# POLYTECHNIC HIGH SCHOOL CAMPUSWIDE TRANSFORMATION



May 21, 2024



## LBUSD BOND PROGRAM



- Measure K
  - **\$1.2 billion** bond measure approved by voters in 2008
- Measure E
  - \$1.5 billion bond measure approved by voters in 2016

## **FACILITY MASTER PLAN - 2022**





#### **Facility Enhancements**

Creating next generation learning environments where students can thrive



#### **Pre-K/T-K Expansion**

Preparing lifelong learners for a brighter future in Long Beach



#### **Health & Fitness**

Preparing LBUSD students for healthy lifestyles



#### **Instructional Technology**

Building a high-speed technology future that supports projectbased learning, where instruction and collaboration can occur anywhere and everywhere



### **Community & Professional Development**





#### Wellness & Green Spaces

Offering spaces that improve cognitive development, mental well-being, and physical health



#### **Sustainability**

Preparing Long Beach students for a lasting, healthy world



#### **Safe Campuses**

Protecting the well-being of LBUSD staff, students, and community



#### **Career & Technical Education**

Develop technical skills, knowledge and training for students to succeed in future careers



#### **Media Centers**

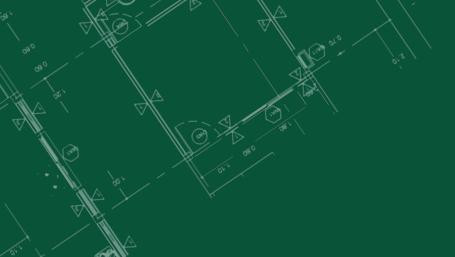
Reimagining LBUSD libraries as the campus hub of relationships and collaboration

Heightened access, public service, and instructional preparation

## **MEASURE Q**



- July 18, 2022 New LBUSD Facility Master Plan
  - \$3.8 billion of need identified
- July 18, 2022 LBUSD board approves a \$1.7 billion bond measure
- Nov. 8, 2022 Voters approve Measure Q with a 60.7% Yes vote





# POLY TECHNIC HIGH SCHOOL CAMPUSWIDE TRANSFORMATION

## **OVERVIEW**



- Project begins winter 2024 with anticipated completion summer 2031
- Select sports programs relocated throughout most of the project
- Interim housing on campus
- Meal service to continue throughout construction





