



100% Design/ Construction Kick-Off Community Meeting

Winter Park HS Comprehensive Renovation

May 17, 2023

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



Their Success. Our
Your Support. Their
Our Promise. Your
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Winter Park HS Meeting Agenda

May 17, 2023, 6:00PM

- Welcome: School Board Member Karen Castor Dentel
- Introductions: Jessma Lambert, Facilities Construction Planning
- Architect: C.T. Hsu + Associates
- Construction Manager: CPPI
- Thought Exchange
- Questions and Answers
- Adjournment



Welcome Message

*From District 6 Board
Member Karen Castor Dentel*



CAMPUS AERIAL

PROJECT DATA

Year Opened: 1969-70

2,555 Student Stations

Total Building Area: 369,323 Gross SF

Total Parking Spaces: 848

Site Area:
55.6 Acres



CAMPUS WIDE SCOPE OVERVIEW

MAIN BUILDINGS



- **Buildings 100:**
Administration



- **Buildings 200, 300, 800:**
Classrooms



- **Buildings 400:**
Gymnasium



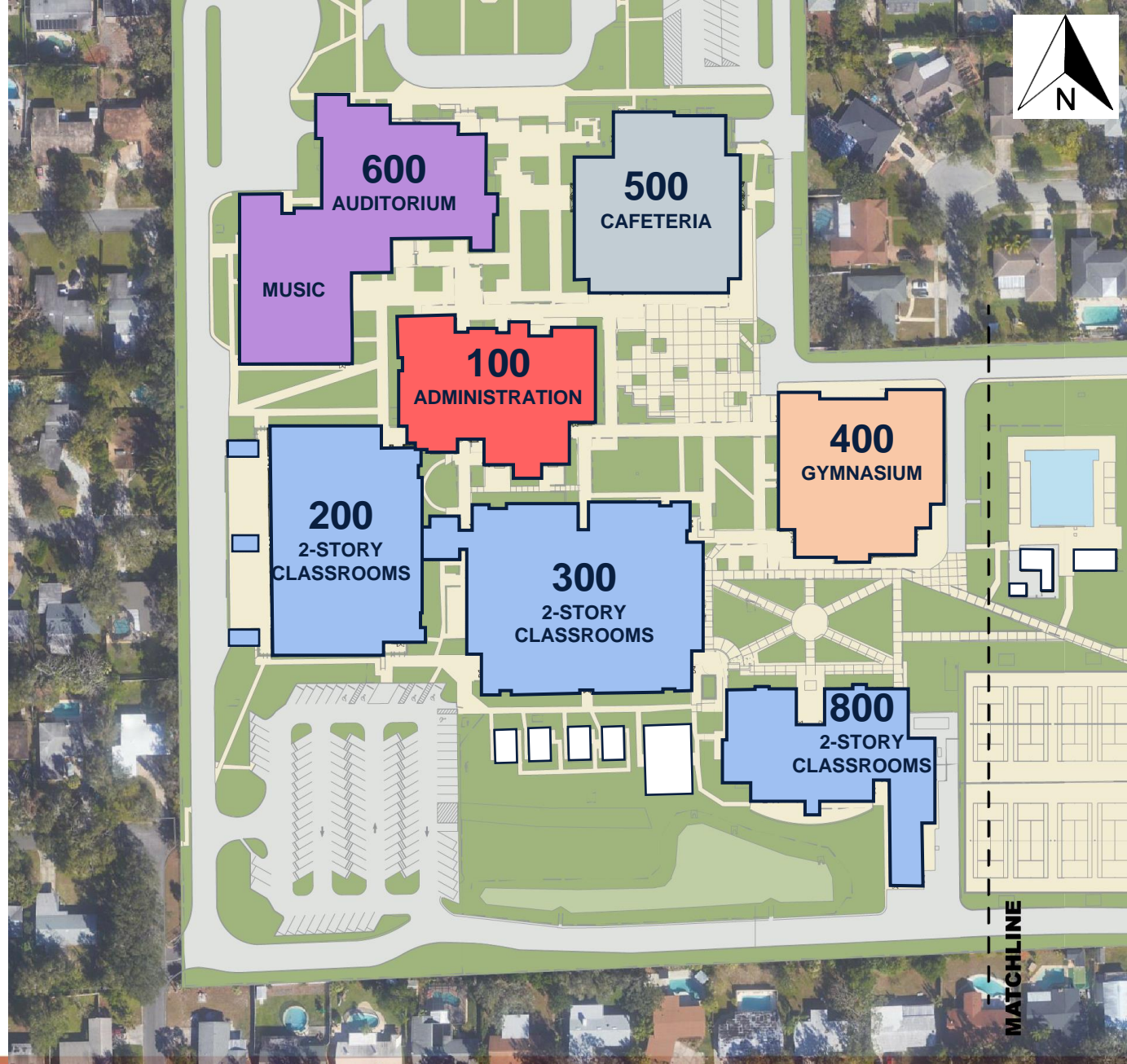
- **Buildings 500:**
Cafeteria



- **Buildings 600:**
Auditorium


SCOPE:

- New HVAC equipment and CEP, safety systems.
- New Roofing all buildings.
- Repair brick, repaint all exteriors.
- Repaint all interiors.
- Add elevators.



