



Torrey Pines High School Master Plan

Schematic Plan Submittal, 21 November, 2011
Roesling Nakamura Terada Architects



**San
Dieguito**
Union High School District



Introduction

1.0 INTRODUCTION

The vision for the facilities of the San Dieguito Union High School District focuses on creating learning environments that embrace variety in teaching and learning styles, are responsive to our rapidly changing world, and will encourage students to be good stewards and citizens of a greater community.

Three areas of focus are:

- Flexible, Adaptable, and Technology Rich Facilities
- Sustainable High Performance Environments for Learning
- Community Focused Campuses

1.0 Campus Capacity

The current campus enrollment is approximately 2,670 students. The campus can serve 3,000 students at capacity.

The goal of the campus build out is to provide permanent classroom buildings and facilities to function at campus capacity.

1.1 Scope

The scope of services to accomplish the Master Plans for Torrey Pines High School includes:

- Facility Evaluations
- Programming
- Site and Facilities Development

- Project Budget Development
- Master Plan Document Preparation

1.2 Campus Identity

The Torrey Pines High School campus evokes a collegiate environment. This is due to the varied and mature landscape, and reinforced with rigorous academic, athletic, and extracurricular programs. The goal of the master plan is to strengthen the campus through increased interaction and flexibility. Interactions sought after include: student to student, student to faculty, and school to community through a variety of flexible spaces.

The master plan process focused on reenvisioning the campus and facilities to foster 21st Century Learning, providing students with the tools and understanding to prepare for the unforeseen. In a world with so much information the critical issue becomes a student's ability to discernably synthesize and collaborate. To accomplish this goal the faculty strives to foster imagination, effective communication, adaptability, curiosity, critical thinking and problem solving.

Campus design and spaces need to be flexible, adaptable and varied. To foster cross disciplinary exchange, and campus identity, the master plan draws connections between disparate sections of campus to create a unified whole.

1.3 Requirements of Learning

Many of the spaces and techniques found to foster 21st century learning have been established as timeless elements of learning. These include social learning, hands on learning, exposure to the unfamiliar, and comprehension.

Environmental aspects that contribute to learning include:

- natural light & fresh air
- complexity & contrast
- scale
- interaction
- flexibility/adaptability

The master plan provides spaces throughout for project display, critique, and cross-disciplinary integration. Indoor/outdoor teaching space gives teachers flexibility, while large outdoor gathering space accommodate whole campus activities.

Technology facilitates information transfer, and organization, accommodating group and individualized learning. Flexible laboratories, and shops not only provide spaces for organized classroom learning, but also space for clubs and extracurricular activities, where students can engage in flexible, rigorous, and technology rich learning.

1.4 Reflection of Campus Ideals

The two strongest critiques of the existing Torrey Pines High School campus related to

division. Division within the campus, and division of the campus from the surrounding community.

It is a goal of the reenvisioned master plan to remedy this division by increasing campus connections and visibility, and improving pathways and gathering space within the center of campus. These connections are strengthened by the placement and layout of new campus facilities, and tie the campus together as a whole.

The new campus connections also serve to connect the long divided athletic facilities with the academic campus. As a school equally strong in athletics it is important to show the connection between physical and mental activities.

The third division is felt between the campus and the community. The elevated campus presents an intimidating facade to the surrounding community, contrary to the open and progressive learning environment. For this reason, the reenvisioned master plan includes a new accessible entry, facilitating community, and parental interaction with school staff, while ameliorating the street presence. This is coupled with facilities through which students can interact with the community through work display, competitions, or performance.