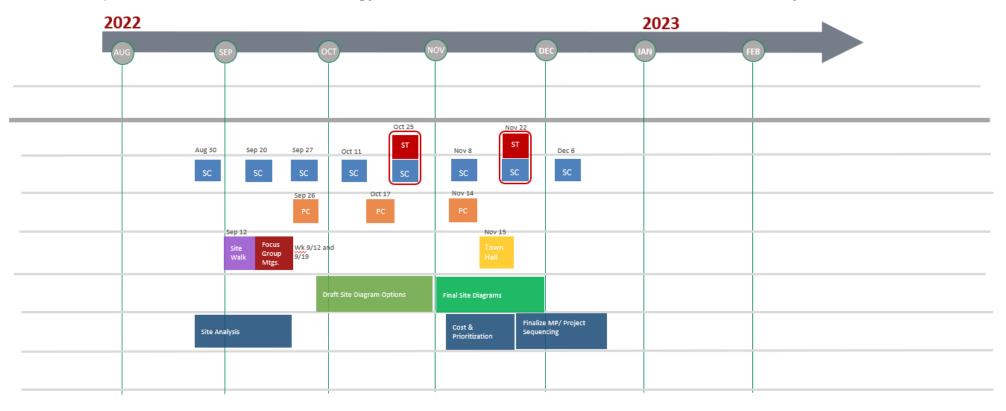




## SCHEDULE



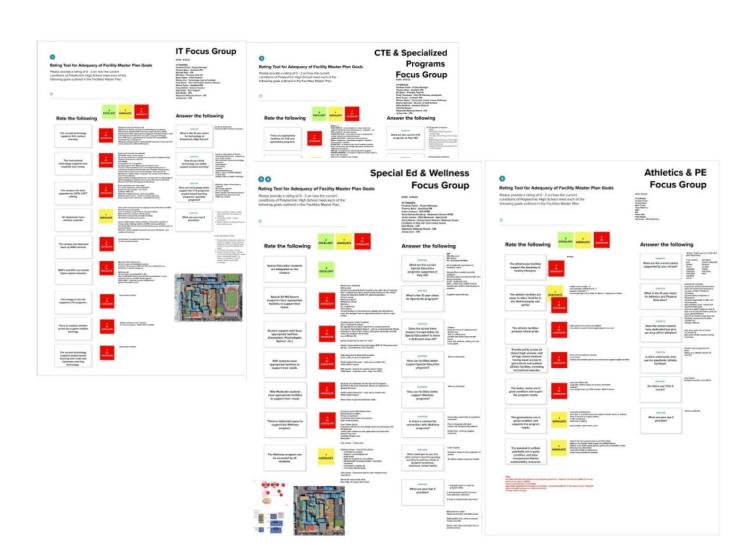
- Planning began in August 2022
- Gathered input from students, teachers (CTE, PE, Special Education, Wellness) administrators, coaches, multiple focus groups including Maintenance, Transportation, Information Technology, Nutrition Services Branch, Grounds, School Safety.



## FOCUS GROUPS MEETING SUMMARY



- Need HVAC!
- Aging and outdated Facilities
- Making do with what we have
- Facilities do not support 21<sup>st</sup> century learning
- Lack of internet access
- Undersized classrooms
- Growing CTE program not enough space
- ADA access
- Circulation and access
- · Desire for collaborative learning environment



## **PLANNING MEETING**

#### If you could dream...

- Dropoff and parking
- New administration building
- Demo aged buildings
- · New cafeteria and outdoor dining
- New multi-story gymnasium
- Create secondary green space gathering to support wellness
- New MEDS building
- Keep quad and catwalks
- Remove portables
- All gender locker rooms



## HISTORICAL CAMPUS DESIGN APPROACH

- Some character-defining features are isolated, abstracted and interpreted for the new buildings
- Only one or two features are selected and reimagined into the new buildings (forms, materials, etc.)
- Difference between old and new is obvious at any distance
- New building expression no longer dependent on the historic style
- Massing, fenestration, materials, and gestures