SCOPE OVERVIEW

ATHLETIC BUILDINGS

-  • **POOL COMPLEX**
Repairs to pool finish, deck and surrounding erosion.
-  • **BLDG. 700 FIELD HOUSE**
Select finishes, H.V.A.C., systems.
-  • **Baseball Softball:**
Renovate facilities.

SCOPE:

New finishes baseball, softball locker rooms.

Repair all bleachers.

New dugouts at baseball.

New finishes & fixtures at restroom building.



SITE IMPROVEMENTS

PROPOSED SCOPE OF WORK

- Reconfigure Bus loop to improve traffic flow.
- Replace old galvanized fencing.
- Provide concrete sidewalks at missing locations required for egress.
- Replace damaged concrete walk panels.
- Correct erosion and ponding problems.
- Re-landscape the campus and remove trees and shrubs in poor condition in select areas.
- Resurface tennis courts.



SAFETY AND SECURITY

- Fire alarm system replacement and upgrade to voice evacuation.
- Intercom system to be replaced.
- Intrusion detection system replacement.
- Radio communications enhancement was recently installed and will remain as existing.
- Security cameras system upgrade of existing plus additional locations.



CAMPUS WIDE SYSTEMS REPLACEMENT

HEATING, VENTILATING AND AIR CONDITIONING (HVAC) SCOPE

- Replacement of the Central Energy Plant (CEP), including new air cooled chillers, pumps, piping, and electrical system.
- Replacement of all chilled water valves, exhaust fans and outside air dampers.
- Replacement of all air-handling units (AHUs).
- Replacement of the existing building automation system (BAS).
- Rebalancing of all HVAC systems.
- Commissioning of 100% of the HVAC system and controls to confirm proper operation.



BUILDING 100

ADMINISTRATION / MEDIA

Improvements

- New sallyport front entrance.
- Remodel of Administration.
- Remodel of Media Center.
- Replacing damaged cabinets.
- Replace interior signage.
- Adding elevator at Media Center.



BUILDING 200, 300 & 800 **CLASSROOMS**

Improvements

- New select finishes, furniture & equipment.
- New Culinary Arts.
- New ESE spaces.
- Add elevator between Bldgs. 200 & 300.
- Replace damaged cabinets.
- Replace interior signage.
- Paint interiors with accent colors for better wayfinding.

