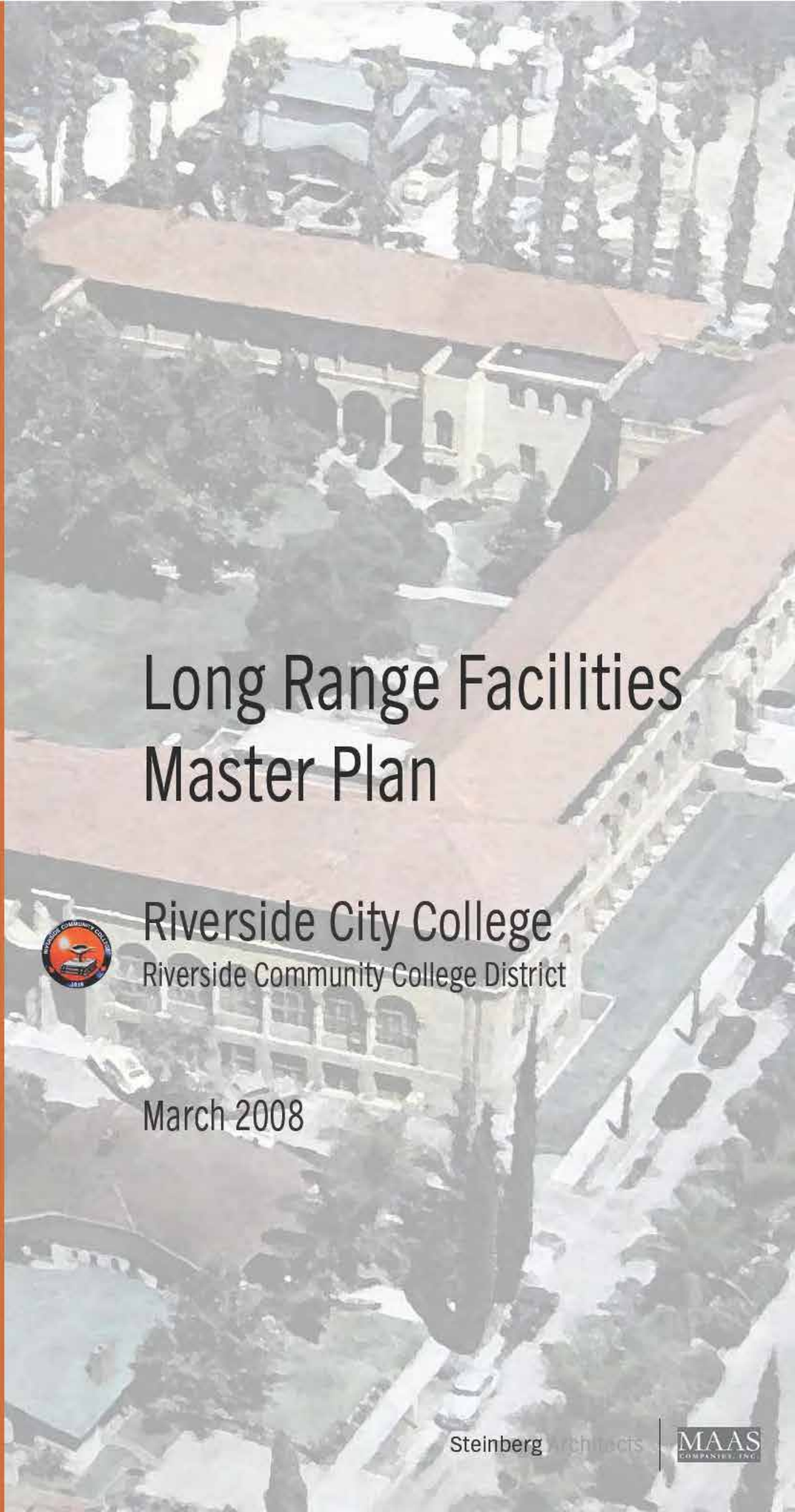
Volume 2

# Long Range Facilities Master Plan

## Riverside City College

Riverside Community College District

March 2008



Steinberg Architects | MAAS Companies, Inc.

# LONG RANGE EDUCATIONAL & FACILITIES MASTER PLAN

RIVERSIDE CITY COLLEGE

RIVERSIDE COMMUNITY COLLEGE DISTRICT

March 2008

Steinberg Architects | MAAS

# FINAL REPORT

## VOLUME 1 Education Plan

## VOLUME 2 Master Plan



MARCH 2008

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# 1
# EXECUTIVE SUMMARY

# OVERVIEW

The Master Plan for Riverside City College (RCC) creates a strong sequence of exterior and interior spaces that maintain a sense of place and identity for a highly regarded community institution. The plan highlights the campus' arroyo setting by celebrating the topography and developing building sites with respect to the environment. The facilities and landscape work to create a plan that reinforces the college's mission and will enable RCC to continue to be a destination for the community in the future and beyond.

Horizon 1 captures the vision and priorities for the campus as it reorganizes and grows. It includes a number of projects already underway at the college and implements future growth projects within the Conceptual Framework.

Horizon 2 was developed in response to the Master Planning Steering Committee's desire to see beyond the foreseen growth at the college. The issue of growth beyond projections surfaced during a number of the Master Planning Steering Committee workshops and Horizon 2 represents an idealized vision of the future campus within the Conceptual Framework.

While the drawings in the Master Plan appear specific, the forms are conceptual sketches which highlight the location and purpose of improvements. The final design of each site and facility project will take place as projects are funded and detailed programming occurs.

**Mission**

*Riverside City College empowers a diverse community of learners towards individual achievement, success and lifelong learning by providing comprehensive services and innovative educational opportunities.*

**Visioning**

- *Provide an equality of services throughout campus*
- *Create a variety of gathering spaces to promote a collegiate atmosphere*
- *Enhance and reinforce the identity of the institution to students, faculty staff and community*
- *Become a more environmentally conscious campus*

*Historic photo of the Quadrangle building*

*Courtyard at the Quadrangle building before renovation*

*Campus circulation on Terracina by Landis Auditorium*

# OVERVIEW

## PROCESS

In 2003 Riverside Community College District (RCCD) hired Steinberg Architects to prepare a Bond Master Plan to identify potential projects for the City Campus. Measure C passed successfully in March 2004, giving RCCD $350 million in funds to develop and execute those projects.

On the eve of transitioning from a one college - three campus district, to a three college district, RCCD hired Steinberg Architects with the Maas Companies to prepare a Long Range Educational and Facilities Master Plan for the City Campus. Maas Companies with SGPA and MDA/Johnson Favaro with Stratus were hired to prepare Long Range Plans for the Moreno Valley and Norco campuses, respectively.

The Riverside City College Long Range Master Plan consists of two portions - the Education Master Plan and the Facilities Master Plan. The two plans are developed in concert and integrated to provide an idea of where the campus is currently and where it could be in the future. This plan will help the campus plan for the future growth of students, programs and the spaces needed to accommodate them. While the drawings in the Master Plan appear specific, the forms are conceptual sketches, which highlight the location and purpose of improvements. The final design of each site and facility project will take place as projects are funded and detailed programming occurs. This document provides a foundation document for the College to use in addressing current projects and supporting capital fund requests.

The process for the Riverside City College Long Range Plan began in February of 2007. The collaborative process incorporated information from the Master Planning Steering Committee, individual interviews with faculty, staff and students as well as regular updates with the District and community.

The Master Plan Steering Committee workshops were held on the following dates:

- April 5, 2007
- April 24, 2007
- May 22, 2007
- June 26, 2007
- July 17, 2007
- August 14, 2007
- September 11, 2007
- October 30, 2007

The participants in the process included:

- RCC Faculty
- RCC Student Services / Classified Staff
- ASRCC - Associated Students
- RCC Campus Maintenance / Operations
- RCC Campus Police / Safety
- Wood Streets Association
- Riverside City Planning Department
- Riverside City Fire Department

District update meetings were held on the following dates:

- March 19, 2007
- May 7, 2007
- August 20, 2007
- November 19, 2007
- January 7, 2008

Please see the Acknowledgements section for a complete list of participants.

The ten month process was divided into the following four phases:

- Mobilization
- Reconnaissance & Analysis
- Option Development
- Final Documentation

The Mobilization and Reconnaissance & Analysis phases closed with the issuance of a Preliminary Report in June 2007. The Preliminary Report included:

- Educational Internal/External Scans
- Site/Building Analysis
- Landscape Analysis
- Signage Analysis

The Preliminary Report formed a basis for the subsequent phases and its contents are included in the Analysis portion of this document.

The Option Development phase synthesized the information gathered in prior phases into possible plans for the campus. A conceptual framework for future development was created and potential projects generated in concert with the framework. The workshops during this period addressed

# OVERVIEW

the priorities and locations of projects and organized them by horizon. With the horizons and projects developed on a conceptual level, guidelines for the campus were created and reviewed with the steering committee. These guidelines created a framework for the campus aesthetics with respect to the architecture, landscape and signage.

The Final Documentation phase concludes the master planning efforts and results in the creation of this document. The two volume document captures the master planning efforts and will serve as a living document as the campus continues to develop.

## ADDITIONAL RECOMMENDATIONS

While not part of this plan, it is recommended than an infrastructure master plan be completed for Horizon 1 and Horizon 2. An infrastructure master plan will address the campus-wide electrical and data/telecommunication issues that have been identified throughout this process as well as address the necessary improvements to water (domestic, fire, irrigation), sewer and storm drain. It will give the college the knowledge and understanding of what is required to improve the overall physical performance of the campus and define upgrades to existing buildings along with standards for new building which will allow the master plan vision to become a reality.

# 2
# CONTEXT

# SUMMARY

## CONTEXT / LOCATION & SETTING

As part of the Reconnaissance & Analysis phase of the master planning efforts, a thorough documentation of the campus was performed. The history, context and site photos document the existing conditions on campus and provide the basis for an analysis of the campus. The analysis informs the decisions made during the option development phase, addressing the difficulties and successes on campus.

## SITE / BUILDING ANALYSIS

What is currently known as Riverside City College began in 1916 amongst 14 rooms of Riverside Polytechnic High School. Riverside Polytechnic was located on the upper campus area of the current RCC campus. Throughout the years, the institution has grown from that handful of rooms to occupy 54 buildings comprising over 716,000 gross building square feet and 450,000 gross square feet of parking structure. The buildings range in age from 1 to 84 years old and are sited on approximately 118 acres. There are approximately 4,000 parking spaces and the campus serves just over 19,000 students. The campus has taken over 90 years to grow to its current size and its development has been shaped by the forces of the time and place occupied by the institution. These same energies will undoubtedly exert their influences again as the campus continues to grow in the future.

## LANDSCAPE ANALYSIS

Landscape analysis is part of this master planning effort as it connects buildings and spaces to one another on campus as well as to neighboring uses. The unique existing conditions of the Riverside City College campus are assessed in the Landscape Analysis portion and help support the Option Development phase. There are a variety of landscape diagrams organized into three main sections that document the landscape character, campus outdoor spaces and materials. Highlighted in this Preliminary Report are the following Landscape sections:

- Organizing Principal
- Identity
- Sustainability and Health

## SIGNAGE ANALYSIS

Signage analysis is part of this master planning effort as it is the way the campus communicates information and identity to its users. The Signage Analysis will serve, as the Site/Building and Landscape do, to form a basis for the Option Development phase of the Master Plan. The Signage Analysis is organized into three main sections:

- Identity / Signage
- Message / Legibility
- Construction / Materials
- Maintenance

These three assessments documenting the existing conditions and forces help create a picture of where the campus is currently. This, in turn, will inform the decisions in the upcoming Option Development phase to best make the connection between the campus that is and the campus that can be.