Historic details

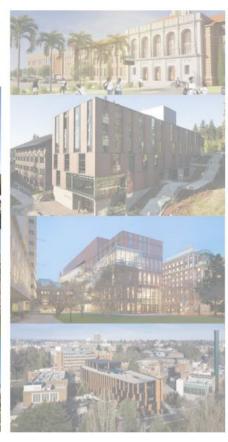


San Pedro HS

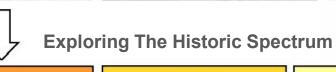
Historic







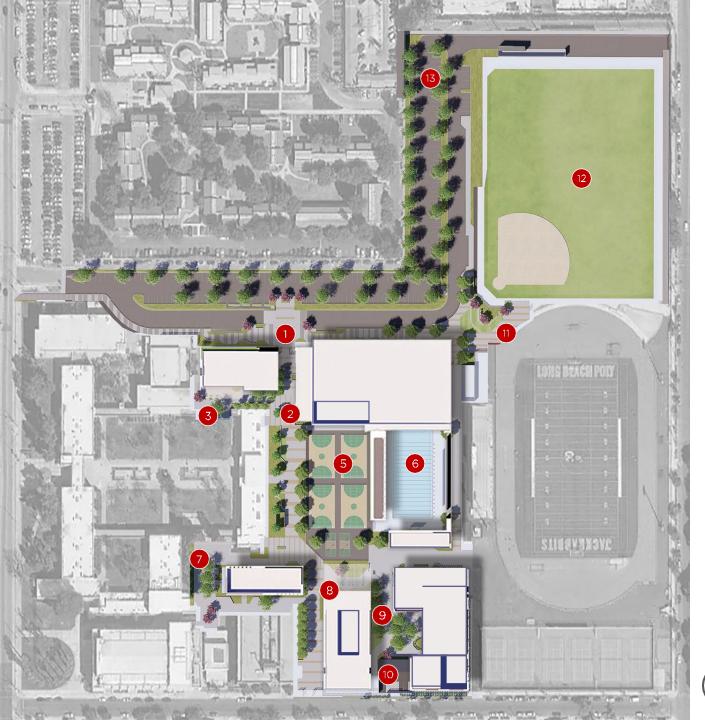




Progressive

Resemblance Interpretation Dialogue

Contrast



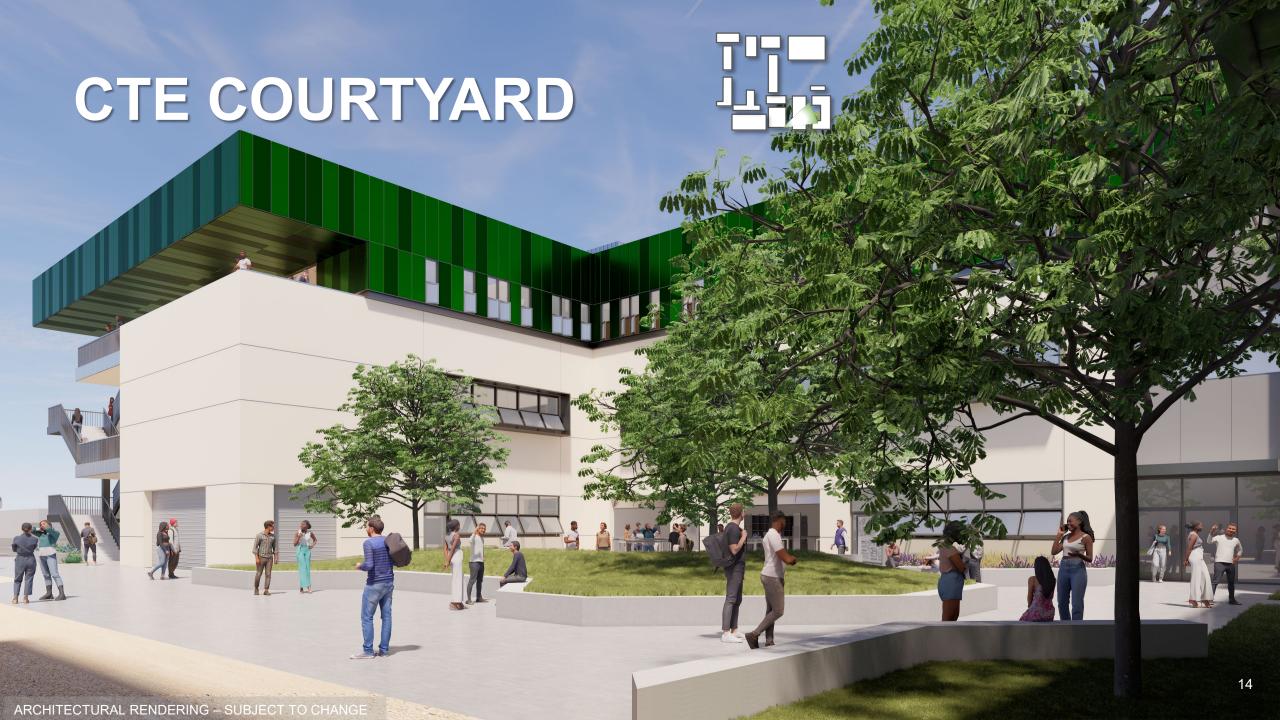


### Site Plan

- 1 Arrival Plaza
- Campus Promenade
- Student Patio
- **6** Hardcourts
- 6 Pool
- Performance Court
- 8 Learning Commons
- Flexible Outdoor Learning
- Auto Yard
- Champion's Plaza
- Baseball + Multi-Purpose Field
- 13 Parking