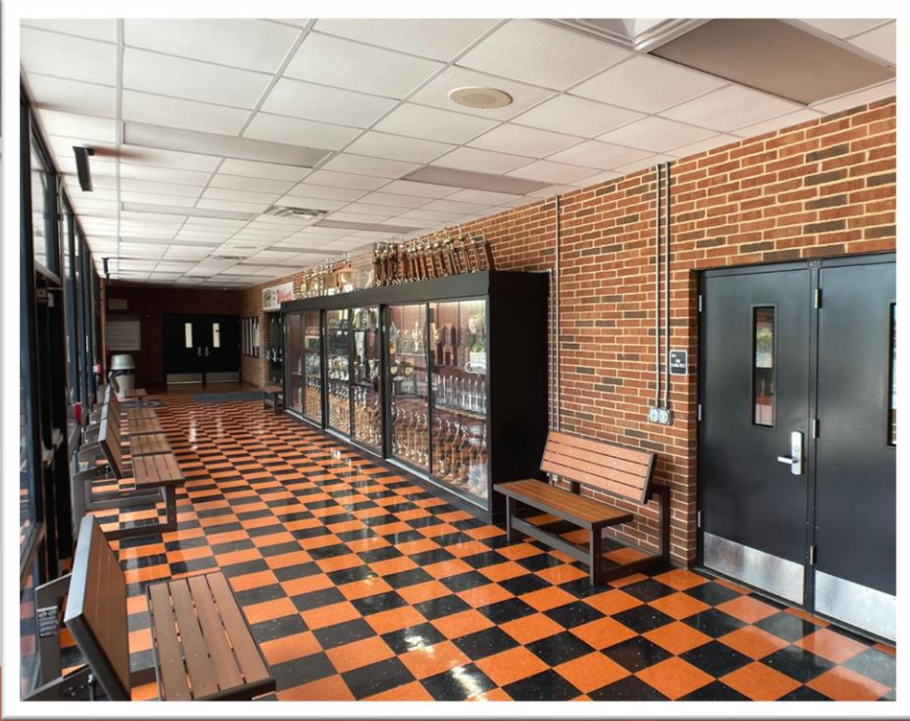
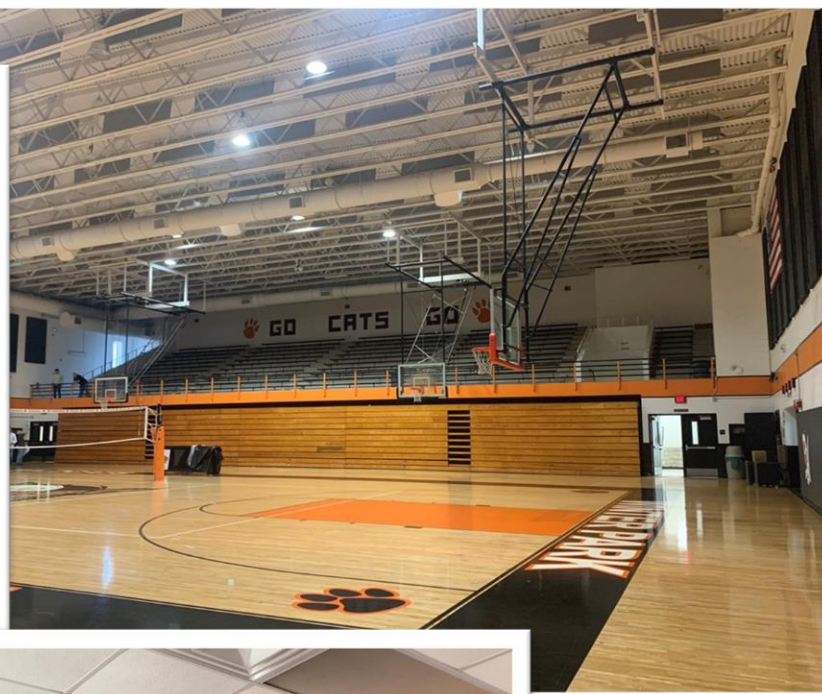
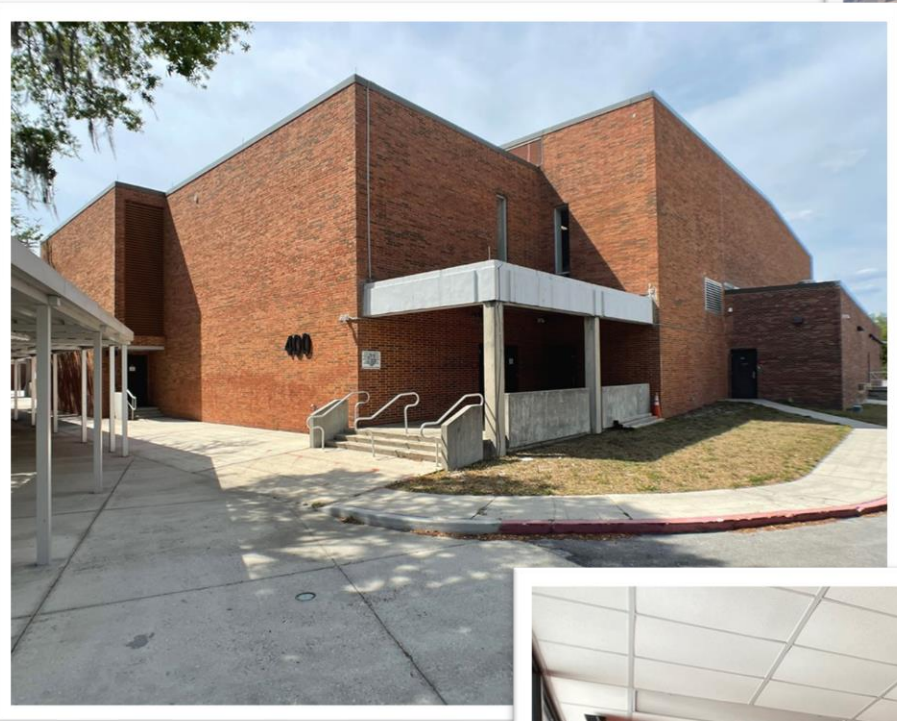


BUILDING 400

GYMNASIUM

Improvements

- New bleachers.
- New acoustical panels.
- New basketball backboards.
- Replace interior signage.
- New sound system.
- Add elevator to classrooms.
- Ice machines added to concessions and training room.
- Commercial washer/dryer in laundry room.

