

August 12, 2020

40% Construction Community Meeting

High School Site 80-H-SW-4

Welcome! This meeting will begin shortly.



**Orange County
Public Schools**

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

August 12, 2020, 5:00 PM

- Welcome – School Board Member: Linda Kobert
- Introductions – Lauren Roth/ Facilities Communications
- School Naming: Principal Guy Swenson
- Project Update – David Torbert, AIA, NCARB  Freddy Torres, PM 
- Questions and Answers
- Adjournment

***Welcome Message from
District 3 Board Member
Linda Kobert***



***Introductions by Senior manager,
Facilities Communications***

Lauren Roth



Rezoning Process

School Board Policy JC

Step 1 - Superintendent commences rezoning

Step 2 - Calendar (Timeline) developed

Step 3 - Calendar shared

Step 4 - Research, data collection and meetings with internal stakeholders

Step 5 - Community Meeting(s) *September 2020*

Step 6 - Rule Development Workshop *September 2020*

Step 7 - Public Hearing *October 2020*

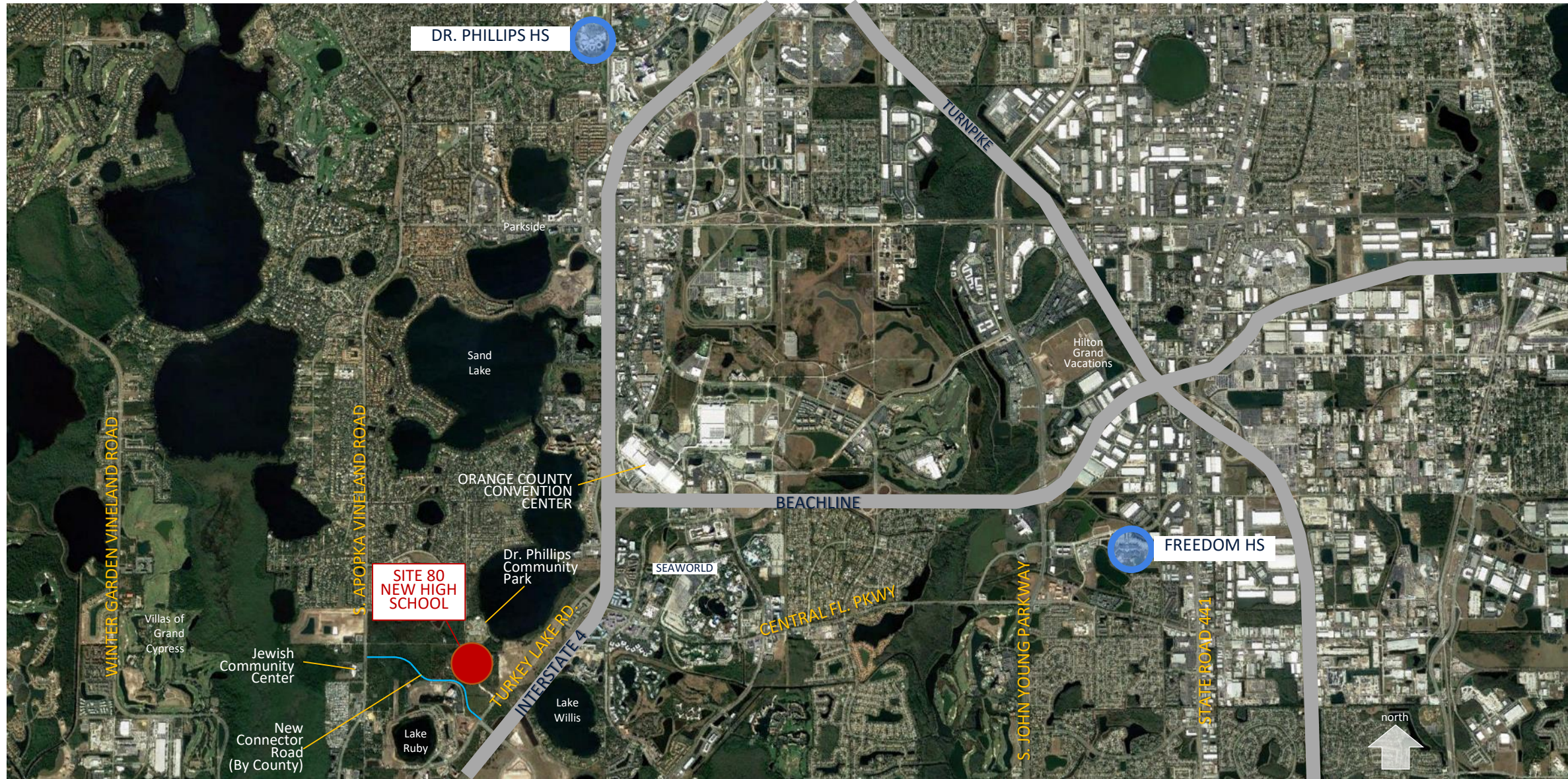
Step 8 - Storage of materials

School Naming

Principal Guy Swenson

- Introduction
- Site 80-H-SW-4 web site: <https://tinyurl.com/Site80HS>
- School naming survey: <https://forms.gle/tFbKABCxjoxyXAGx8>
- Mascot, Colors