# CONTEXT / LOCATION & SETTING

The Context / Location & Setting documents some of the findings from the Reconnaissance & Analysis phase and began the process of mapping the existing conditions and forces on campus. The four categories used to study these conditions and forces are:

- History
- Campus Development
- Location & Setting
- Site Images

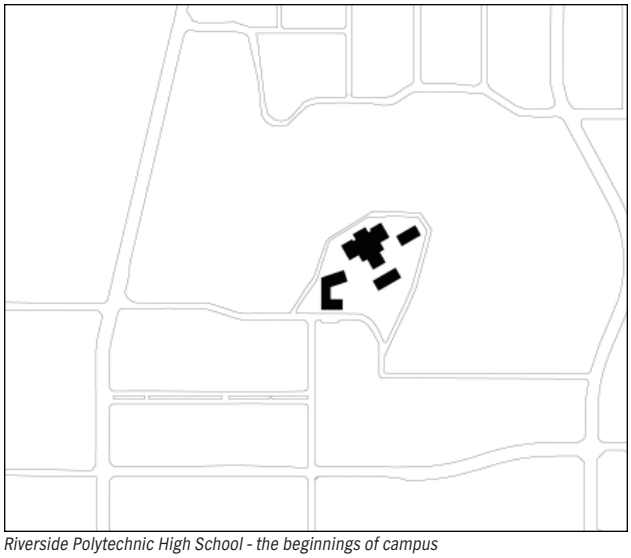
The History portion documents the major historical points in the development of the campus. These points are helpful to see the policy, people and programmatic developments of the college throughout the years and are directly related to the corresponding physical changes of the campus.

Campus Development looks at the physical change of the campus through its history. From its inception in a few rooms of a high school, what would become Riverside City College has gone through a dramatic physical growth over the last 91 years. The figure-ground diagrams illustrate the change of the campus.

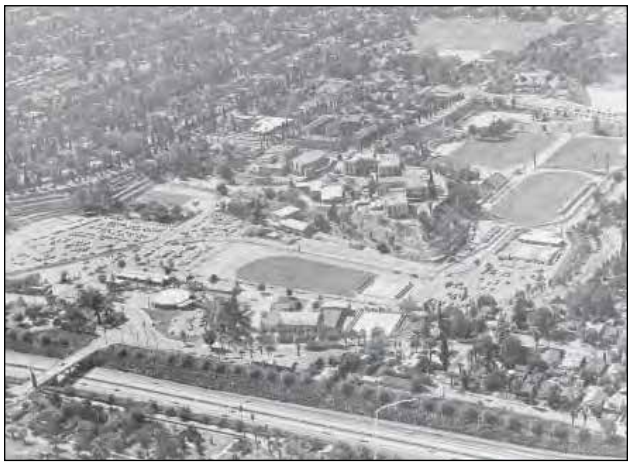
Location & Setting examines the campus in the context of the region and its immediate surroundings. As an institution for the community, Riverside City College is inextricably linked to its surroundings and mapping its geographic relationship to infrastructure, as well as city planning efforts, reinforce this link.

The Site Images section captures some of the panoramic views as well as key character aspects of the existing campus. Panorama views give a sense of the broader context on the campus and the individual site images highlight some character defining elements of the campus.

The Context / Location & Setting documentation provides the narrative for where the college has been and where it is today. This narrative is one part of a collection of pieces that form the foundation for how the campus will continue to develop in the future.



*Riverside Polytechnic High School - the beginnings of campus*



*Aerial view of the campus from over the 91 Freeway*

*Regional diagram of RCC and its location*

# HISTORY

| | |
|---|---|
| 1870 | The City of Riverside was founded |
| 1907 | The Thompson Act was approved, which allowed State Legislation to enable high school districts to offer post graduate course. |
| 1912 | Riverside Polytechnic High School was constructed. |
| 1916 | The Riverside Junior College Program began in 14 rooms at Riverside Polytechnic High School. |
| 1917 | The Ballard Act was approved, which allowed State Legislation to enable high school districts to set up junior college programs. The Alumni House was completed. |
| 1921 | The Hughes Act was passed, which allowed State Legislation to provided for the organization of junior college districts. |
| 1924 | The Library and Science Building (Quad) were constructed, which were the first educational buildings in Southern California to be built solely for junior college use. |
| 1928 | Arthur N. Wheelock resigned from his position as Superintendent after 30 years of service. He was succeeded by Ira C. Landis. |
| 1928 | Wheelock Gymnasium was completed. |
| 1932 | The first part of the A.G. Paul Quadrangle, designed by G. Stanley Wilson, was completed. Mr. & Mrs. Lovekin donated 2½ acres to RCC. |
| 1932-1942 | RCC was greatly affected by the Depression, ultimately resulting in a decrease in enrollment when WWII began. |
| 1946 | Due to the population increase of returning veterans, the basement under the Outdoor Stage was remodeled for classroom use. G. Stanley Wilson submitted a master plan for future growth to the board. |
| 1947 | The Maintenance & Operations Building and the Aeronautics building were completed. |
| 1949 | As a war memorial, a bell chime system was set up in the auditorium. |

*Riverside Polytechnic High School Applied Arts and Classics buildings, circa 1965*

*Riverside Junior College Library - part of the AG Paul Quadrangle*

*Members of Kappa Kappa Chi - students in RCC's nursing program, 1961*

# HISTORY

| | |
|---|---|
| 1950 | A.G. Paul stepped down as president. |
| 1951 | Ira C. Landis retired as Superintendent. An addition to the Quad was completed. |
| 1954 | Women's Gymnasium was completed. |
| 1955 | Landis Auditorium was completed. |
| 1956 | Herman O. Ruhnaue was hired and completed a comprehensive development plan. |
| 1958 | The Administration and Cosmetology Buildings were completed. |
| 1960 | The Donahoe Act (California Master Plan for Public Higher Education) was approved. It stated that the State Board of Education would prescribe minimum standards for the formation and operation of public junior colleges, which resulted in an increase in state funds and a greater degree of state control. |
| 1963-1964 | A separate board of trustees was established for the college district. |
| 1965 | Poly High School was moved to another location and RCC was expanded in its place. All remaining Poly buildings were demolished. |
| 1968 | The Wheelock Gym and Quad were remodeled while the Little Theater was leveled to make room for new facilities, including the Forum, two science buildings and a library. |
| 1969 | A "sensitivity workshop" was held at the Mission Inn to quell increased racial tensions fueled by minority group activism. |
| 1971 | A state act mandated the name change from junior college to "community college" |
| 1972 | President-Superintendent Ralph Bradshaw retired and was succeeded by Dr. Kenneth Harper. The Watson initiative was defeated and Prop 1 (state bond) was approved thus making $160 million available for community colleges, following several years of deficit. |
| 1974 | Kenneth Harper suddenly resigned and was succeeded by Foster Davidoff who had been the president at Crafton Hills College. |

*Physical and Life Science buidlings*

*Aguilar Patio at Bradshaw Student Center, circa 1976*

*Evening hairstyling class at the Cosmetology building, 1967*

# HISTORY

| | |
|---|---|
| 1976 | The Athletics Center and Campus Safety modulars were completed. |
| 1976-1978 | The Child Development Center, Business Education Building and Automotive Technology Building were completed. |
| 1978 | Dr. Charles Kane took the position of President/Superintendent after Davidoff's resignation in 1977. |
| 1978 | California passes Proposition 13. |
| 1980 | The Greenhouse was completed. |
| 1981 | State funding declined due to the recession while RCC reached its saturation point with 16,000 students. Dr. Kane commissioned two faculty members to write a 65-year history of the college. |
| 1988 | Governor Deukmajian signs AB 1725 into law. |
| 1989 | The Evans Sports Complex was completed. |
| 1991 | Salvatore Rotella took the position of district President when Dr. Kane's tenure ended. |
| 2001 | The Passport to College initiative was established, which raised money to guarantee that the 1996 fifth graders in the district's service area would have the ability to enroll at RCC. |
| 2002 | The Assessment/Placement building, Music Hall, and Pilates buildings were completed. |
| 2003 | The Digital Library and LRC building was completed. |
| 2005 | The positions of President and Superintendent were combined into the Chancellor position, serving the entire district. Subsequently, presidents were hired for each of the three campuses, Norco, Moreno Valley and RCC. |
| 2005-2006 | Daniel Castro served as president to the Riverside City Campus. |
| 2006 | Linda Lacy accepted the position of Interim President of RCC. An all-weather track and field complex was completed. |

*Martin Luther King, Jr. High Technology Center, 1977*

*Flooding of lower campus, Wheelock Gym in foreground, 1968*


*RCC Bengals football game, 1961*

# HISTORY

## ARTHUR N. WHEELOCK

- Superintendent of Riverside Public School System
- Supporter of the Establishment of Riverside Junior College

## G. STANLEY WILSON

- Prominent Local Architect
- Designed All Sections of the Quadrangle Until 1951
- Designed Most of Riverside's Schools and Mission Inn

## ARTHUR G. PAUL

- Principal-Director, Then President of Riverside Junior College 1920-1950
- Teacher of Economics and Political Sciences

## MR. AND MRS. A.C. LOVEKIN

- Long-Time Residents of Riverside
- May 1932 – Donated 2 ½ Acres of Land in the Tequesquite Arroyo (East Campus, Rimmed by Olivewood Avenue)
- Area Became Center of Cosmetology Program

## CATHERINE S. HUNTLEY

- Introduction of Badminton to West Coast Area
- Started in 1926 as Physical Education Faculty
- Developed Women's Athletic Association Program

## IRA C. LANDIS

- Principal in Riverside City School System
- Riverside County Superintendent of Schools
- Succeeded Arthur Wheelock as Superintendent of Riverside City Schools 1928-1951

## RALPH H. BRADSHAW

- English Faculty, 1946 / Dean of Men, 1950
- Superintendent/President, 1964-1972
- Developed Women's Athletic Association Program

## CHARLES A. KANE

- President, 1978 - 1991
- Moreno Valley and Norco Campuses
- Formation of the RCC Foundation

## SALVATORE ROTELLA

- RCCD President/Chancellor, 1991 - 2007
- Creation of Board of Trustee Committees
- Passport to College Initiative

