

April 22, 2019

# 60% Design Community Meeting

## High School Site 80-H-SW-4

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



**Orange County  
Public Schools**

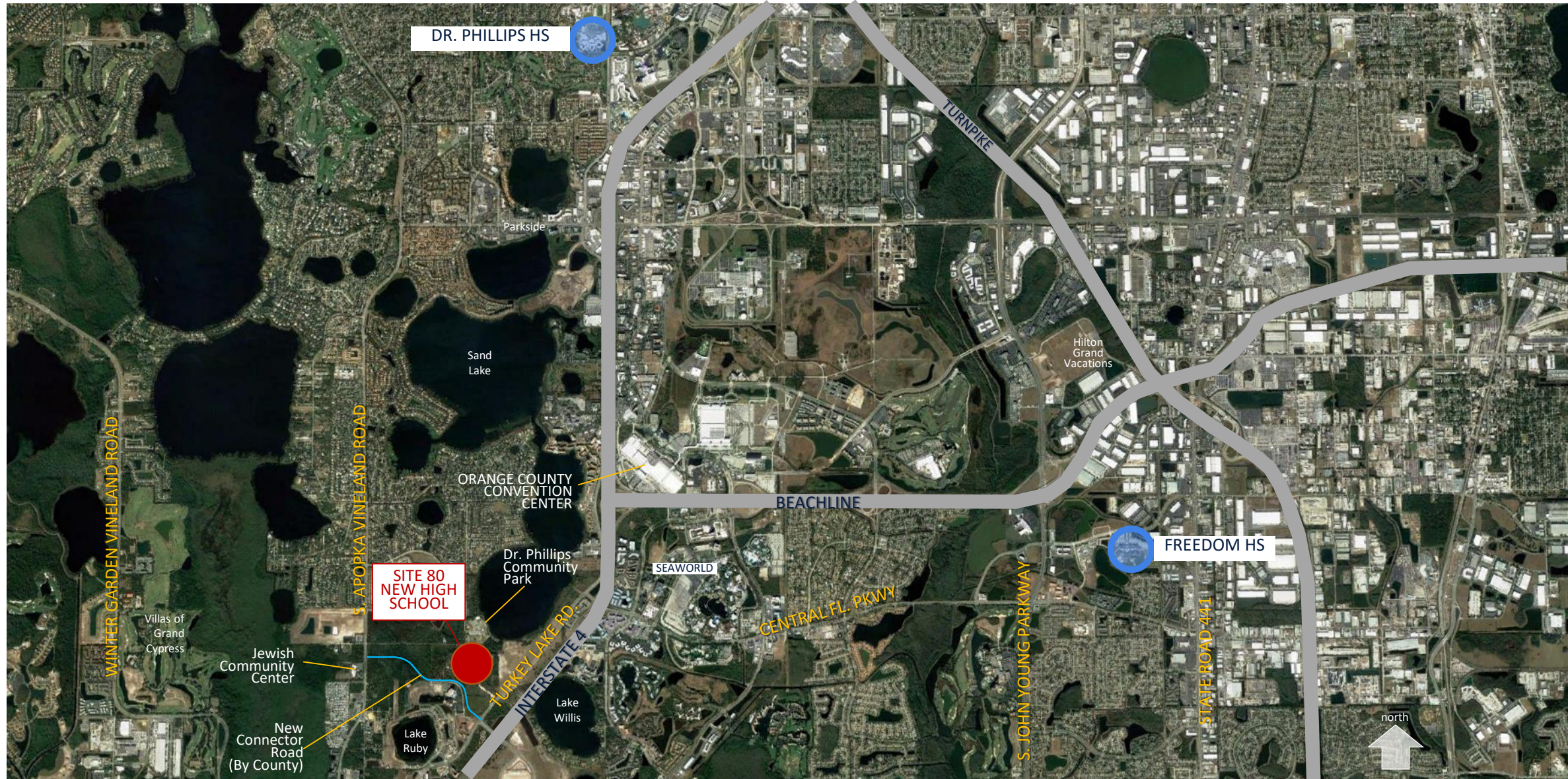
# High School Site 80-H-SW-4 Meeting Agenda

