

LOGAN MEMORIAL EDUCATIONAL CAMPUS

This campus is a walkable neighborhood learning center, engaging parents and inspiring students. Student centered learning environments support, hands-on learning, teamwork, critical-thinking and problem-solving skills.



LOGAN MEMORIAL EDUCATIONAL CAMPUS



CONCEPT

The Logan Memorial Educational Campus, TK-12 grades, rebuilds the existing K-8 campus and adds a new high school, the first for Logan Heights, and infant day care center.

The building forms are simple, bold and influenced by Mexican modernism. Resulting in architecture that fits the neighborhood and builds on the rich cultural history of the area.

PROJECT GOALS

- Quality schools in every neighborhood.
- TK-12 grade level configuration
- Infant Daycare Center (6 month-2 year old)
- Academic program alignment
- Career pathways
- Student safety
- Community use and access
- Keep the existing school operational during construction

OUTCOMES

There was a need to provide updated facilities in this community to become more equitable within the District, but more importantly change was needed academically in the programs and teaching methodologies to close the achievement gap. This project provides generational change to the community through resources and programs offered and career or college readiness upon graduation.

BUDGET/ PROJECT DATA

Completion Date:	December 2022
Construction Costs:	\$182,000,000
Building Area:	241,106 SF
Site Area:	19.3 Acres
Enrollment Capacity:	1,905 Students TK-12

SCOPE OF WORK

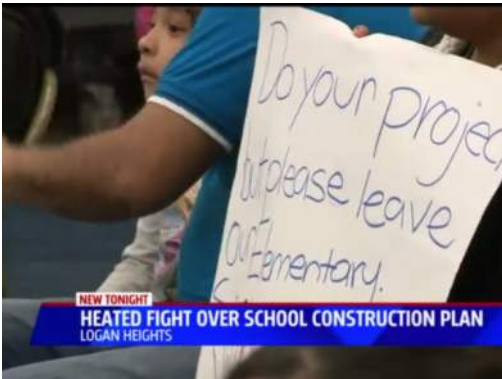
- TK-6 Campus
- 7-12 Campus
- Infant Child Development Center (6 month-2 year olds)
- Athletic fields/ Synthetic track/ Field Lighting
- Community Use Spaces
 - Community Room
 - Health Clinic
 - Wellness Center



Process

The design solution is a result of seven public community-based meetings that brought together teachers, administrators, and the community. The community had a voice in planning the campus resulting in a solution through consensus.

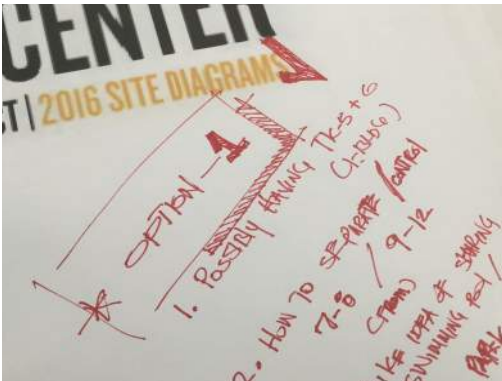
Starting with protest and ending with a master plan and applause. The first master plan meeting opened with protest signs and news crews. The neighborhood elementary school was rumored to be closing. The existing school had a great sense of pride in the neighborhood and wanted to be preserved in the master plan. With the process being open and transparent, the resulting master plan included the elementary grades while balancing the 7-12 campus needs.



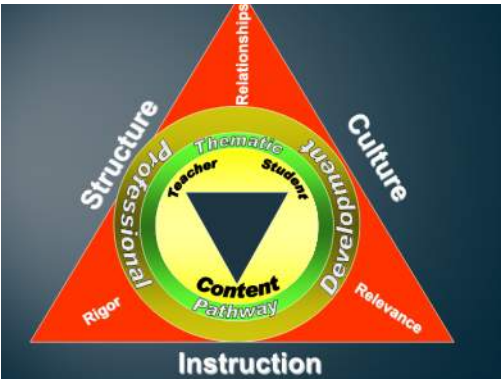
Kick Off Meeting: Community Protest



Master Plan Session: District Visioning



Master Planning: Community Input



District Instruction Concept



Master Plan Session: Project Review



Design Task Force: Concept rendering

Site Planning

Summary: A collaborative work session was developed to allow the participants of the master plan meetings to review and comment on the site planning concepts. Small Groups were formed to allow each participant to participate in the drawing and layout of several schemes. Comments and concepts were incorporated into the resulting site schemes.



