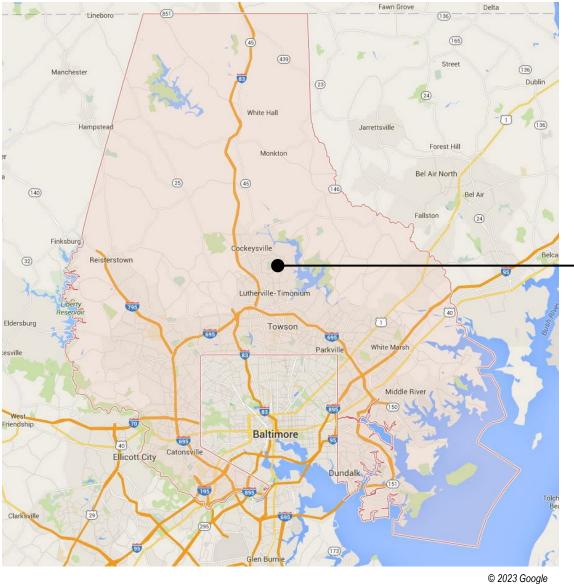


### **AGENDA**

- General Information
- **Project Goals**
- Project Value Engineering Measures
- Project Location
- **Site Conditions**
- **Building Organization**
- **Renderings and 3D Animations**
- **Project Schedule Overview**
- **Questions**



## **REGIONAL MAP**



**Dulaney High School** 255 E Padonia Rd, Timonium, Md 21093

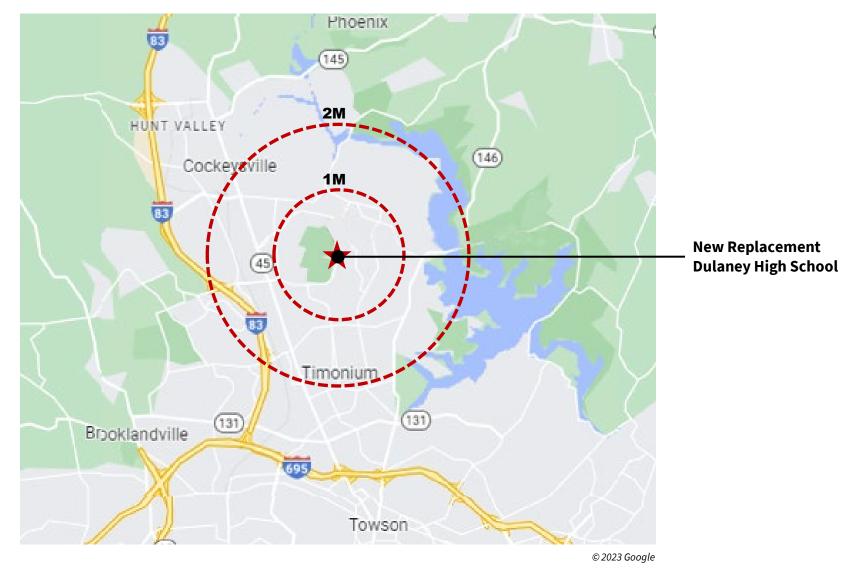




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## **VICINITY MAP**

BALTIMORE COUNTY MIDDLE, SECONDARY SCHOOLS



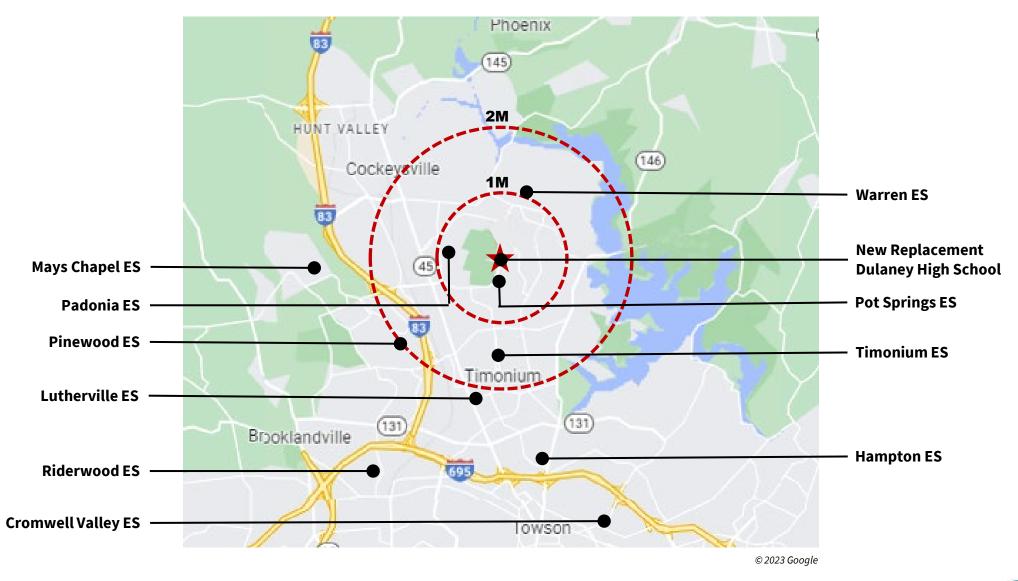




January 11, 2024

## **VICINITY MAP**

BALTIMORE COUNTY MIDDLE, SECONDARY SCHOOLS

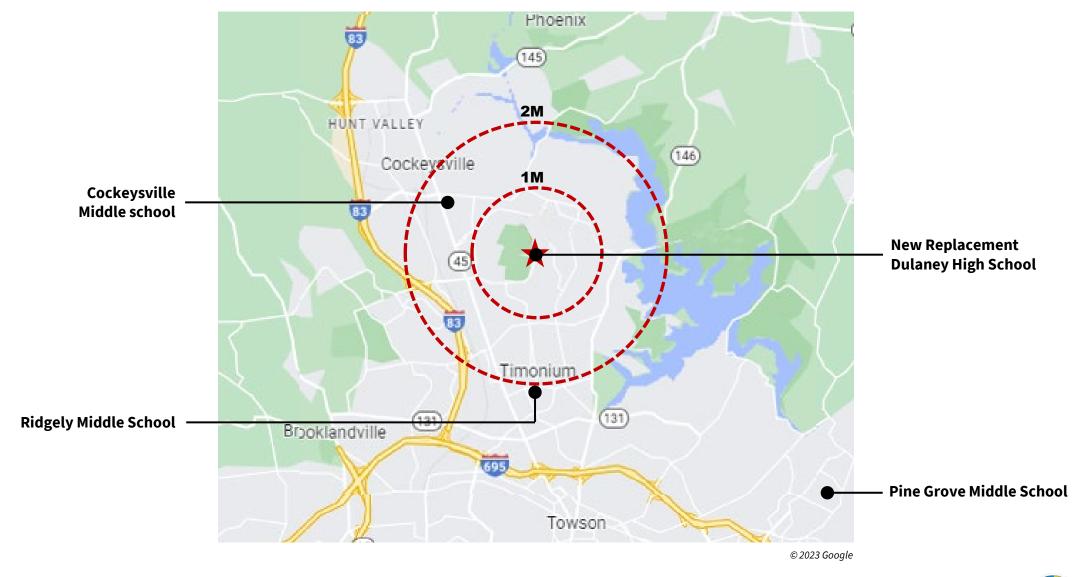




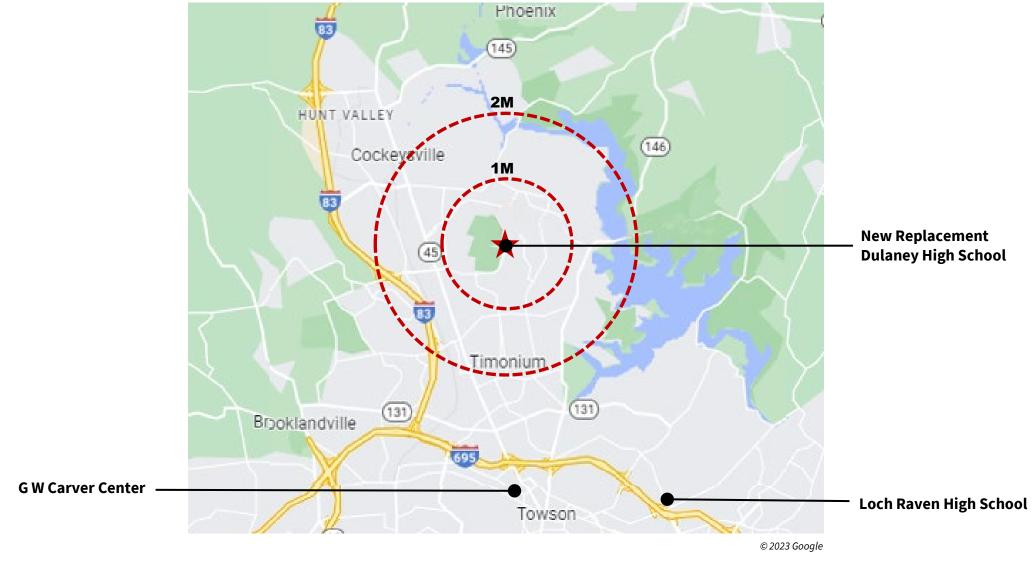


## **VICINITY MAP**

BALTIMORE COUNTY MIDDLE, SECONDARY SCHOOLS









#### GENERAL INFORMATION

### **Dulaney High School Replacement**

- "Instruction Drives Facilities"
  - Student-Centered
- New School Building Developed on an Occupied Site
- Development of BCPS High School
  - Multiple Charrettes with BCPS
    - Education Specification Development
    - High School Vision
    - Design Charrettes

#### **Enrollment Information**

Target SRC 2,019

 Core SRC 2,200

### **Regional Programs**

- Functional Academic Learning Support (FALS)
- Communication Learning Support (CLS)



#### PROJECT GOALS

## **Support 21<sup>st</sup> Century Learning Techniques**

- Create Collaborative Expanded Learning Spaces
  - Collaborative Learning Area within Academic Areas
  - Centralized Multi-Functional Learning Commons
  - **Outdoor Classroom Spaces**
  - Flexible Learning Spaces
  - **CTE Programs** 
    - HVAC Careers
    - Career and Research Development
    - Project Lead the Way: Pre-Engineering
    - Food and Beverage Management (ProStart)
- State Tech Ed Credit
- **Computer Science Careers**
- **Business Management Careers**
- **Homeland Security**

## **Sustainable Design Strategies**

- Achieve Green Globes Certification for (2) Green Globes
- Maximize energy efficiency
  - Building Envelope with High Thermal Resistance
- Solar Ready Roof
- **Security Provisions** (Crime Prevention Through Environmental Design)
  - Secure Vestibule at Main Entry Limiting Access During School Day
  - Admin and Faculty Spaces Located to Allow for Passive Supervision
  - Public Spaces can be Isolated for After-Hours Use
  - Simple Floor Plan Easily Supervised by Staff
  - **Security Cameras**



#### PROJECT GOALS

#### Site

- Separate Buses, Cars and Pedestrians
- Close Access to Stadium from Parking

#### **Architectural**

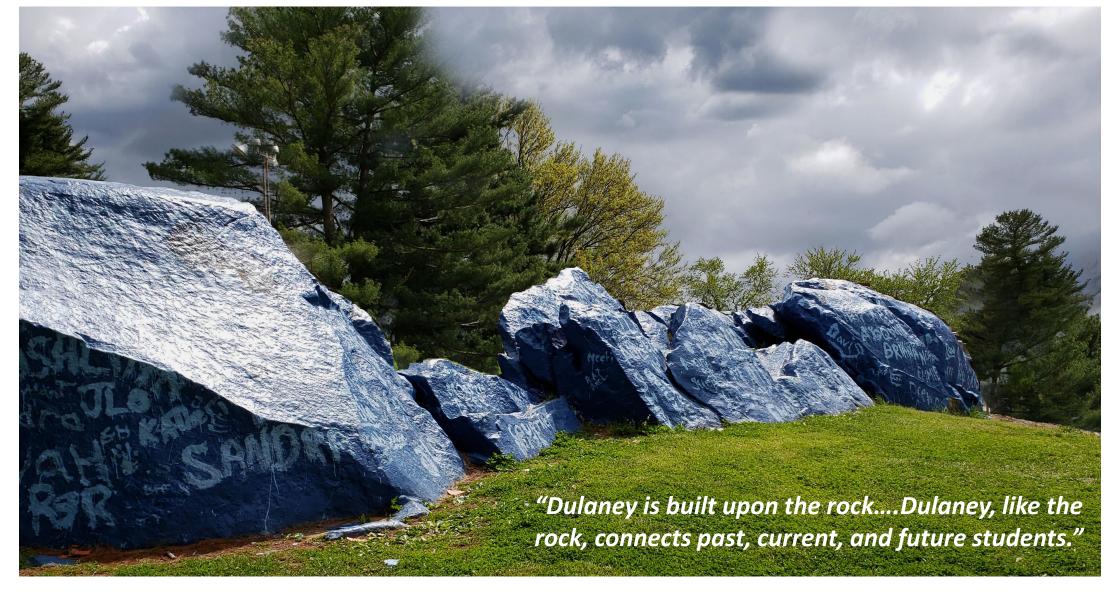
- Improve Building Efficiency
- Simplification of Building Footprint
- Standardize Spaces
- Standardize Window and Door Openings