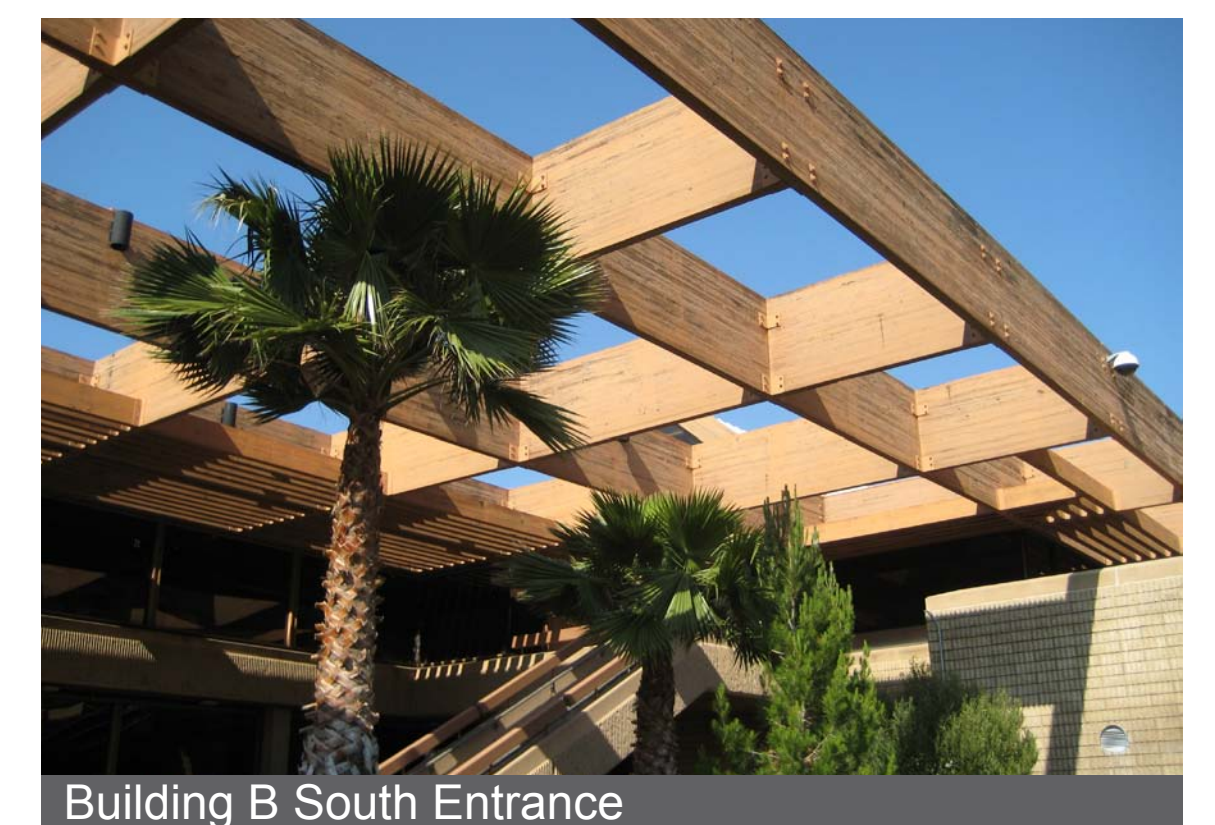
Existing Arts Building Entrance



Campus Green from North-West

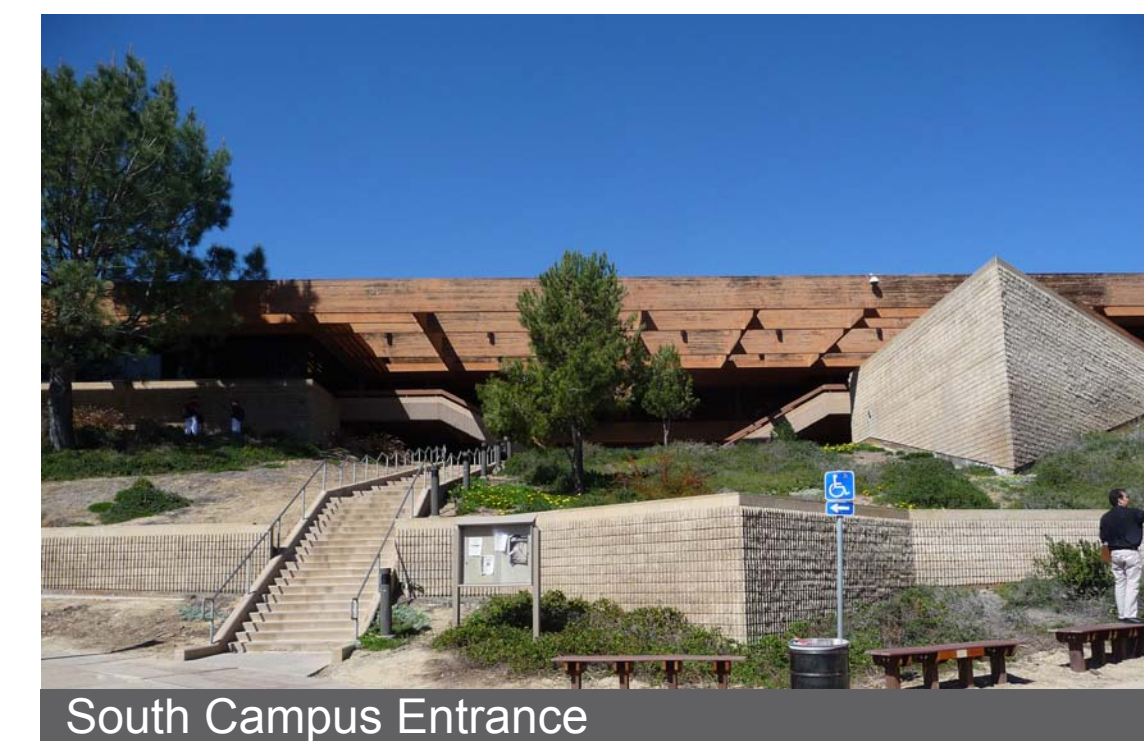
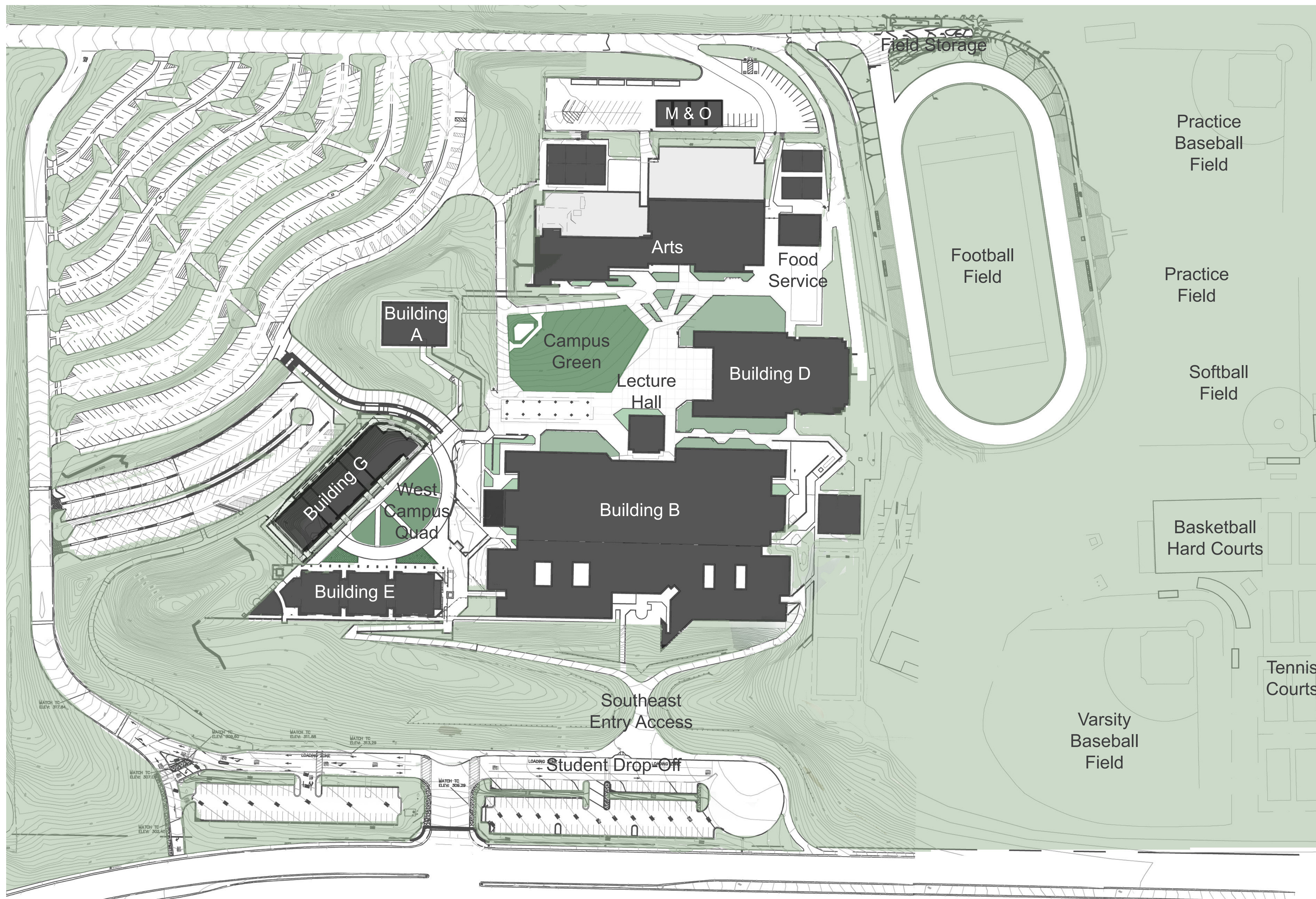


