

September 19, 2022

30% Design Community Meeting

Winter Park HS Comprehensive Renovation

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



**Orange County
Public Schools**

Winter Park HS Meeting Agenda

September 19, 2022, 6:00PM

- Welcome: School Board Members Karen Castor Dentel, Angie Gallo
- Introductions: Jessma Lambert, Facilities Construction Planning
- Architect: C.T. Hsu + Associates, PA
- Questions and Answers
- Adjournment

***Welcome Message from
District 6 Board Member
Karen Castor Dentel
&
District 1 Board Member
Angie Gallo***



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



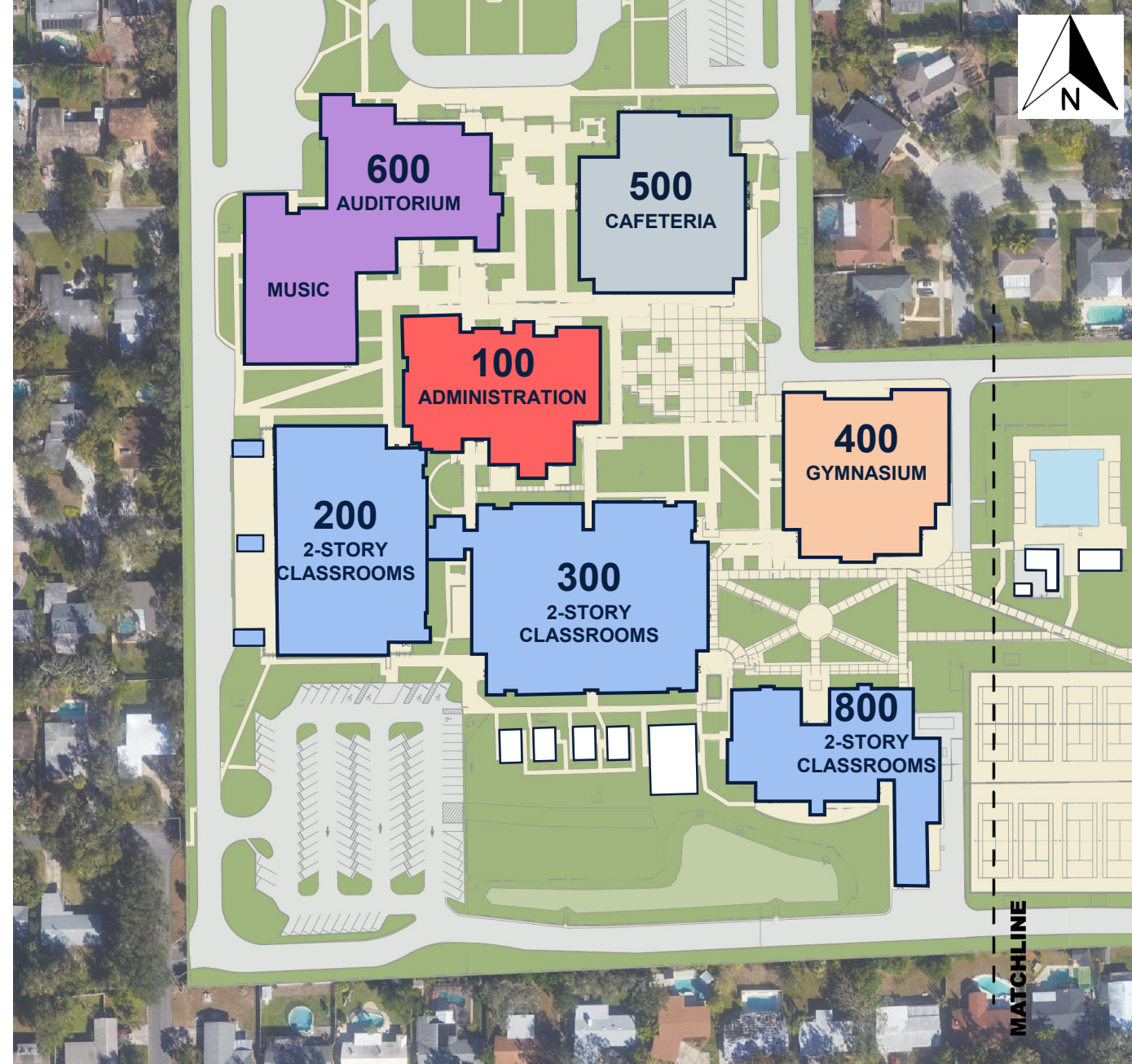
CAMPUS WIDE SCOPE OVERVIEW

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.
- Replace damaged cabinets.
- Replace interior signage.
- Paint interiors with accent colors for better wayfinding.

