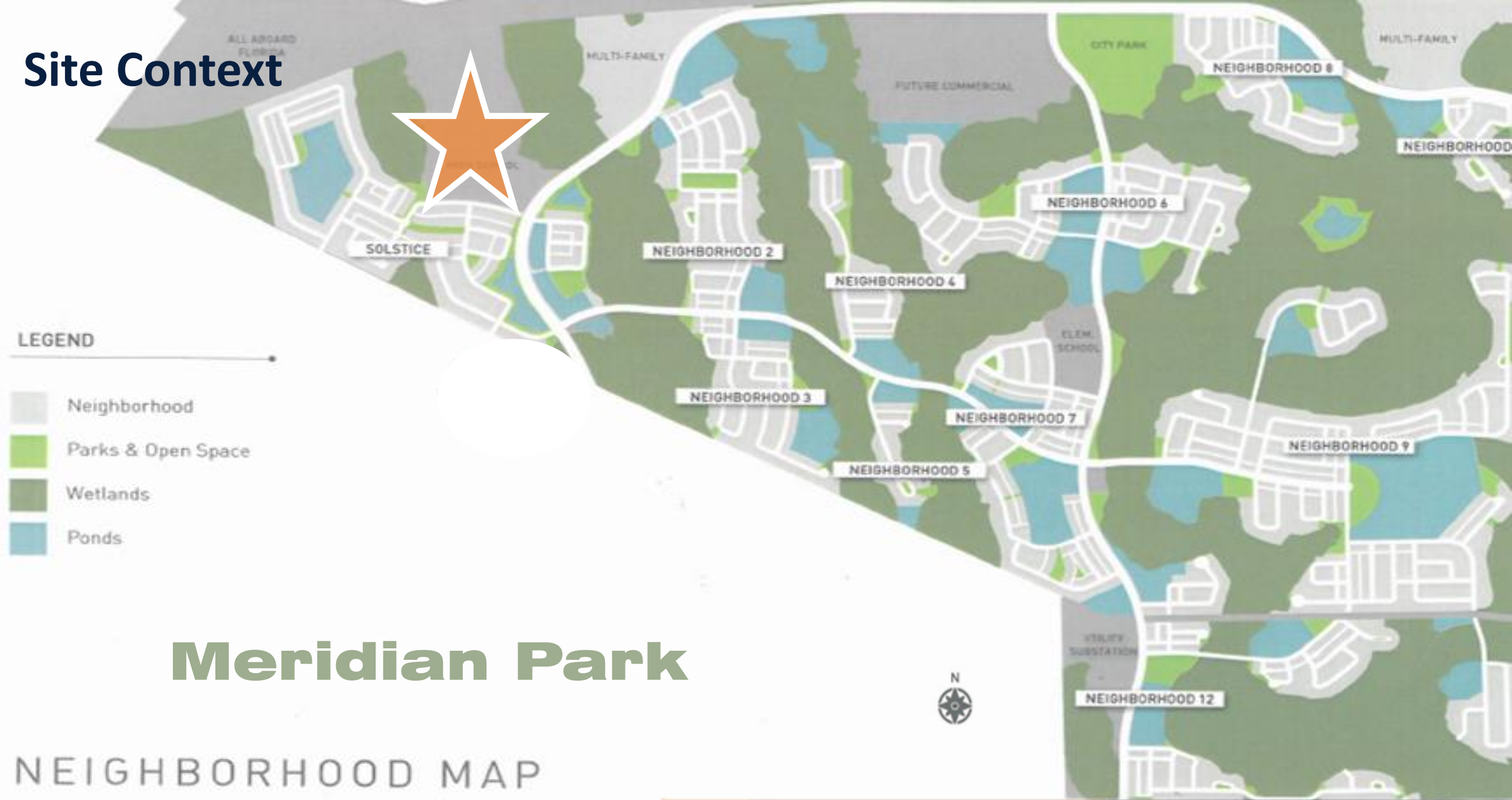


# Site Aerial





# Site Context



## Meridian Park

NEIGHBORHOOD MAP

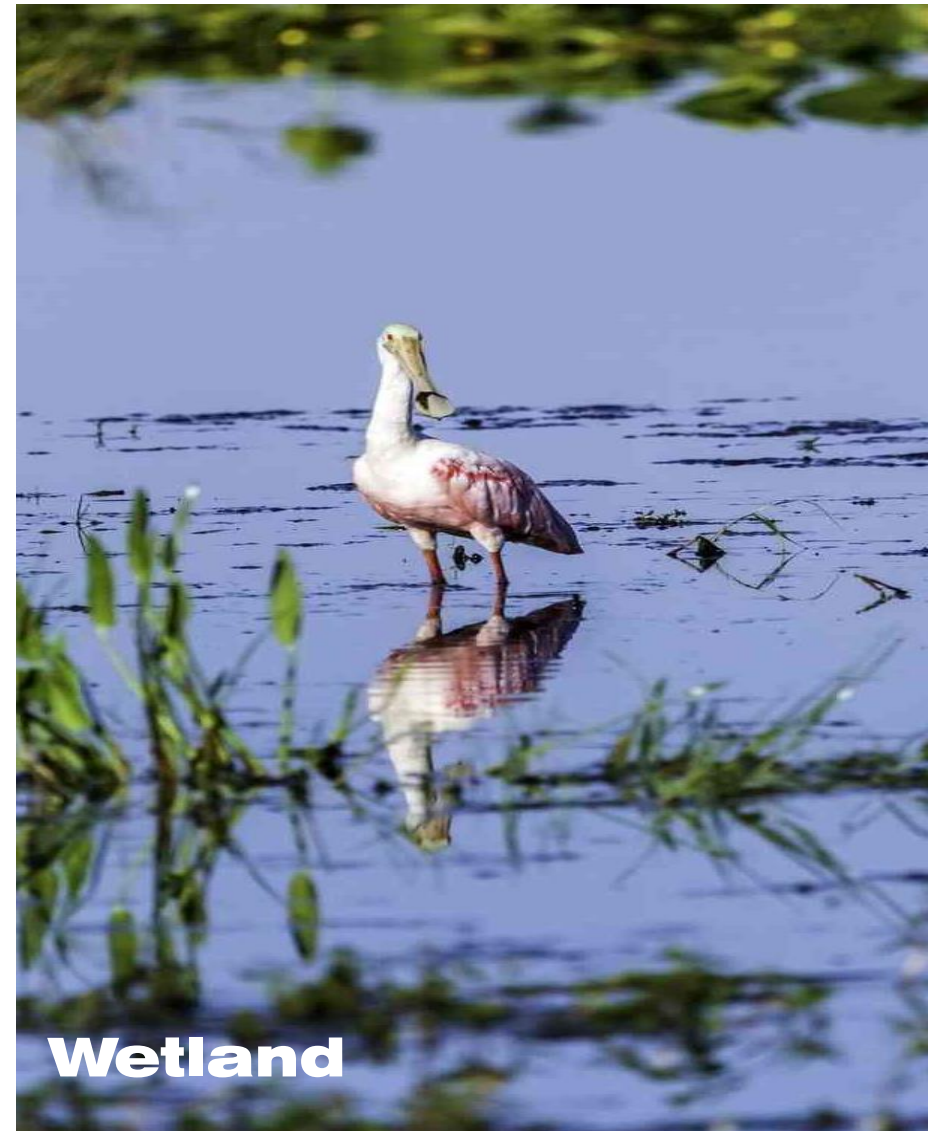
# Site Context



**Landscapes**



**Wildlife**



**Wetland**



# 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**  
**Cafeteria**

**On-Site Football Stadium**  
**Athletic Amenities**  
**Car Loop & Bus Loop**  
**Visitor Parking**  
**Student & Teacher Parking**  
**Secured Single Entry**  
**Advanced Technology**  
**Sustainable Bldg. Systems**  
**Net-Zero Energy Ready**



# Site 50-H-SE-2 Innovations



**21<sup>ST</sup> CENTURY  
LEARNING**



**COMMUNITY BASED  
SCHOOL**



**SAFE & SECURE**



**TECHNOLOGY  
RICH**



**SUSTAINABLE**



**CAREER  
ACADEMIES**



**HEALTH &  
WELLNESS**

# V I S I O N I N G





# Site 50-H-SE-2 High School

## Survey Questions

1

You may be familiar with other OCPS high schools.