April 22, 2019, 6:00 PM

- Welcome – School Board Member: Pam Gould
- Introductions – Lauren Roth/ Facilities Communications
- Project Update – David Torbert, AIA, NCARB **SCHENKEL**SHULTZ  
□ □ □ ARCHITECTURE □ □ □
- Questions and Answers
- Adjournment



# Site Location



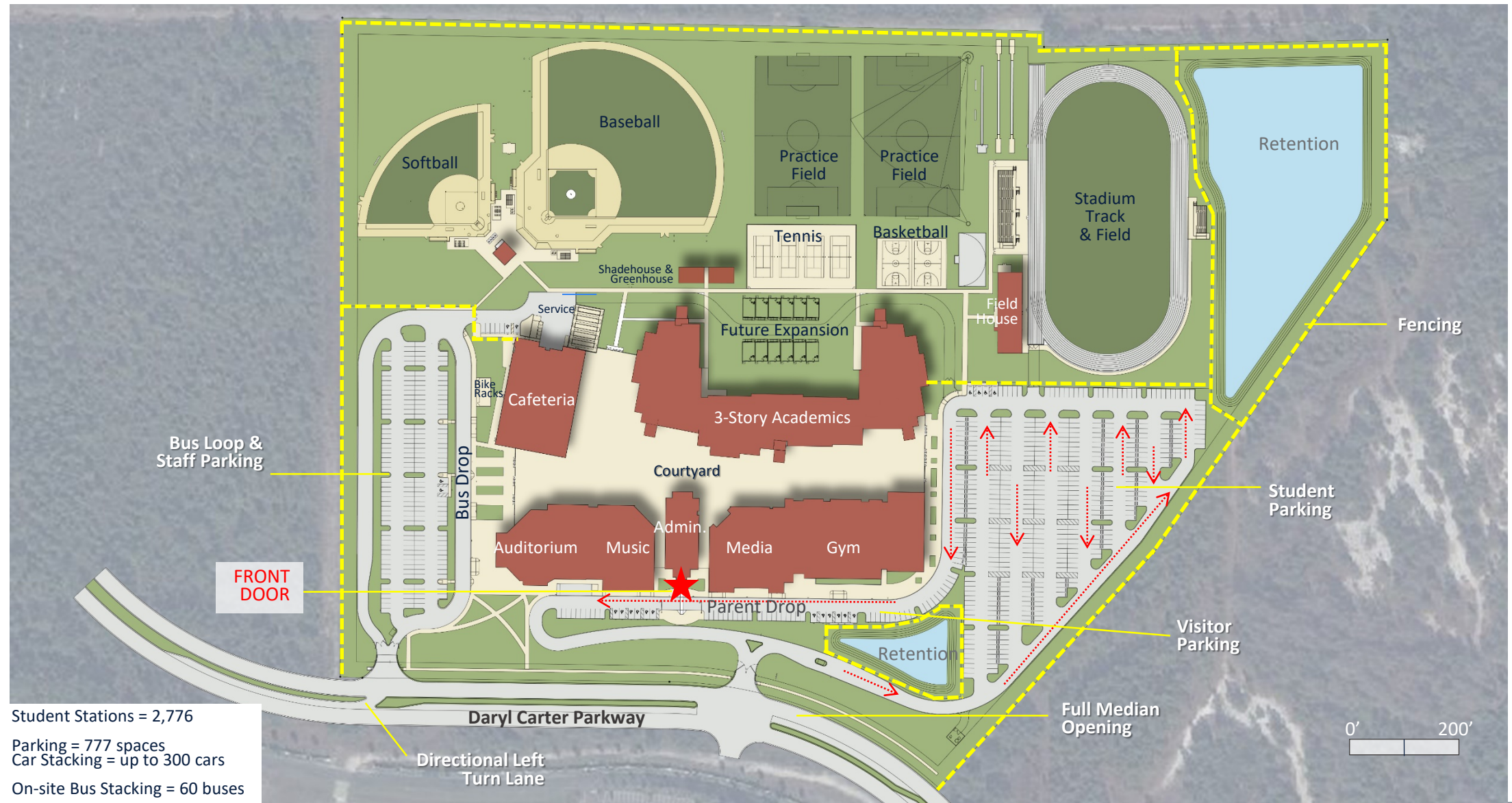


# Site Aerial





# Site Plan



# Project Basis – OCPS Prototype High School

## OCPS PROTOTYPE HIGH SCHOOLS

Windermere High School

Oak Ridge High School

Evans High School

Apopka High School

West Orange High School

Wekiva High School

Ocoee High School

Lake Nona High School

East River High School

Freedom High School

Timber Creek High School

Olympia High School



Oak Ridge High School



# Project Basis – OCPS Prototype High School

## UPGRADES INCLUDED PROTOTYPE

### Educational

- 21<sup>st</sup> Century Collaborative Learning Hubs

### Technology

- Interactive Touchscreen Smart TV's
- WiFi access points throughout

### Energy Efficiency

- LED lighting campus wide (interior, exterior, site and athletic fields)
- High efficiency chillers and variable pumping scheme
- Low flow plumbing fixtures
- Commissioning of MEP systems
- ASHRAE 90.1 compliance for lighting and power metering

### Security

- Full security access control and cameras for the school
- 2-way emergency radio system
- Voice evacuation fire alarm system
- Permanent generator and life safety lighting



# Building Program

Students: 2,776

Buildings: +/-350,000 Square Feet

## Campus Program

Administration

Media Center

Cafeteria

Classroom Buildings

- Classrooms
- Science Labs
- Computer Labs
- CTE Labs

Auditorium & Music Spaces

- Band
- Vocal
- Orchestra
- Piano Lab

Gymnasium

- Locker Rooms
- Weight Room
- Gymnastics/Dance
- Wrestling



MEDIA CENTER



CAFETERIA



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# Site Program

Site: +/-50 Acres

## Site Amenities

Greenhouse and Shade house  
Athletics

- Field House at Stadium/Track
  - Locker Rooms
  - Weight Room
  - Concessions
- Practice Fields
- Baseball Field
- Softball Field
- Baseball & Softball Concessions
- Tennis Courts
- Outdoor Basketball Courts

## Cars and Buses

Student and Faculty parking  
(+/-777 Spaces)

Parent Drop off / pick up  
Bus Loop (up to 60 buses)