## **Unique Design Features**

- Compact Footprint and Spatial Arrangement Maximizes Daylight and Views
- **Building Configuration Provides Ultimate Flexibility** 
  - Standardized Classrooms
  - Multiple Collaborative Learning Areas Throughout
- Maximize Site for Learning and Athletics
- Configured the Gymnasium and Auxiliary Gym to Accommodate Larger Events
- Master Planned Future Addition on Site
- Outdoor Classroom Spaces
- Celebrate the School's History, Culture, and "The Rock"



# **UNIQUE DESIGN FEATURES**





## **COMMUNITY ENGAGEMENT**

Engagement Activities	Date
Design Start	April 2023
1 <sup>st</sup> Community Meeting	May 18, 2023
School Champions Meeting	September 28, 2023
Board of Education Meeting	December 5, 2023
2 <sup>nd</sup> Community Meeting	January 11, 2024



# **COMMUNITY MEETING #1 – MAY 18, 2023**



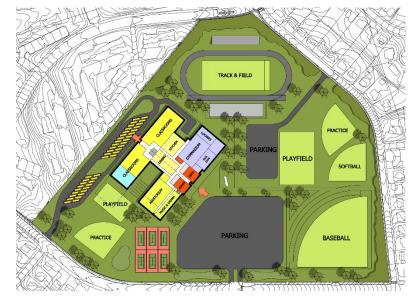


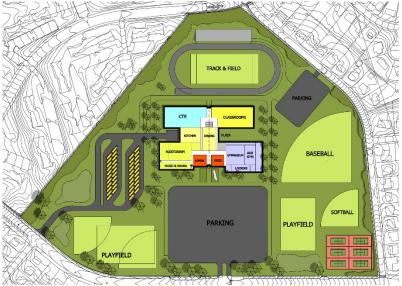






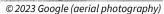
# **COMMUNITY MEETING #1 – MAY 18, 2023**

















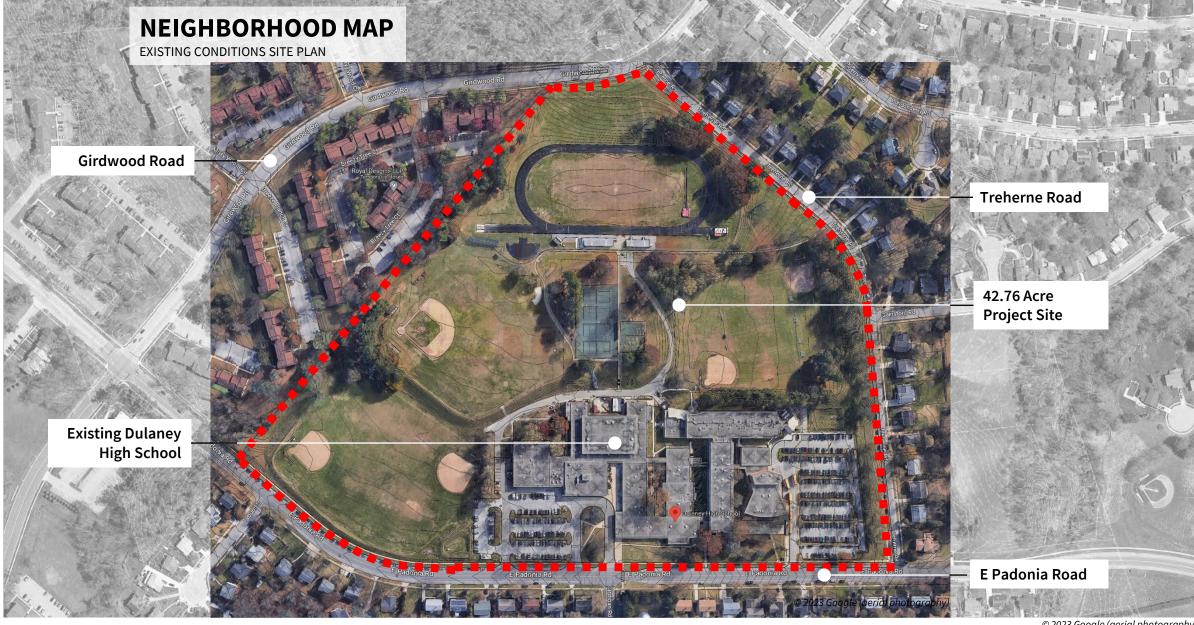






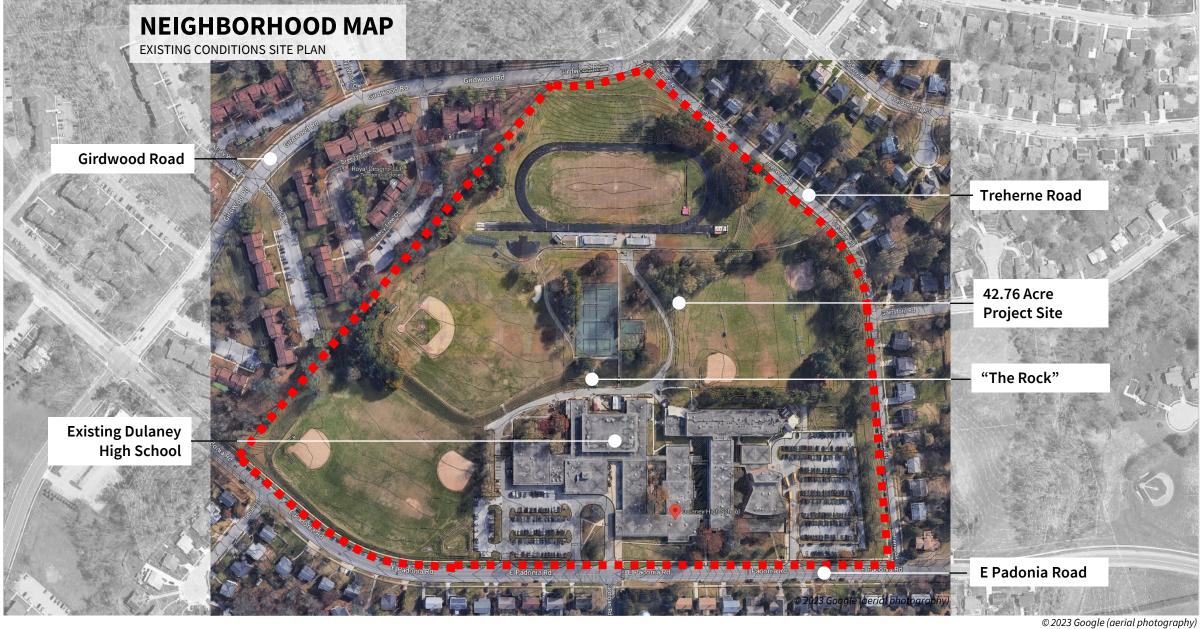






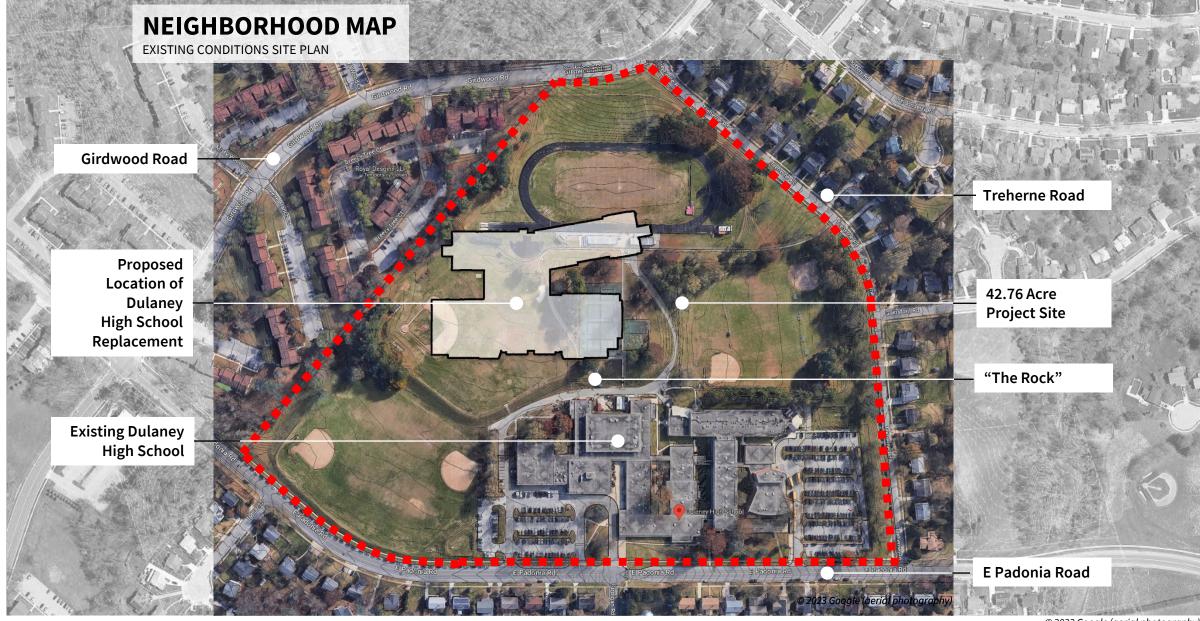






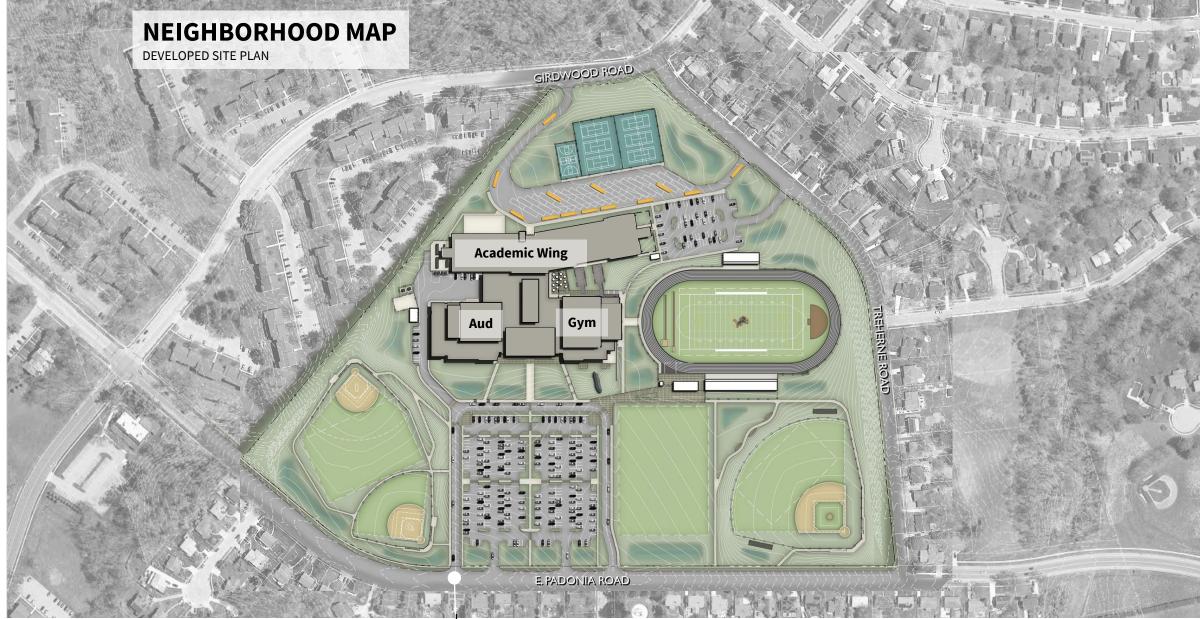












IIIII Crosswalk (existing)