**What features do you like best?**

2

You may be familiar with other OCPS high schools.

**What features do you dislike?**

3

**What are the most essential skills you believe students should develop in this new school to be well-prepared for their future?**

4

This new high school will be designed with classrooms, office spaces, a media center, auditorium, gym, cafeteria, on-site football stadium and athletic amenities.

**What additional features do you think it should have?**

5

**What new learning experiences would you like to see in this new high school?**

6

**What would you like to see in the new classrooms and labs?**

7

**What are some of the community needs/activities which you think the new school may accommodate?**

8

**What sustainability features would you like to see in the new school**

9

Thank you for your time.

**If you have any other feedback, please provide it here.**



# Site 50-H-SE-2 High School

Survey Results....

Help  
Collaboration  
Traffic Choices  
Courtyard  
Sustainability  
Assemblies  
Community

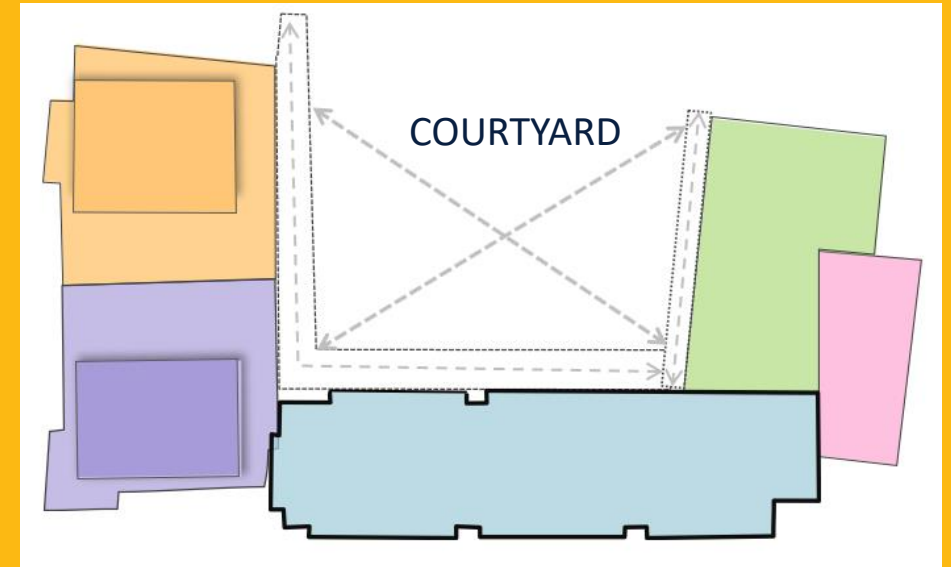


# Community Survey Input

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

## 1 Request: **Courtyard**

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



## 2 Request: **Collaboration**

PROPOSED: 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

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

## 3 Request: **Sustainability**



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



## 4 Request: **Assembly**

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



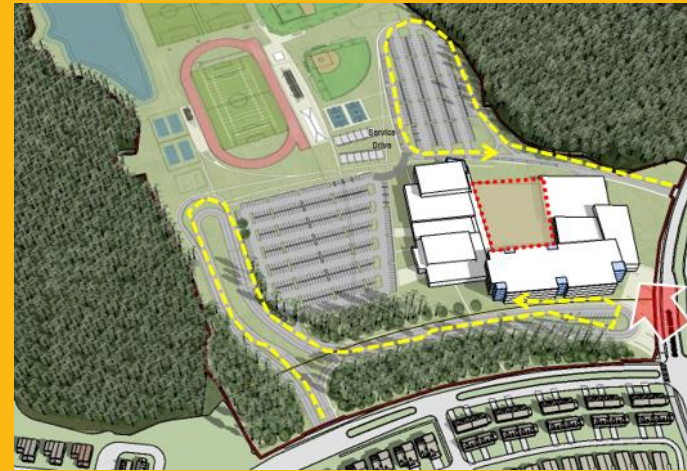
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## 5 Request: **Site Circulation**