*Arthur N. Wheelock*

*G. Stanley Wilson*

*Arthur G. Paul*

*Mr. & Mrs. A.C. Lovekin*

*Catherine S. Huntley*

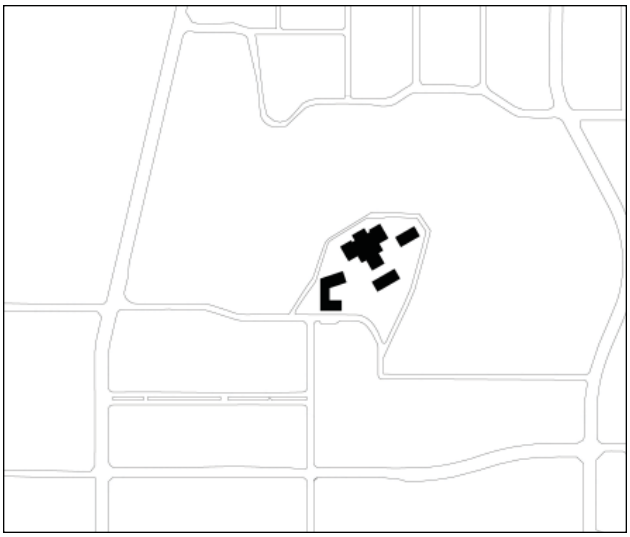
*Ira C. Landis*

*Ralph H. Bradshaw*

*Charles A. Kane*

*Salvatore Rotella*

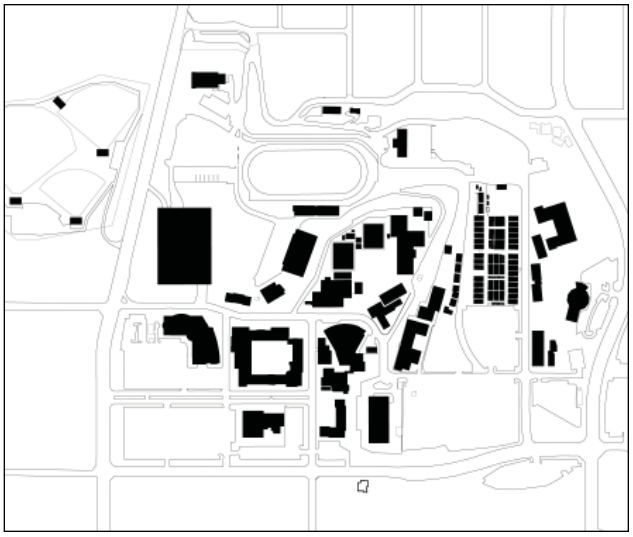
# CAMPUS DEVELOPMENT



*1912 - 1916*

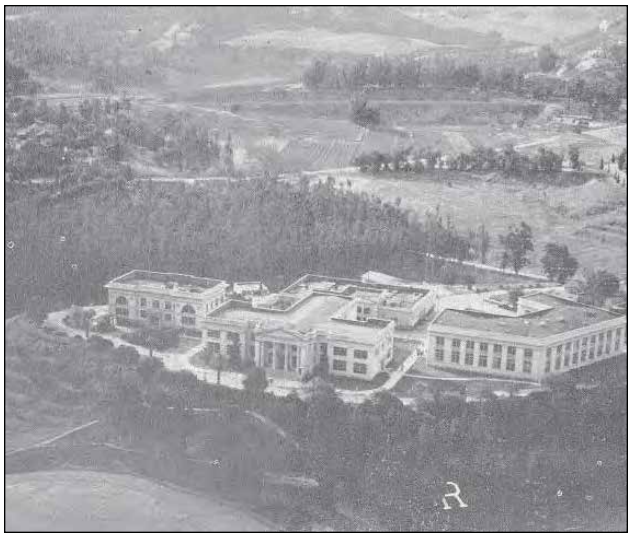
*1917 - 1940*

*1941 - 1960*



*1960 - Present*

# CAMPUS DEVELOPMENT



*1912 - 1916*

*1917 - 1940*

*1941 - 1960*

*Present*

# LOCATION & SETTING

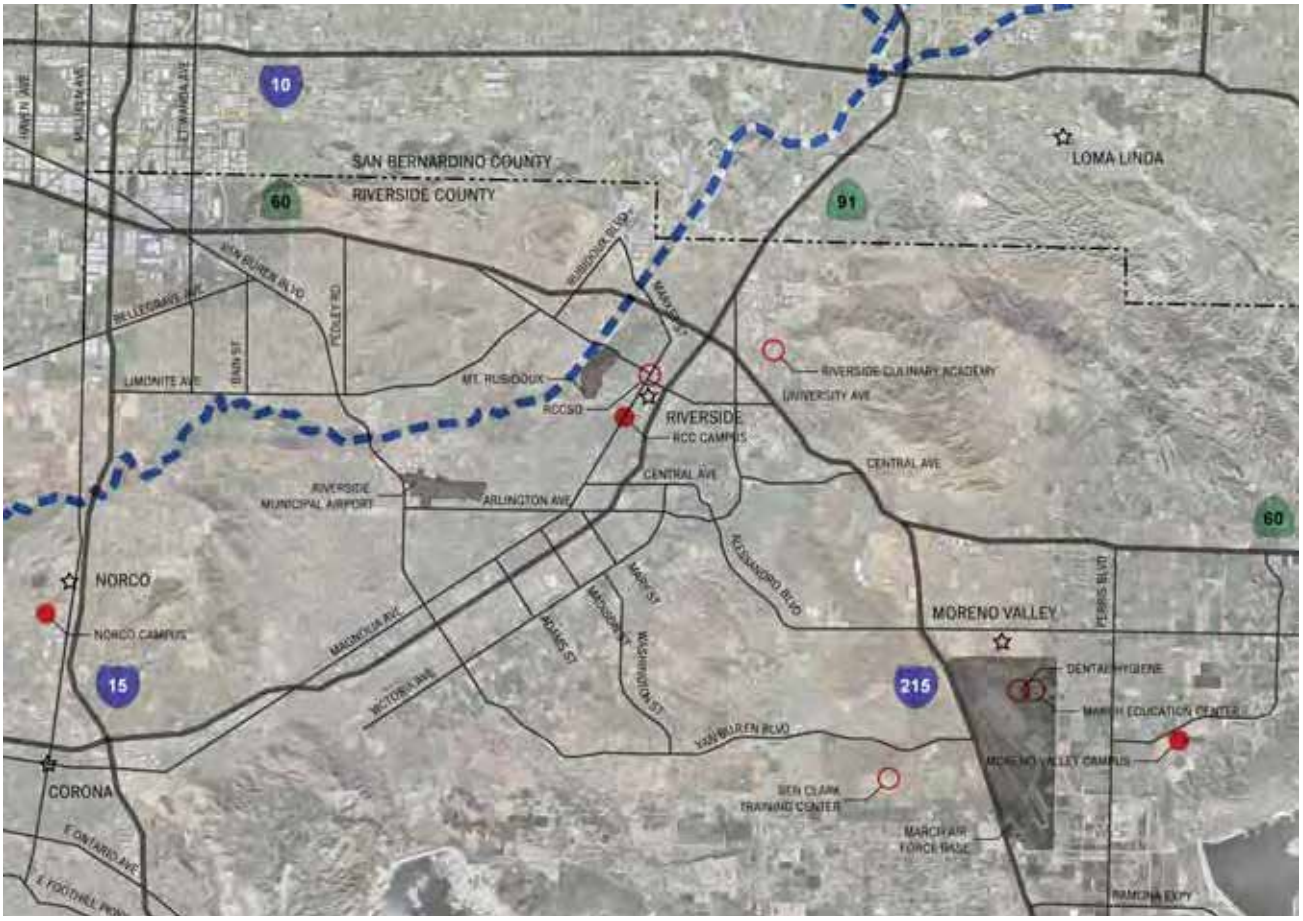



FIGURE 2-1. Regional map of municipalities, RCCD campuses and program sites.

## LEGEND

- ☆ CITY
- ● RCCD CAMPUS
- ○ RCCD PROGRAM SITE
- ▬ ▬ ▬ SANTA ANA RIVER


FIGURE 2-2. Area map of RCC campus and surroundings.

# LOCATION & SETTING

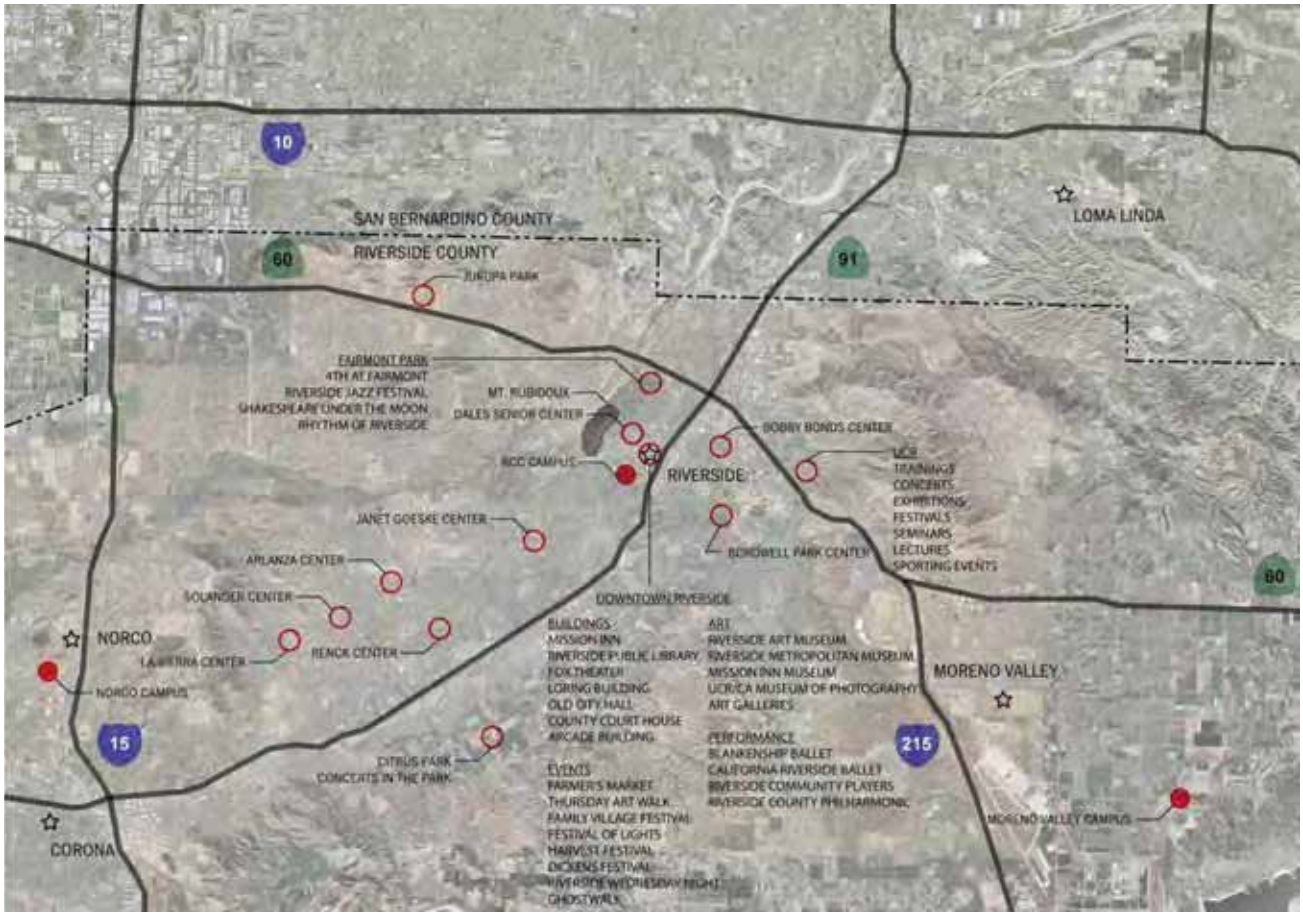



FIGURE 2-3. Regional map of Riverside parks and recreation facilities, destinations and activities.