E PADONIA ROAD -

Pedestrians





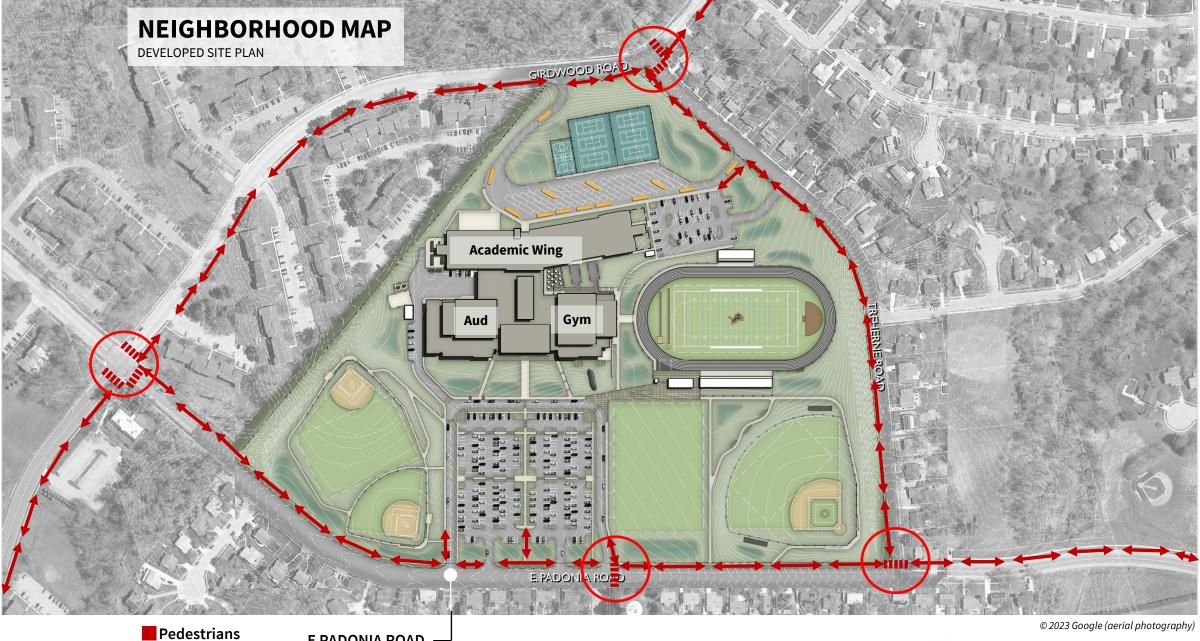
DULANEY HIGH SCHOOL REPLACEMENT





Pedestrians

**IIIII** Crosswalk (existing)



**DULANEY HIGH SCHOOL REPLACEMENT** 





**IIIII** Crosswalk (existing)





E PADONIA ROAD -

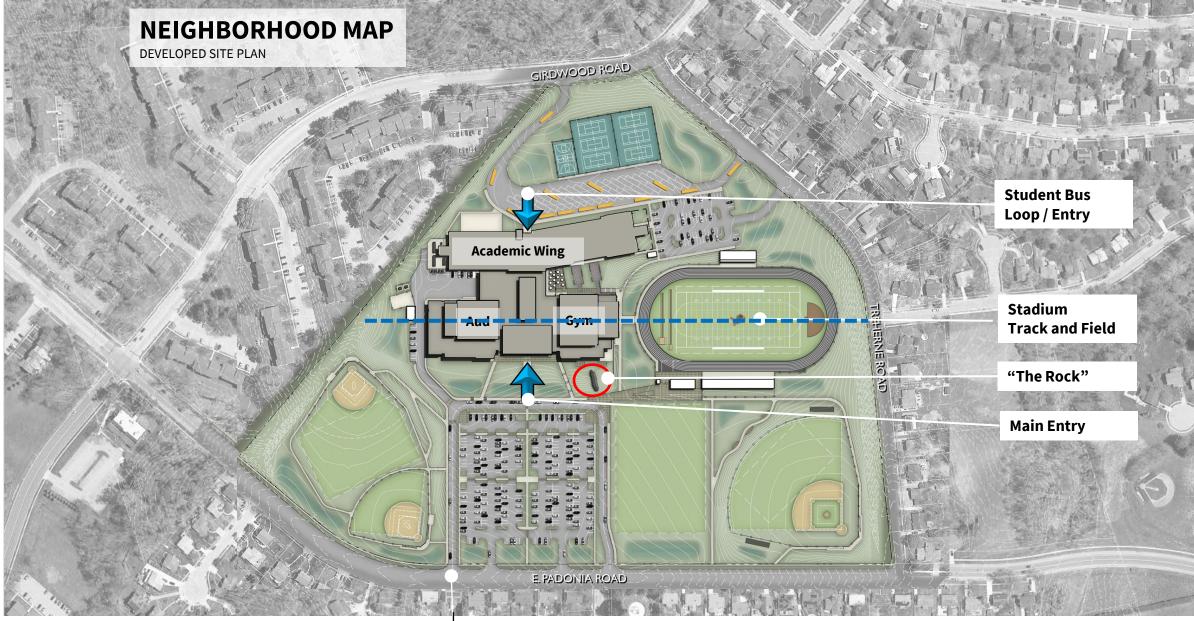
**IIIII** Crosswalk (existing)















Pedestrians

**IIIII** Crosswalk (existing)

**DULANEY HIGH SCHOOL REPLACEMENT** 





Pedestrians

**IIIII** Crosswalk (existing)

DULANEY HIGH SCHOOL REPLACEMENT
January 11, 2024





Pedestrians

**IIIII** Crosswalk (existing)

Pedestrians

Crosswalk (existing)