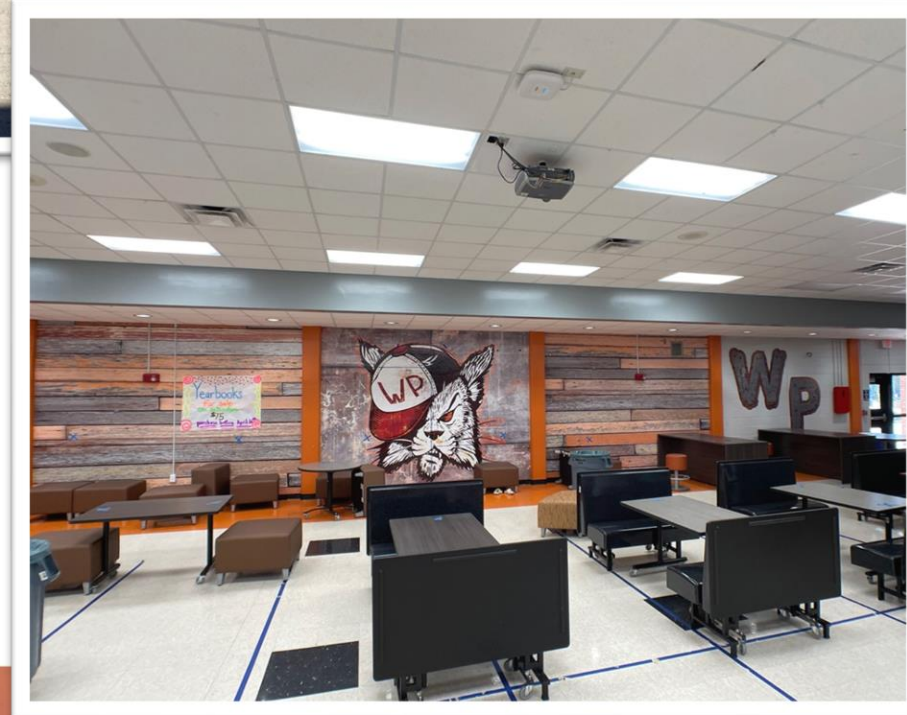


BUILDING 500

CAFETERIA

Improvements

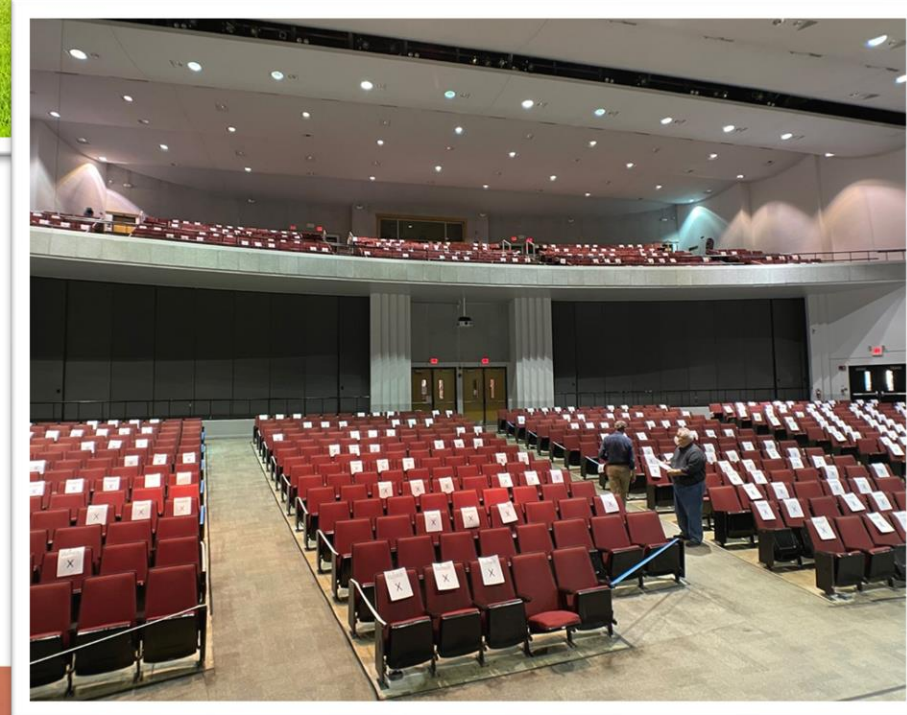
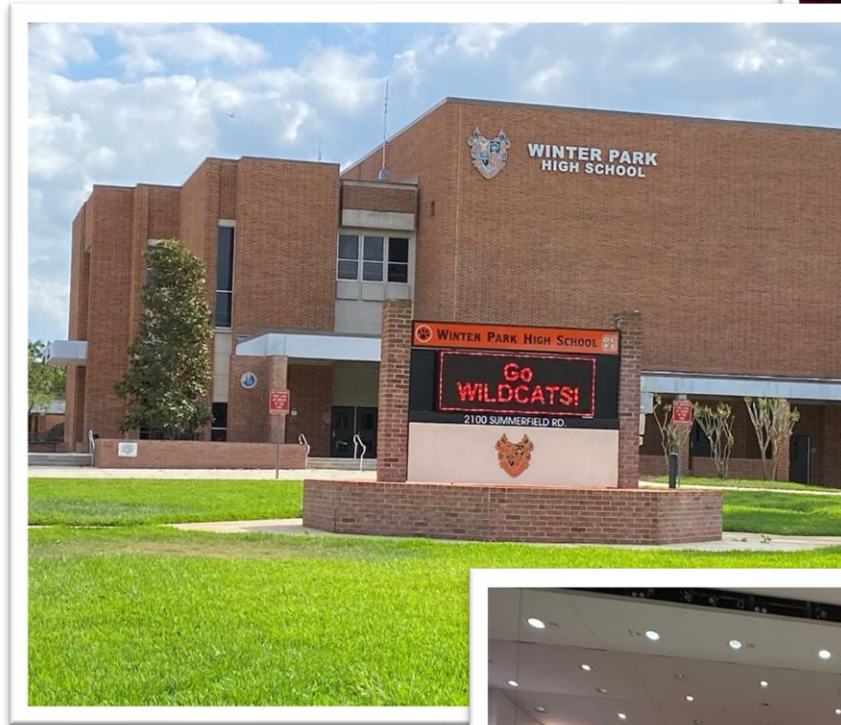
- New serving lines.
- Replace interior signage.
- Add safety fencing at courtyard.
- Repair concrete dining patio.