## LEGEND

- ☆ CITY
- ● RCCD CAMPUS
- ○ RCCD PROGRAM SITE
- ▬ ▬ ▬ SANTA ANA RIVER

# LOCATION & SETTING

FIGURE 2-5. Adjacent Plans - Downtown Redevelopment and Magnolia Avenue Specific Plans

## LEGEND

DOWNTOWN REDEVELOPMENT AREA

MAGNOLIA AVENUE SPECIFIC PLAN

AMENDED MAGNOLIA AVENUE SPECIFIC PLAN PROPOSAL

FIGURE 2-4. Redevelopment and Specific Plans

# EXISTING BUILDINGS

| BLD # | BUILDING NAME | COMPLETED | # OF ROOMS | # OF STATIONS | TOTAL ASF | TOTAL GSF | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 1 | QUADRANGLE | 1923 | 164 | 1,735 | 42,932 | 81,246 | 52.8% |
| 2 | STADIUM | 1928 | 21 | | 6,649 | 8,910 | 74.6% |
| 3 | WHEELOCK GYM | 1928 | 26 | 1,506 | 26,420 | 33,105 | 79.8% |
| 4 | MAINTENANCE SHOP | 1932 | 18 | 9 | 6,068 | 7,500 | 80.9% |
| 5 | MAINTENANCE PT SHOP | 1932 | 4 | | 1,621 | 1,770 | 91.6% |
| 6 | TECHNOLOGY A | 1933 | 35 | 297 | 13,999 | 16,830 | 83.2% |
| 7 | TECHNOLOGY B | 1938 | 32 | 141 | 14,377 | 20,562 | 69.9% |
| 9 | SAFETY/SECURITY C | 1948 | 6 | 4 | 550 | 864 | 63.7% |
| 10 | ADMISSIONS COUNSEL | 1949 | 27 | 36 | 4,416 | 7,554 | 58.5% |
| 11 | DATA PROCESSING | 1949 | 19 | 23 | 4,411 | 7,100 | 62.1% |
| 12 | LANDIS AUDITORIUM | 1952 | 23 | 1,407 | 20,379 | 30,003 | 67.9% |
| 13 | MUSIC BUILDING | 1952 | 19 | 122 | 6,139 | 9,553 | 64.3% |
| 14 | ART BUILDING | 1953 | 11 | 87 | 5,948 | 7,953 | 74.8% |
| 15 | HUNTLEY GYM | 1953 | 27 | 50 | 17,763 | 22,203 | 84.5% |
| 16 | MAIN WAREHOUSE | 1953 | 4 | | 3,090 | 6,800 | 45.4% |
| 17 | ADMINISTRATION | 1958 | 33 | 283 | 12,899 | 19,069 | 67.6% |
| 18 | COSMETOLOGY | 1958 | 17 | 187 | 9,492 | 12,897 | 73.6% |
| 19 | CUTTER POOL | 1958 | 10 | 2 | 3,285 | 6,597 | 49.8% |
| 20 | LIFE SCIENCE | 1967 | 53 | 514 | 17,239 | 28,642 | 60.2% |
| 21 | MLK HIGH TECH CENTER | 1968 | 47 | 752 | 25,428 | 41,507 | 61.3% |
| 22 | PHYSICAL SCIENCE | 1968 | 54 | 568 | 20,291 | 26,335 | 77.0% |
| 23 | PLANETARIUM | 1968 | 4 | 64 | 1,271 | 1,763 | 72.1% |
| 24 | STUDENT CENTER (BRADSHAW) | 1968 | 50 | 568 | 26,358 | 38,803 | 67.9% |
| 25 | WAREHOUSE ANNEX B | 1970 | 2 | 1 | 2,863 | 3,100 | 92.4% |
| 26 | CERAMICS SCULPTURE | 1973 | 8 | 42 | 5,248 | 8,717 | 60.2% |
| 27 | ATHLETICS CENTER | 1976 | 3 | 3 | 789 | 902 | 87.5% |
| 28 | CAMPUS POLICE/SAFETY | 1976 | 3 | 5 | 845 | 902 | 93.7% |
| 29 | PORTABLE 3 | 1976 | 3 | 23 | 1,092 | 1,112 | 98.2% |
| 30 | AUTO TECHNOLOGY | 1976 | 28 | 179 | 18,649 | 20,812 | 89.6% |
| 31 | EARLY CHILDHOOD STUDIES | 1976 | 13 | 64 | 6,042 | 13,729 | 44.0% |
| 32 | BUSINESS EDUCATION | 1977 | 38 | 458 | 16,176 | 22,100 | 73.2% |
| 33 | GREENHOUSE | 1980 | 1 | | 108 | 119 | 90.8% |
| 34 | ASSESSMENT/PLACEMENT | 2002 | 8 | 15 | 2,184 | 2,400 | 91.0% |
| 35 | MUSIC HALL | 2002 | 17 | 120 | 4,620 | 5,952 | 77.6% |
| 36 | PILATES | 2002 | 10 | 50 | 3,669 | 4,308 | 85.2% |
| 37 | DIGITAL LIBRARY (DL/LRC) | 2003 | 105 | 1,316 | 73,066 | 108,234 | 67.5% |
| 38 | PORTABLE 5 | 2000 | 4 | 18 | 757 | 960 | 78.9% |
| 39 | LOVEKIN PORTABLE COMPLEX | 2004 | 49 | | 46,905 | 79,920 | 94.0% |
| 40 | STUDENT FINANCIAL SERVICES | 2004 | 3 | 4 | 423 | 480 | 88.1% |
| 41 | STORAGE BUILDING | 1968 | 2 | | 971 | 1,050 | 92.5% |
| 42 | STUDENT GOVERNMENT CENTER | 2004 | 6 | 14 | 1,152 | 1,400 | 82.3% |

# EXISTING SITE PLAN

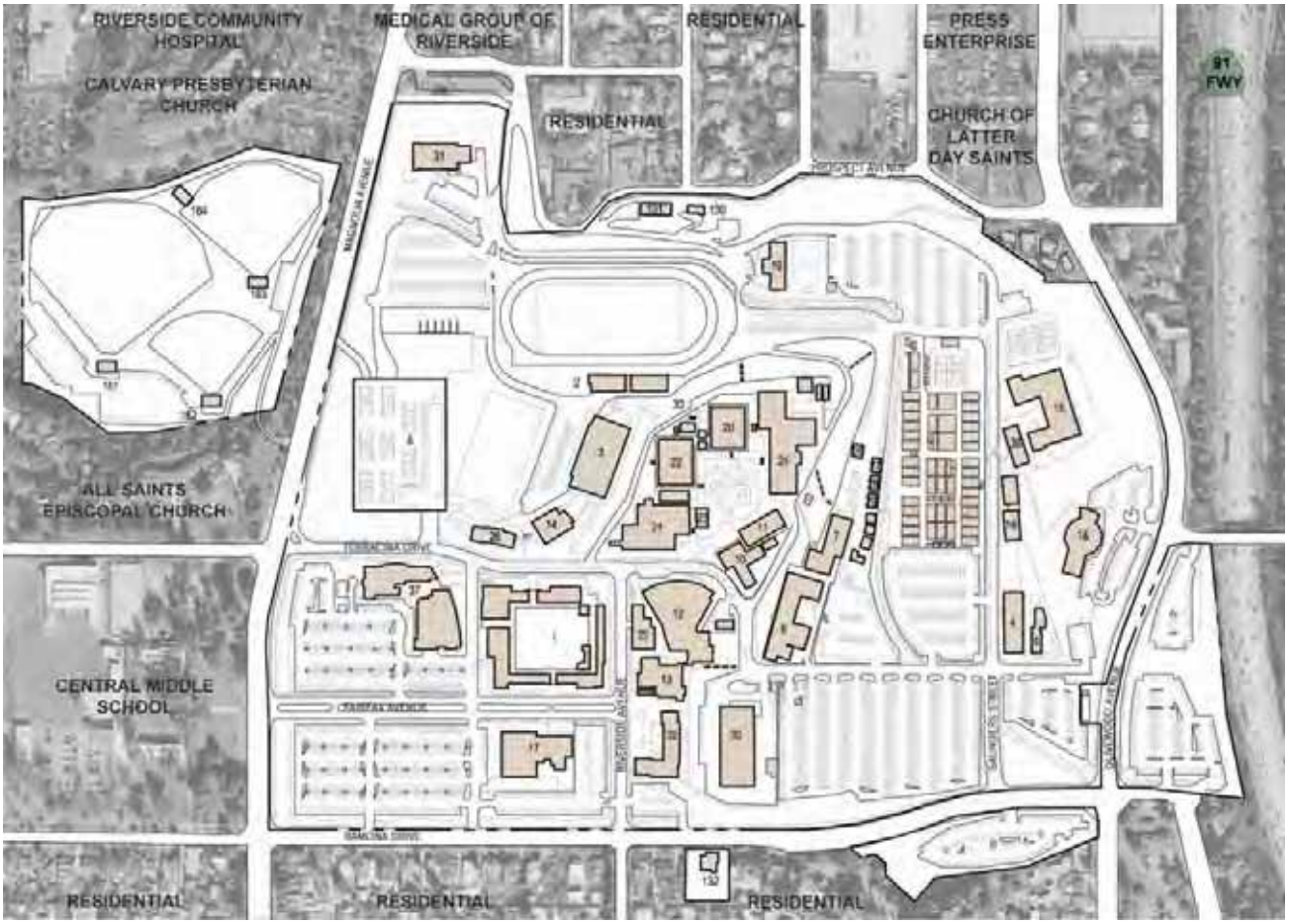
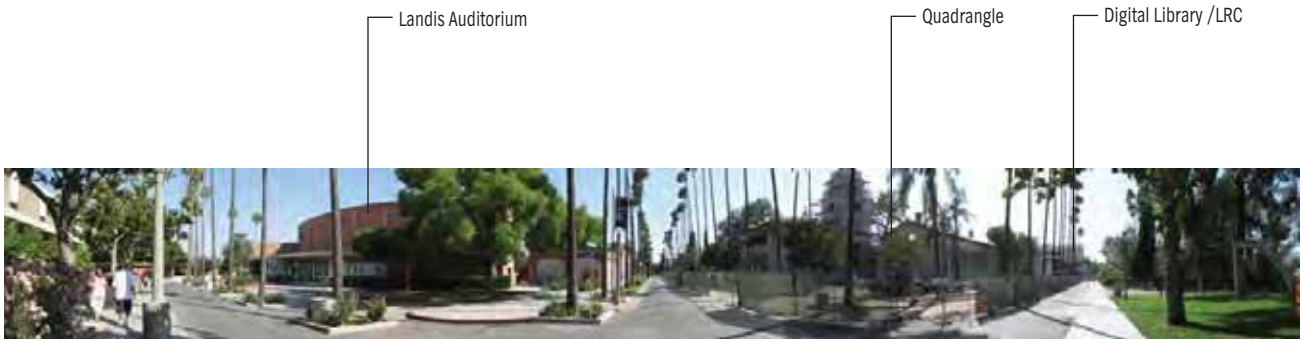



FIGURE 2-6. Existing Site Plan - Existing campus buildings and neighboring uses

| BLD # | BUILDING NAME | COMPLETED | # OF ROOMS | # OF STATIONS | TOTAL ASF | TOTAL GSF | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 43 | GROUNDS EQUIPMENT | 1988 | 5 | 1 | 1,708 | 2,000 | 85.4% |
| 44 | GROUNDS GREENHOUSE | 1949 | 2 | | 735 | 800 | 91.9% |
| 45 | ECS PORTABLE | 2001 | 2 | 2 | 339 | 450 | 75.3% |
| 46 | OUTREACH | 2001 | 1 | 6 | 900 | 960 | 93.8% |
| 47 | PORTABLE 6 | 2002 | 1 | 8 | 900 | 960 | 93.8% |
| 48 | PARKING STRUCTURE | 2006 | 6 | 2 | 772 | 450,000 | 0.2% |
| 132 | ALUMNI HOUSE | 1917 | 20 | 8 | 2,474 | 3,882 | 63.7% |
| 161 | EVANS SPORTS CMPLX A | 1989 | 4 | | 553 | 1,200 | 46.1% |
| 162 | EVANS SPORTS CMPLX B | 1989 | 5 | | 424 | 958 | 44.3% |
| 163 | EVANS SPORTS CMPLX C | 1989 | 5 | | 424 | 958 | 44.3% |
| 164 | EVANS SPORTS CMPLX D | 1989 | 2 | | 542 | 609 | 89.0% |
| 165 | RUBIDOUX ANNEX COMPLEX | 2005 | 10 | 382 | 9,000 | 9,600 | 93.8% |
| 166 | MARCH EDUCATIONAL CENTER | 1988 | 22 | 195 | 7,028 | 10,040 | 70.0% |
| **54** | **BUILDINGS ON CAMPUS** | | **1,072** | **11,301** | **504,117** | **1,166,180** | **43.2%** |

0' 250' 500'