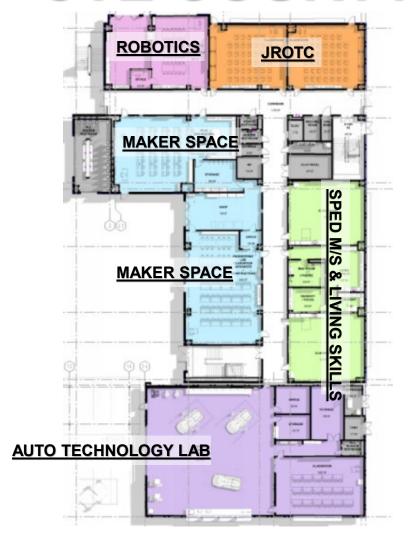




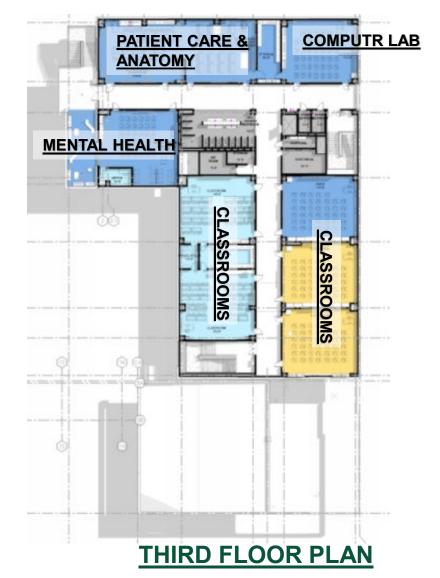




## **CTE COURTYARD**







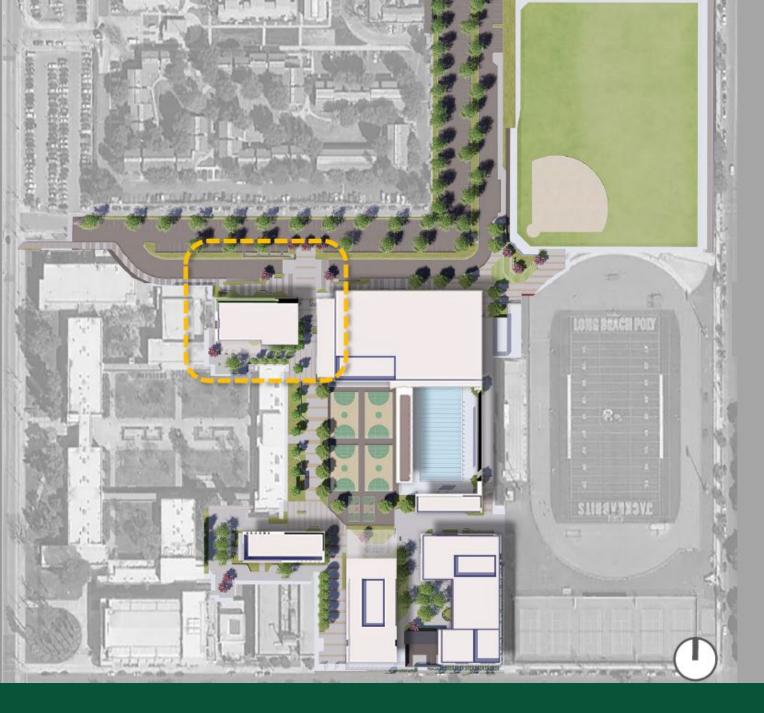
FIRST FLOOR PLAN

**SECOND FLOOR PLAN** 



# HVAC +

- HVAC system installation
- ADA Accessibility upgrades
  - Restroom upgrades
  - Fire Alarm upgrades
- Ceiling mounted overhead projectors
  - Marker boards and tack boards
    - Ceiling repair
    - Interior Lights
    - Interior and exterior painting
      - New finishes
  - Seismic upgrades for building 500
    - Signage (campus-wide)