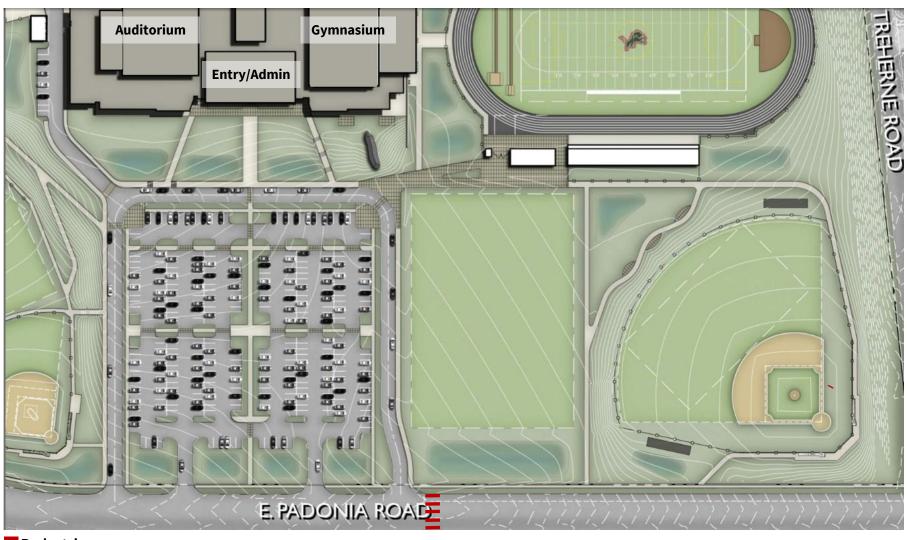
E PADONIA ROAD -

**DULANEY HIGH SCHOOL REPLACEMENT** 





DEVELOPED SITE PLAN – SITE CIRCULATION



Pedestrians

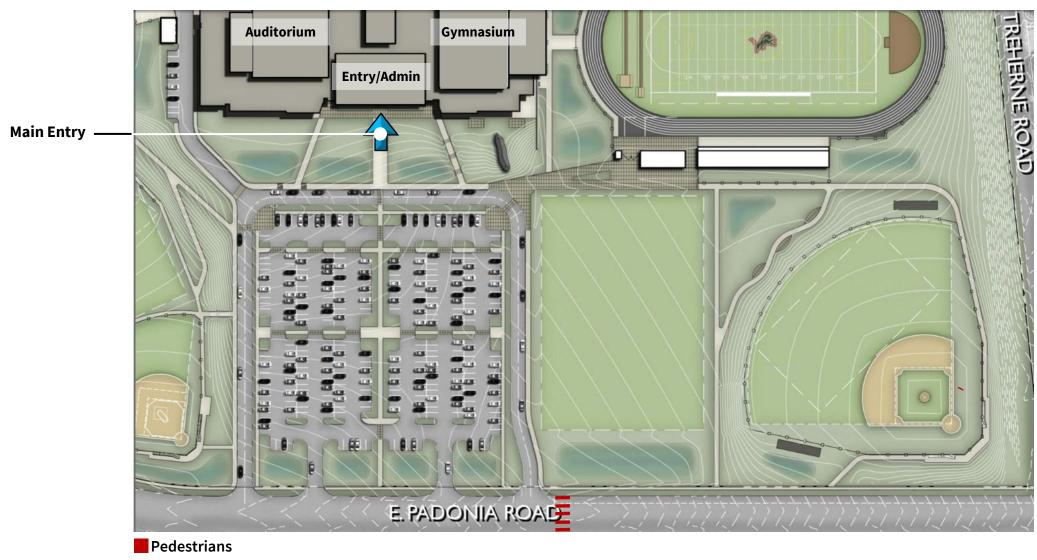
Cars

**IIIII** Crosswalk (existing)





DEVELOPED SITE PLAN – SITE CIRCULATION



Cars

**IIIII** Crosswalk (existing)





DEVELOPED SITE PLAN – SITE CIRCULATION







DEVELOPED SITE PLAN – SITE CIRCULATION

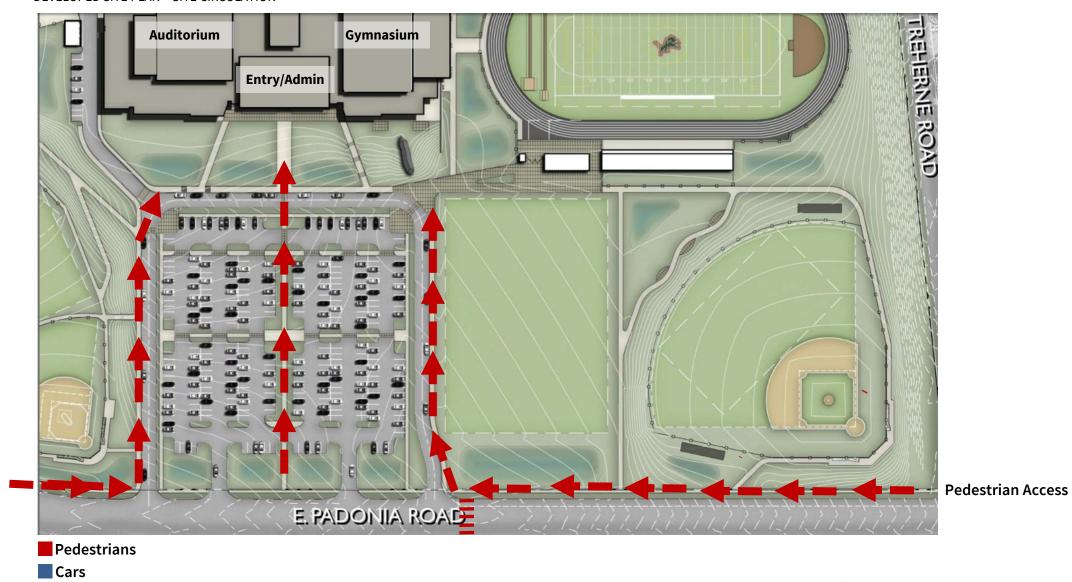






January 11, 2024

DEVELOPED SITE PLAN – SITE CIRCULATION

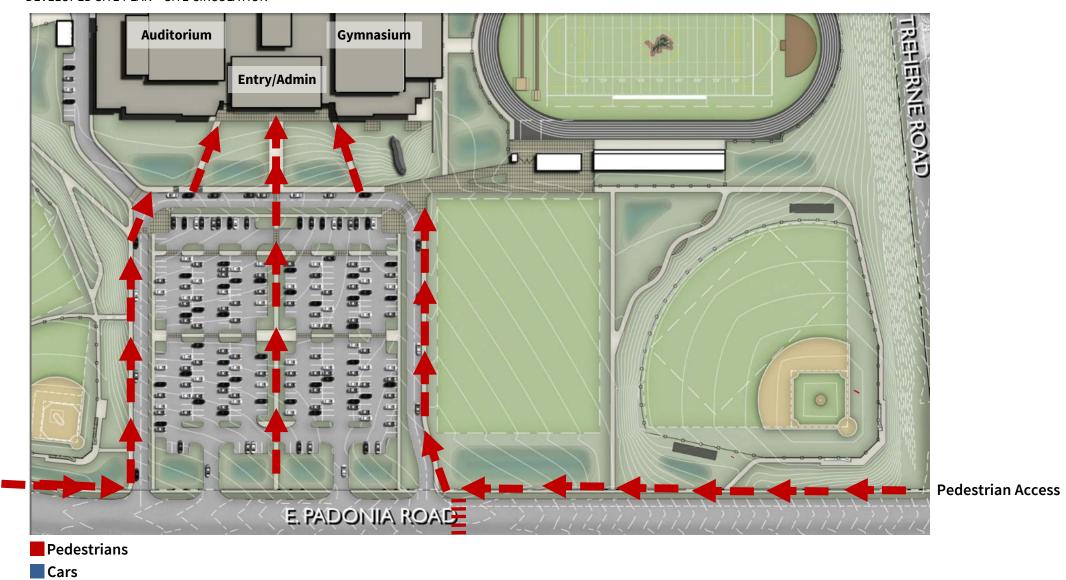




**IIIII** Crosswalk (existing)

**Pedestrian Access** 

DEVELOPED SITE PLAN – SITE CIRCULATION





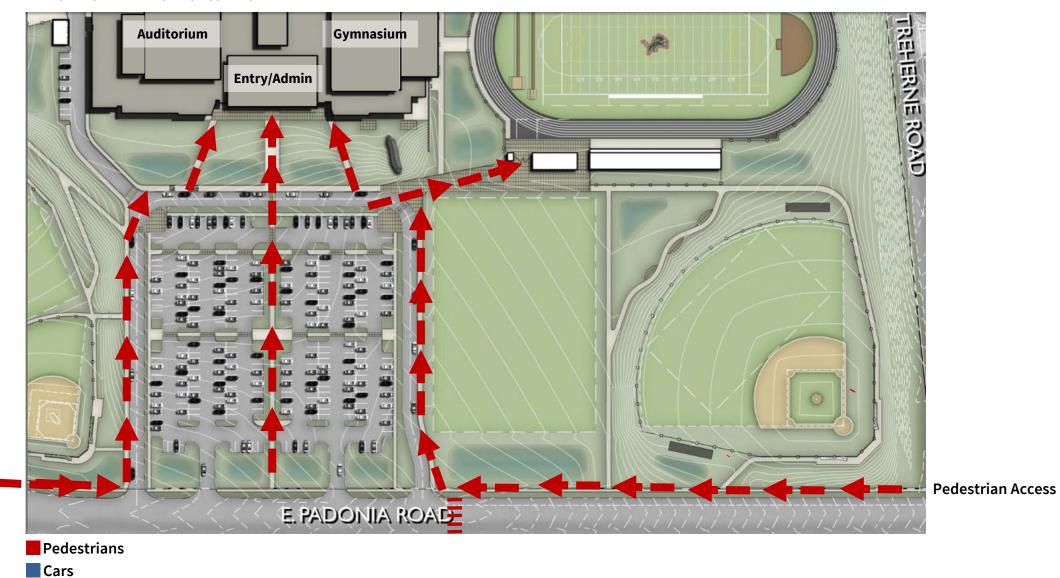




**IIIII** Crosswalk (existing)

**Pedestrian Access** 

DEVELOPED SITE PLAN – SITE CIRCULATION







**IIIII** Crosswalk (existing)

**Pedestrian Access** 

**DEVELOPED SITE PLAN – SITE CIRCULATION** 

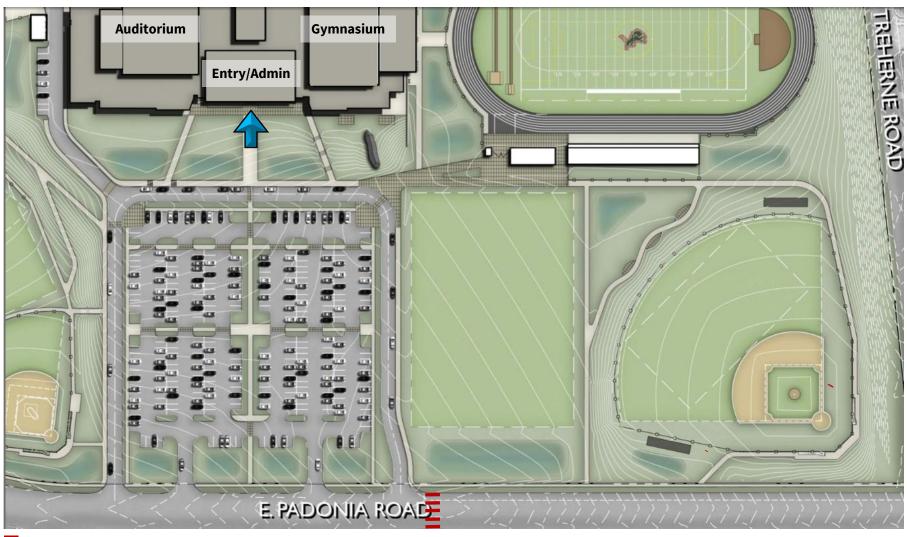






**DULANEY HIGH SCHOOL REPLACEMENT** 

DEVELOPED SITE PLAN – SITE CIRCULATION



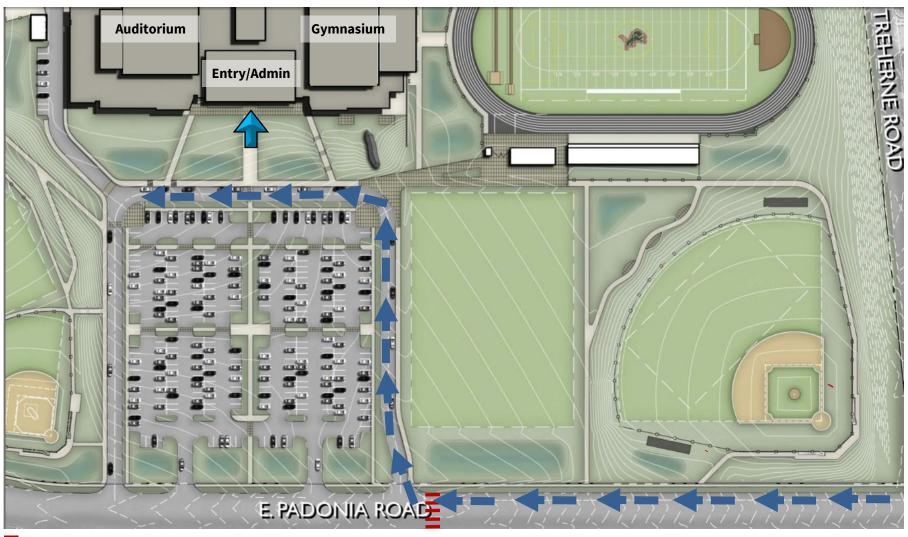


Cars





**DEVELOPED SITE PLAN – SITE CIRCULATION** 



**Car Drop-off Stacking** 

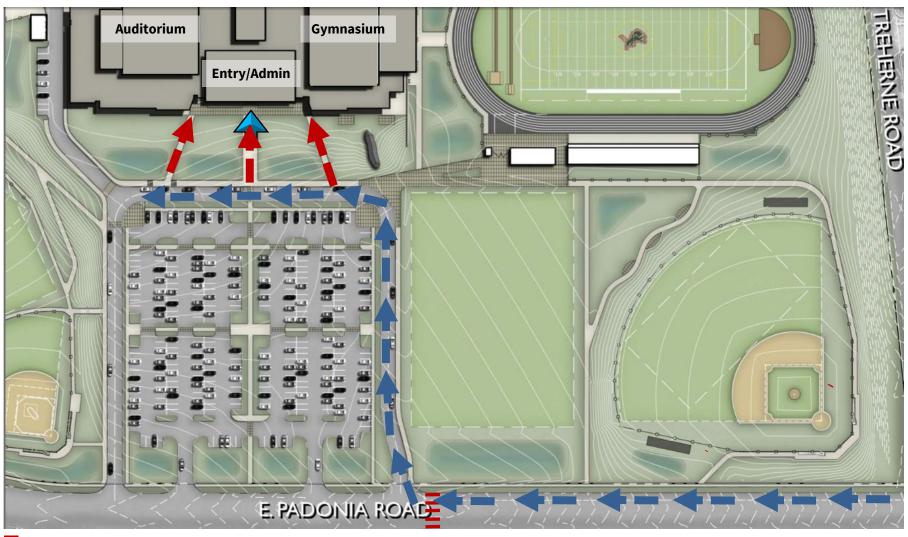