# SITE IMAGES




*View from Terracina Drive and Riverside Avenue*

*View towards arroyo from Admissions / Counseling*

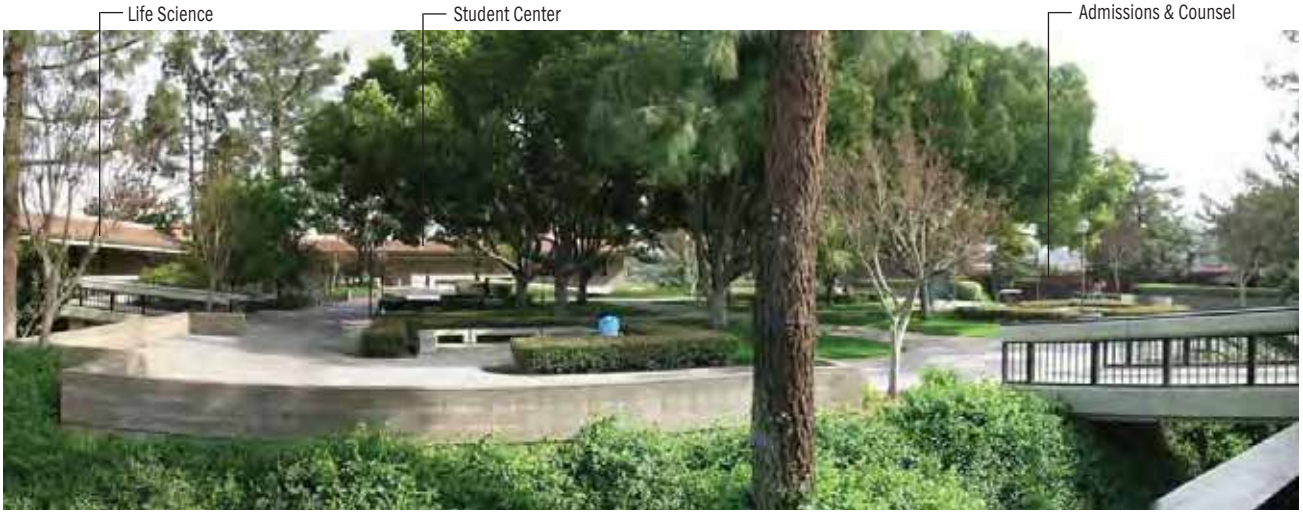

*View towards arroyo from Terracina Drive at Ceramics Buildings*


*View from Magnolia Avenue towards Quadrangle*

# SITE IMAGES


*Athletic fields and Wheelock Gymnasium on the lower campus*


*Main entry to the lower campus at Saunders Street*




*Upper campus green space*

# SITE IMAGES

*Main thoroughfare on Terracina by Quadrangle*

*Campus circulation on Terracina by Landis Auditorium*

*Site topography requires a variety of building approaches to negotiate grade changes*

*Site ramps and elevators in an effort to make the campus more accessible*

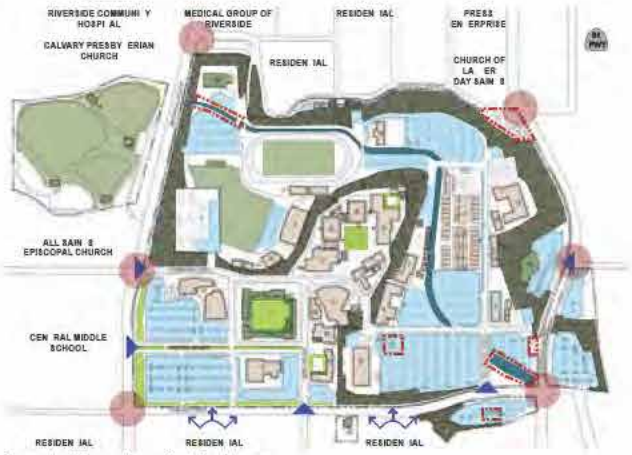
*Site stair access from various parts of campus*

*Drainage channel through campus is part of a regional watershed system*

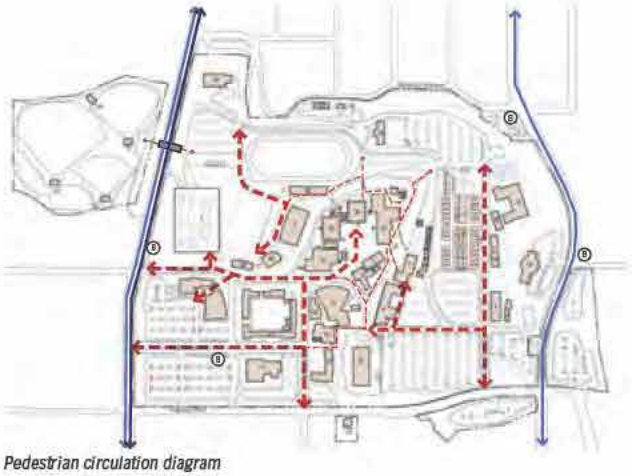
# SITE / BUILDING ANALYSIS

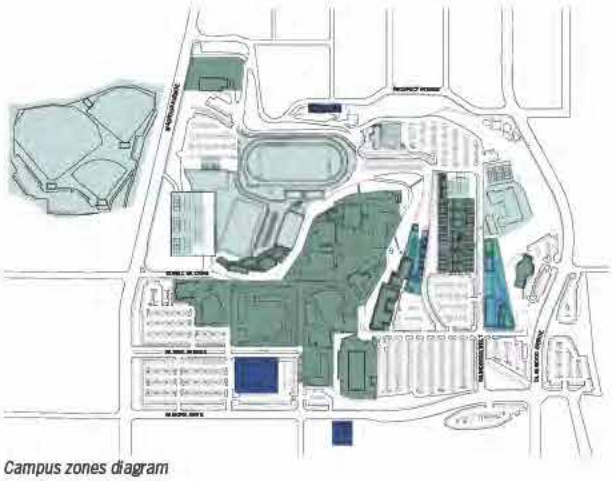
During the Reconnaissance & Analysis phase, key conditions are diagramed and documented for future use. Illustrating the existing forces on campus like topography, various types of circulation, parking, existing buildings or even their materials/styles can inform decisions on building placement, scale, and density in the Option Development phase of the Master Plan. Highlighted in this Preliminary Report are the following Site/Building diagrams:

- Opportunities / Constraints - a composite view of existing conditions and campus issues
- Zones - four main categories of use and their locations on campus
- Vehicular Circulation - public automobile and campus service vehicle circulation on campus
- Emergency Access - emergency vehicle circulation on campus
- Parking - parking locations for student and staff use
- Pedestrian Circulation - primary and secondary circulation paths of pedestrians on campus



*Opportunities and constraints diagram*


*Pedestrian circulation diagram*


*Campus zones diagram*

# OPPORTUNITIES / CONSTRAINTS

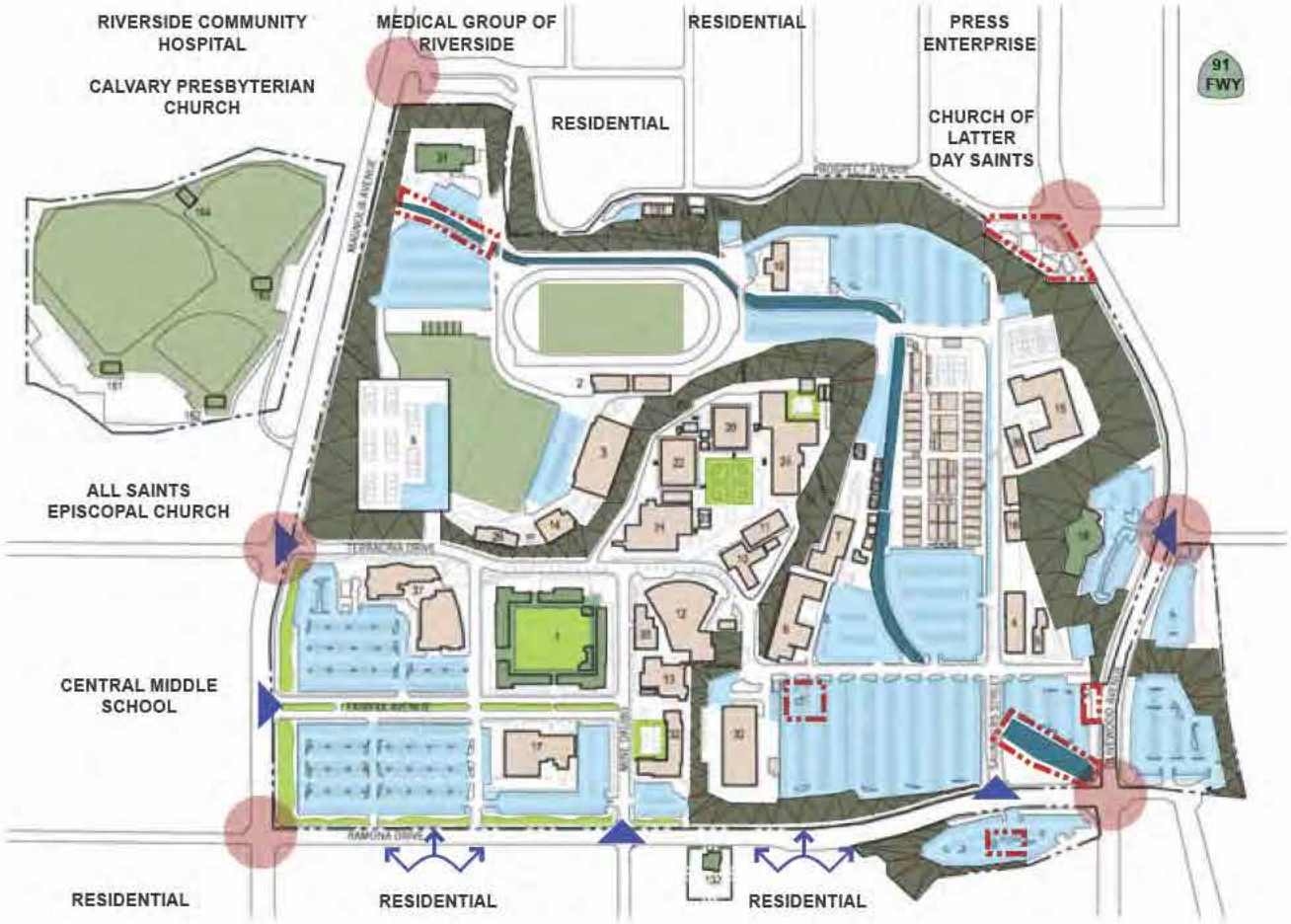



FIGURE 2-7. Opportunities and Constraints - Various influences on campus

## LEGEND

- SLOPE
- CHANNEL
- KEY INTERSECTIONS
- POINTS OF ENTRY
- PARKING
- PUBLIC INTERFACE
- GREEN SPACE / GREEN EDGES
- ATHLETIC FIELDS
- OTHER JURISDICTIONS
- VIEW

0' 250' 500'

## BUILDING LEGEND

| | | | |
|---|---|---|---|
| 1 | QUADRANGLE | 22 | PHYSICAL SCIENCE |
| 2 | STADIUM | 23 | PLANETARIUM |
| 3 | WHEELOCK | 24 | STUDENT CENTER |
| 4 | MAINTENANCE SHOP | 26 | CERAMICS SCULPTURE |
| 5 | MAINTENANCE PT SHOP | 27 | ATHLETICS CENTER |
| 6 | TECHNOLOGY A | 28 | CAMPUS POLICE/SAFETY |
| 7 | TECHNOLOGY B | 29 | PORTABLE 3 |
| 10 | ADMISSIONS/COUNSEL | 30 | AUTO TECHNOLOGY |
| 11 | DATA PROCESSING | 31 | CHILD DEVELOPMENT |
| 12 | LANDIS AUDITORIUM | 32 | BUSINESS EDUCATION |
| 13 | MUSIC BUILDING | 33 | GREENHOUSE |
| 14 | ART | 34 | ASSESSMENT |
| 15 | HUNTLEY GYM | 35 | MUSIC HALL |
| 16 | MAIN WAREHOUSE | 36 | PILATES |
| 17 | ADMINISTRATION | 37 | DIGITAL LIBRARY |
| 18 | COSMETOLOGY | 130 | COLLEGE HOUSE |
| 19 | CUTTER POOL | 131 | NORTH HALL |
| 20 | LIFE SCIENCE | 132 | ALUMNI HOUSE |
| 21 | MLK HIGH TECH CENTER | 161 | EVANS SPORTS BUILDINGS |

