Welcome! This meeting will begin shortly.
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 Plan  80-H-SW-4

- Bus Loop & Staff Parking
- Student Stations = 2,776
- Parking = 777 spaces
- Car Stacking = up to 300 cars
- On-site Bus Stacking = 60 buses

- Cafeteria
- 3-Story Academics
- Future Expansion
- Auditorium
- Music
- Admin.
- Media
- Gym
- Parent Drop
- Retention
- Daryl Carter Parkway

- Student Parking
- Visitor Parking
- Fencing
- Full Median Opening
- 0' 200'
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
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
Renderings 80-H-SW-4
Renderings 80-H-SW-4
Renderings 80-H-SW-4
Renderings 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)
Site Program

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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
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.
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
Orange County Public Schools

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
Orange County Public Schools

Pouring of Second Floor Slab

Installation of Roof Insulation and LWIC
Orange County Public Schools

Framing, MEP Hangers and Rough-in Ongoing

Exterior finishes ongoing

Site 80-H-SW-4 High School
Questions & Answers