COMMUNITY COMMENTS OPTION 1

- Create separation between 7-8 and 9-12 grade levels
- Locate 7-8 grade classrooms in a separate building
- Fields should be highly visible from the street
- Gym adjacency to existing rec center for joint use

COMMUNITY COMMENTS OPTION 2

- Switch the location of the 9-12 grade and 7-8 grade
- 9-12 programs should be in the existing Memorial buildings
- Fields to be open and accessible to the park
- TK-5 should get a larger area
- Concern over the TK-5 being so close to a busy intersection/street
- Move the large parking lot closer to the south side



SITE ZONING - OPTION 1



SITE ZONING - OPTION 2

Context

Logan Heights is one of the oldest and most culturally-rich urban neighborhoods in San Diego. The area was predominantly residential by the start of the 20th century with access to the beach and San Diego Bay. It's development began in 1910 with the influx of refugees of the Mexican Revolution, who soon became the majority ethnic group through its growth. Beginning its decline, during World War II the beach and bay access was lost due to the expansion of U.S. Navy and defense industries.

The neighborhood continued to degrade during the 50's and 60's due to rezoning that allowed industrial uses including ship building and maritime uses. The construction of interstate 5 through the heart of the community and the construction of the Coronado Bridge covered much of the community with a concrete roof. After years of decline and the community not having a voice, the site under the Coronado Bridge was reclaimed for park use creating what would later be known as Chicano Park. Local artists covered the bridge pillars with murals and parkland was eventually extended all the way to the bay, restoring beach and bay access for the community.

The area continues to gentrify and the neighborhood is becoming a hotspot for art and authentic local culture. The Logan Heights community is a living example of the change and evolution that have continuously shaped the area's cultural heritage, development patterns, economic opportunities, and social fabric.