# CAMPUS WALKING RADIUS

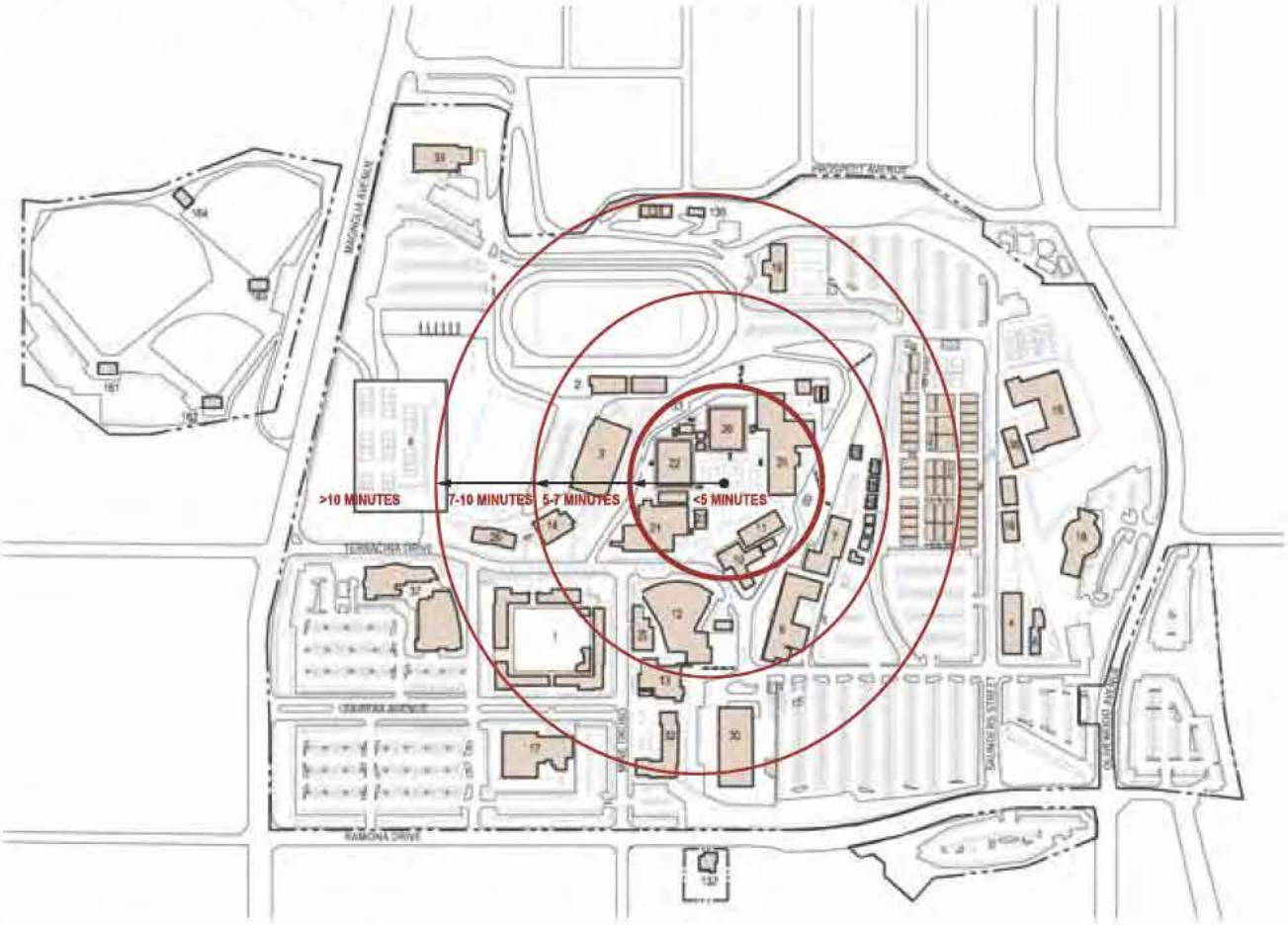



FIGURE 2-8. Approximate campus walking radius diagram

## BUILDING LEGEND

| | | | |
|---|---|---|---|
| 1 | QUADRANGLE | 22 | PHYSICAL SCIENCE |
| 2 | STADIUM | 23 | PLANETARIUM |
| 3 | WHEELOCK | 24 | STUDENT CENTER |
| 4 | MAINTENANCE SHOP | 26 | CERAMICS SCULPTURE |
| 5 | MAINTENANCE PT SHOP | 27 | ATHLETICS CENTER |
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| 7 | TECHNOLOGY B | 29 | PORTABLE 3 |
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| 16 | MAIN WAREHOUSE | 36 | PILATES |
| 17 | ADMINISTRATION | 37 | DIGITAL LIBRARY |
| 18 | COSMETOLOGY | 130 | COLLEGE HOUSE |
| 19 | CUTTER POOL | 131 | NORTH HALL |
| 20 | LIFE SCIENCE | 132 | ALUMNI HOUSE |
| 21 | MLK HIGH TECH CENTER | 161 | EVANS SPORTS BUILDINGS |

0' 250' 500'

# ZONES

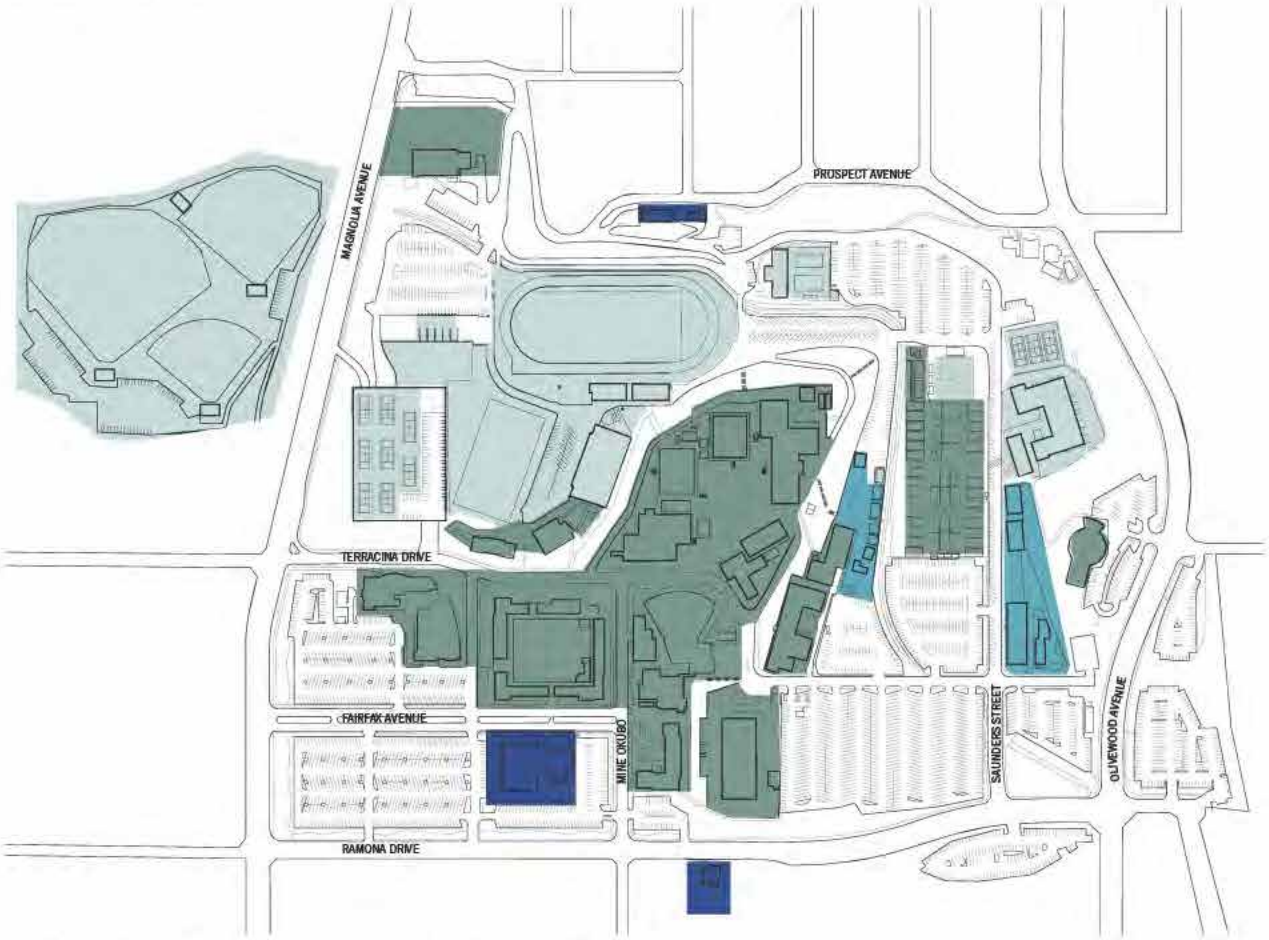


FIGURE 2-9. Zones - Main categories of use and their location on campus

## LEGEND

- ACADEMIC / STUDENT SERVICES
- ADMINISTRATION
- MAINTENANCE / OPERATIONS
- PE / ATHLETICS

0' 250' 500'

## BUILDING LEGEND

| | | | |
|---|---|---|---|
| 1 | QUADRANGLE | 22 | PHYSICAL SCIENCE |
| 2 | STADIUM | 23 | PLANETARIUM |
| 3 | WHEELOCK | 24 | STUDENT CENTER |
| 4 | MAINTENANCE SHOP | 26 | CERAMICS SCULPTURE |
| 5 | MAINTENANCE PT SHOP | 27 | ATHLETICS CENTER |
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| 16 | MAIN WAREHOUSE | 36 | PILATES |
| 17 | ADMINISTRATION | 37 | DIGITAL LIBRARY |
| 18 | COSMETOLOGY | 130 | COLLEGE HOUSE |
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| 21 | MLK HIGH TECH CENTER | 161 | EVANS SPORTS BUILDINGS |