Site Location 80-H-SW-4



Site Aerial 80-H-SW-4



Site Plan 80-H-SW-4



Project Basis – OCPS Prototype High School 80-H-SW-4

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 80-H-SW-4

UPGRADES INCLUDED PROTOTYPE

Educational

- 21st 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



Windermere High School

Renderings 80-H-SW-4



Renderings 80-H-SW-4



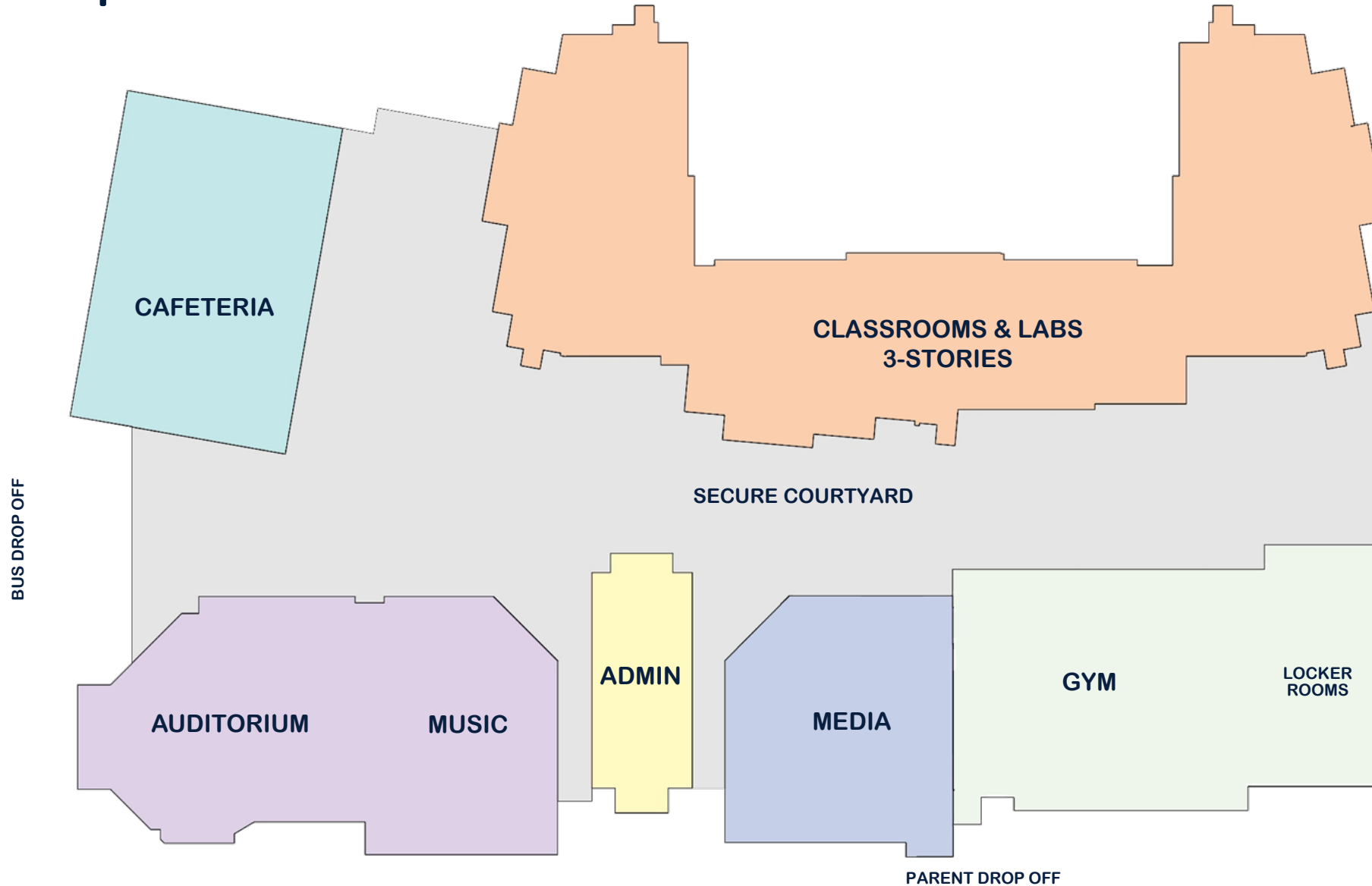
Renderings 80-H-SW-4



Renderings 80-H-SW-4



Campus Plan 80-H-SW-4



Building Program

80-H-SW-4