Before: Logan Memorial Campus



After: Logan Memorial Campus



Before: View at Ocean View & 28th Street



After: View at Ocean View & 28th Street



Neighborhood Art



Former City Library



Surrounding Neighborhood Context



Surrounding Neighborhood Context

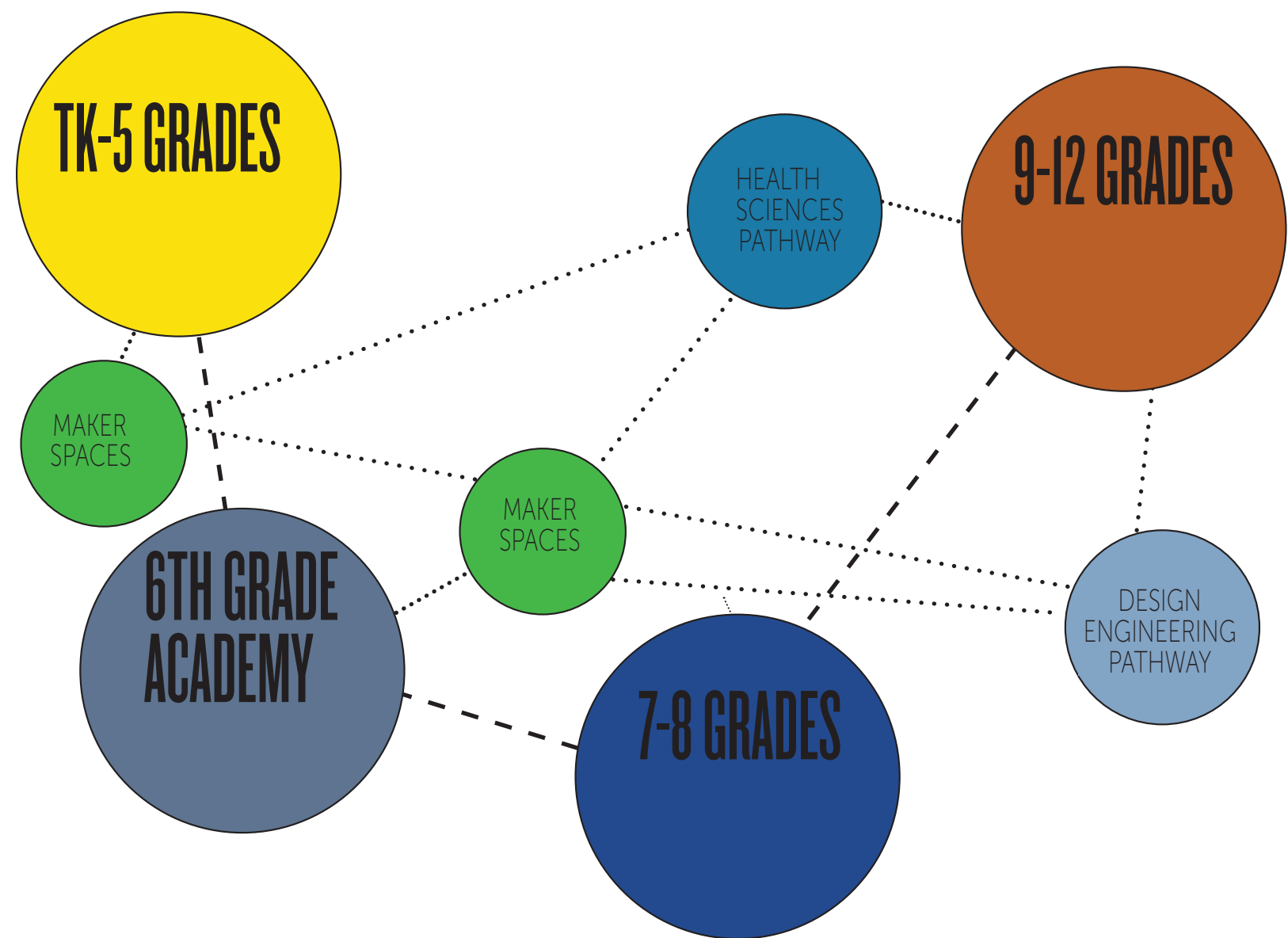


Existing Memorial Campus



Existing City Library

Academic Concepts



The design focuses on three primary academic concepts: Continuous Student Relationships, Integrated Learning Experiences and Student-Centered Environments.

Continuous Student Relationships:

Students have an opportunity to develop long lasting relationships with the administrators and teachers from TK through 12th grade. This benefits the students as they progress through the grade levels and ultimately don't end up getting lost in the system as they move from school to school. Grade level transitions are eased because the students are familiar and comfortable with the administration and are part of a larger community. Allowing for the administration to personalize the learning experience for the students depending on their needs.

Integrated Learning Experiences:

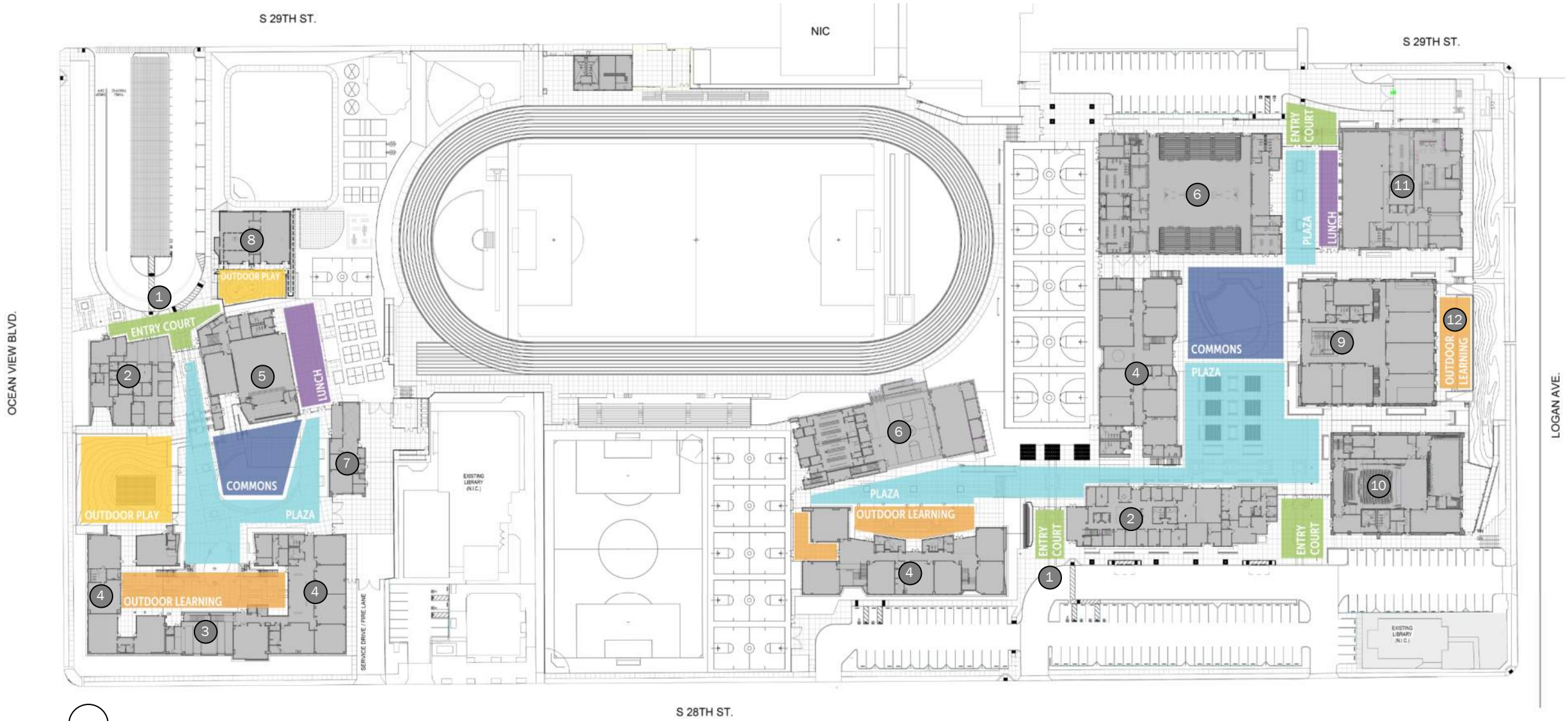
The district will be implementing a Montessori program creating a first of its kind learning experience through TK-12 grades. Career pathways in Healthcare and Engineering Design will be offered creating real world opportunities and internships for the students. Educational environments have been designed to support, hands-on learning, teamwork, communication proficiency, and critical-thinking and problem-solving skills.

Student Centered Environments:

This campus will be a place students want to be. At the K-6 campus the learning commons is adjacent two maker spaces. Resulting in a vibrant student environment where students create, research, think and present. The 7-12 learning commons is adjacent to the career and counseling center, creating a space that supports socialization, on-line course work and ultimately is a place students want to be. Throughout the entire campus are maker spaces; giving students spaces with 3D printers, laser cutters and other equipment where they can gather to design, prototype and create manufactured works.

Campus Planning

1. Main Entry
2. Administration
3. Learning Commons
4. Classrooms/Collaboration
5. Multi Purpose Room.
6. Gym / Pavilion / Locker Room
7. Food Services
8. Child Development Center
9. Repurpose Existing Building - CTE Classrooms
10. Repurpose Existing Building - Theater
11. Repurpose Existing Building - MPR/Food Services
12. Outdoor CTE Work Yard



ENVIRONMENT

Site Planning

This campus creates a walkable neighborhood center with easy accessible and securable joint use spaces. The campus is developed as neighborhood learning centers, engaging parents and community volunteers in the educational process. The school will continue to serve as a community center to the neighborhood. Spaces and programs that support this connection include.

Community Use	Concept
Community Room	The community room will support parent involvement, but it will also be a center various programs and activities that will be offered to the community through the School District.
Wellness Center	The Wellness Center is a family resource center, where coordinated District and community support services are accessible and customized to fit the needs of the neighborhood in which it is located. Services can vary from social work, workforce solutions, legal aid, tutoring, food pantry, housing aid and parent and adult education.
Health Center and Clinic	The clinic facility includes exam rooms and offers child care and pediatric and adolescent medicine. It is staffed with a physician and or nurse practitioners. The clinic is linked closely to community agencies and the school.
Provide for access to joint use of selected facilities and events after school hours.	The fields, gym, theater and multipurpose spaces have been carefully located along the exterior of the campus to provide direct public access and use. Allowing for the campuses to be secured during after hour use.