BUILDING 600 **AUDITORIUM**

Improvements

- New finishes, auditorium seating.
- New Stage Lighting Package.
- New Stage Rigging.
- New Sound System.
- Replace Folding Partitions at Auditorium.
- Replace interior signage.



60% Community Input

- Gym Bleachers.
- Ice Machines and Washer/Dryer at Gym.



Sustainability

Winter Park HS will be designed to meet Green Globes sustainable building standards metrics.



Planned Sustainable Design and Engineering Features Include:

Site

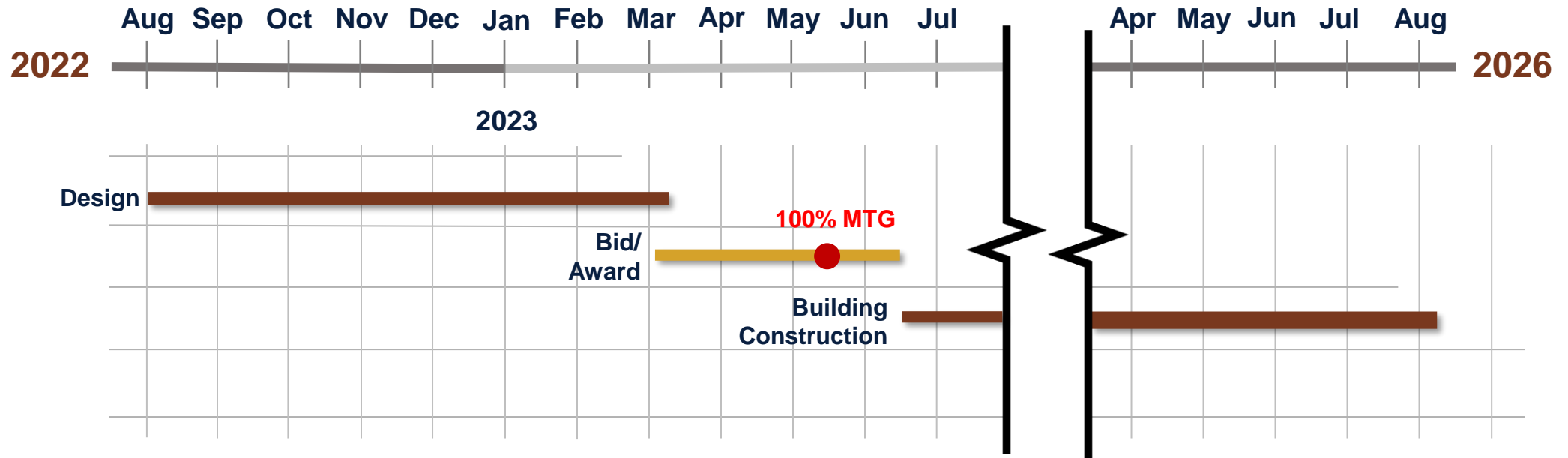
- Native/low water plants – reduce water consumption; and
- Low Impact Design (LID) stormwater design.

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 film;
- Enhanced building envelope thermal performance; and
- Fully automated building controls systems.