Pedestrians

Cars





**DEVELOPED SITE PLAN – SITE CIRCULATION** 



**Car Drop-off Stacking** 

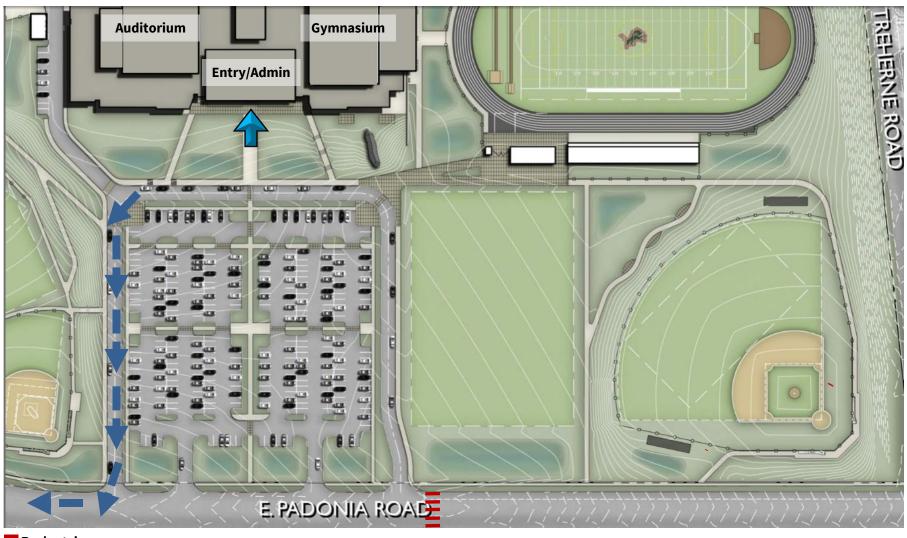
Pedestrians

Cars





**DEVELOPED SITE PLAN – SITE CIRCULATION** 



Car Drop-off Exit

Pedestrians

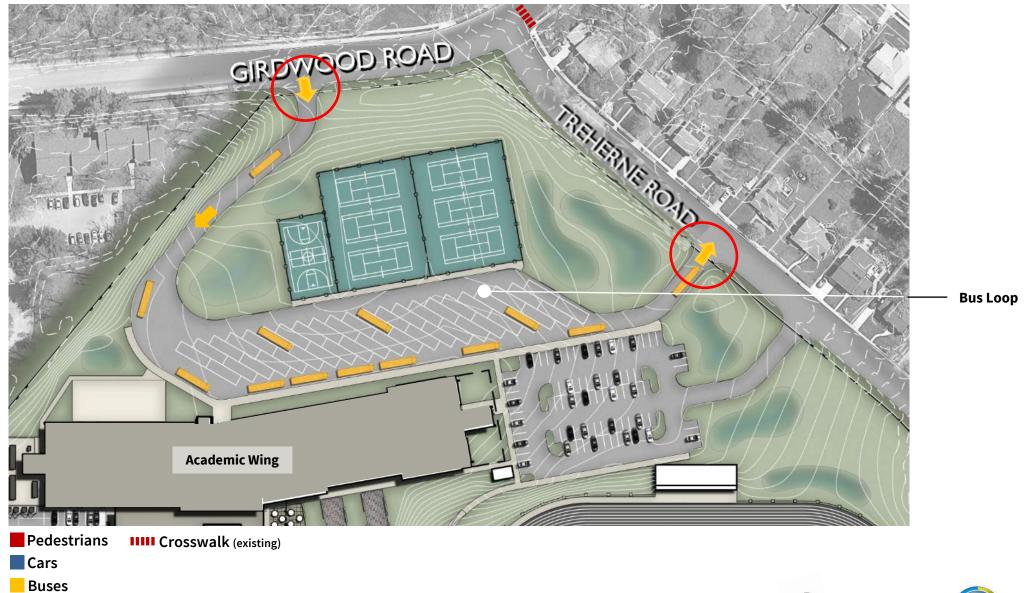
Cars















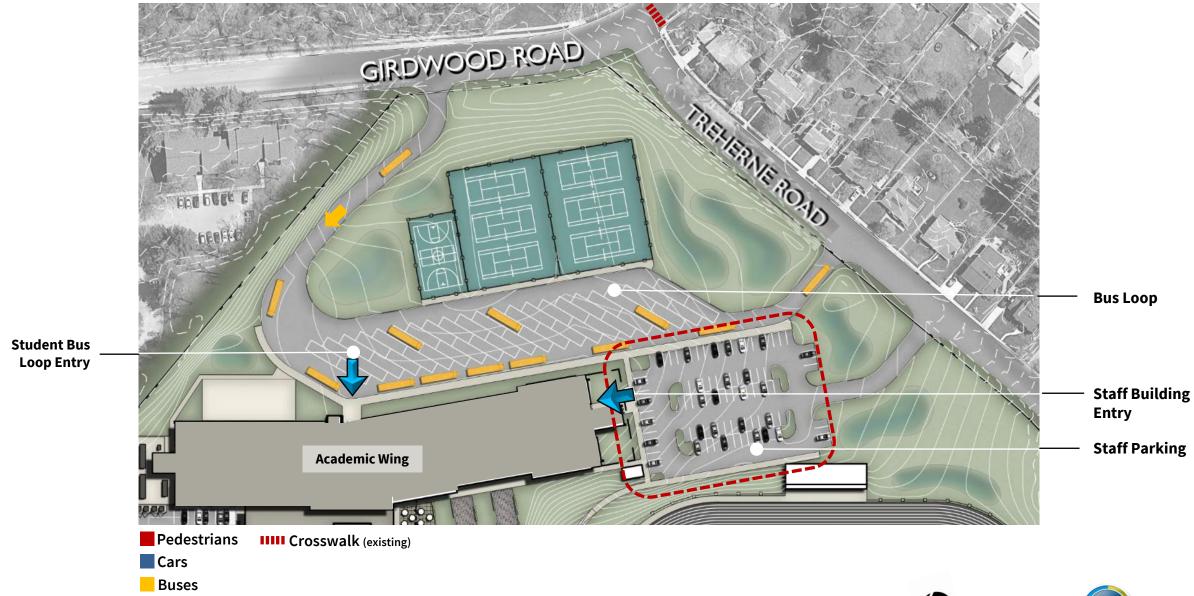
















DEVELOPED SITE PLAN – SITE CIRCULATION







Outdoor HVAC CTE Work Yard





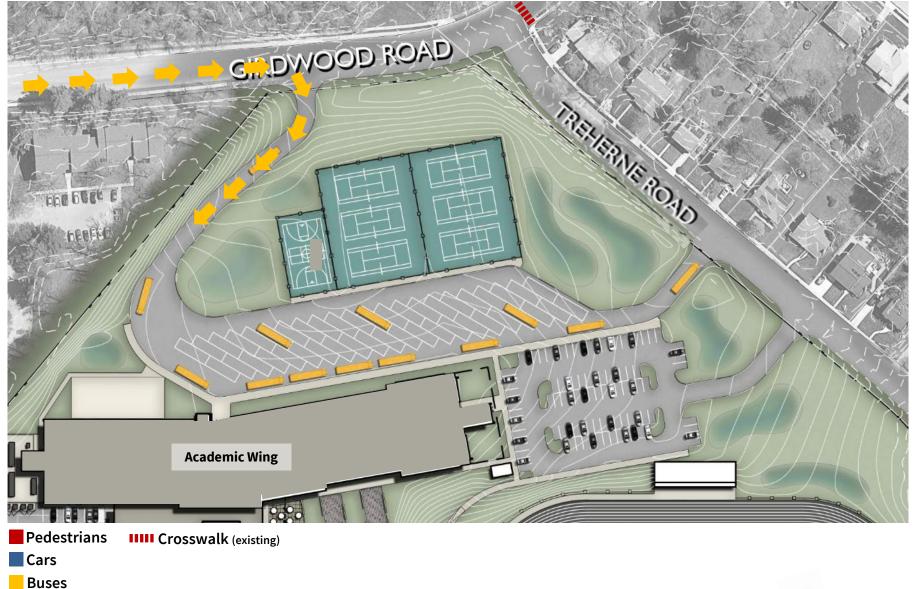






**DEVELOPED SITE PLAN - SITE CIRCULATION** 

**Bus Entering Site** 



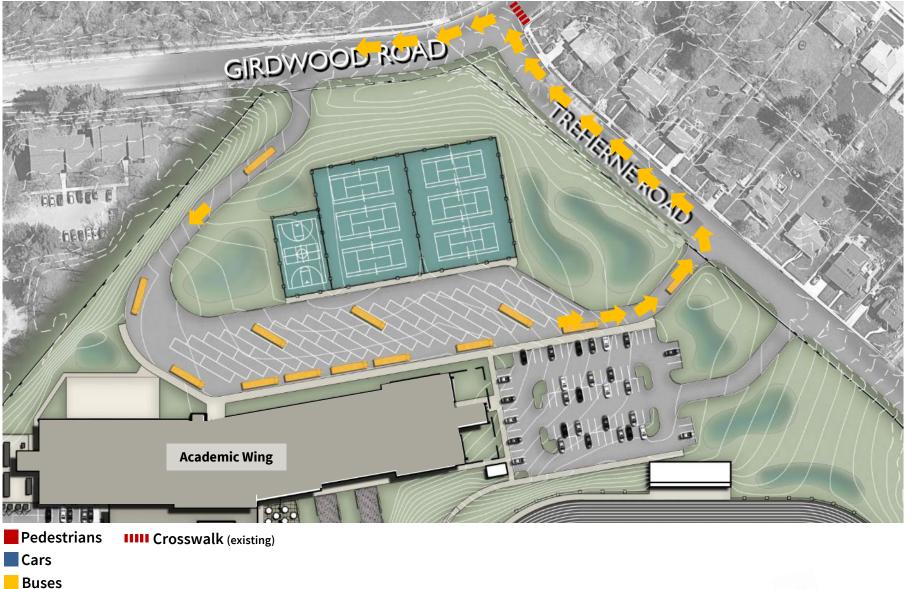






**DEVELOPED SITE PLAN - SITE CIRCULATION** 

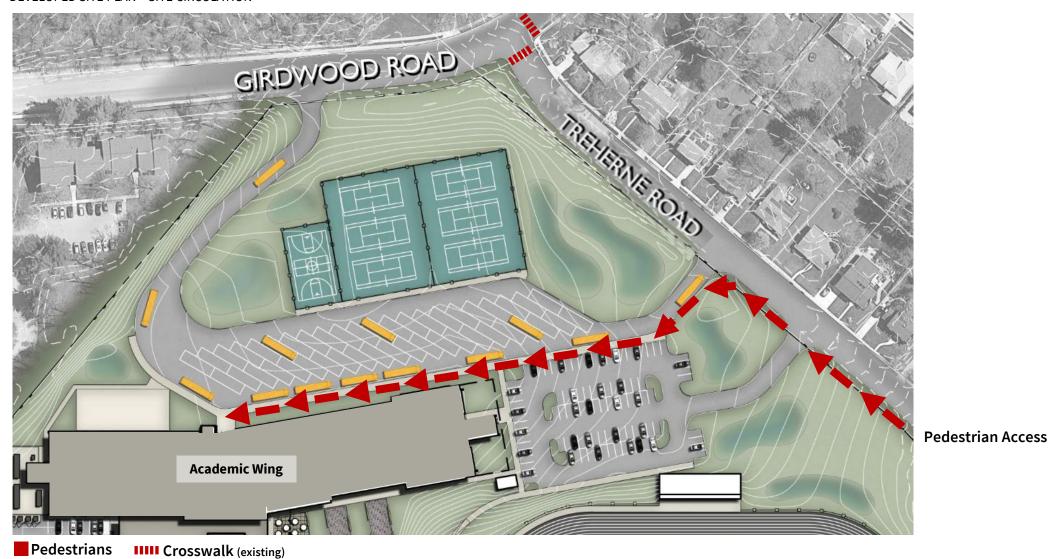
#### **Bus Exiting Site**







**DEVELOPED SITE PLAN – SITE CIRCULATION** 



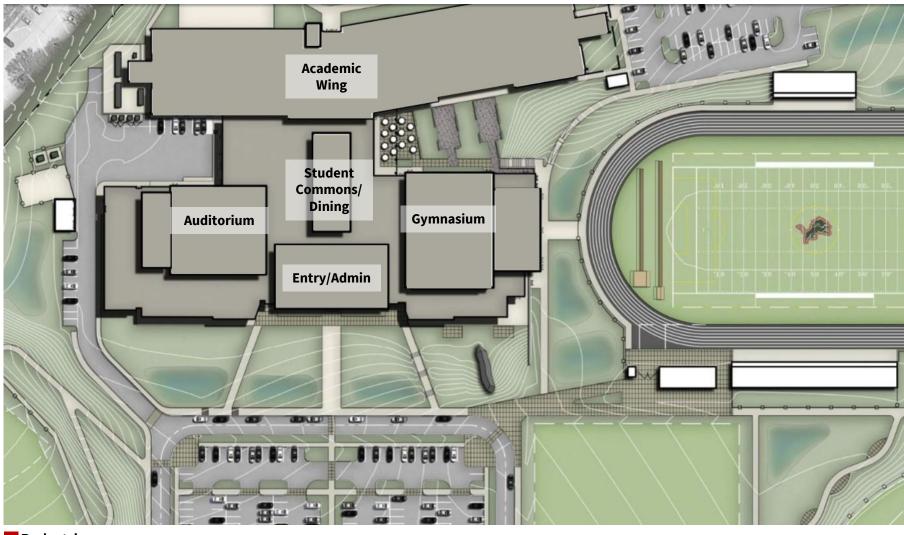






Cars Buses

**DEVELOPED SITE PLAN – SITE CIRCULATION** 



Pedestrians

Loading

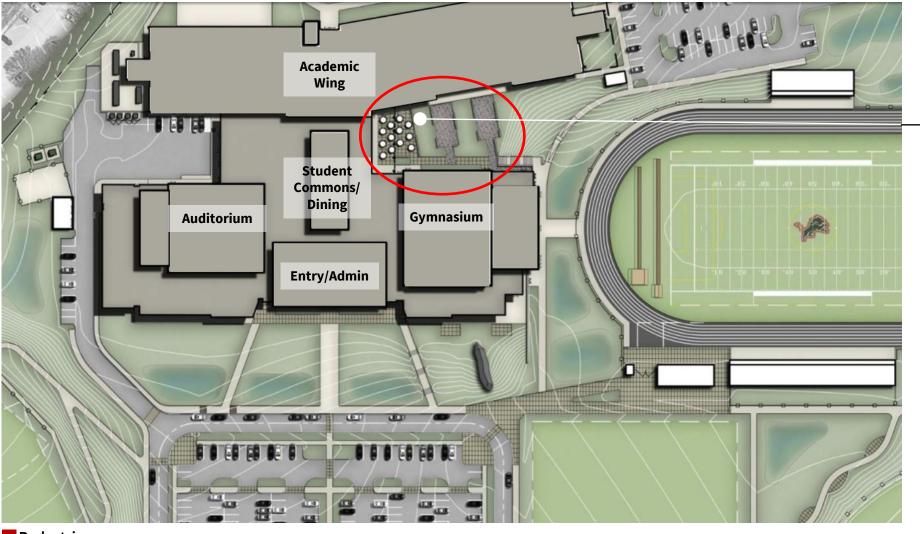




Outdoor Dining/ Learning Areas

#### **NEIGHBORHOOD MAP**

DEVELOPED SITE PLAN – SITE CIRCULATION



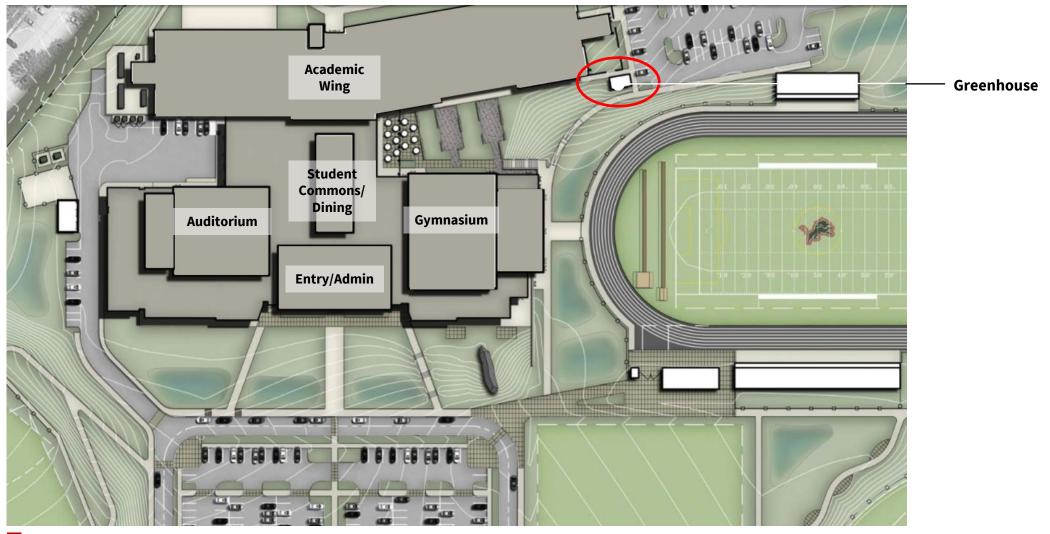
Pedestrians

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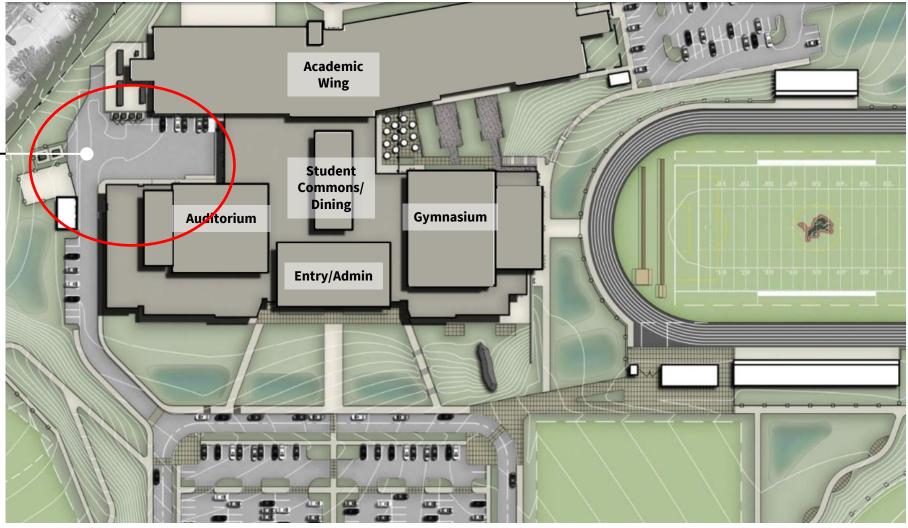