1. Main Entry

2. Administration

3. Learning Commons

4. Classrooms

5. Multi Purpose Room

6. Gym/ Gym Pavilion / Locker Room

7. Food Services

8. Outdoor Dining
9. Parking

10. Mixed Use Fields

11. Track & Field

12. Hard Courts

13. Infant Child Development Center

14. Playground

15. Existing Community Library
16. City Rec Center/ Memorial Park

17. Repurpose Existing Building - CTE Classrooms

18. Repurpose Existing Building - Theater

19. Repurpose Existing Building - MPR/Food Services

20. CTE Outdoor Work Yard

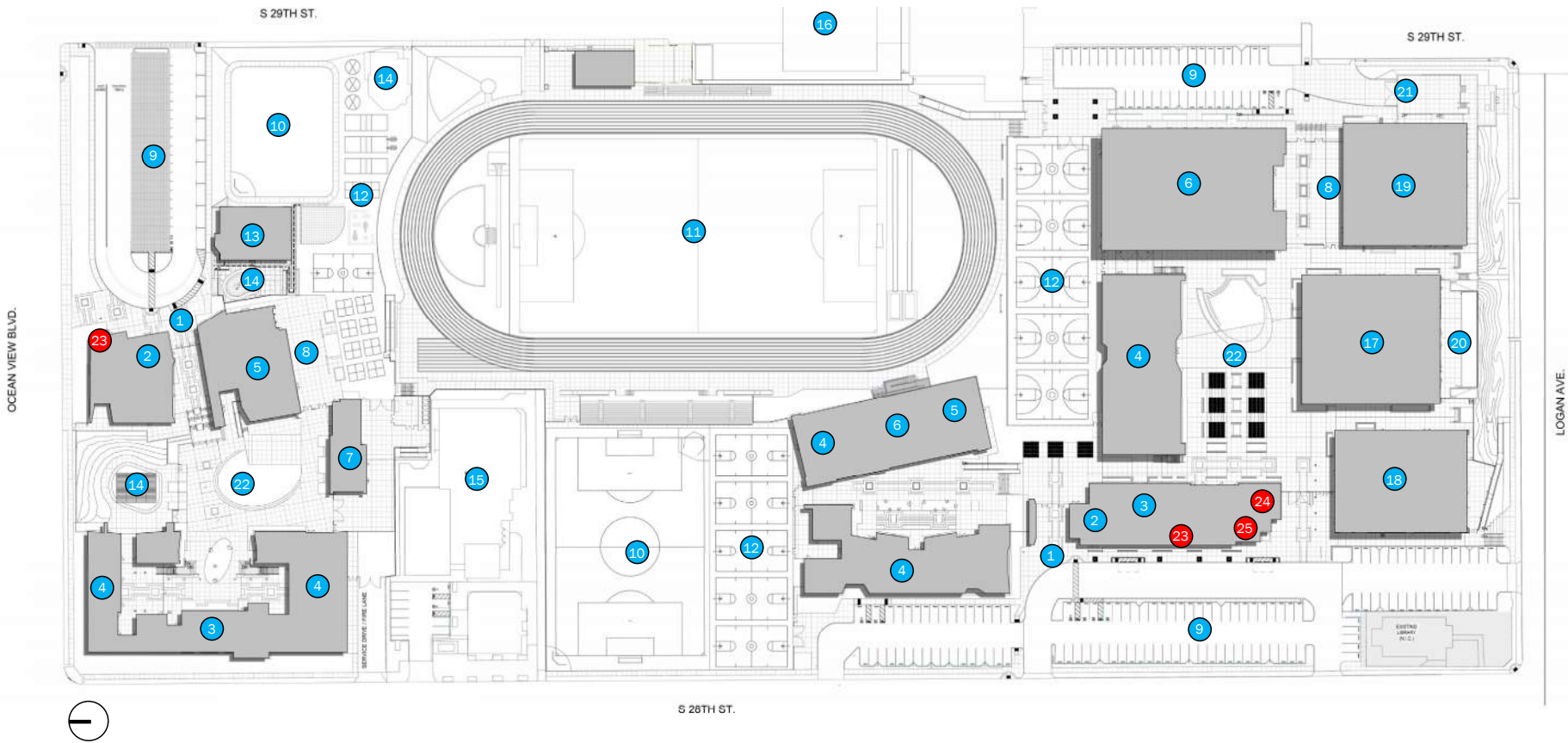
21. Service Yard

22. Plaza / Commons

- On-Campus Community Use**
23. Community Room

24. Health Clinic

25. Wellness Center

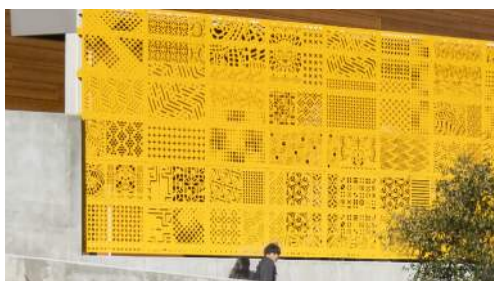




BRANDING

A new campus brand identity was developed and integrated into the design including new logos, typography, monument signage, existing and new murals, and custom ornamental metal works into the design. Creating an engaging and memorable brand for the Logan Memorial Educational Campus. Each of the eight large scale exterior building art panels abstractly represent one of the core concepts of the school including community, compassion, creativity, growth, leadership, collaborate.

EDUCATIONAL ENVIRONMENT



Custom Fence Concept



Monument Sign Concept

EDUCATIONAL ENVIRONMENT

Logan Memorial Educational Campus | SAN DIEGO UNIFIED SCHOOL DISTRICT

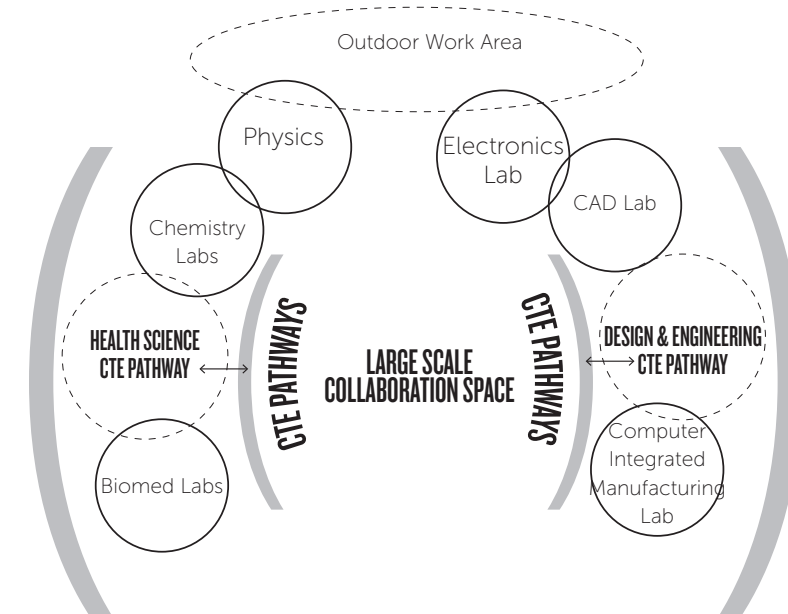


CTE PATHWAYS

The 9-12 campus has two career pathways, health sciences and design engineering. These pathways resulted from the master plan meetings held with the community. Students will have access to internships through local business partners preparing them for career or college.

The existing Memorial two story building will be renovated to accommodate these programs. Roll up doors will be added from the design labs to an outdoor covered work area that can accommodate welding and construction type activities.