## STUDENT SERVICES

## **AERIAL VIEW FROM THE JACKRABBIT LANE**













## **NEW CONSTRUCTION**



#### STUDENT SERVICES BUILDING







## PERFORMING ARTS

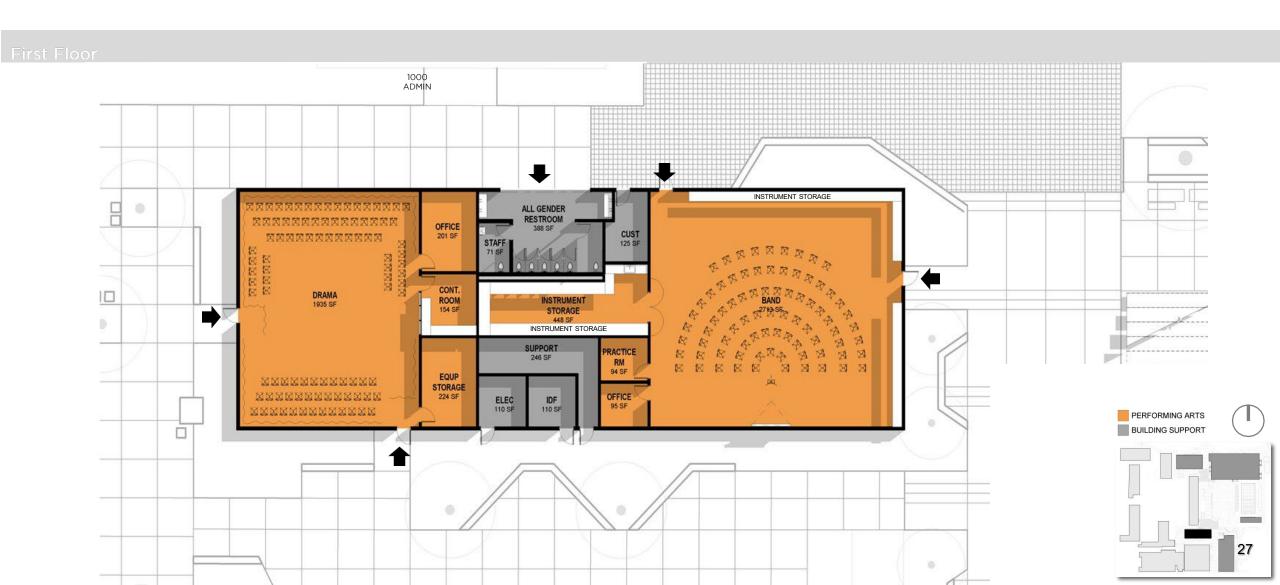




## **NEW CONSTRUCTION**



#### PERFORMING ARTS BUILDING







## NEW CLASSROOM BUILDING







## **NEW CONSTRUCTION**

# Excellence

#### **CLASSROOM BUILDING**







## GYMNASIUM

## **AERIAL VIEW FROM THE JACKRABBIT LANE**



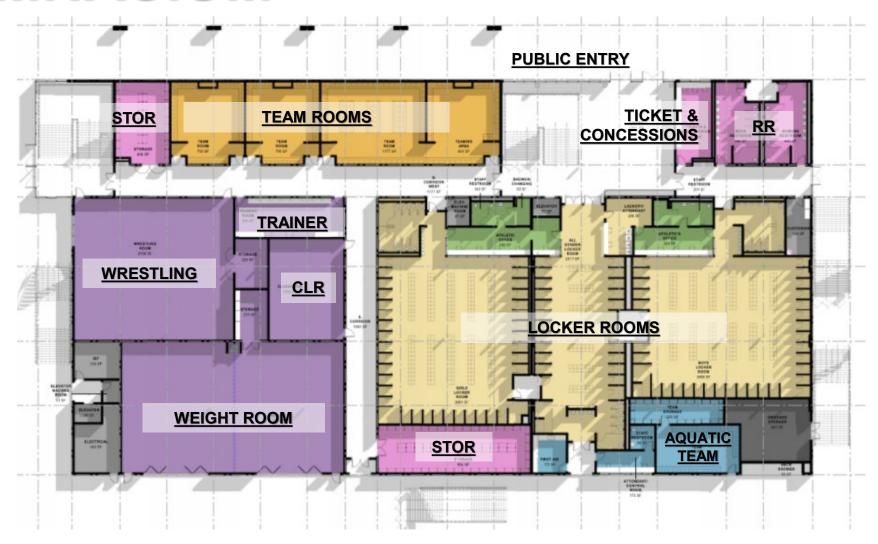