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**DEVELOPED SITE PLAN – SITE CIRCULATION** 



Pedestrians

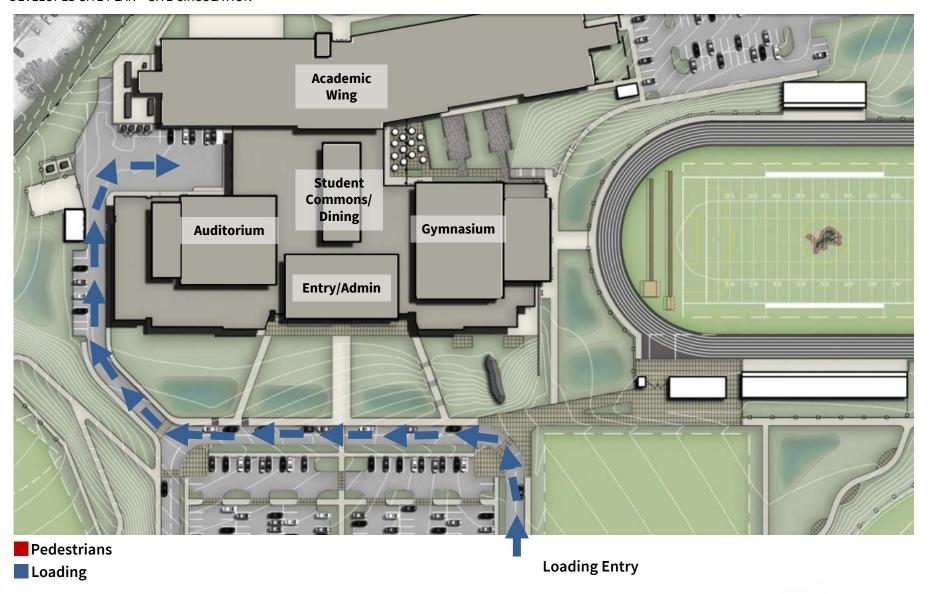
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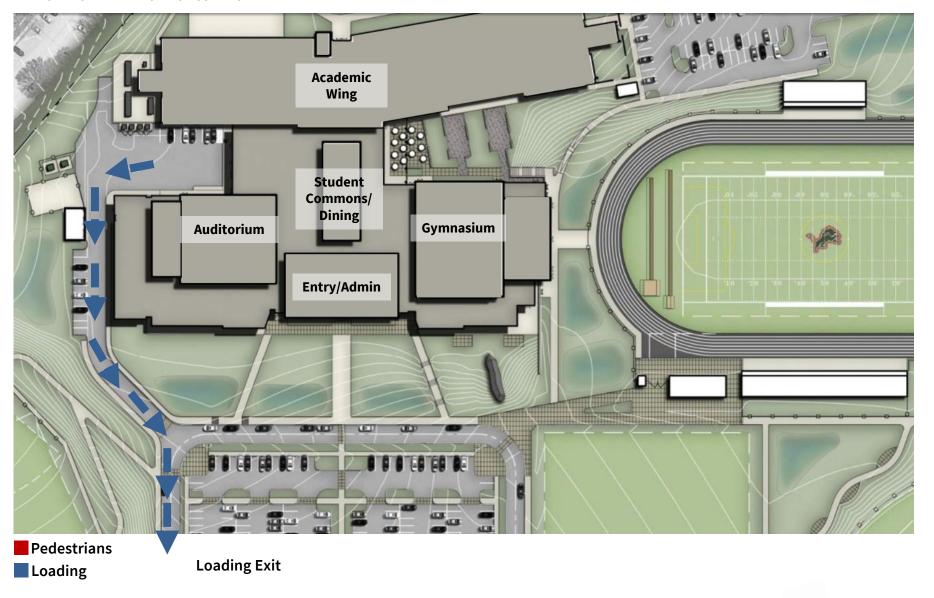


Loading/ Service Area/ Grounds Storage/

**Secondary Parking** 









## **BUILDING ORGANIZATION LEGEND**

Administration

ART

Athletics

Circulation

Community

Fine Arts

Food Services

Health Clinic

Music / Drama

Science

Student Activities

Student Commons

Support / MEP / Storage



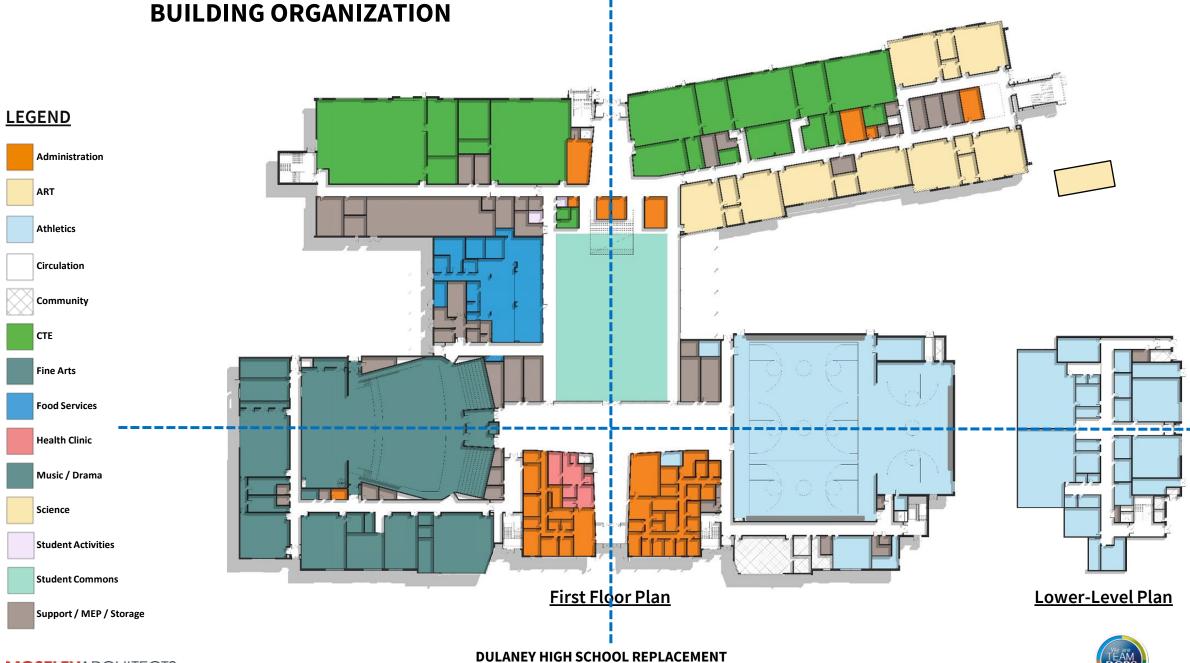


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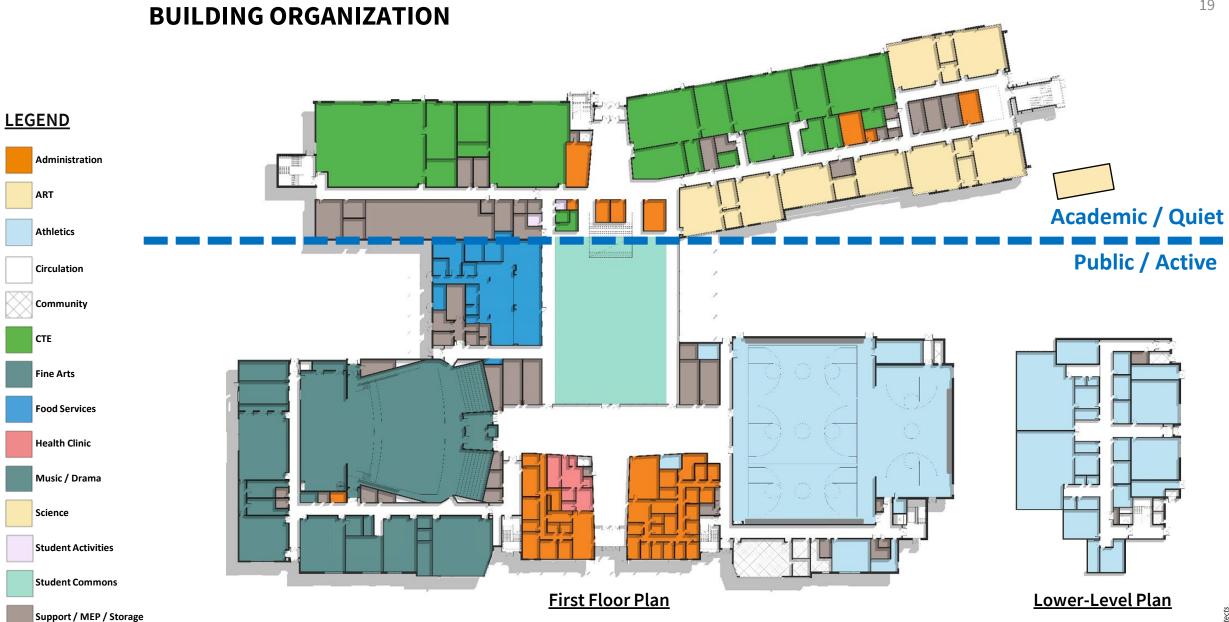


**Lower-Level Plan** 





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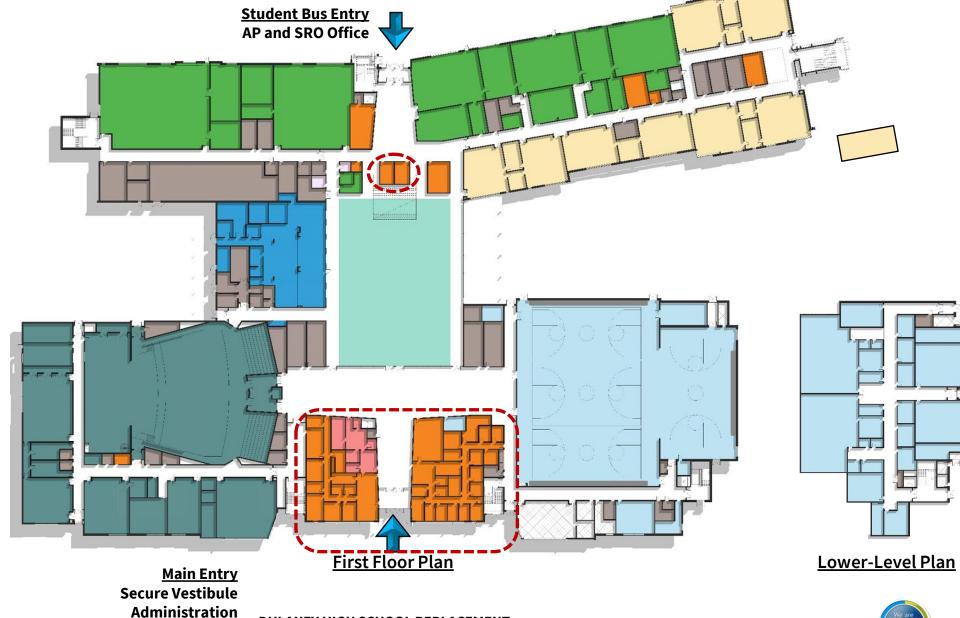




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#### **BUILDING ORGANIZATION**

Guidance



January 11, 2024



Support / MEP / Storage

**LEGEND** 

ART

Athletics

Circulation

Community

Fine Arts

**Food Services** 

Health Clinic

Music / Drama

Student Activities

Student Commons

Science

Administration

**DULANEY HIGH SCHOOL REPLACEMENT** 

#### **BUILDING ORGANIZATION LEGEND** Administration ART **Performing Arts Auditorium** Athletics **Dance Studio** Drama/Black Box Circulation Vocal/Choral **Music Lab** Community **Ensemble** Instrumental Fine Arts **Food Services** Health Clinic Music / Drama Science Student Activities Student Commons First Floor Plan **Lower-Level Plan** Support / MEP / Storage