Bringing the two programs together at the center of this building is a large tiered collaboration space. This space can accommodate large group presentations, but can also be a hang out before and after class.





EDUCATIONAL ENVIRONMENT

PERFORMING ARTS

The existing Memorial Arts building will be renovated to provide a state of the art theater and music facility. The space will accommodate 225 students and will become a treasured resource in the community.



Existing Theater

EDUCATIONAL ENVIRONMENT

Student Centered Spaces

LEARNING COMMONS

The District has re-visioned the Library as a Learning Commons, shown here, as a collaborative learning environment. Creating a space for students to socialize and to showcase their work to the campus and connect with their peers. It's intended to be a loud and lively space.

The 7-12 Learning Commons replaces the traditional library. It is a blend of traditional stacks, computer stations for online learning and soft seating for informal student collaboration. This space is adjacent the career and counseling center. Connecting students with career and or college opportunities and counseling services



EDUCATIONAL ENVIRONMENT

Student Centered Spaces

WHERE EVERYONE COMES TOGETHER

Each classroom cluster is designed around small and large open collaboration rooms on each floor, and protected outdoor areas provide an extension of the teaching environment throughout the campus. Students can move comfortably between group instruction, individual research, project team activities and maker spaces both interior and exterior. Giving students options that they are most comfortable in to complete their work. Transparency in the design allows for ease of supervision as students use all portions of the site as a learning environment.