# VEHICULAR CIRCULATION

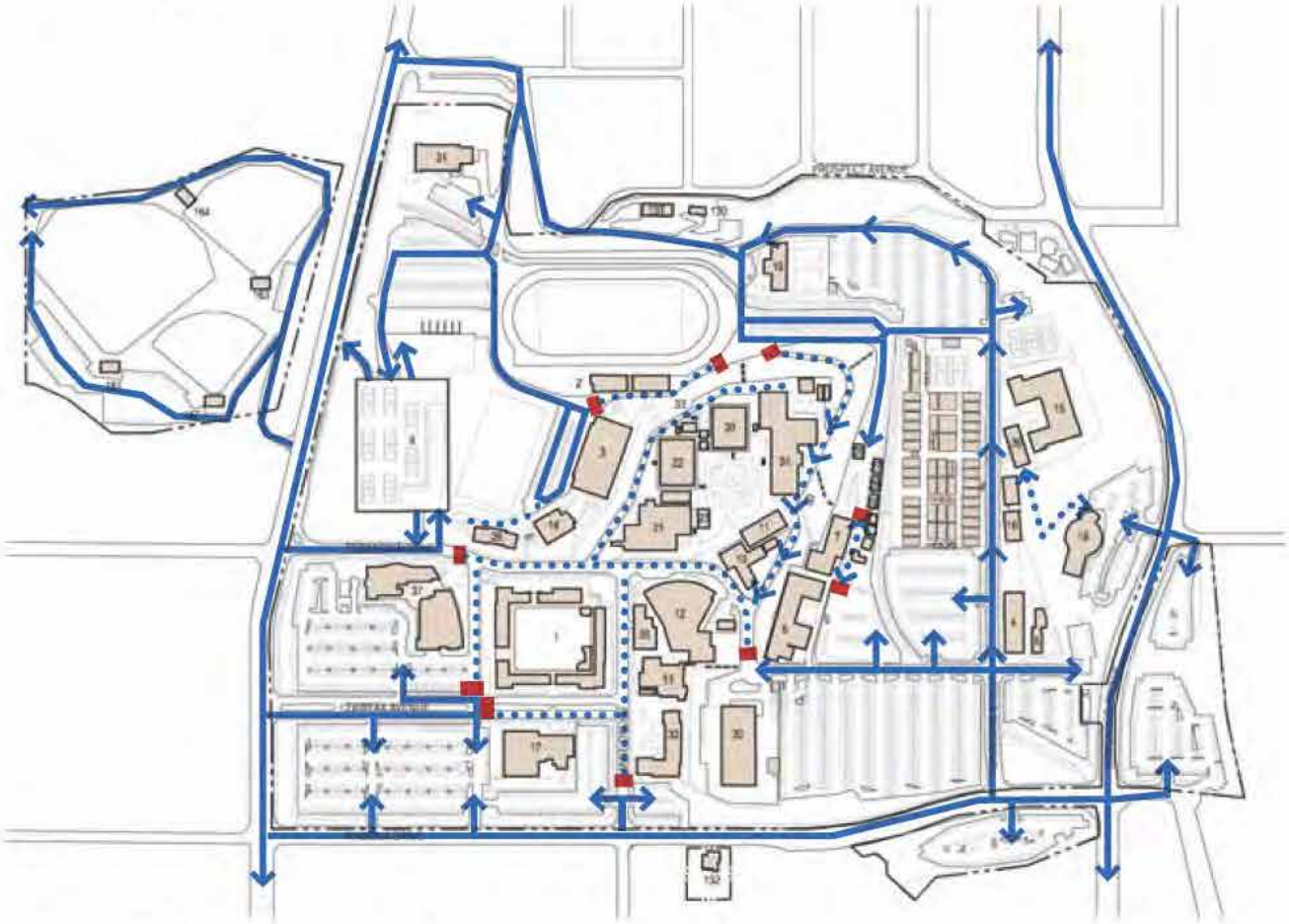

FIGURE 2-10. Vehicular Circulation - Vehicular and service circulation on campus

## LEGEND

- VEHICULAR
- SERVICE
- BARRIER

## BUILDING LEGEND

| | | | |
|---|---|---|---|
| 1 | QUADRANGLE | 22 | PHYSICAL SCIENCE |
| 2 | STADIUM | 23 | PLANETARIUM |
| 3 | WHEELOCK | 24 | STUDENT CENTER |
| 4 | MAINTENANCE SHOP | 26 | CERAMICS SCULPTURE |
| 5 | MAINTENANCE PT SHOP | 27 | ATHLETICS CENTER |
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| 14 | ART | 34 | ASSESSMENT |
| 15 | HUNTLEY GYM | 35 | MUSIC HALL |
| 16 | MAIN WAREHOUSE | 36 | PILATES |
| 17 | ADMINISTRATION | 37 | DIGITAL LIBRARY |
| 18 | COSMETOLOGY | 130 | COLLEGE HOUSE |
| 19 | CUTTER POOL | 131 | NORTH HALL |
| 20 | LIFE SCIENCE | 132 | ALUMNI HOUSE |
| 21 | MLK HIGH TECH CENTER | 161 | EVANS SPORTS BUILDINGS |

0' 250' 500'

# EMERGENCY ACCESS

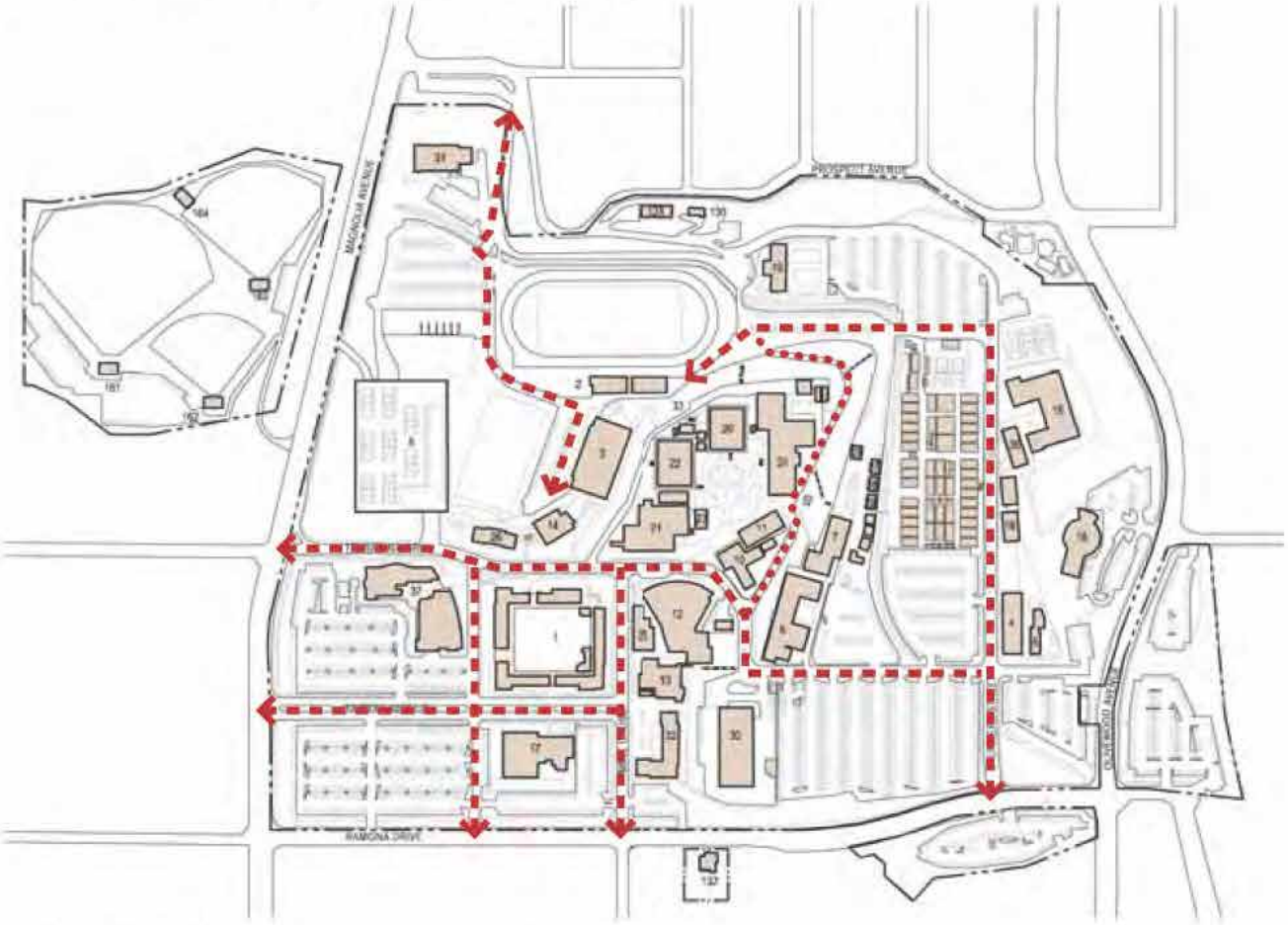


FIGURE 2-11. Emergency Access - Primary and secondary access for emergency vehicles

## LEGEND

- FIRE
- SECONDARY

## BUILDING LEGEND

| | |
|---|---|
| 1 | QUADRANGLE |
| 2 | STADIUM |
| 3 | WHEELOCK |
| 4 | MAINTENANCE SHOP |
| 5 | MAINTENANCE PT SHOP |
| 6 | TECHNOLOGY A |
| 7 | TECHNOLOGY B |
| 10 | ADMISSIONS/COUNSEL |
| 11 | DATA PROCESSING |
| 12 | LANDIS AUDITORIUM |
| 13 | MUSIC BUILDING |
| 14 | ART |
| 15 | HUNTLEY GYM |
| 16 | MAIN WAREHOUSE |
| 17 | ADMINISTRATION |
| 18 | COSMETOLOGY |
| 19 | CUTTER POOL |
| 20 | LIFE SCIENCE |
| 21 | MLK HIGH TECH CENTER |
| 22 | PHYSICAL SCIENCE |
| 23 | PLANETARIUM |
| 24 | STUDENT CENTER |
| 26 | CERAMICS SCULPTURE |
| 27 | ATHLETICS CENTER |
| 28 | CAMPUS POLICE/SAFETY |
| 29 | PORTABLE 3 |
| 30 | AUTO TECHNOLOGY |
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| 34 | ASSESSMENT |
| 35 | MUSIC HALL |
| 36 | PILATES |
| 37 | DIGITAL LIBRARY |
| 130 | COLLEGE HOUSE |
| 131 | NORTH HALL |
| 132 | ALUMNI HOUSE |
| 161 | EVANS SPORTS BUILDINGS |

0' 250' 500'