**DULANEY HIGH SCHOOL REPLACEMENT** 

January 11, 2024

Separate Entry
Office/Serving
Community Use



**Lower-Level Plan** 

#### **LEGEND**

Administration

ART

Athletics

Circulation

Community

CTE

Fine Arts

Food Services

Health Clinic

Music / Drama

Science

Student Activities

Student Commons

Support / MEP / Storage







**Lower-Level Plan** 

### <u>LEGEND</u>

Administration

ART

Athletics

Circulation

Community

СТЕ

Fine Arts

Food Services

Health Clinic

Music / Drama

Science

Student Activities

Student Commons

Support / MEP / Storage





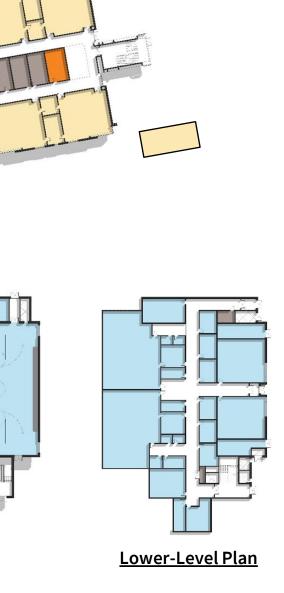
## **LEGEND** Administration ART Athletics Circulation Community CTE Fine Arts **Food Services** Health Clinic Music / Drama Science Student Activities

Student Commons

Support / MEP / Storage

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#### **CTE BUILDING ORGANIZATION Pre-Engineering Labs/Project Rooms** <u>CTE</u> **HVAC Career LEGEND Food Science** Administration ART Athletics Circulation Community Fine Arts Food Services Health Clinic Music / Drama Science Student Activities Student Commons First Floor Plan **Lower-Level Plan** Support / MEP / Storage



## **BUILDING ORGANIZATION LEGEND** Administration ART Athletics Circulation Community Fine Arts **Food Services** Health Clinic Music / Drama Science Student Activities Student Commons





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Support / MEP / Storage

### **LEGEND** Administration ART Athletics Circulation Community Fine Arts **Food Services** Health Clinic Music / Drama Science Student Activities Student Commons Support / MEP / Storage





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<u>Greenhouse</u>

# **BUILDING ORGANIZATION**

### **LEGEND**

Administration

ART

Athletics

Circulation

Community

Fine Arts

**Food Services** 

Health Clinic

Music / Drama

Science

Student Activities

Student Commons

Support / MEP / Storage







# **BUILDING ORGANIZATION LEGEND** Administration ART Athletics Circulation Community Fine Arts **Food Services** Health Clinic Music / Drama