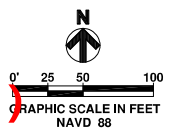


Design & Proposed Construction Schedule



PHASE 1 (Summer 2023 - July 2024)

1. Mobilization
2. Chiller Yard
3. Elevators Shafts
4. Misc Fencing
5. Pool Renovations (April 15th-July 2024)
6. North Fire line
7. Shade House Water Line
8. Culinary Reno (April-Aug 2024)
9. Bldg 100 Add/Reno April - Summer 2024)
10. Bldg 1200, 1300, 1400, 1600, 1700
11. Bldg 700 (Summer 2024)
12. Bldg 500 (Summer 2024)
13. CWP Replacement



LEGEND:

- PROPERTY LINE
- ROAD (SEE PLAN FOR ROAD WIDTH)
- EXISTING MAINTENANCE (SEE PLAN FOR DETAILS)
- NEW MAINTENANCE (SEE PLAN FOR DETAILS)
- EXISTING SIDEWALK (SEE PLAN FOR DETAILS)
- NEW SIDEWALK (SEE PLAN FOR DETAILS)
- EXISTING DRIVEWAY (SEE PLAN FOR DETAILS)
- NEW DRIVEWAY (SEE PLAN FOR DETAILS)
- EXISTING FENCE (SEE PLAN FOR DETAILS)
- NEW FENCE (SEE PLAN FOR DETAILS)

NOTES:

1. INCLUDE ALL ABOVE GRADE UTILITIES (WATER, SEWER, GAS, ETC.) WITH IN BLOCK WALL COINTEGRATED WITH IN PLACE WITH 1" MIN. CONC. COVER.
2. REMOVE EXISTING ABOVE PROPERTY LINE UTILITY AND REPLACE WITH IN PLACE WITH 1" MIN. CONC. COVER.
3. REMOVE AND REPLACE ALL EXISTING CLUT PIPING.

WORK HOURS
6:30 AM - 5 PM
Monday-Friday

REVISIONS	DATE	BY

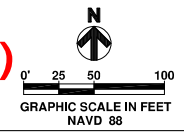
Architect: **CT. HSI + ASSOCIATES P.A.**
630 First Avenue
Orlando, FL 32803
Tel: 407.424.1178
License: BA-C-00222

RK HIGH SCHOOL
SIVE NEEDS
No: C-0123



PHASE 2 (Sept 2024 - July 2025)

1. Clay Pipe Replacement
2. Concrete Hardscape
3. Auditorium Renovation (June 2024 - December 2024)
4. Exterior Storm in Courtyards Summer 2025
5. ESE Portable (Summer 2025)
6. Bldg 800 (Summer 2025)
7. Bldg 400 (Summer 2025)



LEGEND:

- PROPERTY LINE
- EXISTING CONCRETE DRIVE (SEE PLAN FOR DETAILS)
- EXISTING ASPHALT DRIVE (SEE PLAN FOR DETAILS)
- EXISTING SIDEWALK (SEE PLAN FOR DETAILS)
- EXISTING DRIVE (SEE PLAN FOR DETAILS)
- EXISTING DRIVE (SEE PLAN FOR DETAILS)
- EXISTING DRIVE (SEE PLAN FOR DETAILS)