Bridge toward Arts Building

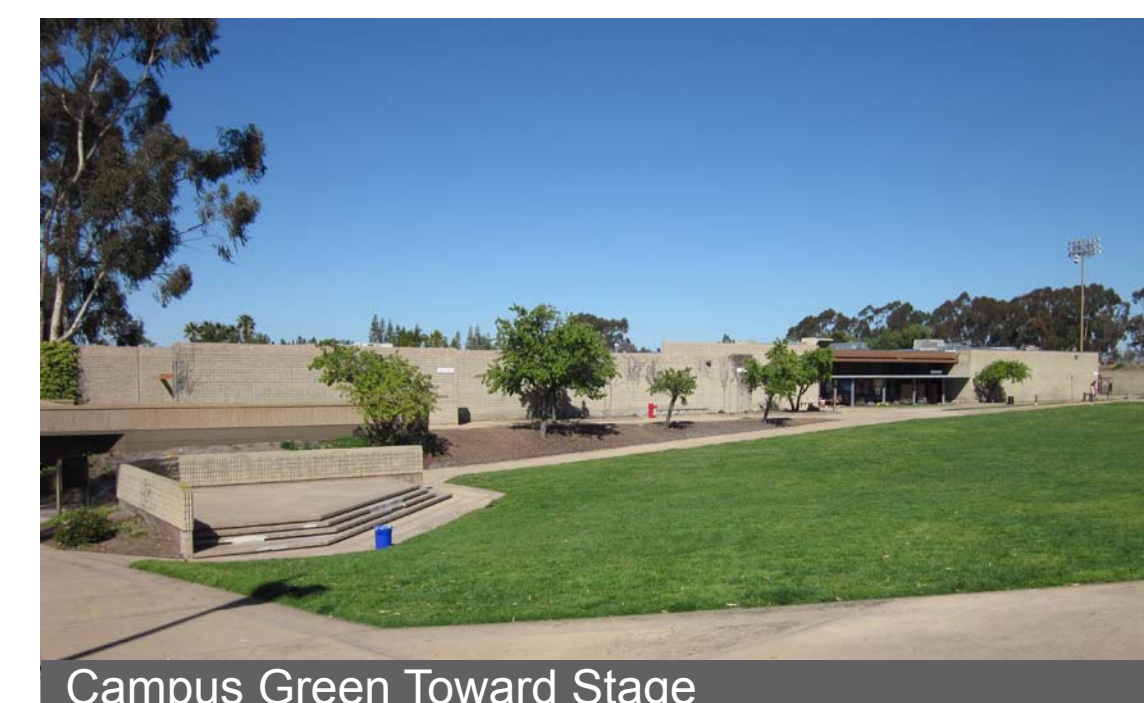


Building B South Entrance

Existing Campus Plan



South Campus Entrance



Campus Green Toward Stage



Campus Green Toward Existing Gymnasium



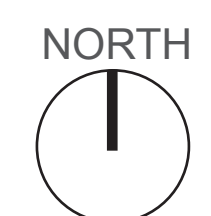
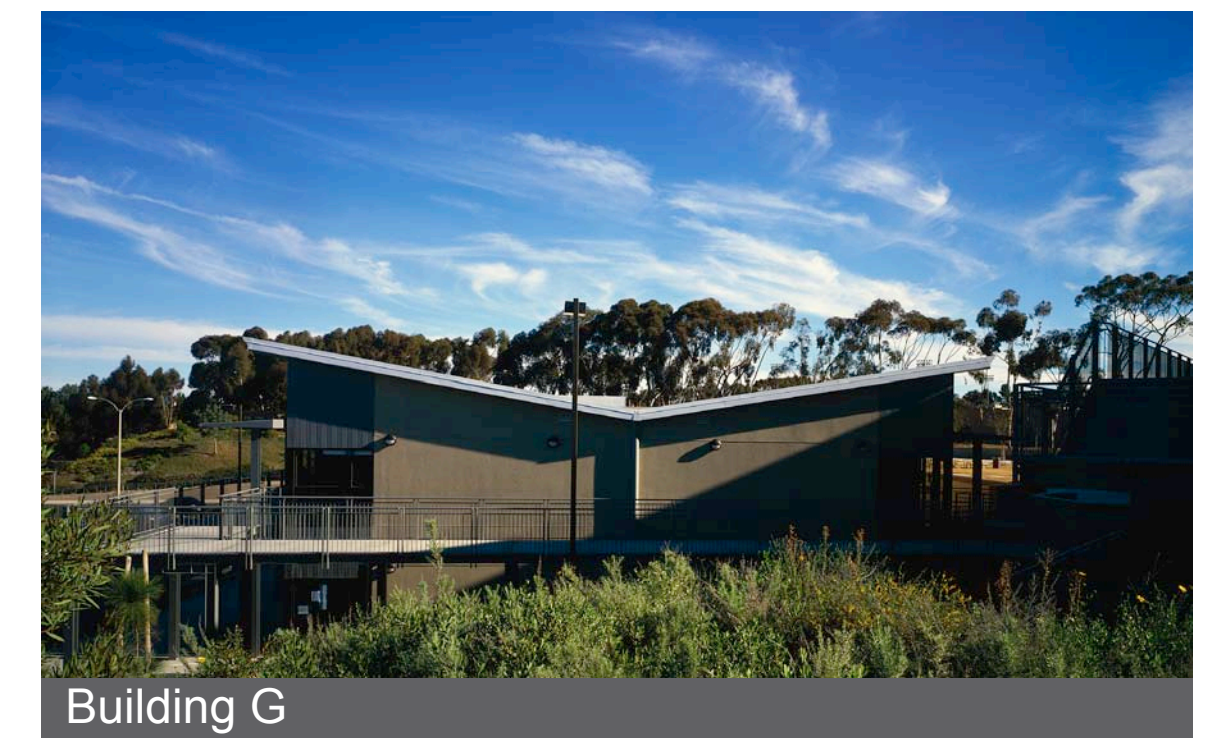
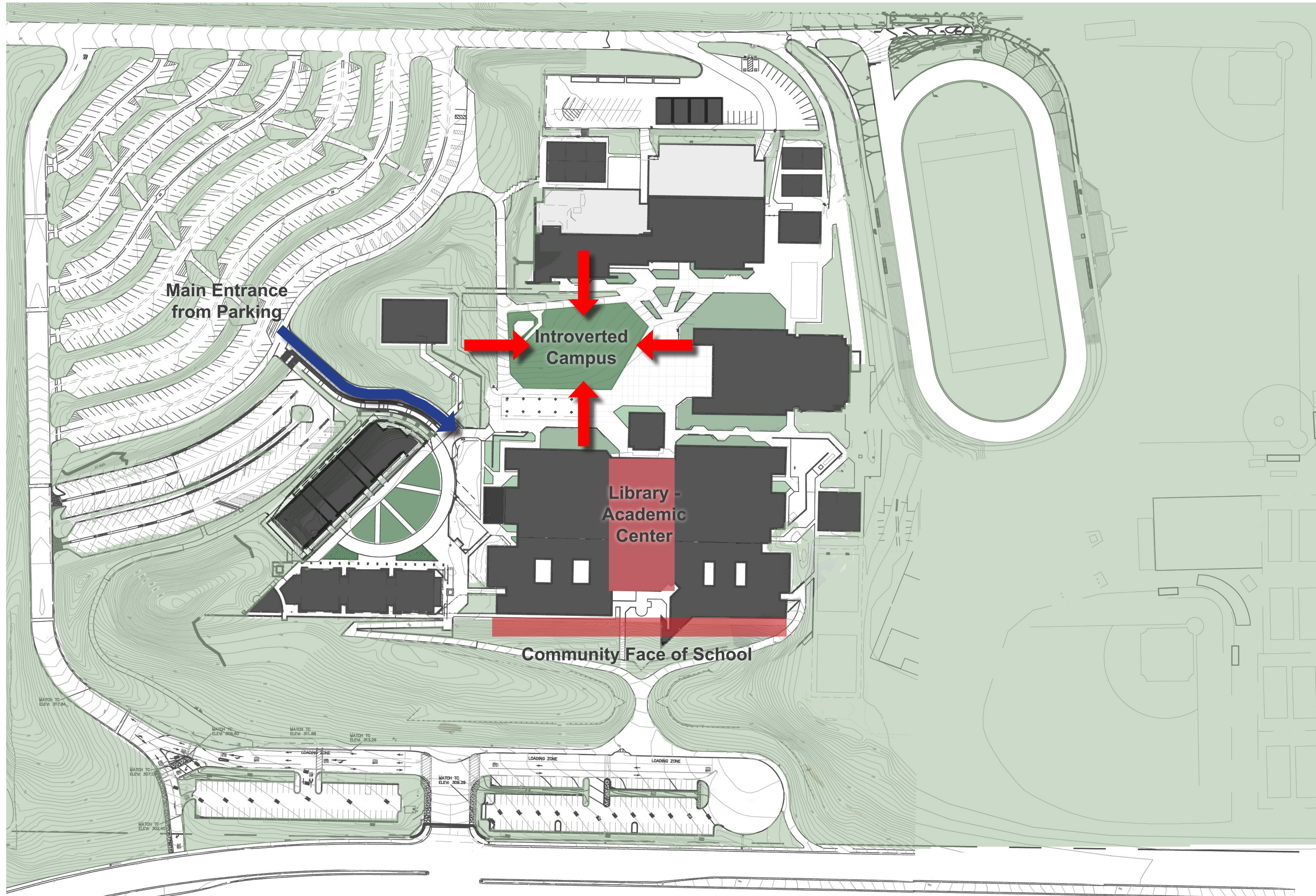
Library



Existing Campus Plan

0 100 200

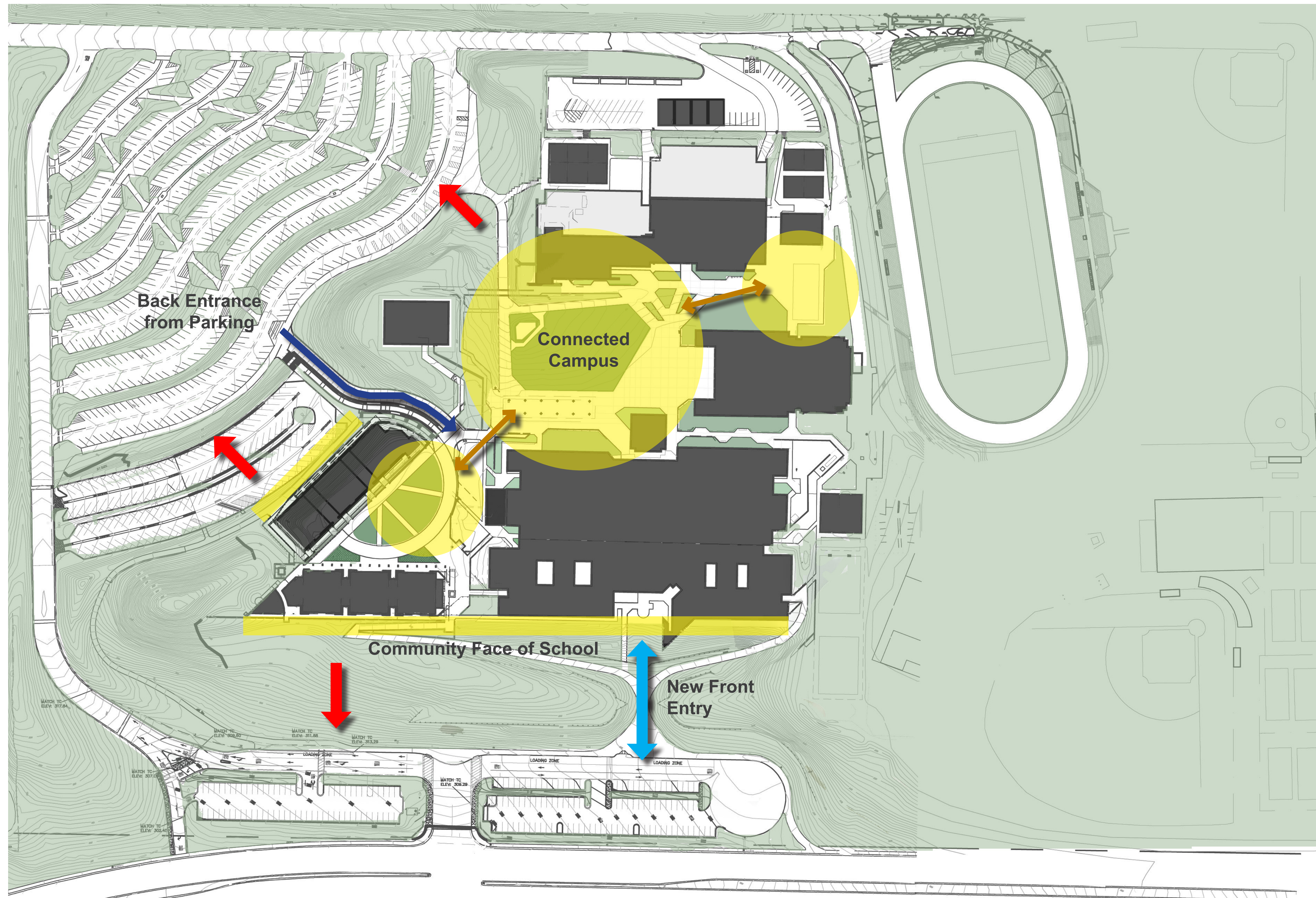
Exsiting Campus Diagrams



Existing Campus Plan

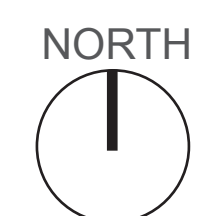
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Future Campus Goals



Campus Goals

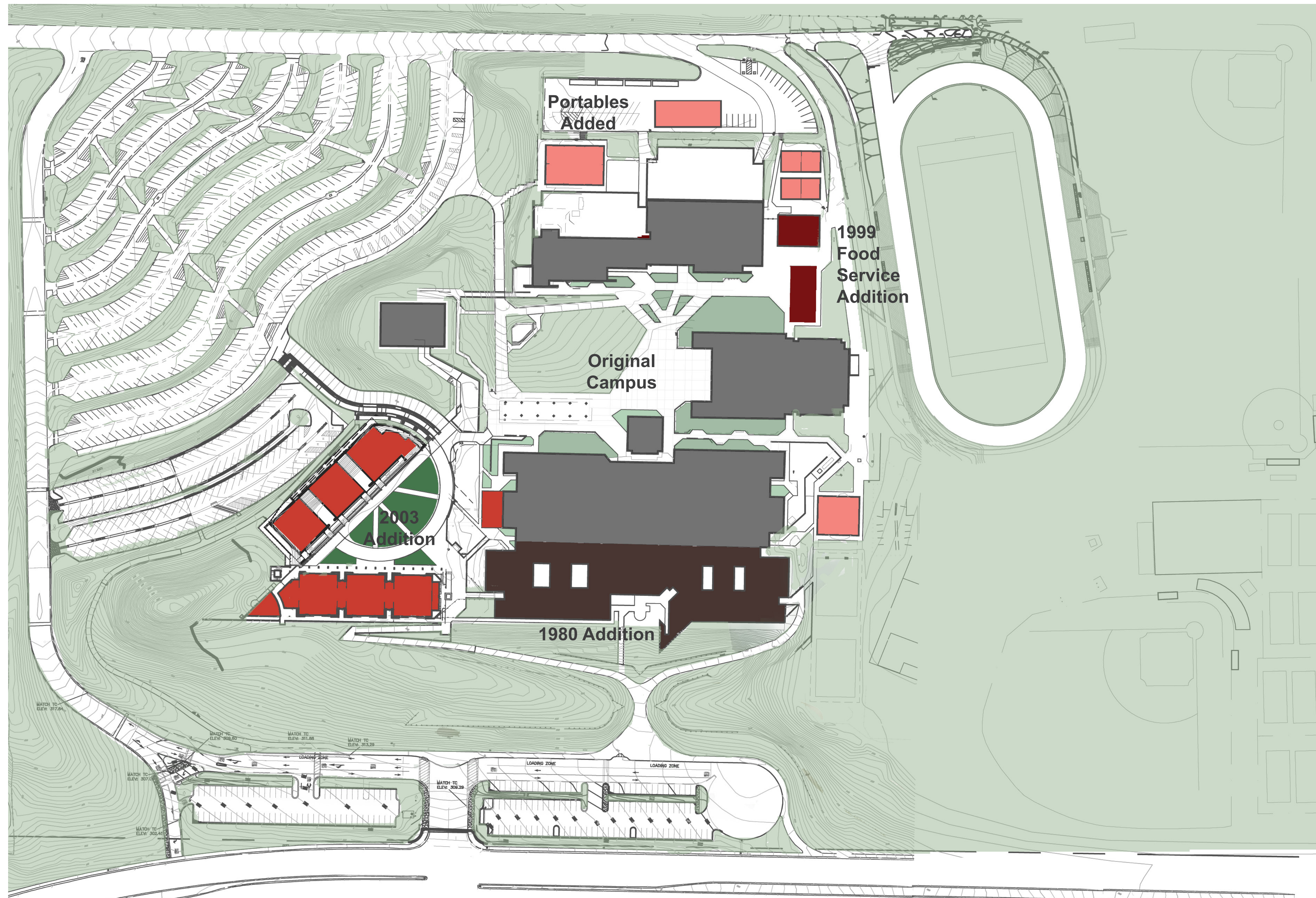
- Connect disparate sections of campus
- Represent an accurate and welcoming image to the community
- Create a more welcoming front entrance