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



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Site Program

80-H-SW-4

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 80-H-SW-4

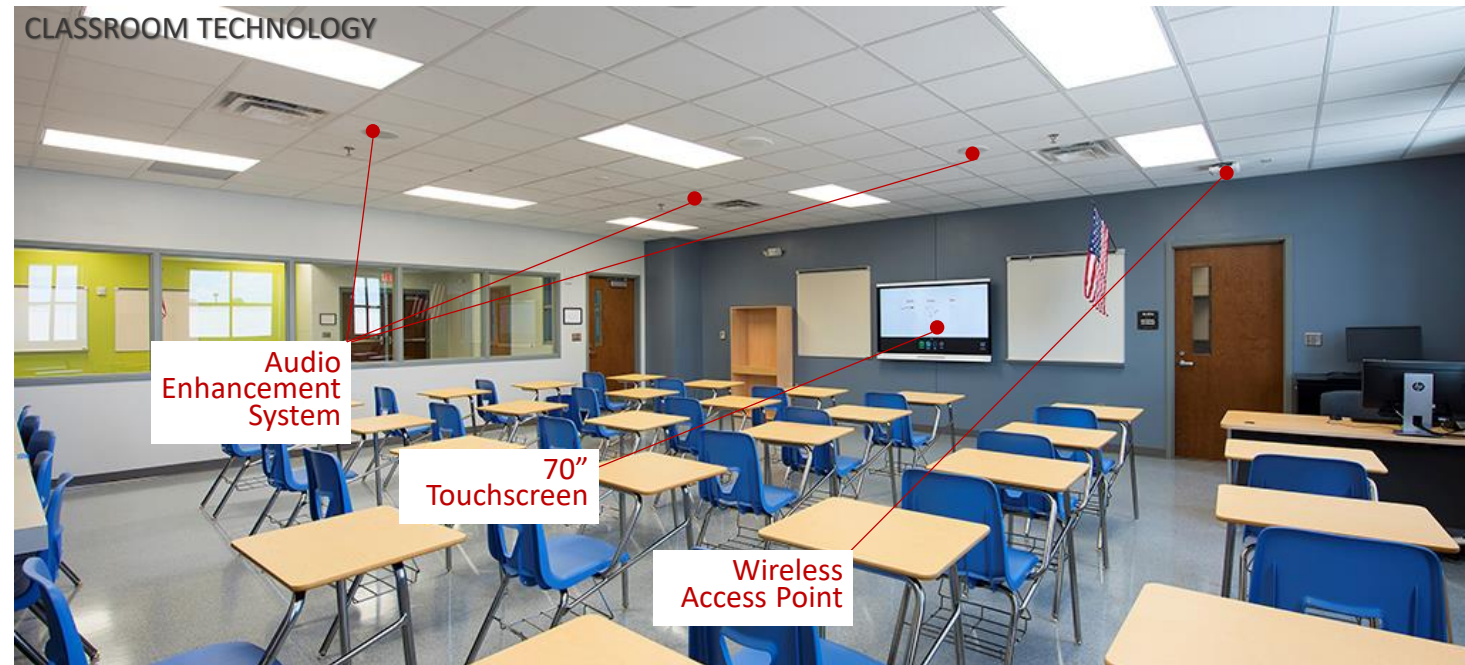
Safety & Security

- 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 80-H-SW-4

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



What to Expect

Work Hours*

Monday – Saturday 6:00am – 6:00pm

* Early morning concrete pours will be necessary and will be in strict accordance with the Orange County noise ordinance