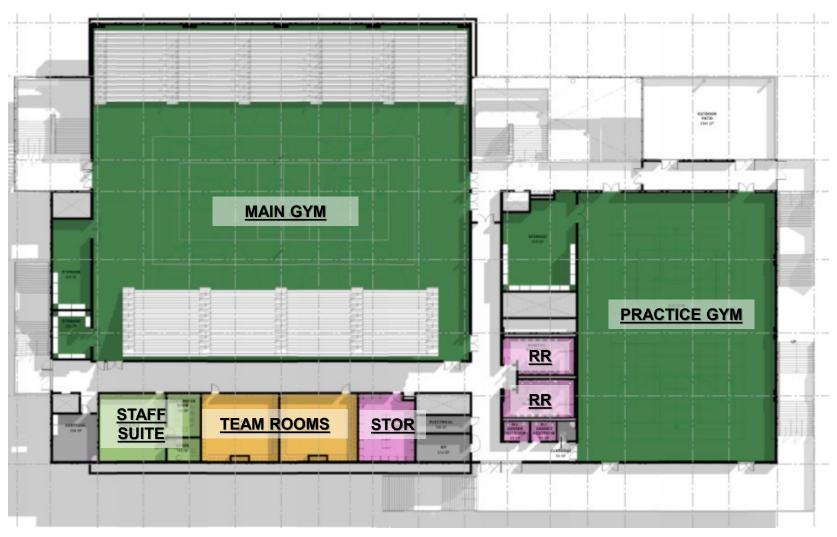


# **GYMNASIUM**

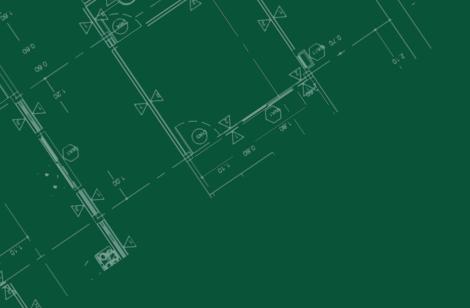




# **GYMNASIUM**



**SECOND FLOOR PLAN** 





# **CONSTRUCTION LOGISTICS**



# SITE PLAN PHASING

Interim housing – winter 2024 through summer 2025

Phase 1 – summer 2025 through winter 2027

#### - HVAC Modifications

- **✓** Mod 1.a: Buildings 200, 300, 400 and Band
- ✓ Mod 1.b: Cafeteria, Library, Admin
- ✓ Mod 1.c: Science building