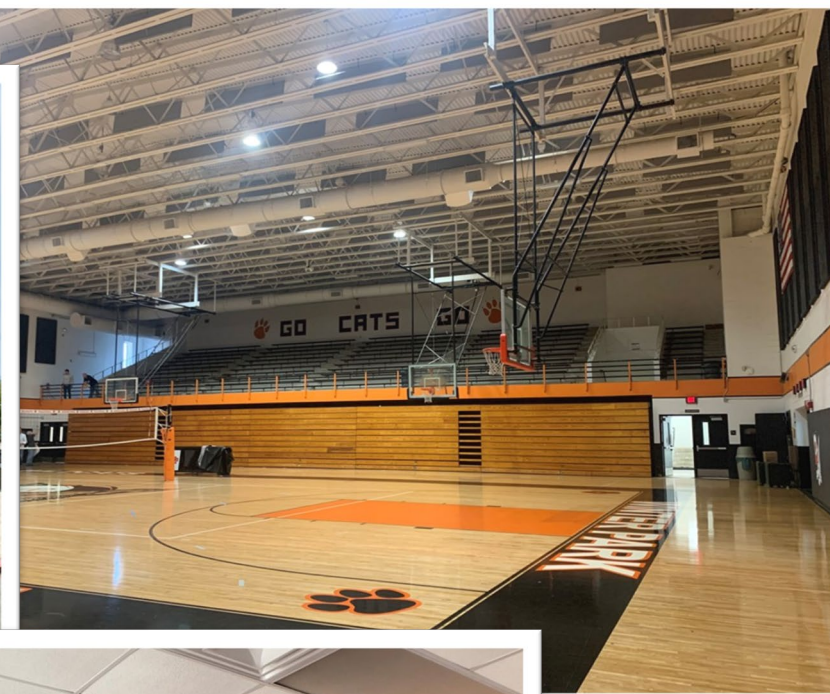


BUILDING 400

GYMNASIUM

Improvements

- New bleachers.
- New acoustical panels.
- New basketball backboards.
- Replace interior signage.
- New sound system.
- Add elevator to classrooms.



