40% Construction Community Meeting

Site 113-H-W-4

Welcome! This meeting will begin shortly.
Site 113-H-W-4
Meeting Agenda
August 17, 2020, 12:00PM

• Welcome – School Board Member Pam Gould
• Introductions – Lauren Roth, Facilities Communications
• School Update – Laura Beusse, Principal
• Project Update – David Torbert, AIA, NCARB
  Larry Sease, Project Executive
• Questions and Answers
• Adjournment
Welcome Message from District 4 Board Member Pam Gould
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 Laura Beusse

• Introduction
• Site 113-H-W-4 web site: https://www.ocps.net/cms/One.aspx?portalId=54703&pageId=1468939
• Site 113-H-W-4 naming survey: https://forms.gle/4MjWcasuFM2CE637A
• Mascot, Colors
Site Aerial 113-H-W-4

Site 113-H-W-4 (+/-68 Acres)
Site Plan 113-H-W 4

Student Stations = 2,776
Parking = 850 spaces
Car Stacking = up to 300 cars
Bus Driver parking = 75 spaces
On-site Bus Stacking = 40+ buses
Project Basis – OCPS Prototype Site 113-H-W-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
Project Basis – OCPS Prototype Site 113-H-W-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
Renderings 113-H-W-4
Renderings 113-H-W-4
Renderings 113-H-W-4
Renderings 113-H-W-4
Building Program

113-H-W-4
Student Capacity: 2,776
Buildings: 340,000 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

113-H-W-4
Site: +/-68 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
  (+/-850 Spaces)
Parent Drop off / pick up
Bus Loop (up to 60 buses)
Bus parking (up to 75 buses)
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Cars and Buses
Student and Faculty parking
  (+/-850 Spaces)
Parent Drop off / pick up
Bus Loop (up to 50 buses)
Bus Driver parking = 75 spaces
Bus Parking (up to 75 buses)
Additional Features 113-H-W-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 113-H-W-4

**Sustainable Design Criteria**

**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
113-H-W-4

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 Frontage Rd.

Road Closures
Frontage Rd. will be closed except to construction related traffic and for access to the adjacent solar field.

Limited single lane closure will be required along Seidel Rd. at times throughout the project to complete work located immediately adjacent to traffic lanes.

Summerlake Groves St. at Seidel Rd. will be closed to reconfigure the entrance for school bus traffic.
Site 113-H-W-4
Site Map

Building 100 – Administration
Building 200 – Media
Building 300 – Gymnasium
Building 400 – Classrooms
Building 500 – Classrooms
Building 600 – Classrooms
Building 700 – Cafeteria/Kitchen
Building 800 – Auditorium
Building 900 – Field House
Building 1000 - Concessions
**Site 113-H-W-4**

**Project Schedule**

- **Design, Permitting, and Bidding**
  - April 2019

- **Early Site Package**
  - November 2019

- **Main Building Package Structural**
  - February 2020

- **Main Building Package Finishes**
  - August 2020

- **Move-In**
  - Summer 2021
  - August 2021
Site 113-H-W-4
November 2019

- Mobilization
- Clearing/grubbing
- Earthwork
Site 113-H-W-4
December 2019

- Clearing/grubbing
- Earthwork
- Underground Utilities
Site 113-H-W-4
January 2020

- Earthwork
- Underground utilities
- Temporary roads
- Reedy Creek access
- Pond excavation
- Building pads
- Bus parking base
Site 113-H-W-4
February 2020

- Earthwork
- Foundations
- Underground MEPF
Site 113-H-W-4
March 2020
Site 113-H-W-4
April 2020

- Earthwork
- Slabs on grade
- Casting beds
- Tilt wall panel fabrication
Site 113-H-W-4
May 2020
Site 113-H-W-4
June 2020
- Tilt wall erection
- Structural steel installation
- Roofing
Site 113-H-W-4
July 2020
- Structural steel installation
- Roofing
- Interior buildout
- Asphalt paving
Site 113-H-W-4
Upcoming Milestones

- Permanent power complete in September 2020
- Campus wide roofing dry in complete in September 2020
- HVAC chiller startup in November 2020
- Traffic signalization/roadway improvements complete in March 2021
- Substantial completion Summer 2021
- School opening in August 2021
Questions & Answers