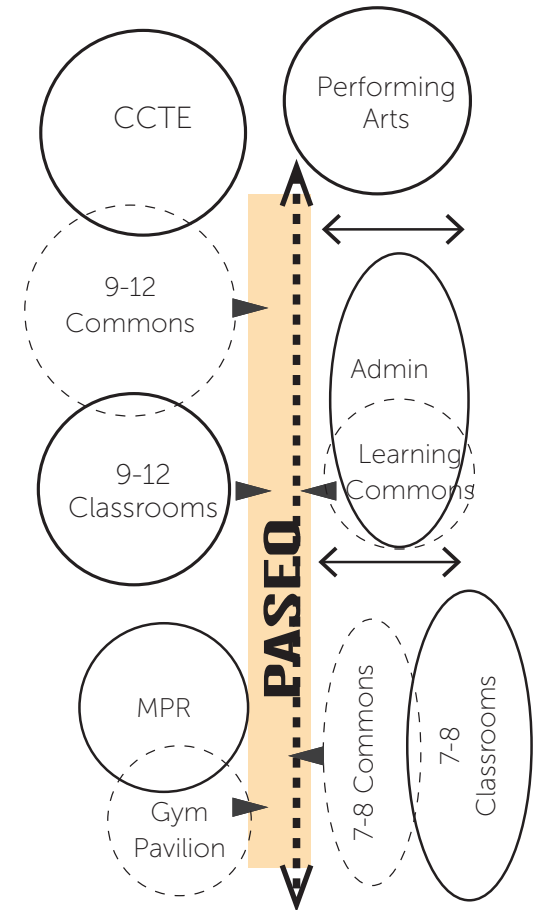
EDUCATIONAL ENVIRONMENT

Student Centered Spaces



EDUCATIONAL ENVIRONMENT

Paseo: Campus Connections



PHYSICAL ENVIRONMENT

The 7-12 campus entries and activities are arranged around the campus paseo connecting the campuses and student spaces together. Creating outdoor spaces that are active, comfortable for students, and easy to supervise.