BUILDING 500

CAFETERIA

Improvements

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

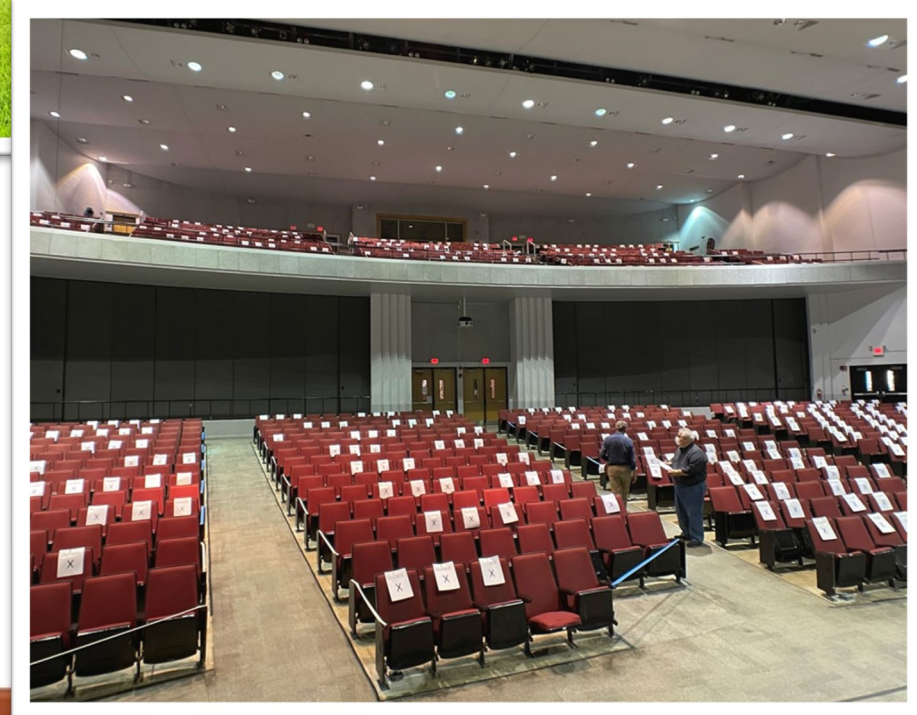


BUILDING 600

AUDITORIUM

Improvements

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

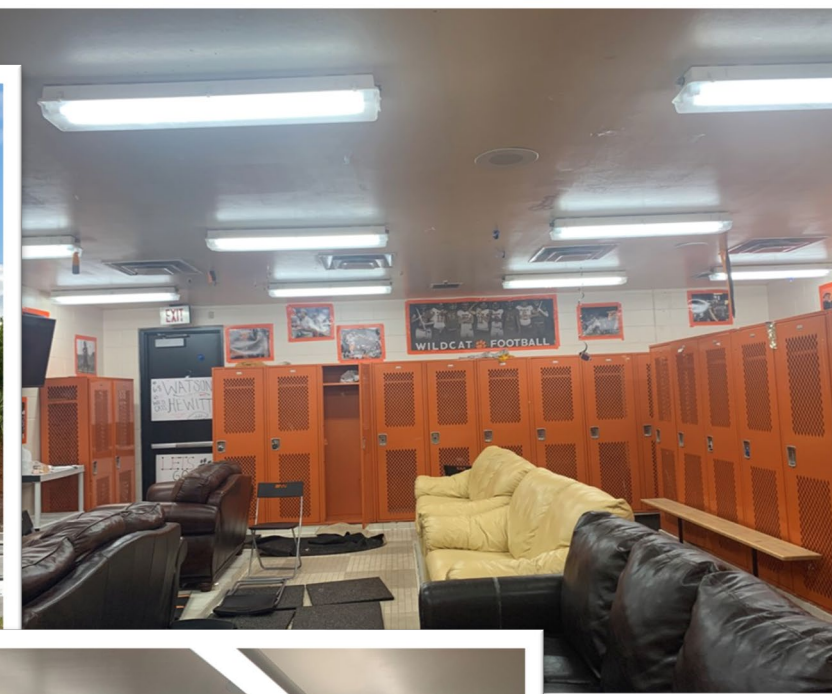


BUILDING 700

FIELD HOUSE

Improvements

- New select finishes, furniture & equipment.
- New landscaping and sidewalks.
- Replace interior signage.
- Repaint interior.
- Remodel restroom.



POOL COMPLEX

Improvements

- Replace exterior doors.
- Repair pool deck and erosion.
- Repair pool finishes.
- Repaint exterior.



BUILDING 1200

ATHLETIC BUILDINGS

Improvements

- Renovate locker rooms.
- Select finish replacement.
- Repair damaged cabinets.
- Replace interior signage.
- Repaint exteriors.
- Replace wooden stairs.



Sustainability

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



Planned Sustainable Design and Engineering Features Include:

Site

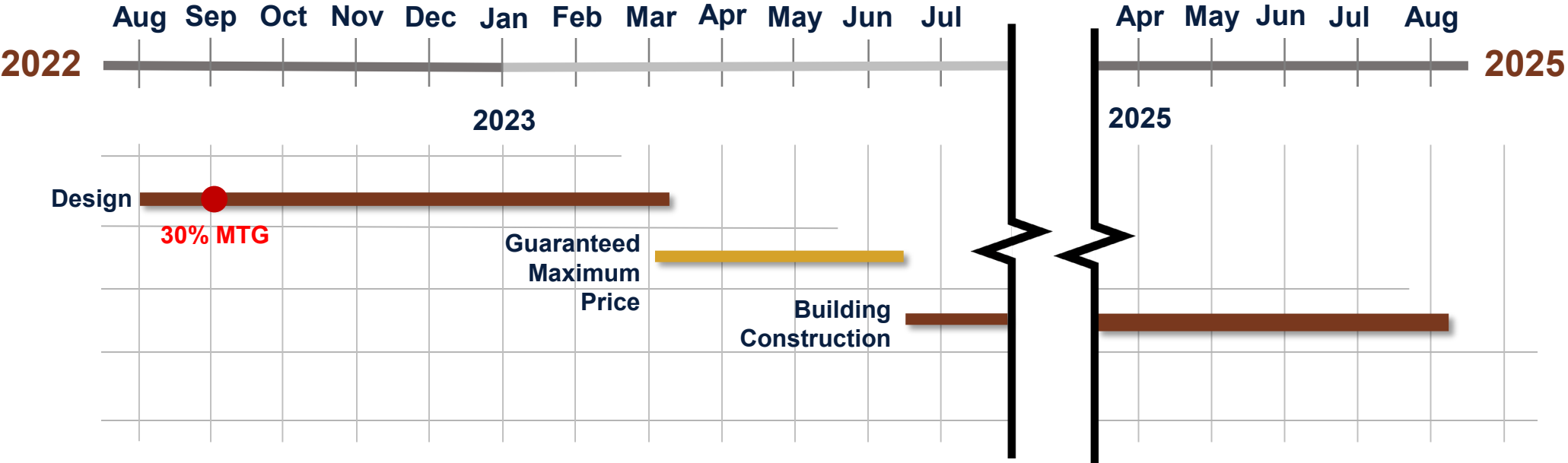
- Native/low water plants – reduce water consumption; and
- Low Impact Design (LID) stormwater design.

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 & Construction Schedule





**Thank you to the Orange County taxpayers, who
make our construction program possible.**

Questions?