Existing Campus Plan

0 100 200

Campus Timeline



Original Campus - 1974

- The original campus included the:
- Administration Building
 - Arts Building
 - Gymnasium
 - Original B Building

Addition - 1980

- B Building addition (iconic facade)
- Stadium
- Weight Room

Food Service Addition - 1999

- Food Service Building
- Shade Lunch Structure

West Campus Addition - 2003

- Building G
- Building E
- West Campus Quad
- New Staff Parking Lot
- New Pedestrian and Service Entry

Portables Added

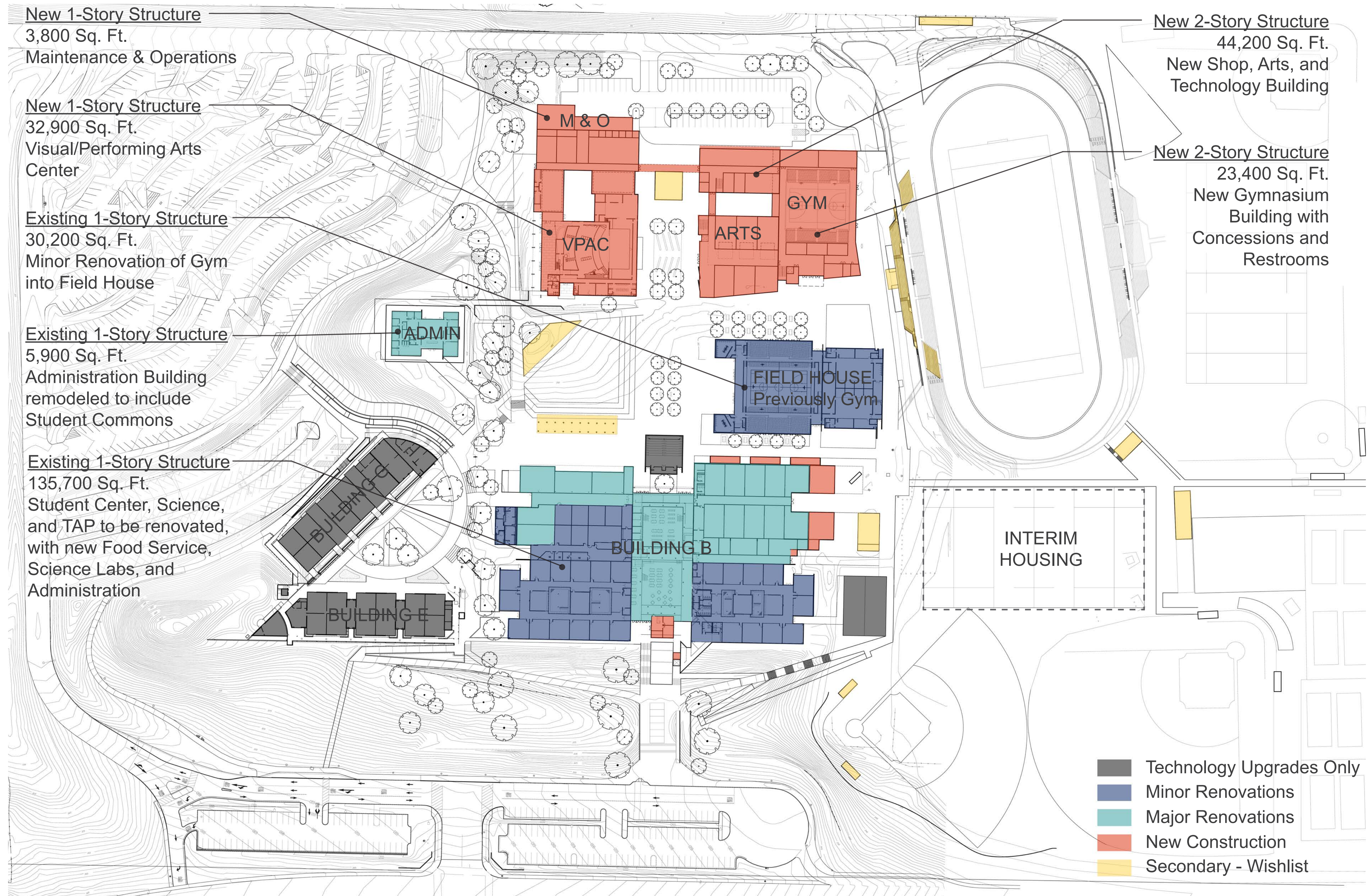
- Classroom Portables
- M & O Portables
- Field Portables



Existing Campus Plan

0 100 200

Campus Renovation Plan



New 1-Story Structure
3,800 Sq. Ft.
Maintenance & Operations

New 1-Story Structure
32,900 Sq. Ft.
Visual/Performing Arts Center

Existing 1-Story Structure
30,200 Sq. Ft.
Minor Renovation of Gym into Field House

Existing 1-Story Structure
5,900 Sq. Ft.
Administration Building remodeled to include Student Commons

Existing 1-Story Structure
135,700 Sq. Ft.
Student Center, Science, and TAP to be renovated, with new Food Service, Science Labs, and Administration

New 2-Story Structure
44,200 Sq. Ft.
New Shop, Arts, and Technology Building

New 2-Story Structure
23,400 Sq. Ft.
New Gymnasium Building with Concessions and Restrooms

- Phase 0**
Interim Housing & Infrastructure
1. Technology Upgrades
 2. West Quad Site upgrades
 3. Interim Housing

- Phase 1**
Building B Renovation
- 1A. Student Center Renovation
 - 1B. Existing Class. Tech upgrade
 - 1C. Existing Class. Tech upgrade
 - 1D. Science Classroom Renovation

- Phase 2**
North Campus Expansion
- 2A. New Construction: Arts/Gym
 - 2B. New Construction: VPAC/Music
 - 2C. New Construction: Flex Space

- Phase 3**
Campus Site Improvements
- 3A. Administration Renovation
 - 3B. Stage Expansion
 - 3C. Campus Green
 - 3D. Field Upgrades