Support / MEP / Storage

Science

Student Activities

Student Commons

























**MOSELEY**ARCHITECTS





# **AP and SRO Office** Second Floor Plan



Support / MEP / Storage

**LEGEND** 

ART

Athletics

Circulation

Community

CTE

Fine Arts

Food Services

Health Clinic

Music / Drama

Student Activities

Student Commons

Science

Administration











**LEGEND** 

ART

Athletics

Circulation

Community

CTE

Fine Arts

**Food Services** 

Health Clinic

Music / Drama

Student Activities

Student Commons

Science

Administration





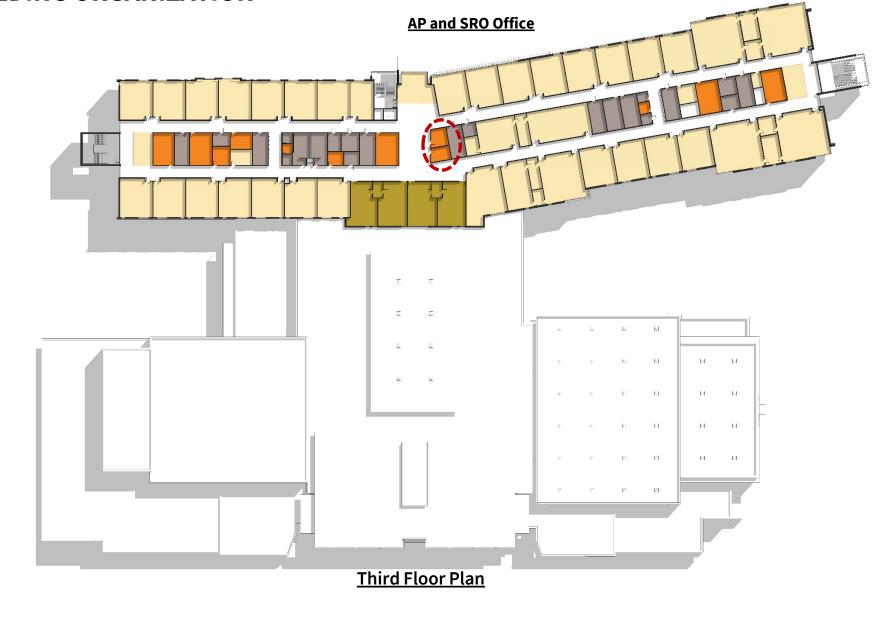














Support / MEP / Storage

**LEGEND** 

ART

Athletics

Circulation

Community

CTE

Fine Arts

Food Services

Health Clinic

Music / Drama

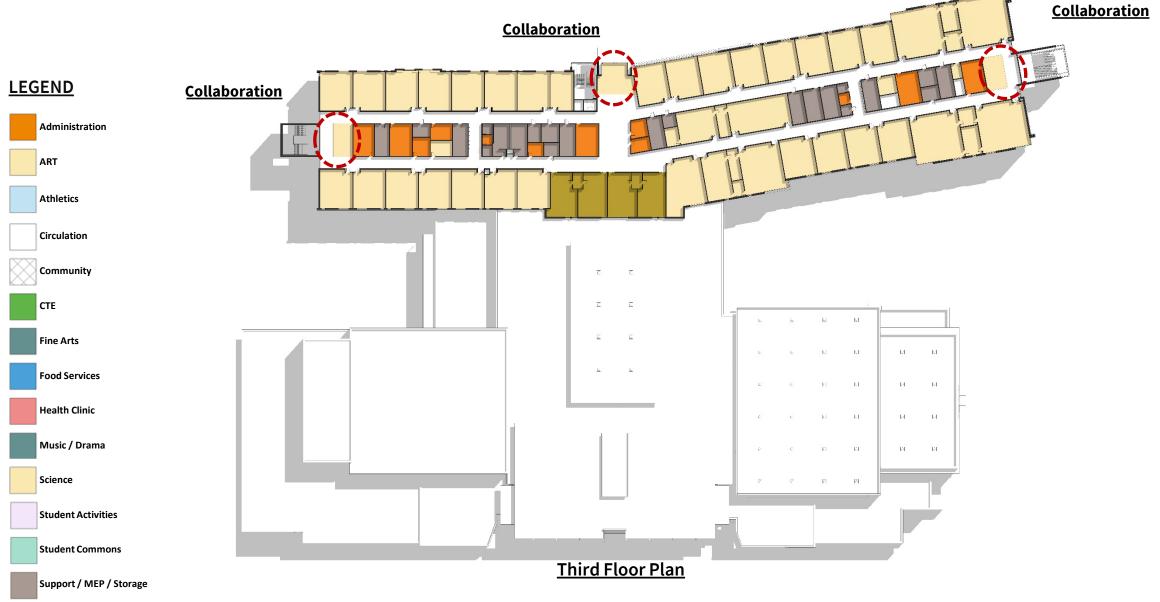
Student Activities

Student Commons

Science

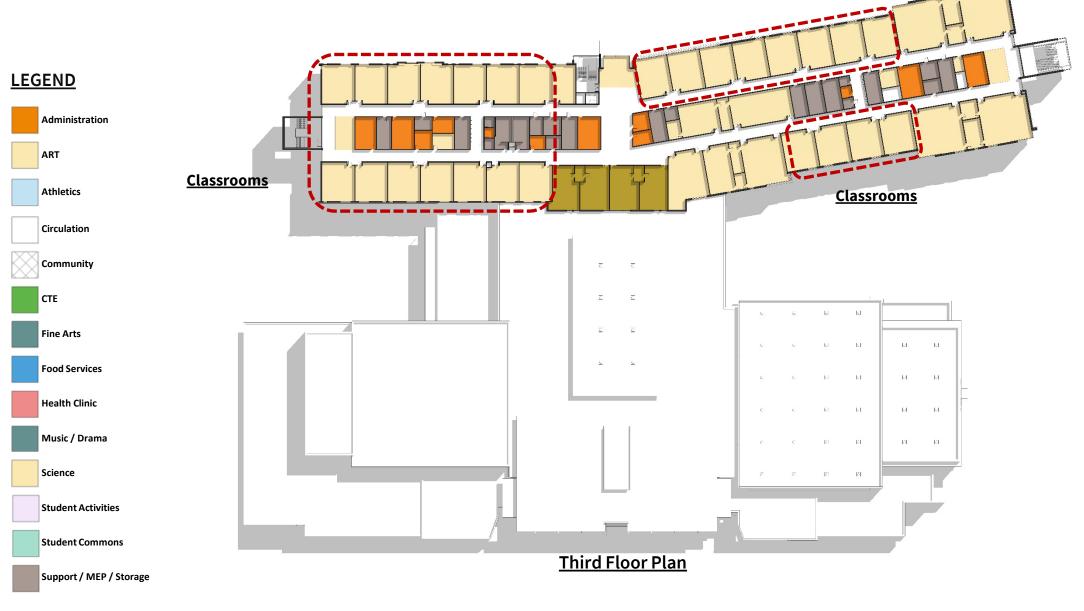
Administration





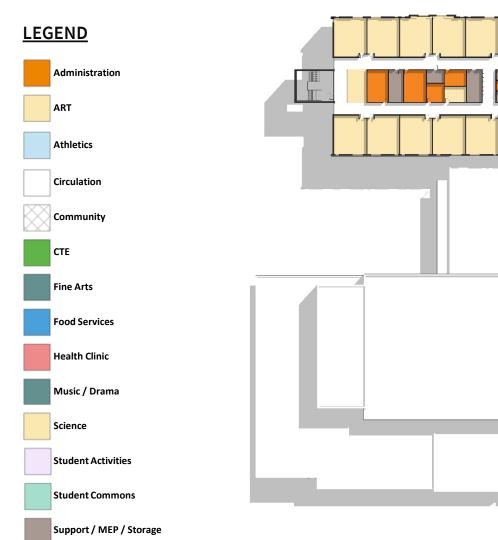


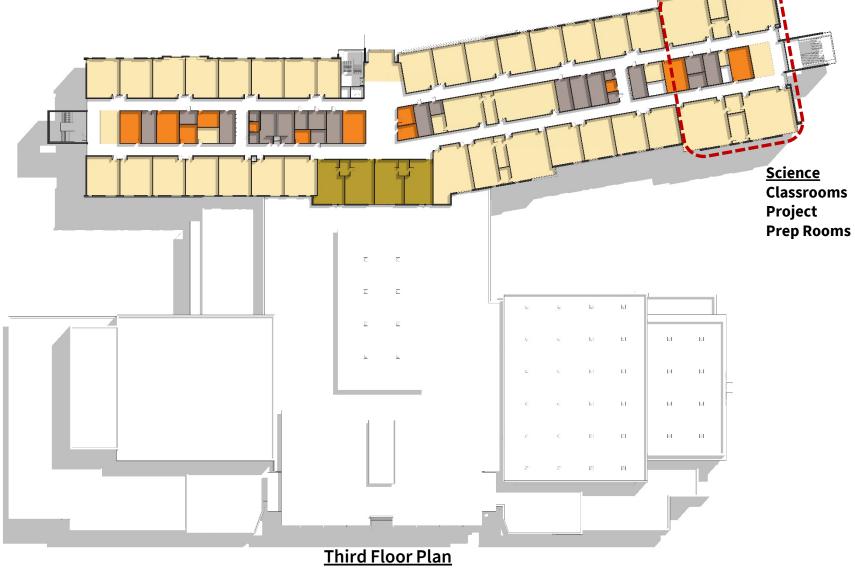




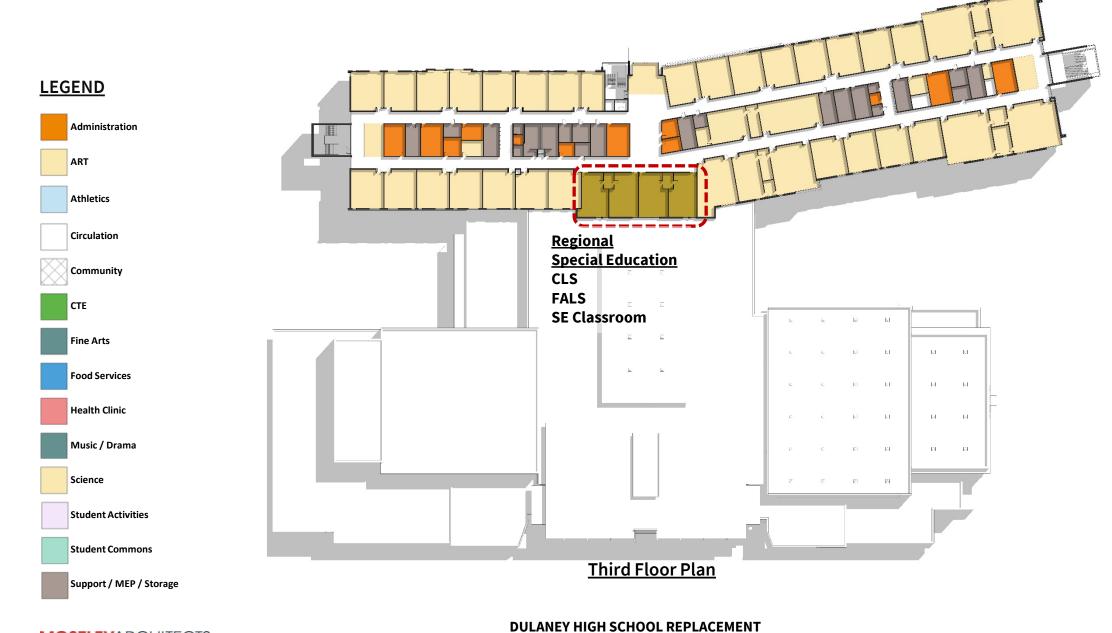


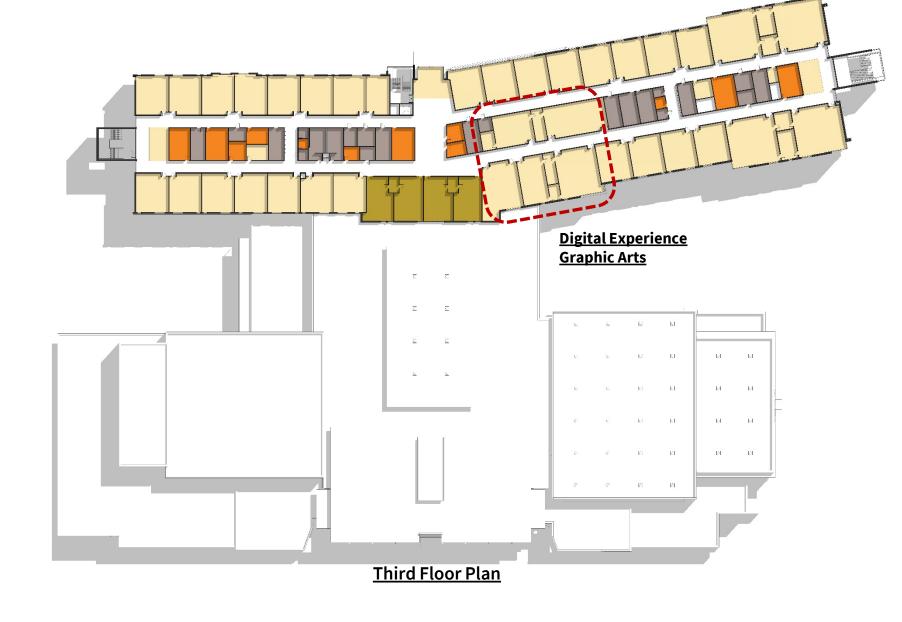














Support / MEP / Storage

**LEGEND** 

ART

Athletics

Circulation

Community

CTE

Fine Arts

Food Services

Health Clinic

Music / Drama

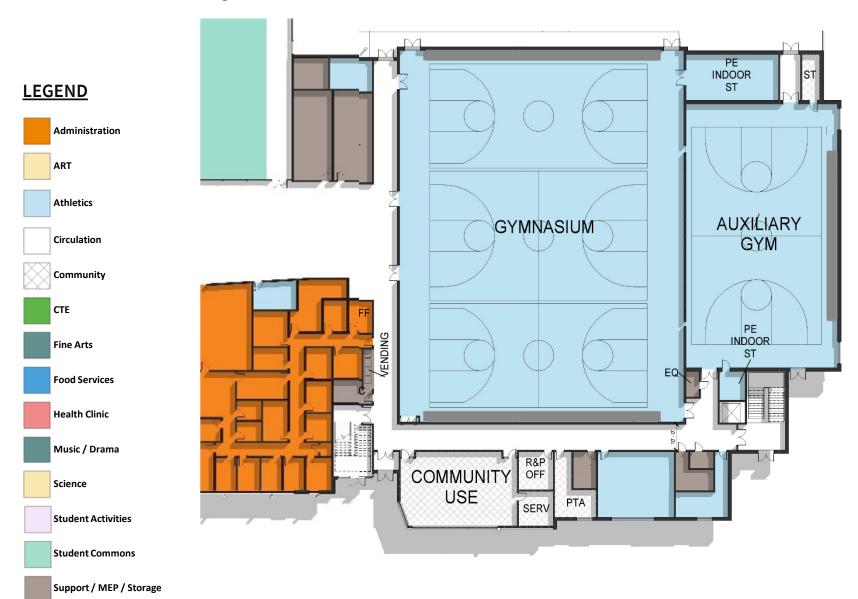
Student Activities

Student Commons

Science

Administration



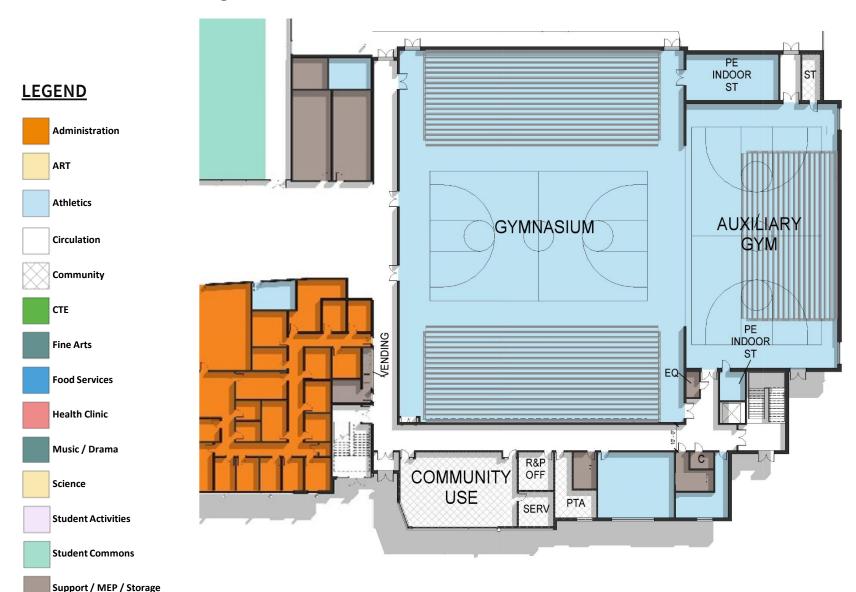


### **GYMNASIUM AND AUXILARY GYM ACCOMODATION OF LARGER EVENTS**

- Telescoping bleachers
- Operable partition between Gymnasium and Auxiliary Gym





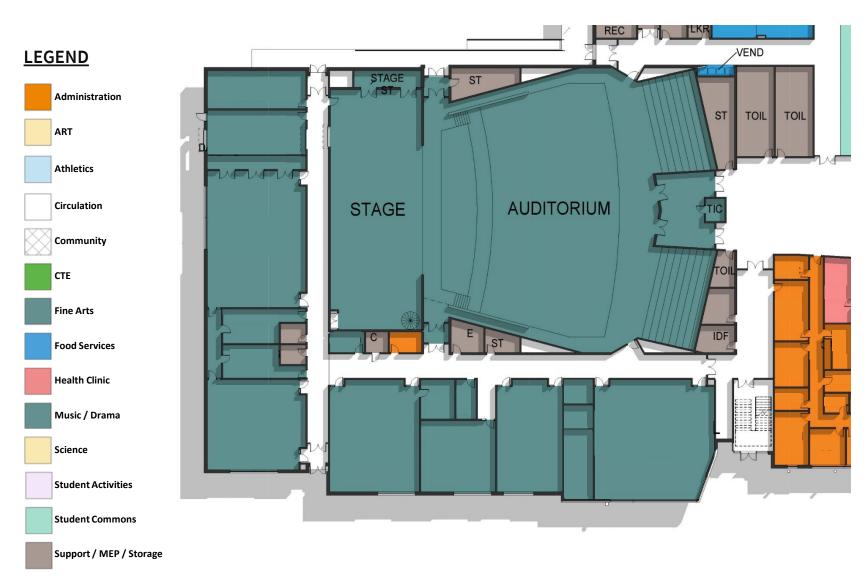


# **GYMNASIUM AND AUXILARY GYM ACCOMODATION OF LARGER EVENTS**

- Telescoping bleachers
- Operable partition between Gymnasium and Auxiliary Gym
- Seating capacity approximately 3,200







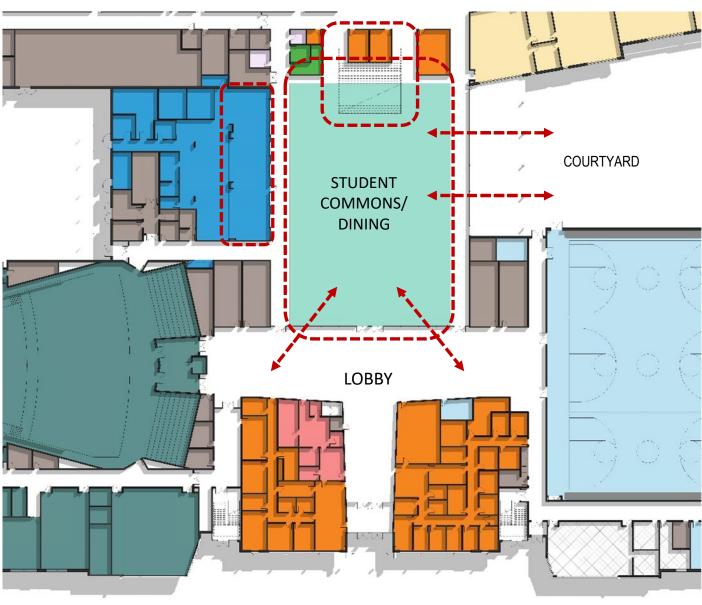
### **AUDITORIUM SEATING CAPCAITY**

Seating capacity 1,000



# **LEGEND** Administration ART **Athletics** Circulation Community Fine Arts **Food Services** Health Clinic Music / Drama Science Student Activities Student Commons Support / MEP / Storage

**MOSELEY**ARCHITECTS

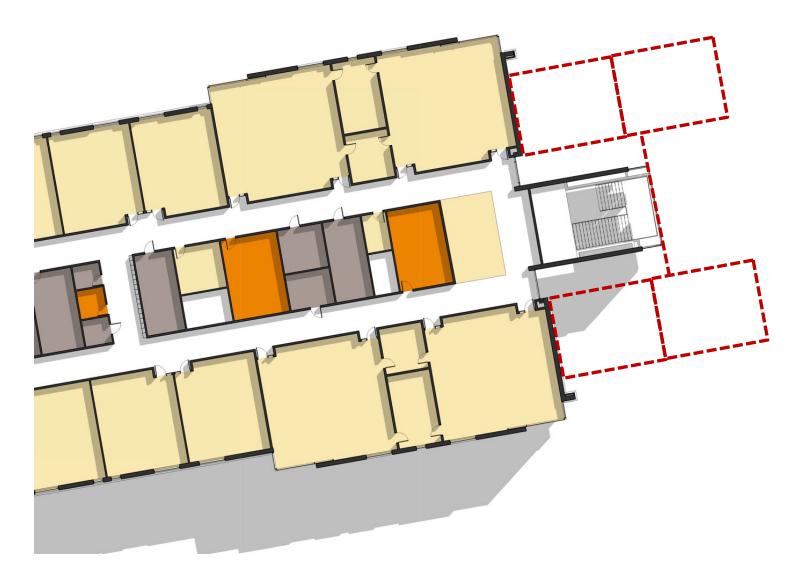


### **STUDENT COMMONS**

- Learning Stair
   Connecting Student
   Commons/Dining to
   Academic Wing
- 6 serving lines
- Dining: sized for seating 1/3 student capacity
- Courtyard Access Outdoor Dining/ Outdoor Learning
- Positioned to serve as a Pre-Function space for Auditorium and Gymnasium functions



# **LEGEND** Administration ART Athletics Circulation Community Fine Arts **Food Services** Health Clinic Music / Drama Science Student Activities Student Commons Support / MEP / Storage



### **FUTURE CAPACITY**

- SRC = 2019
- Core SRC = 2200
- (12) Classroom Future
   Addition Planned for
   Core Capacity
  - (4) Classrooms on each of the three floors





Bird's Eye View from E Padonia





Front of Site Looking East





Front of Building and "The Rock"





Birds Eye View Looking Southeast and Service Area





Birds Eye View Looking Northeast From Stadium





View of Aux Gym, Dining / Outdoor Learning, and Academic Wing





Academic Wing And Student Entry At Bus Loop





**Dulaney High School Front Entry** 



# **Thank You**

# **Questions and Answers**



**DULANEY HIGH SCHOOL REPLACEMENT** 

January 11, 2024