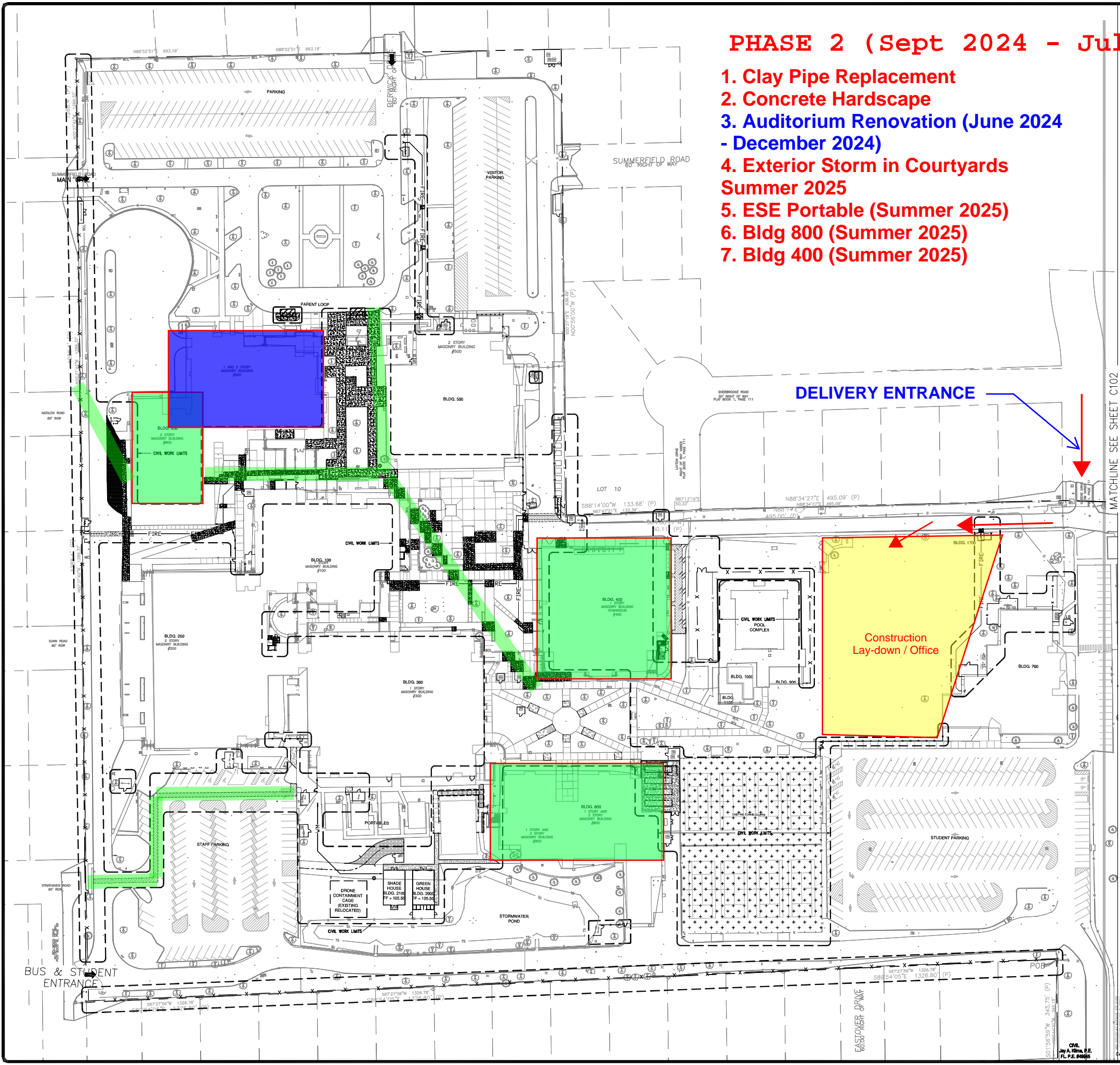
NOTES:

1. REMOVE ALL ABOVE GRASSES, WEEDS, BRUSH, LIMBS, ETC. WITH 1" BLACK WIRE COATED TIEBACK WITH 1" G.C. W/ 3" G.C. BRUSH COPPER.
2. REMOVE EXISTING ASPHALT DRIVE AT DRIVE AND REPLACE WITH 1" BLACK WIRE COATED TIEBACK.
3. REMOVE AND REPLACE ALL EXISTING CLAY PIPEWORK.

WORK HOURS
6:30 AM - 5 PM
Monday-Friday

DELIVERY ENTRANCE

Construction Lay-down / Office



MATCHLINE SEE SHEET C102

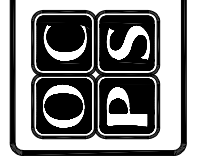
REVISIONS	DATE	BY

Architect

C.T. HSJ + ASSOCIATES P.A.
ARCHITECTS
630 First Avenue
Orlando, FL 32803
Tel: 407.424.4178
LICENSE #MC-00222

WINTER PARK HIGH SCHOOL
COMPREHENSIVE NEEDS
OCPS PROJ. No: C-0123
SITE PLAN

ORANGE COUNTY PUBLIC SCHOOLS
FACILITIES SERVICES
BLDG. 200, 6501 MAGIC WAY ORLANDO, FLORIDA 32809



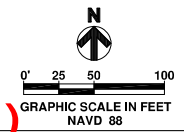
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SHEET NUMBER: **C101**
OF 1046



Civil
Jay A. Klima, P.E.
FL P.E. #9996
Certificate of Authorization No.: 9230

PHASE 3 (June 2026 - August 2026)

1. Bldg 200 CLASSROOMS
2. Bldg 300 CLASSROOMS



LEGEND:

- PROPERTY LINE
- EXISTING CURB (SHOWN FOR REFERENCE)
- EXISTING SIDEWALK (SHOWN FOR REFERENCE)
- EXISTING DRIVE (SHOWN FOR REFERENCE)
- EXISTING DRIVE (SHOWN FOR REFERENCE)
- EXISTING DRIVE (SHOWN FOR REFERENCE)
- EXISTING DRIVE (SHOWN FOR REFERENCE)

NOTES:

1. INCLUDE ALL ABOVE GRADING DETAILS, INCLUDING, ETC. WITH A BLACK WIRE COATED TIEBACK WITH 1" DIA. WEL. P. Q.S. 30000 LB. CAPACITY.
2. REMOVE EXISTING ALUMINUM PORTALS AND RELOCATE TO NEW LOCATION WITH 1" DIA. WEL. P. Q.S. 30000 LB. CAPACITY.
3. REMOVE AND REPLACE ALL EXISTING GLASS PARTITIONS.