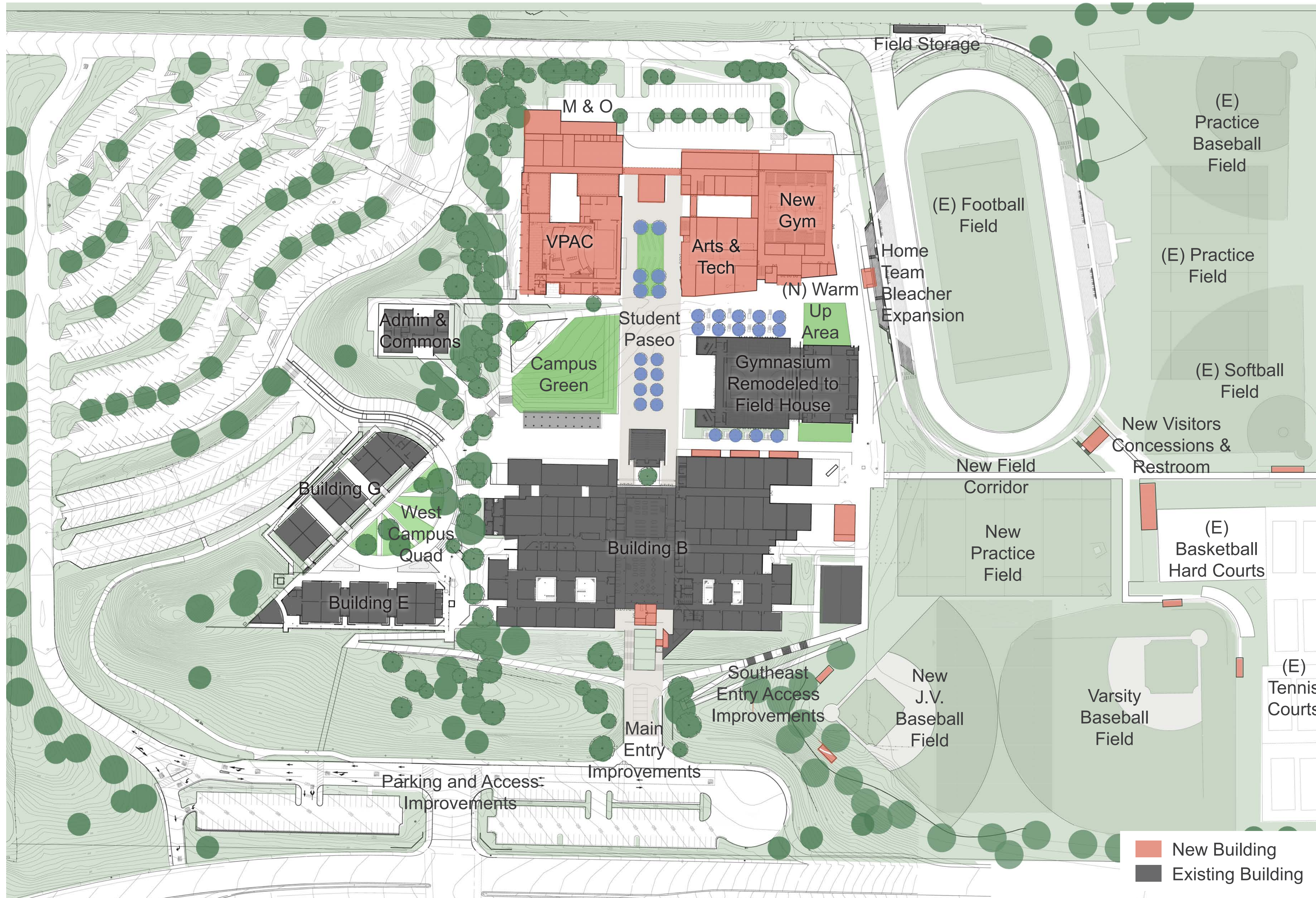
- Technology Upgrades Only
- Minor Renovations
- Major Renovations
- New Construction
- Secondary - Wishlist



Campus Renovation Plan

NTS

Overall Site Plan



Site Additions/Changes

Campus Entry

1. New Entry/ Administration Addition w/ Elevator and Stairs
2. New Formal Stair Entry with Terraced Courtyards
3. Student "Street" Corridor

Athletics

1. New Outdoor Warm Up Area
2. New Field Overlook Plaza and Announcers Bldg.
3. Expanded Stadium Seating
4. Field Improvements/ Expand & Reconfigure Fields
5. Develop Stadium Access

Arts

1. New Performing Arts Porch
2. New Arts Courtyard
3. New Performing Arts Entry Plaza

Exterior Student Commons

1. New Outdoor Cafe Seating
2. Expanded Campus Green
3. Outdoor Seating Area with Shade Trees
4. West Campus Quad Improvements
5. Torrey Pines Tree Grove

Administration Building

1. Expanded overlook patio

Parking / Access / Signage

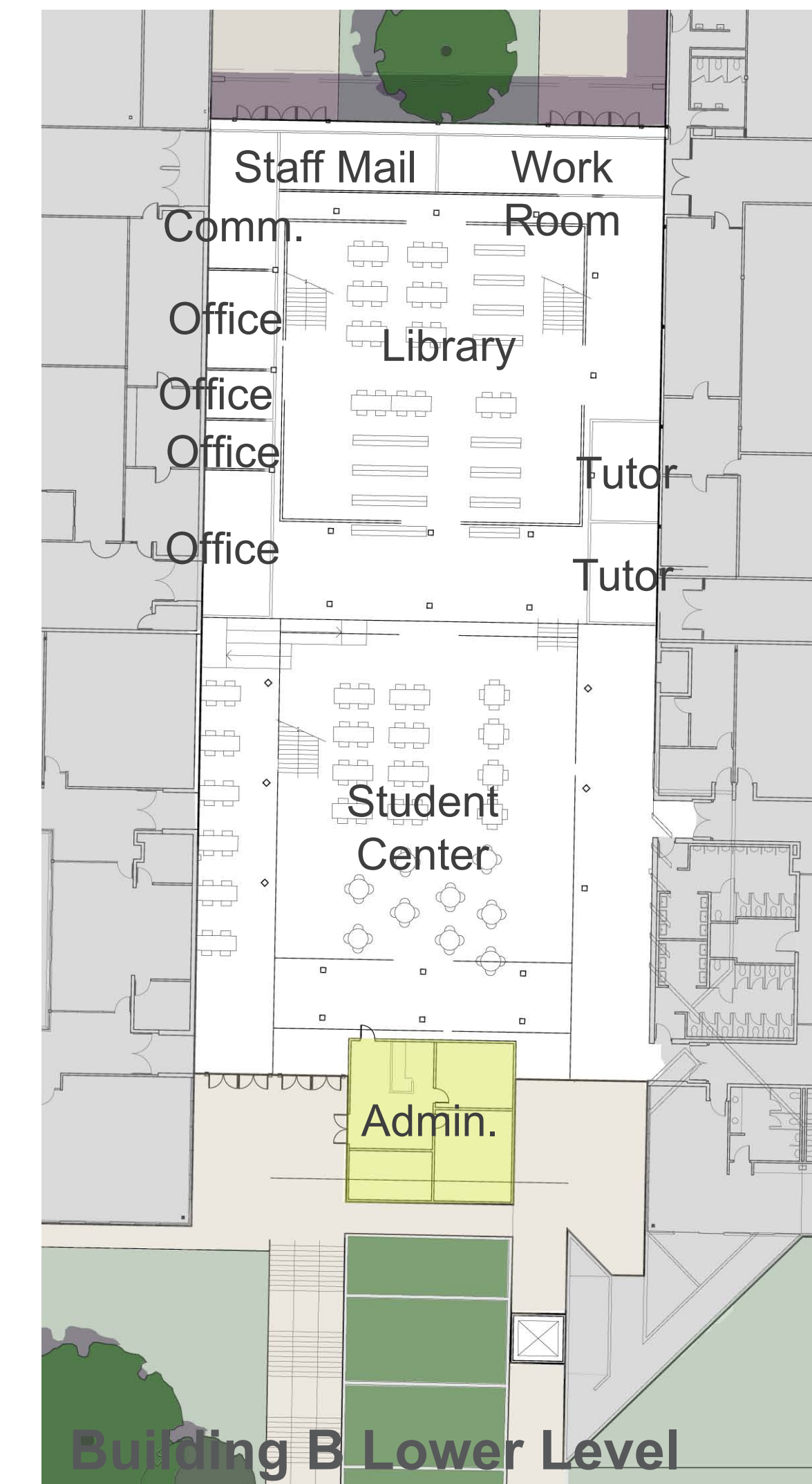
1. Way Finding Signage Plan
2. School Marque
3. Secondary Campus Drop-off at PAC