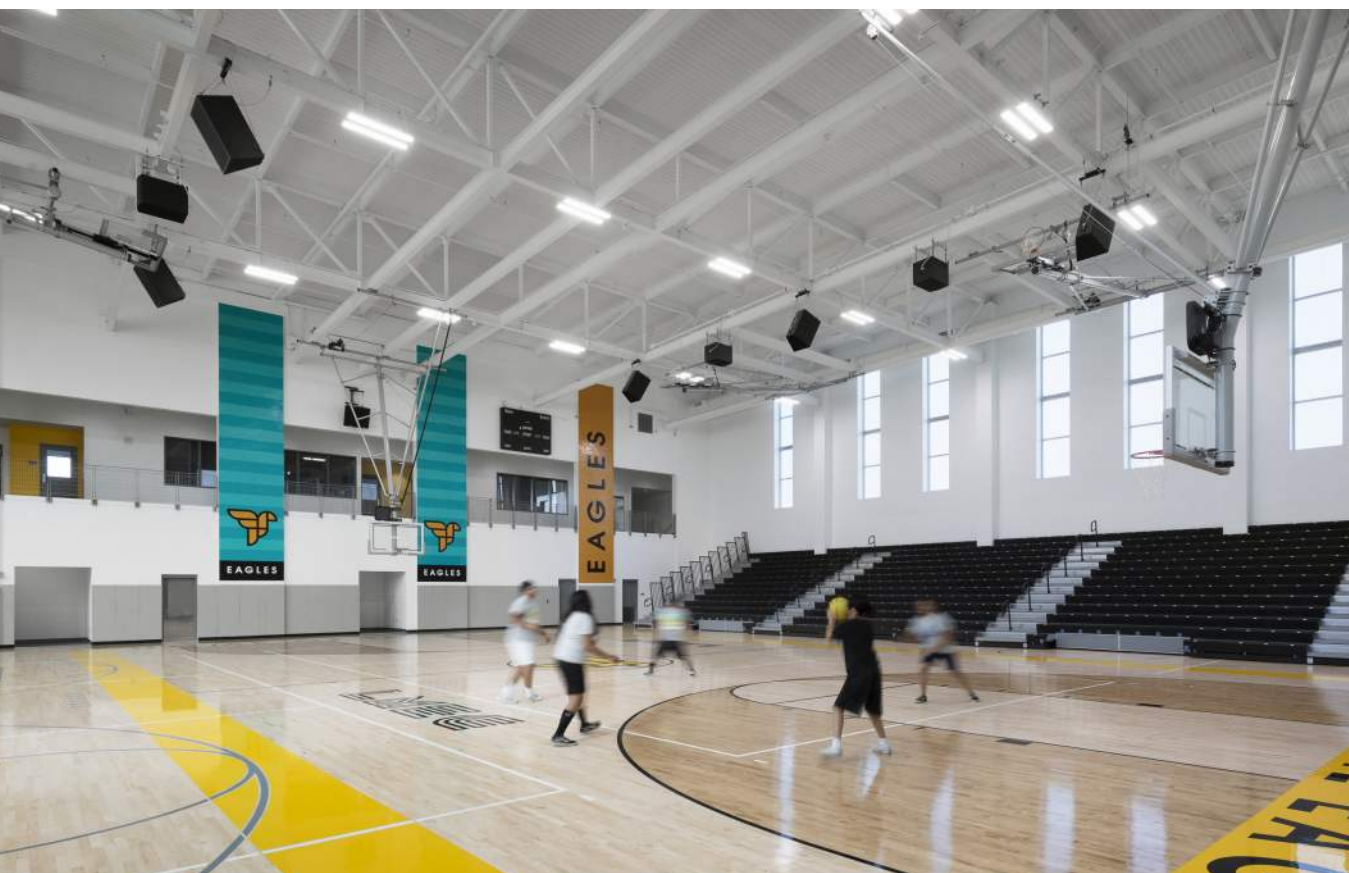
PHYSICAL ENVIRONMENT



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PHYSICAL ENVIRONMENT



SUSTAINABILITY

Sustainability was a key factor in design decisions regarding the creation of learning environments. Three of the existing buildings were salvaged, adapted to new uses and structurally upgraded. Offsetting the need for much of the steel and concrete in these buildings and resulting in reduced carbon footprint. By being CHPS

designed (Collaborative of High Performing Schools) The project focuses on student wellbeing through optimal indoor environmental quality, natural ventilation, use of low emitting materials, high acoustical performing learning environments, maximize access to daylight and glare reduction throughout. Building systems and materials focus on minimizing material, water and energy

use. The campus has over 55,000 sf of PV panels, with an annual energy production of 1,289,690 kWh, resulting in a planned 92% energy offset with potential of net zero depending on actual operation and usage.

PHYSICAL ENVIRONMENT

DISTRICT AND COMMUNITY GOALS

QUALITY SCHOOLS IN EVERY NEIGHBORHOOD

The project successfully re-integrates a high school campus and curriculum into the Logan Heights neighborhood where one has been lacking for many years.

ACADEMIC PROGRAM ALIGNMENT

Having all grade levels in close proximity allows for the development of educational pathways that can be a continuous experience crossing over grade-levels and schools.

STUDENT SAFETY

The Logan Heights neighborhood has seen many challenges in its storied history. A current resurgence of the neighborhood will be buoyed by the extensive investment in the community anchor that is this campus. The added student population will increase activity on and around the campus which will also benefit the City park next door by adding a more family oriented element to the park operations.



RESULTS OF PROCESS & PROJECT



REUSE EXISTING BUILDINGS

The three existing Memorial buildings on the Southern portion of the site will be completely renovated. Including seismic and system upgrades. The buildings will also be re-clad to have the same architectural finishes as the new buildings. Creating a cohesive campus across the entire site.



Existing Theater Building

RESULTS OF PROCESS & PROJECT



LEARNING ACHIEVEMENTS

The school which predominately serves socioeconomically disadvantaged students and has historically underperformed academically. There was a need to provide updated facilities in this community to become more equitable within the District, but more importantly change was needed academically in the programs and teaching methodologies to close the achievement gap. The District focused on offering high quality early education, public Montessori program, and through building strong partnerships with families and community. LMEC integrates with the surrounding community through on-site facilities including a CDC infant center, preschool, wellness center, externally run health clinic, community rooms and joint use of the local City branch library and community center. This project is providing generational change to the community through resources and programs offered and career or college readiness upon graduation.

RESULTS OF PROCESS & PROJECT