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



## 6 Request: **Lunch Options**



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



# Community Survey Input

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## 7 Request: **Computer & Digital Help Center**



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



## 8 Request: **Community Use**






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



# Site Plan



## Legend

-  School Main Entrance
-  Vehicular Gates
-  Fence Line

## Site Data

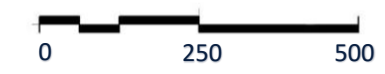
**Student Stations**  
3,240 Student Stations

**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 990+ vehicles will be provided.





# New OCPS Prototype High School



## Educational:

- New CTE Programs + Flexible Labs
- Flex Studios
- Student Union + Commons Dining Room



## Technology:

- Interactive Technology Systems at All Areas
- WiFi Access Throughout (Interior + Exterior)



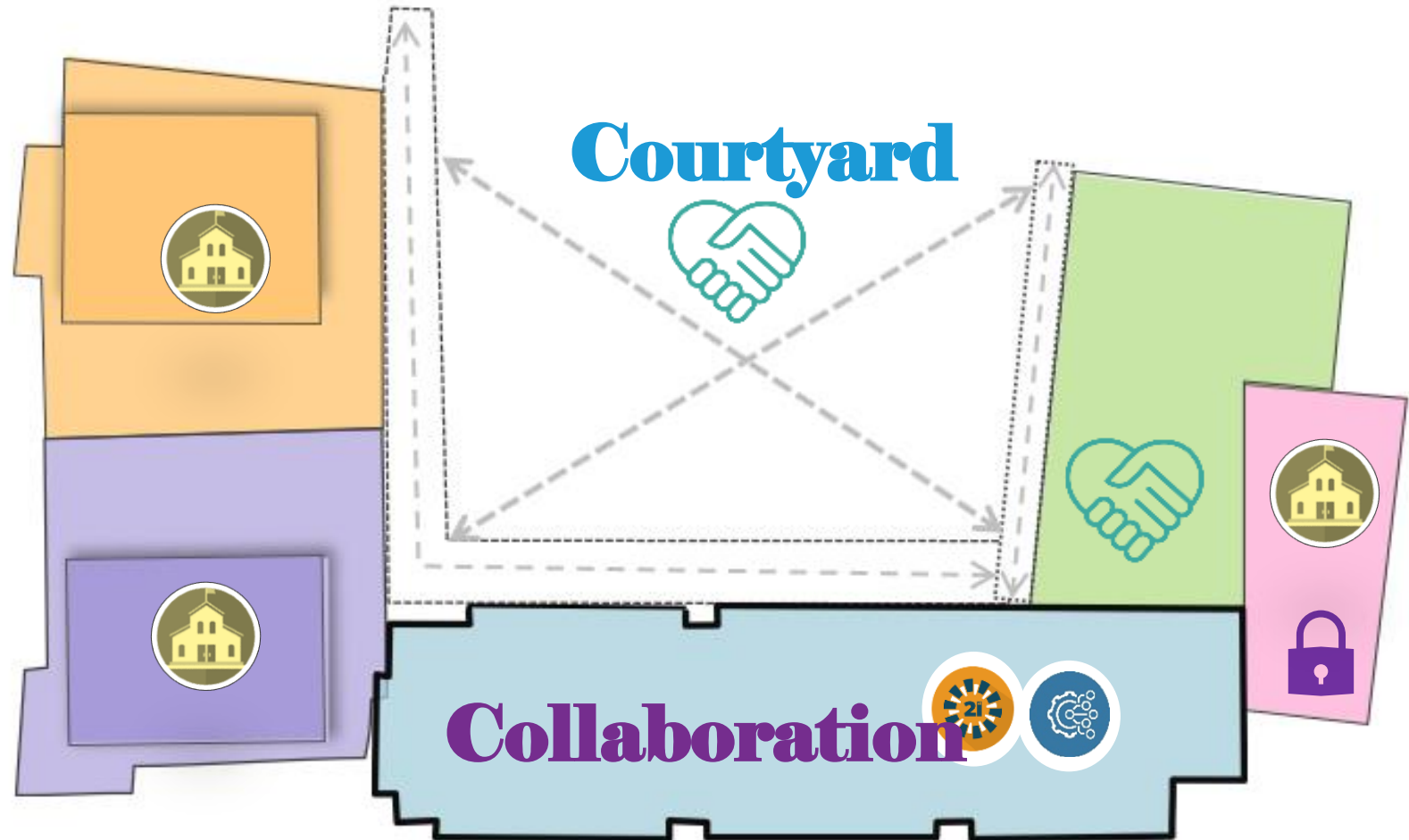
## Energy Efficiency:

- Net-Zero Ready Campus
- Enhanced Thermal Envelope
- High Efficiency Mechanical Systems



## Security:

- Single Secure Entry Point
- Full Security System with Card Access and Cameras
- 2-Way Emergency Radio System



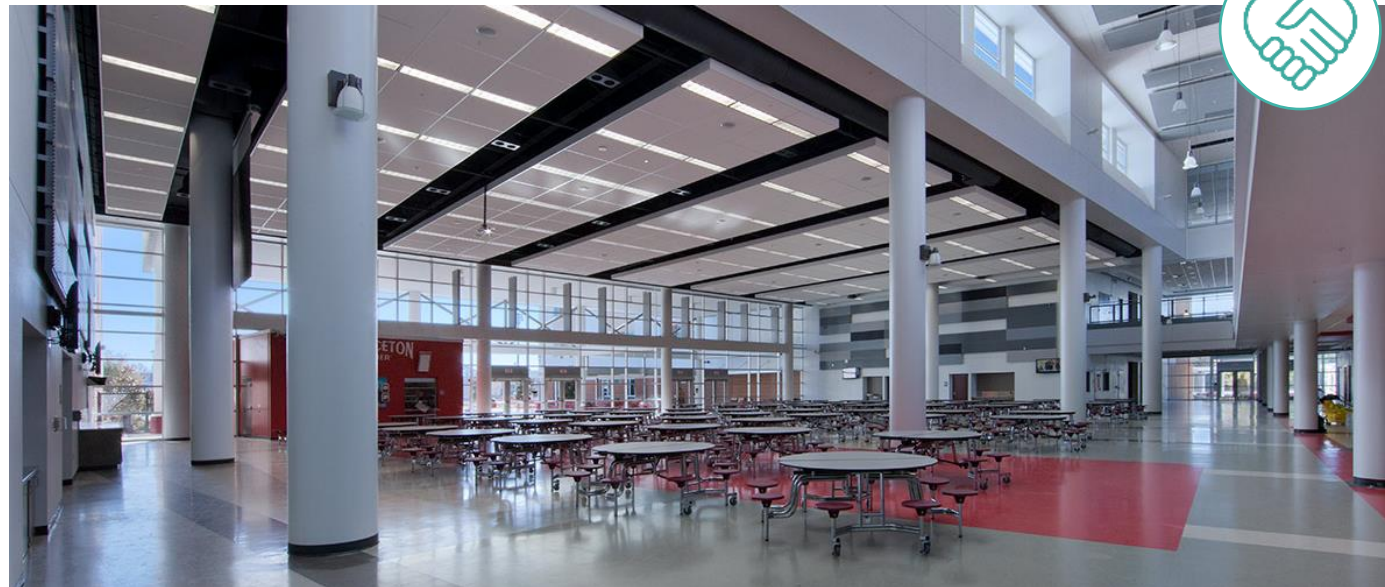
# New OCPS Prototype High School

Student Capacity: 3,240

Buildings: +/- 381,000 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



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# Site Program

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  
(+/- 990 Spaces)
- Parent Drop Off / Pick Up
- Bus Loop Drop Off / Pick Up