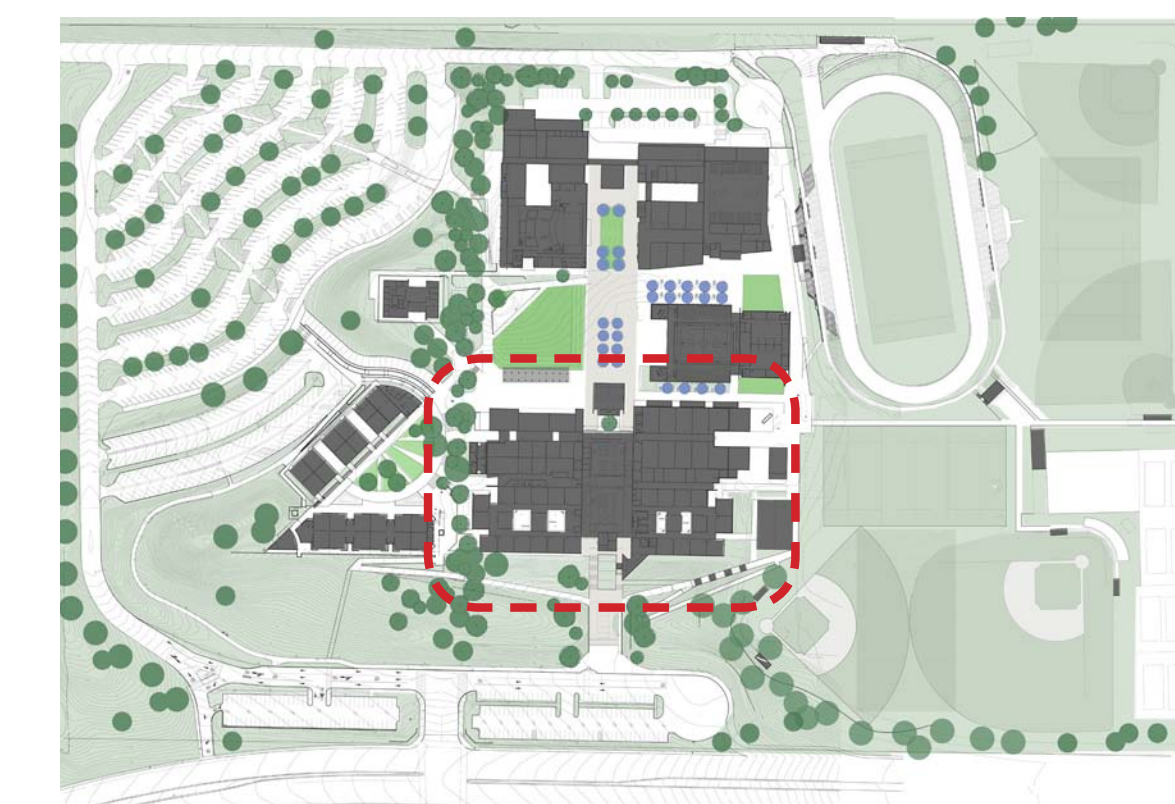
Site Plan

0 100 200

Building B



Building B Lower Level



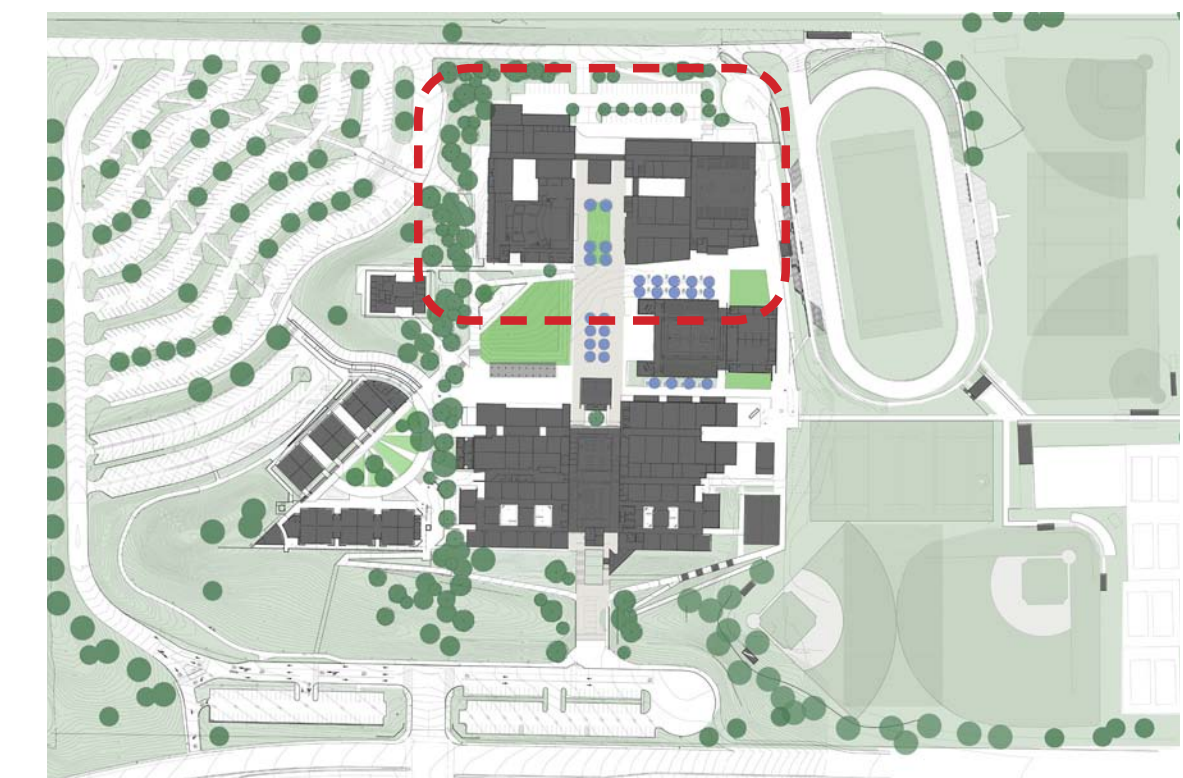
Key Map



B Building



North Campus



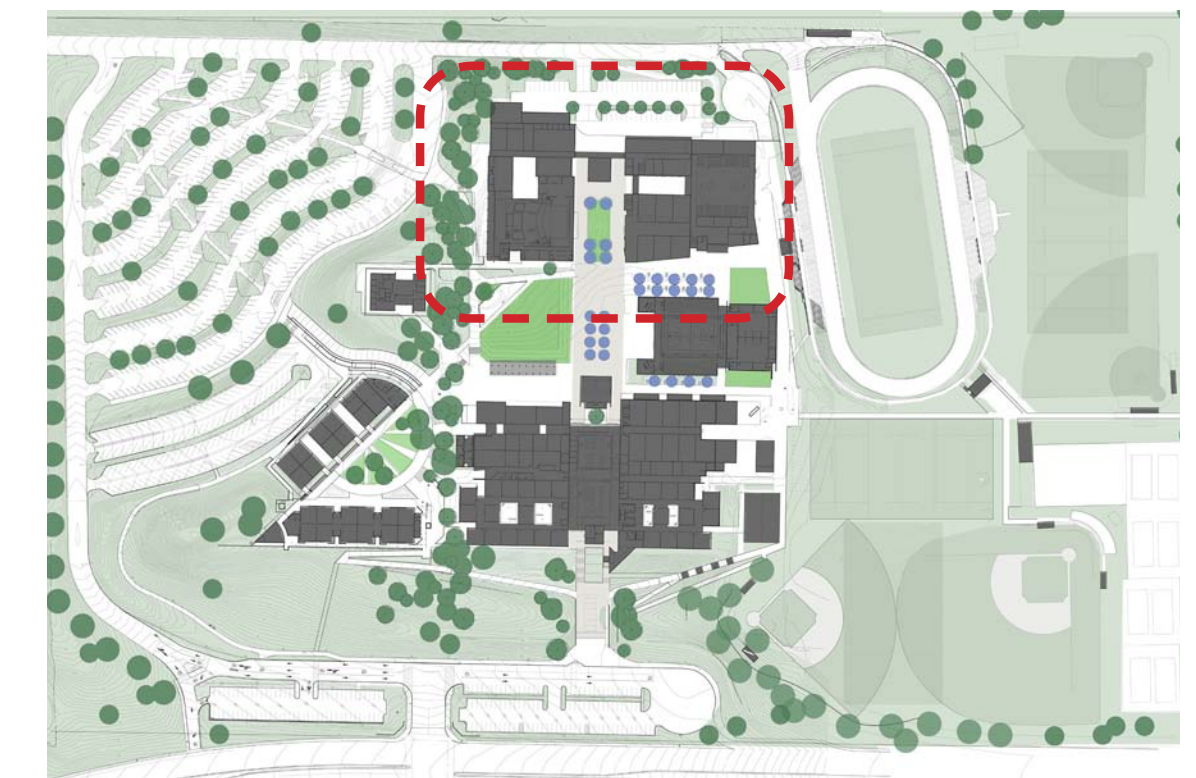
Key Map



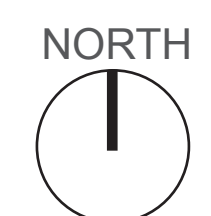
North Campus Ground Floor Plan

15 30

North Campus



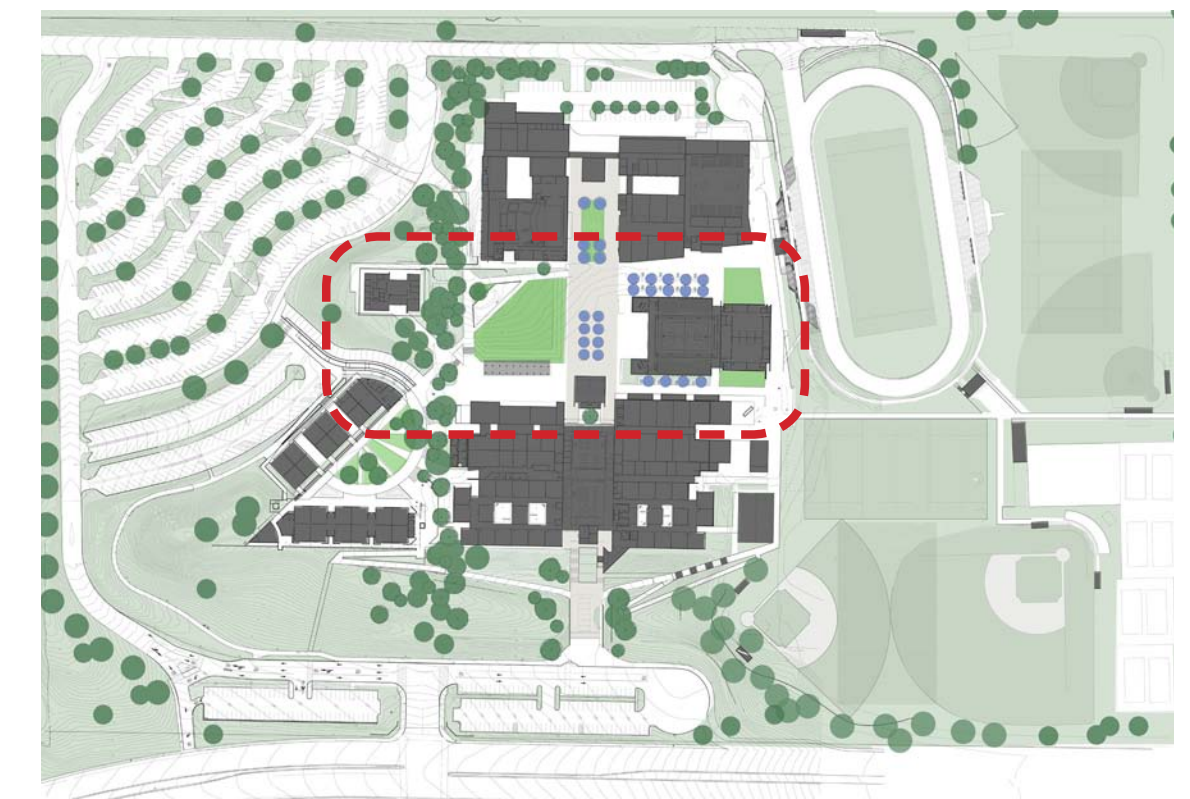
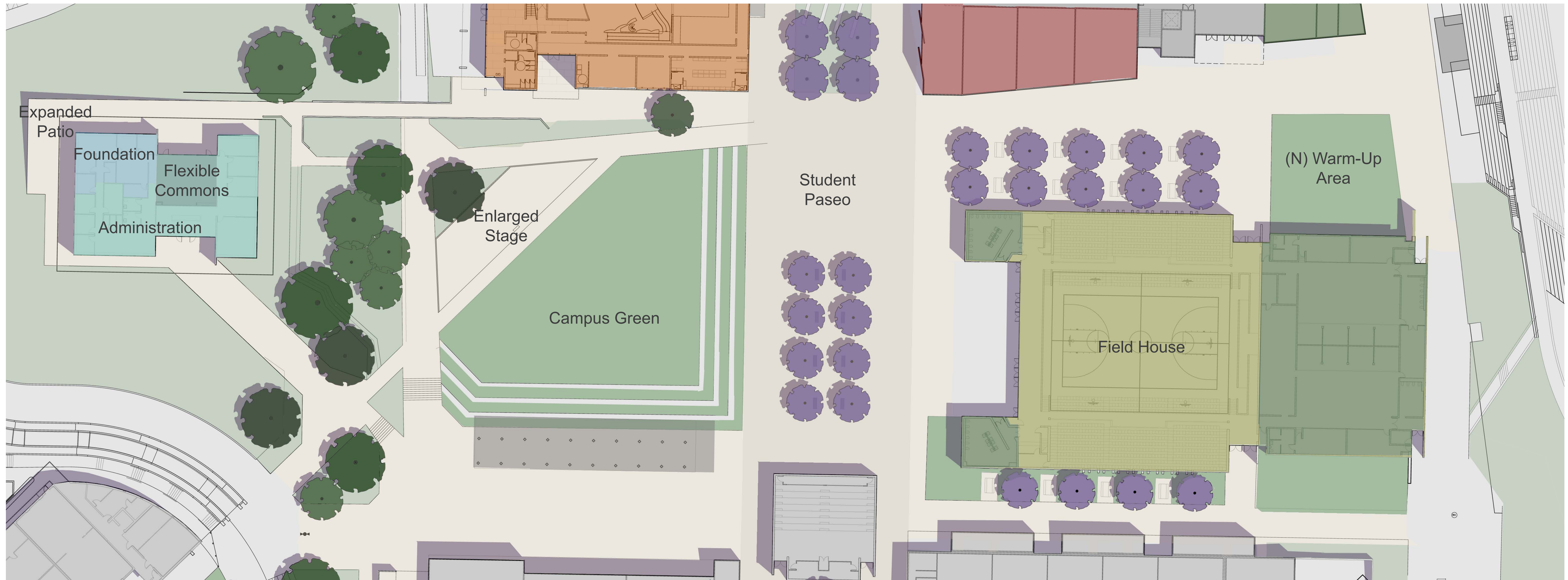
Key Map