New Career & Technical Education (CTE) Classroom Building

Phase 2 – winter 2027 through summer 2030

- Demolition of aged buildings
- All other new buildings

Baseball Field – summer 2030 through summer 2031

# FIRST PHASE SCHEDULE

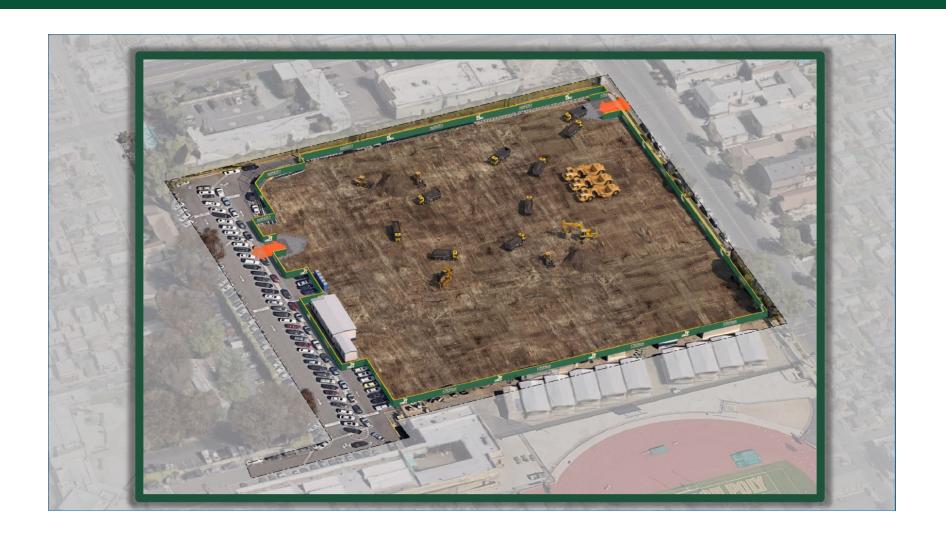




PHASE	20	24		2025									2026										2027															
	Z	D	J	F	M	A	M	J	J	Α	S	0	N	П	7	F	M	A	M	J	J	Α	S	0	N	D	7	F	M	A	M	J	J	Α	S	0	N	D
INTERIM HOUSING																																						
MODS PHASE 1A															Ш																							
MODS PHASE 1B																																						
CTE BUILDING																																						
MODS PHASE 1C																																						

#### INTERIM HOUSING CONSTRUCTION LOGISTICS





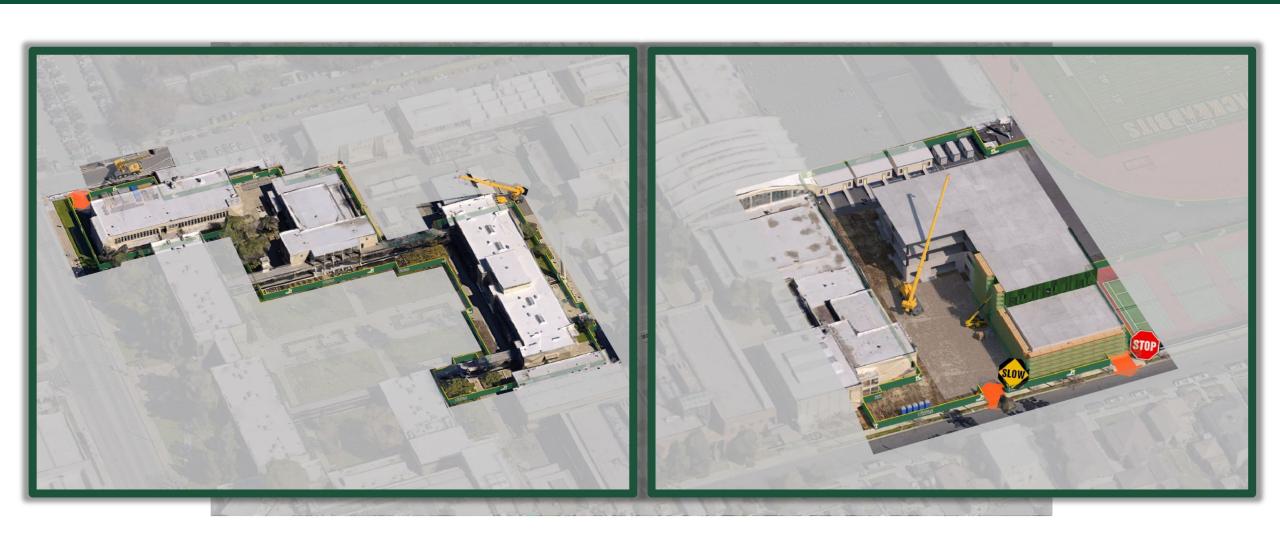
### **CONSTRUCTION LOGISTICS – PHASE 1a**