WORK HOURS

6:30 AM - 5 PM
Monday-Friday

REVISIONS	DATE	BY

Architect

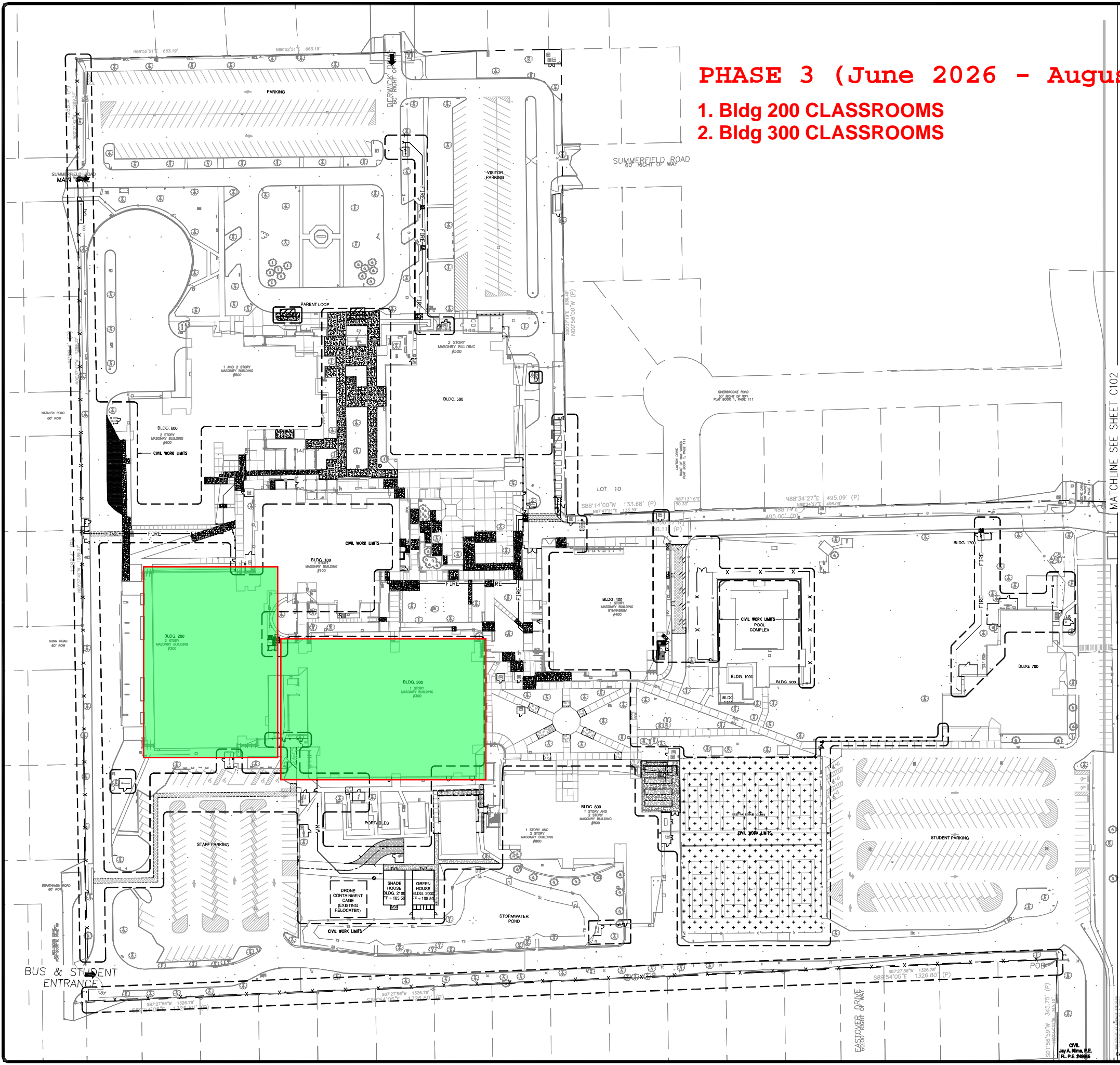
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ARCHITECTS
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Tel: 407.424.4178
LICENSE: BA-C-00222

WINTER PARK HIGH SCHOOL
COMPREHENSIVE NEEDS
OCPS PROJ. No: C-0123
SITE PLAN

ORANGE COUNTY PUBLIC SCHOOLS
FACILITIES SERVICES
BLDG. 200, 6501 MAGIC WAY ORLANDO, FLORIDA 32809

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OF 1046

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MATCHLINE SEE SHEET C102

Klima Weeks
CIVIL ENGINEERING

Civil
Jay A. Klima, P.E.
FL P.E. #6666
Certificate of Authorization No.: 9230

Questions & Answers

This Community Meeting Presentation is posted at facilities.ocps.net and on the School Board Member's page.

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Thank You



**Orange County
Public Schools**