North Campus Second Floor Plan

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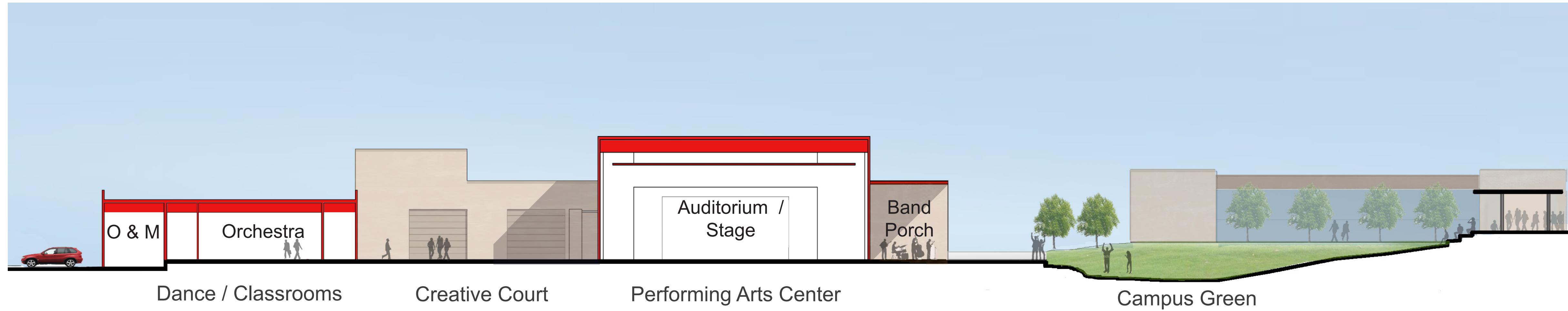
Administration & Field House



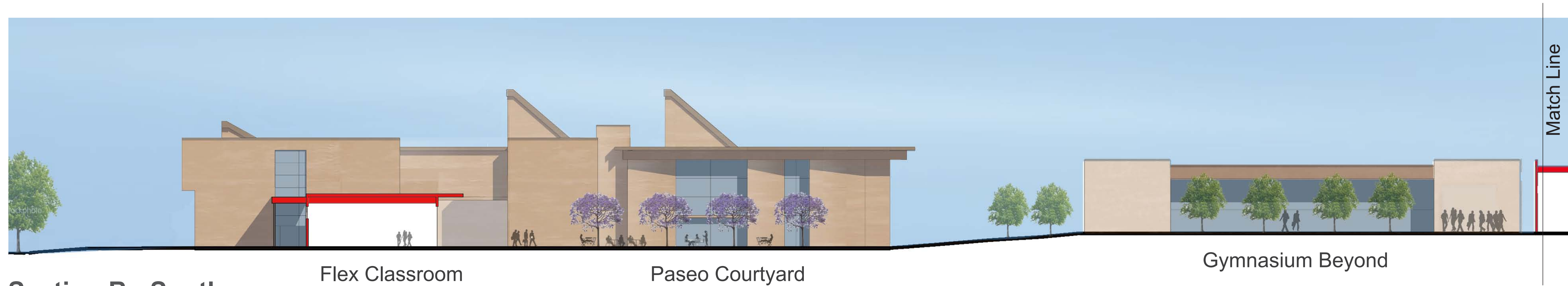
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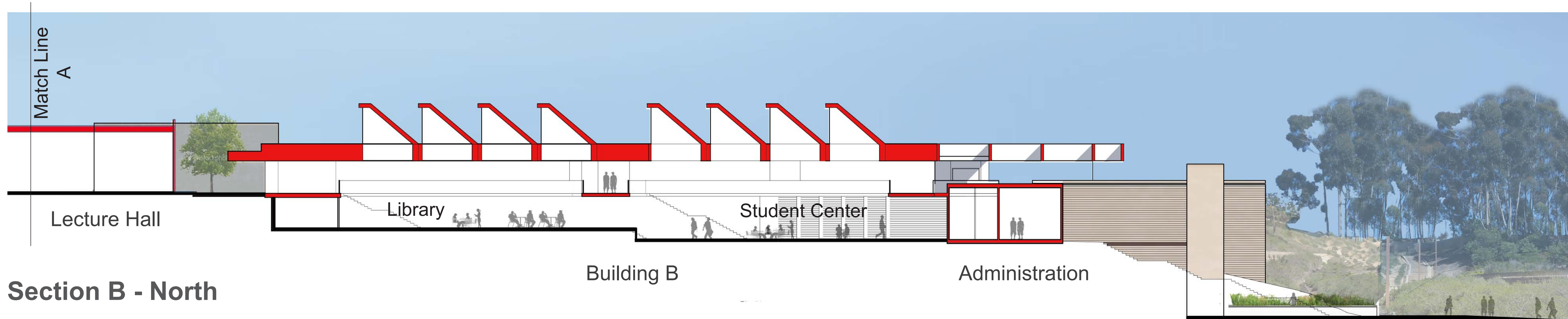
Site Sections