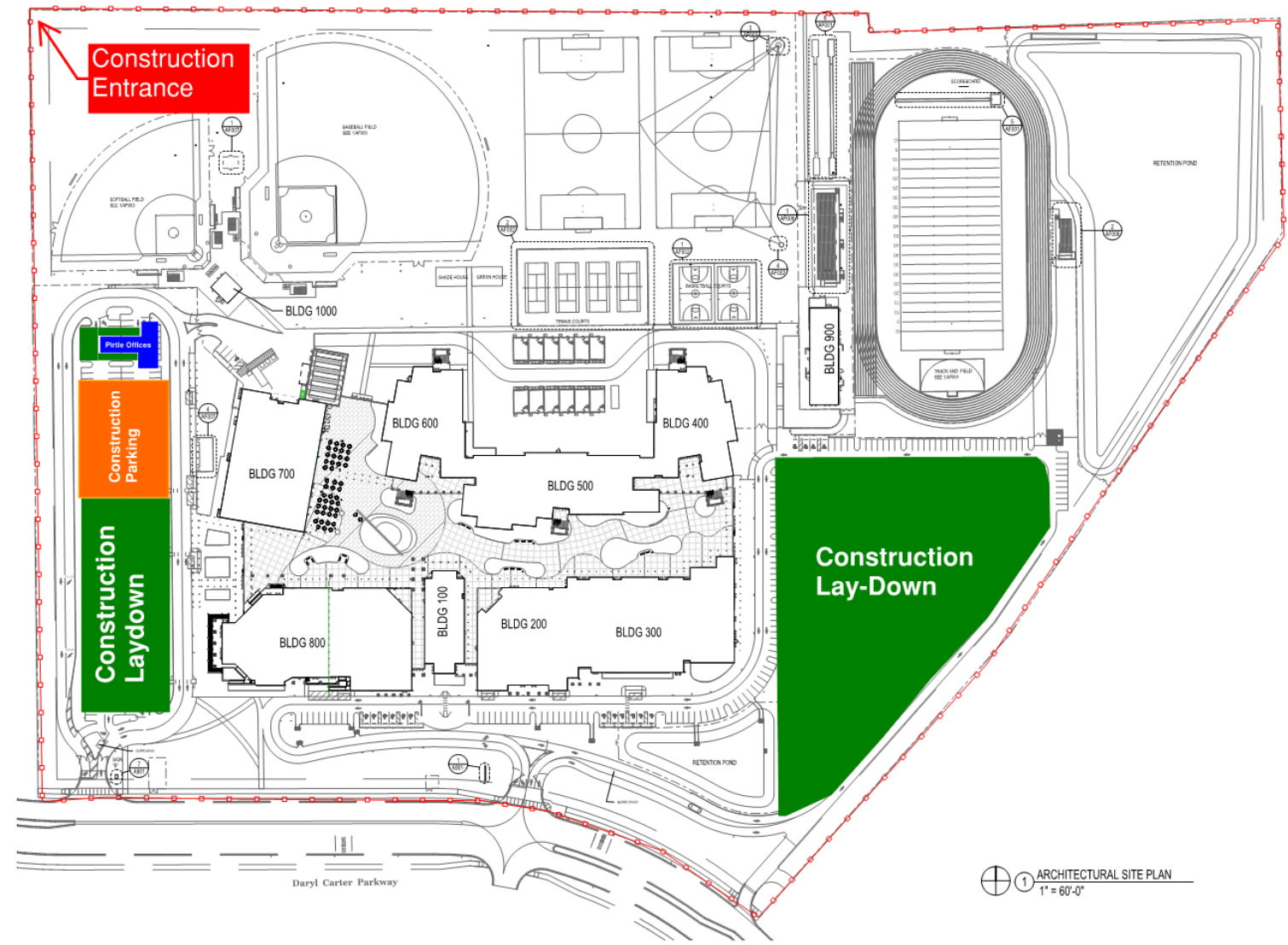
Deliveries

Monday – Friday 6:00am – 6:00pm

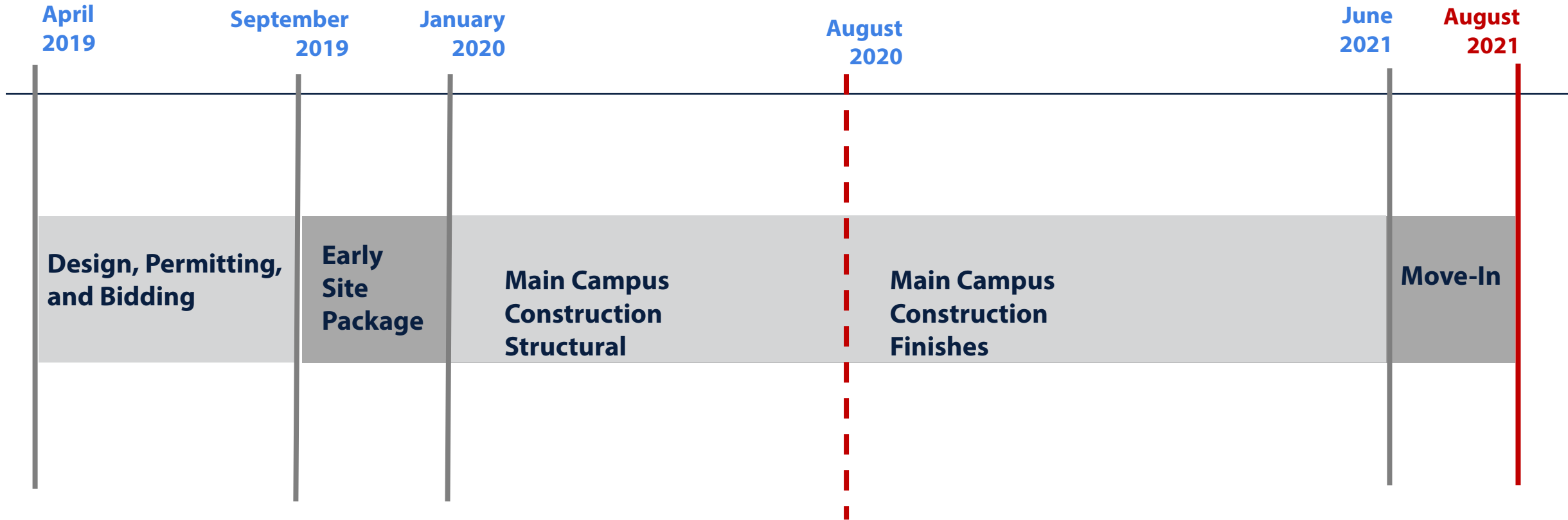
All construction deliveries to enter the jobsite from Fenton Rd.

- Import of over 350,000 CY of Fill = 22,000 trucks
- Concurrent Construction of Daryl Carter Parkway Extension
- No impact to the surrounding community
- Work alongside local law enforcement to ensure the safe driving along Apopka Vineland.

Site Logistic Plan



Planned Schedule



Construction Update and Milestones

- Notice to Proceed (NTP) – Site was September 17, 2019.
- Site clearing, import of fill was completed in December.
- Tilt wall panels were completed in May.
- Structural Steel Erection completed in July.
- Roofing work is 95% complete.
- Installation of deep storm drainage is ongoing.
- Fireproofing of structural steel is ongoing.
- Interior framing and finishes are ongoing.
- Project remains on schedule for Substantial Completion in Summer 2021.



OCPS Site 80H : Job 19666.00
09-19-19





OCPS Site 80H : Job 19666.00
10-23-19





OCPS Site 80H : Job 19666.00
03-06-20





OCPS Site 80H : Job 19666.00
04-07-20





OCPS Site 80H : Job 19666.00
05-21-20





OCPS Site 80H : Job 19666.00
08-06-20



Forming of Slab on Grade



Pouring of Tilt Panels with a Boom Pump

Erection of Tilt Panels with 300 Ton Crawler Crane



Erection of Tilt Panels and Structural Steel

Preparation of Tilt Panels for Structural Steel Installation



Structural Steel for Second Floor Deck

Installation of Deep Storm Drainage Pipe and Structures



Roof Joist and Deck Installation

Pouring of Second Floor Slab



Installation of Roof
Insulation and LWIC

Framing, MEP Hangers and
Rough-in Ongoing



Exterior finishes ongoing



Questions & Answers