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# Additional Features

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



# Additional Features



## 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:

### Site

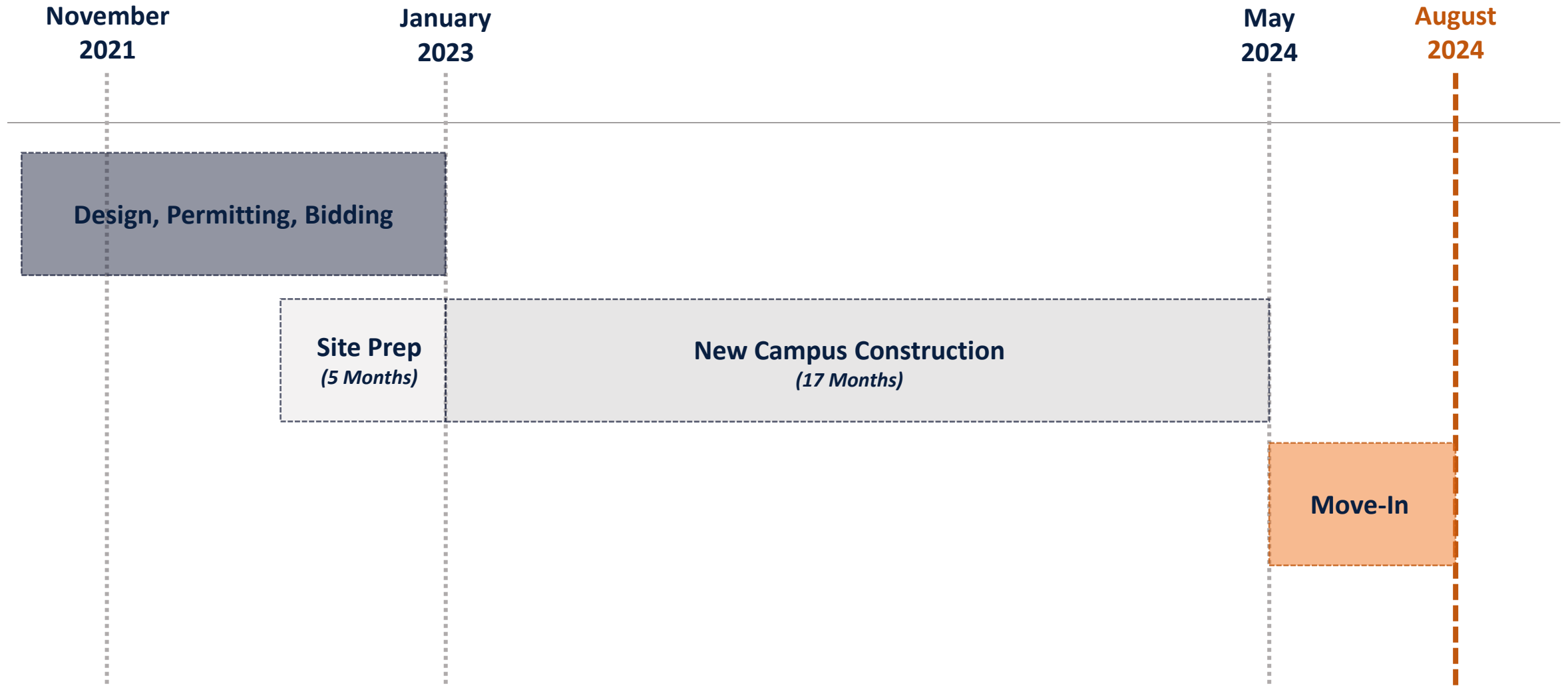
- Native/low water plants – reduce water consumption; and
- Low Impact Design (LID) stormwater design.

### Building

- 10% more energy efficient than ASHRAE 90.1 Standard;
- High Efficiency Chillers (8-15% energy reduction);
- Light colored roof to reduce heat gain and improves energy performance;
- Energy efficient LED Lighting;
- Energy Star rated equipment;
- Water saving toilets, faucets, and fixtures;
- Most general classrooms have natural daylighting;
- Thermal efficient windows/glazing;
- Enhanced building envelope thermal performance; and
- Fully automated building controls systems.



# Planned Schedule



# Questions and Comments



**Thank You**

## **Community Meeting Presentation**

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