### **CONSTRUCTION LOGISTICS – PHASE 1b**





### **CONSTRUCTION LOGISTICS – PHASE 1c**





## **OFFSITE SPORTS FACILITIES**



During construction of the new buildings and modernization of existing buildings, classes will be moved into Interim Housing which will be located at the current baseball field

The District is currently looking into alternate locations for sports that are played on the current baseball

and softball fields (Baseball, Softball, Soccer, Flag Football, etc.)

Potential venues include Cabrillo High School, Browning High School, & Long Beach City Parks & Recs

Transportation for student athletes will be provided



# PROJECT TEAM







**Acoustical** 



**Food Service Design** 



Contractor





**Pool Design** 



# **THANK YOU**

# LONG BEACH UNIFIED • SCHOOL • DISTRICT Excellence & Equity, FACILITIES DEVELOPMENT & PLANNING

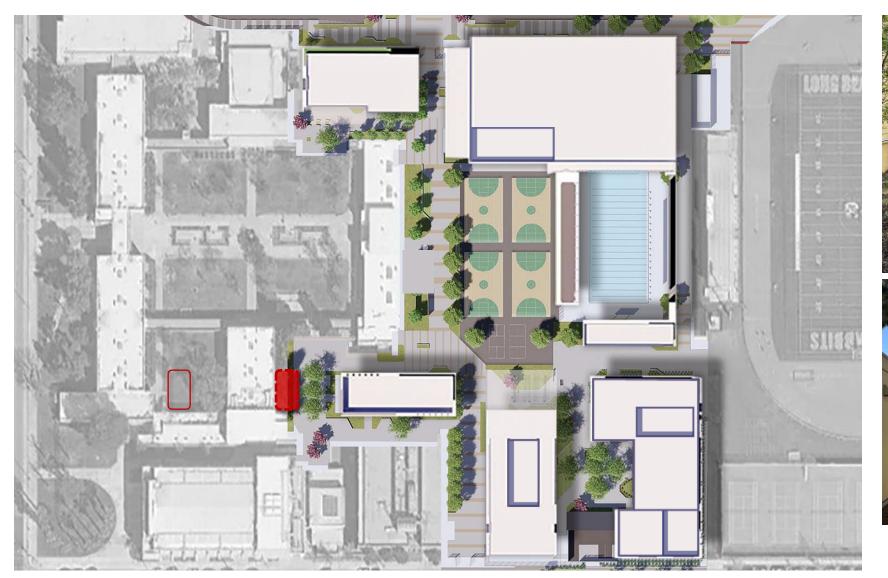
#### **CONTACT:**

LBSchoolBonds.net schoolbonds@lbschools.net (562) 997-7550



# FRIENDSHIP GARDEN









## INTERIM HOUSING PHASING

Excellence

Phase 1 MOD 1.a

Summer 2025 - Fall 2026

Buildings 200, 300, 400 and Band

Phase 1 MOD 1.b

Fall 2026 - Winter 2027

**Buildings 100, 500 and 600** 



Phase 2

Winter 2027 – Summer 2030

Building 250, 150, 550, 700, 800, Gym