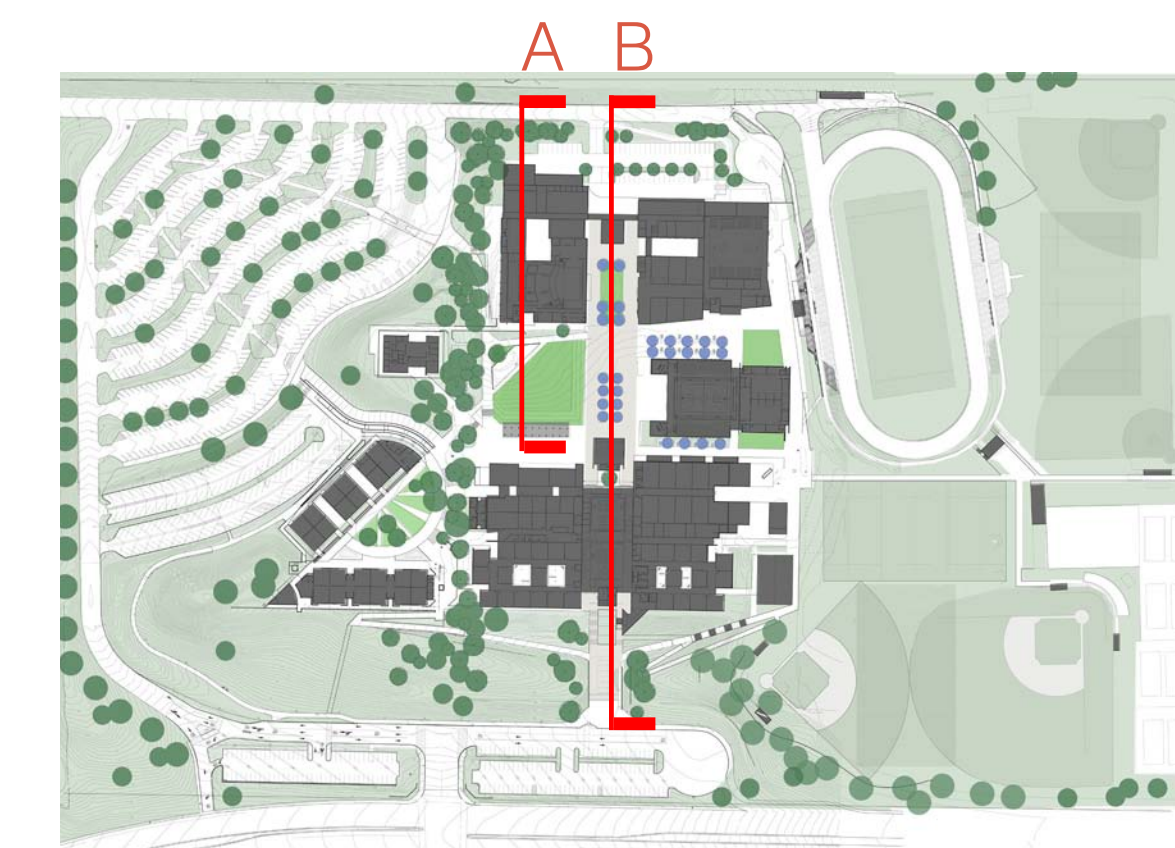
Section A



Section B - South



Section B - North



Key Map

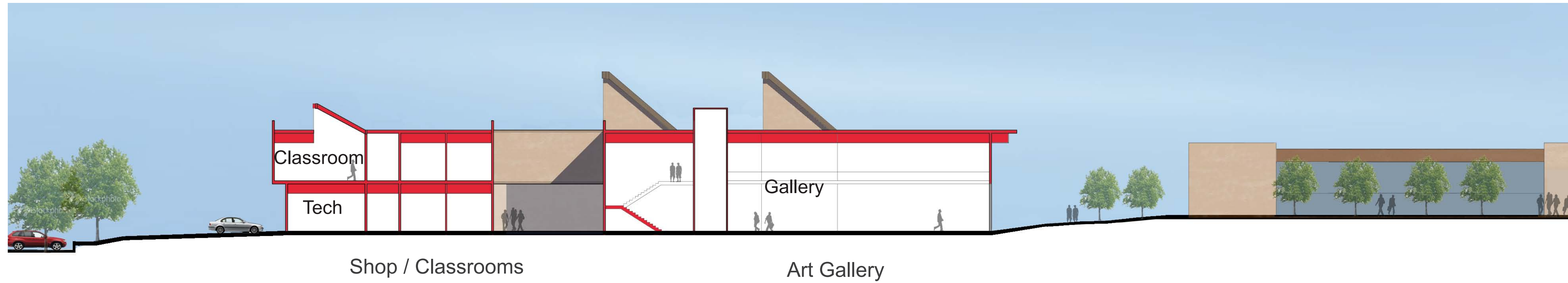
Front Entry



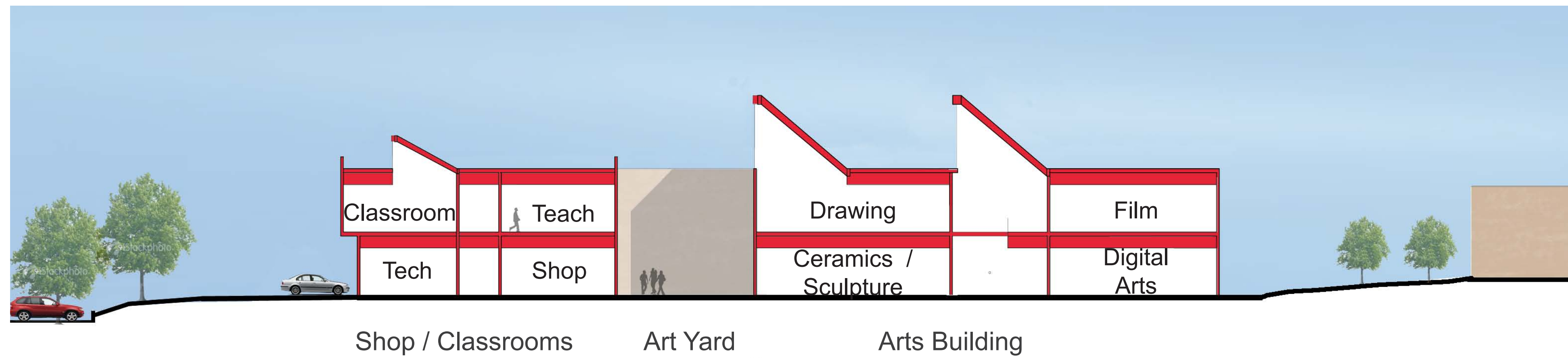
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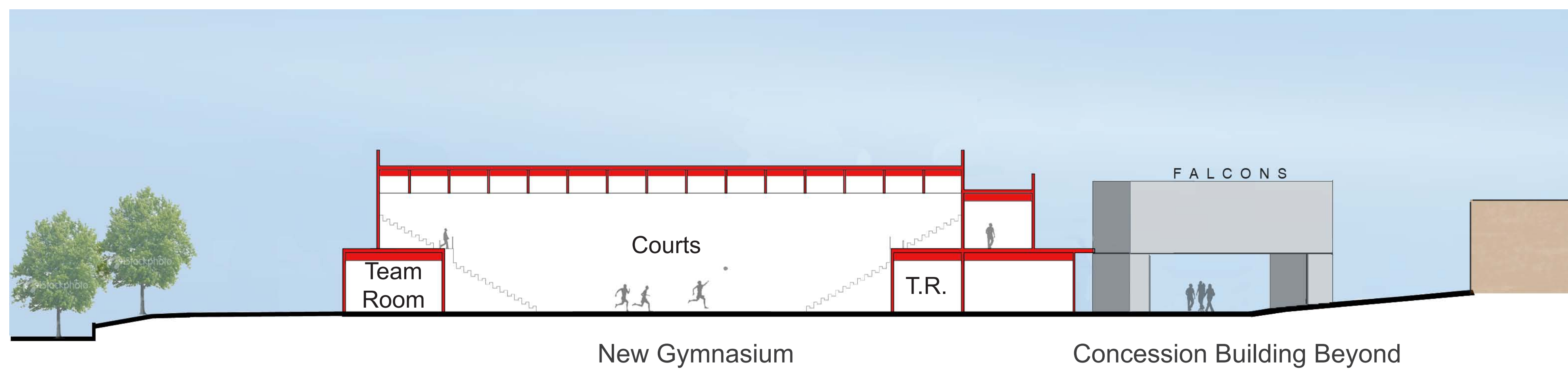
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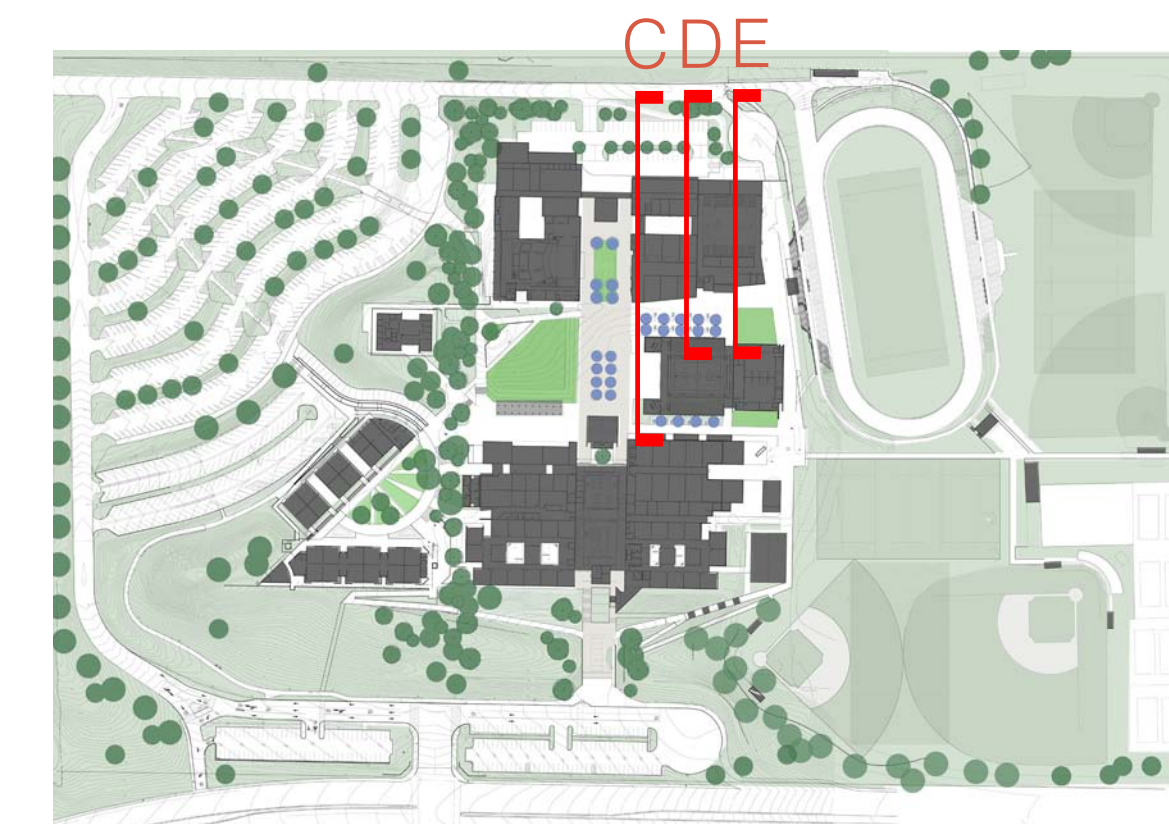
Section C



Section D



Section E



Key Map



Site Sections