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# Additional Features

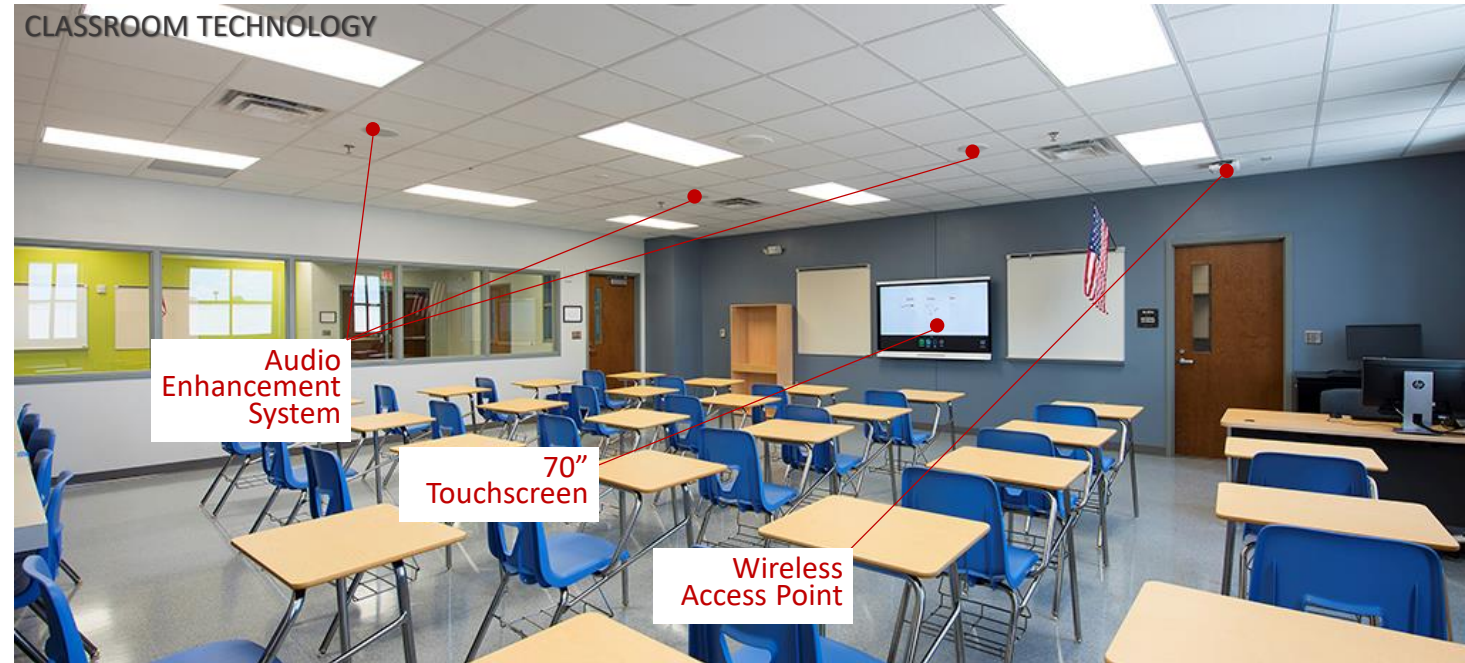
## Safety & Security

- Secure Courtyard Design
- Single Secure Entry Point
- Security System & Cameras
- Card Reader Entrance Controls



## Educational Technology

- 70" Touch Screen "Smart" Monitors
- Audio Enhancement
- WiFi Connectivity





# Sustainability

## Building

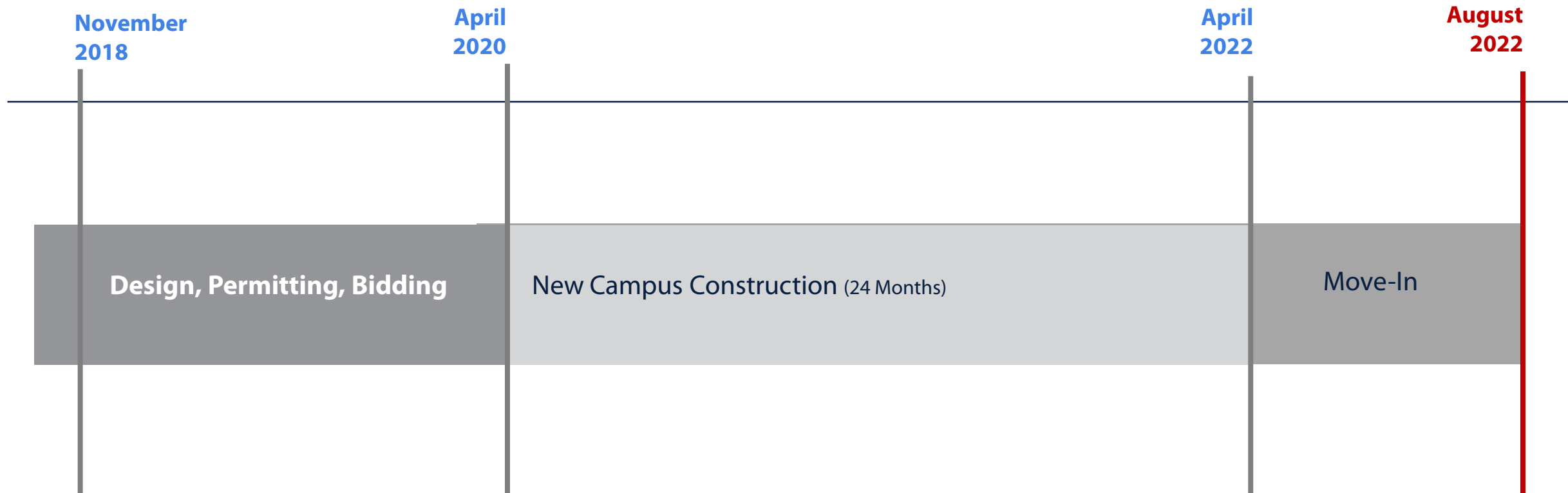
- 10% more energy efficient than ASHRAE 90.1 standard
- High Efficiency Chillers (15% energy reduction)
- Light colored roof to reduce heat gain and improves energy performance
- Energy Efficient LED Lighting
- Energy Star rated equipment
- Water saving toilets, faucets, and fixtures
- All classrooms have daylighting
- Over 75% of ALL spaces have daylighting
- Thermal efficient windows/glazing

## Site

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



# Planned Schedule







# Questions & Answers