# PARKING

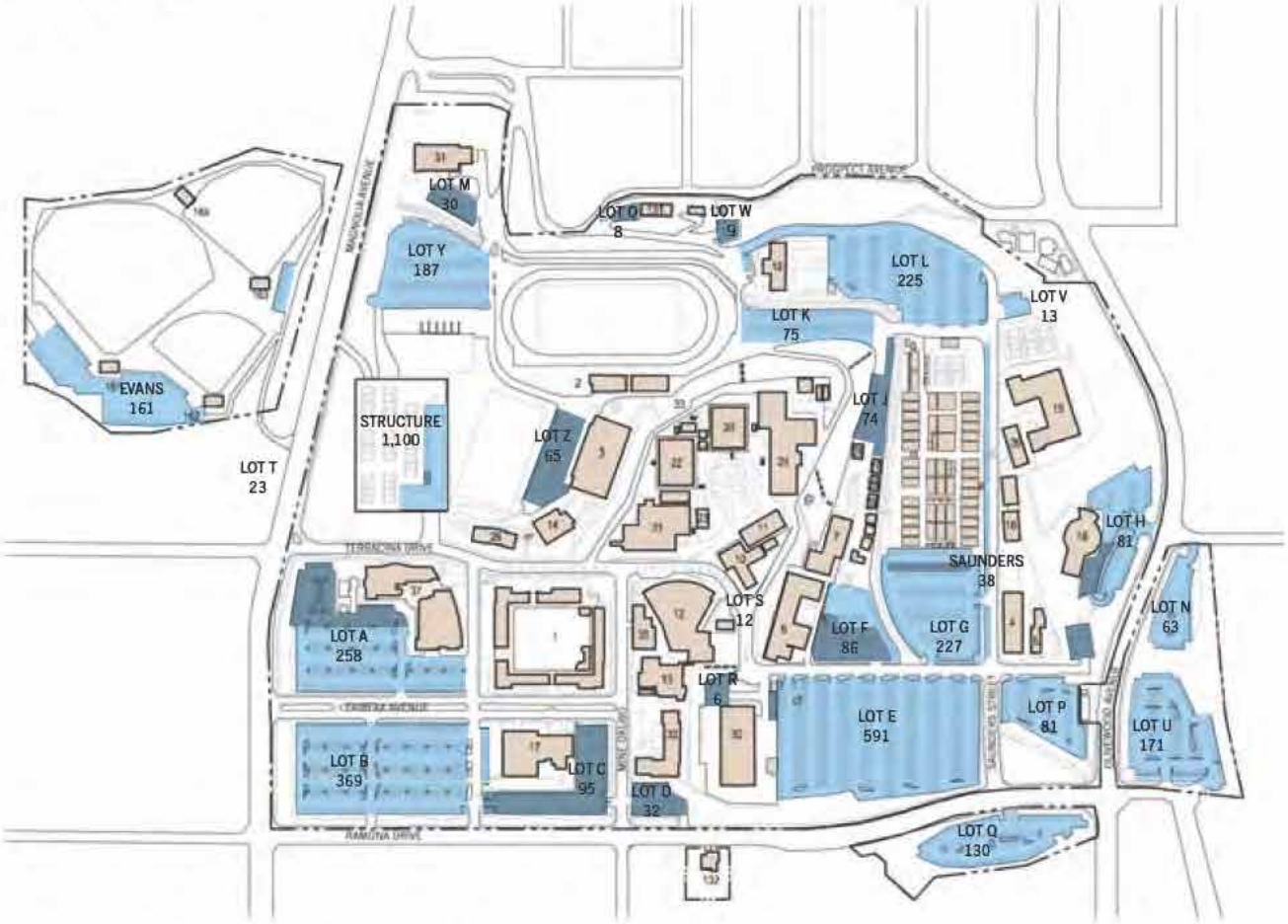


FIGURE 2-12. Parking - Campus lots for student and staff use

## LEGEND

STUDENT 3,480 SPACES

STAFF 530 SPACES

TOTAL STUDENTS: 20,636 - FALL 2005 ENROLLMENT

TOTAL 4,010 (E) SPACES

CURRENT STUDENTS/PARKING RATIO: 5.1:1

TOTAL SPACES REQUIRED @ 5:1 = 4,128
TOTAL SPACES REQUIRED @ 4:1 = 5,159

0' 250' 500'

## BUILDING LEGEND

| | |
|---|---|
| 1 | QUADRANGLE |
| 2 | STADIUM |
| 3 | WHEELOCK |
| 4 | MAINTENANCE SHOP |
| 5 | MAINTENANCE PT SHOP |
| 6 | TECHNOLOGY A |
| 7 | TECHNOLOGY B |
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| 17 | ADMINISTRATION |
| 18 | COSMETOLOGY |
| 19 | CUTTER POOL |
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| 21 | MLK HIGH TECH CENTER |
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| 23 | PLANETARIUM |
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| 34 | ASSESSMENT |
| 35 | MUSIC HALL |
| 36 | PILATES |
| 37 | DIGITAL LIBRARY |
| 130 | COLLEGE HOUSE |
| 131 | NORTH HALL |
| 132 | ALUMNI HOUSE |
| 161 | EVANS SPORTS BUILDINGS |

# PEDESTRIAN CIRCULATION

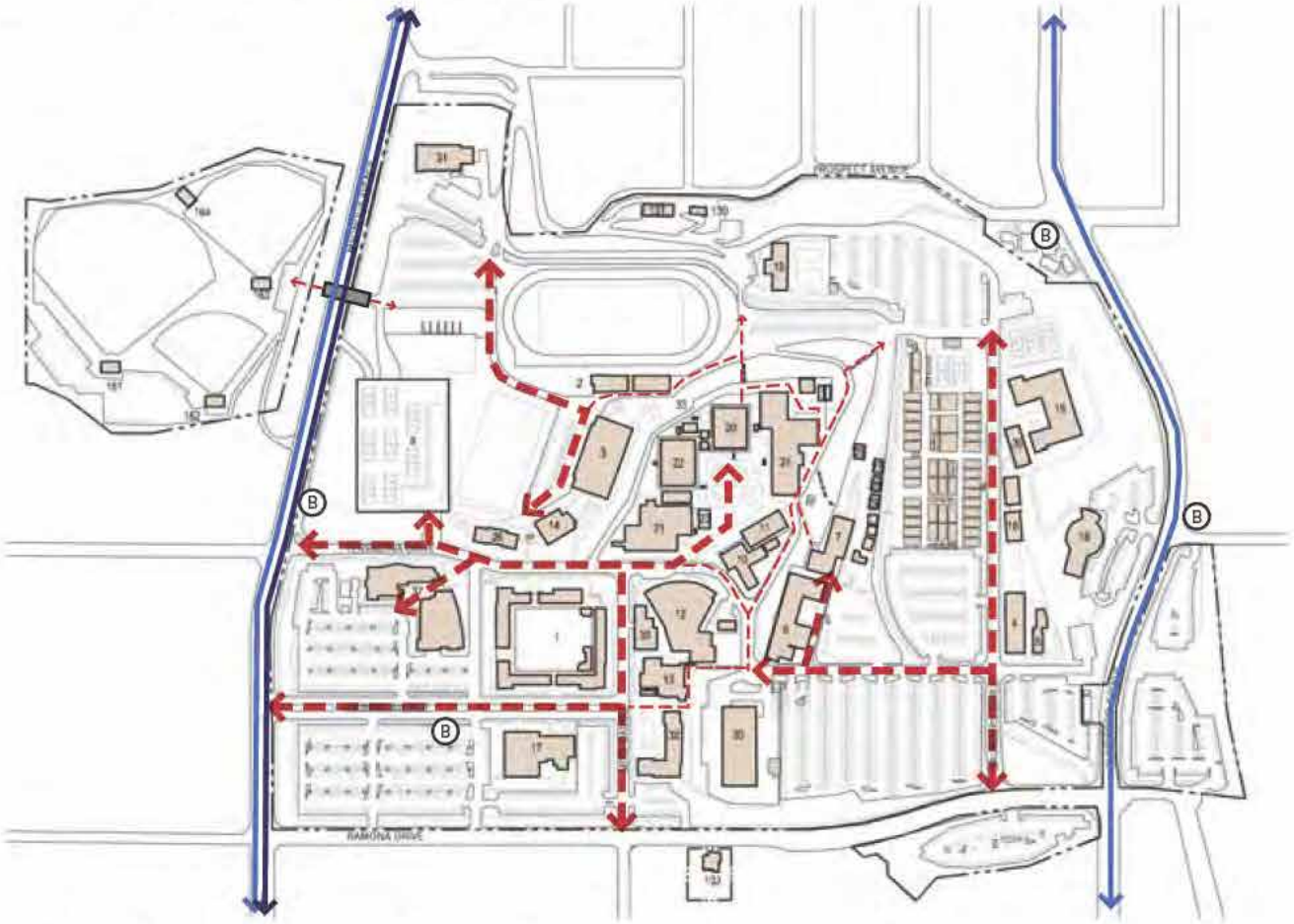


FIGURE 2-13. Pedestrian Circulation - Primary and secondary pedestrian circulation, including bus and bicycle routes

## LEGEND

- PRIMARY
- SECONDARY
- TUNNEL
- (B) BUS STOP
- BUS ROUTE
- BICYCLE LANE

0' 250' 500'

## BUILDING LEGEND

| | | | |
|---|---|---|---|
| 1 | QUADRANGLE | 22 | PHYSICAL SCIENCE |
| 2 | STADIUM | 23 | PLANETARIUM |
| 3 | WHEELOCK | 24 | STUDENT CENTER |
| 4 | MAINTENANCE SHOP | 26 | CERAMICS SCULPTURE |
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| 13 | MUSIC BUILDING | 33 | GREENHOUSE |
| 14 | ART | 34 | ASSESSMENT |
| 15 | HUNTLEY GYM | 35 | MUSIC HALL |
| 16 | MAIN WAREHOUSE | 36 | PILATES |
| 17 | ADMINISTRATION | 37 | DIGITAL LIBRARY |
| 18 | COSMETOLOGY | 130 | COLLEGE HOUSE |
| 19 | CUTTER POOL | 131 | NORTH HALL |
| 20 | LIFE SCIENCE | 132 | ALUMNI HOUSE |
| 21 | MLK HIGH TECH CENTER | 161 | EVANS SPORTS BUILDINGS |

# LANDSCAPE ANALYSIS

An assessment of the Riverside City College landscape is presented in the following pages. Discussions of the various landscape character, campus outdoor spaces and materials are organized into the following sections:

**1. Organizing Principal**

**2. Identity**

**3. Sustainability and Health**

## ORGANIZING PRINCIPAL

**ASSESSMENT:** The topography is the major organizing principal for the campus. The campus' current land uses directly respond to this topography. The more consistently active building and landscape programs occur in the higher areas, while more transitional and infrequent programs, including the drainage channel, occur in the lower areas. The presence of these two landscape types creates an interstitial zone of slope, presenting challenges for users moving from parking areas and field to the academic cluster. Although they present challenges, the presence of two landscape types can, in some cases, create a rich landscape planting.

**ISSUES:** Primary issues center on circulation of pedestrians and the integration of higher and lower areas into the overall rhythm of campus activities. As students, faculty and visitors transition from the parking areas, they are faced with the challenge of walking along harsh, over paved surfaces, steep slopes, aging steps, and unclear systems of way finding. The integration of the upper and lower areas into the overall activities of the campus seem to be separate, unrelated and difficult to connect campus users with. Users and visitors looking to engage with the larger campus on a day-to-day basis are faced with difficult physical campus connections.

**OPPORTUNITIES:** Topography, as an organizing principal, presents a great opportunity for the campus master plan over time. As the campus matures, the higher areas will provide an opportunity to accommodate more building program, vibrant public landscapes, formal ideas about plazas, pedestrian promenades, and landscape courtyards. In the lower area, the combination of improvements to the expansive parking area and the potential for enclosing the concrete channel present an opportunity for a landscape zone that is more comfortable for users; therefore becoming a landscape amenity to the larger campus. In revitalizing the higher and lower areas, the slope becomes a location of opportunity to create robust vegetation and implement beautiful systems of steps that will enhance the experience for students, faculty, and visitors who move between the two.

## IDENTITY

**ASSESSMENT:** The landscape identity of Riverside City College manifests itself in many different forms and moments throughout the campus. The inconsistency of identifying elements throughout the campus does not create a clear interpretation of arrival onto the Riverside City College campus.

**ISSUES:** The landscape identity suffers from an inconsistency within the following landscape elements:

**-Entry Points**

**-Public Spaces**

**-Vegetation and Plant Species**

**-Landscape Elements (including site furnishings, walls and steps)**

**OPPORTUNITIES:** The potential landscape identity of Riverside City College has benefits that reach far beyond the physical campus though the creation of a prestigious memory for visitors. The use of public spaces to create a clear identity is an enormous opportunity at Riverside City College. Existing spaces can be enhanced and renovated with a landscape character that tie the campus together and provide the user with a strong sense of what the campus is about. Vegetation and the potential to utilize California native species can help to work with public spaces as an identity of the campus as well as the design selection of an overall campus site furnishing and landscape elements program.

# LANDSCAPE ANALYSIS

## SUSTAINABILITY AND HEALTH

**ASSESSMENT:** Sustainability is assessed in of terms of understanding the regional watershed, surfaces and their contribution to urban heat island effect, safety and stability of the slopes, and the function and program of the drainage channel (referred to as Line 0). The current surface conditions of the campus reveal a large amount of uncovered hard surfaces. Throughout the site, the condition of the slopes range from well planted to various states of disrepair. Line 0 is an infrastructure that is intended to capture and move the stormwater runoff from the uphill land uses; however, in actuality it is an aesthetic blemish and under-performs from an urban ecology perspective.

**ISSUES:** The issues related to sustainability are as follows:

***Regional Watershed:*** As an educational institution, it is important to make larger connections that will enhance other phases of campus life. There would be great benefit for the College to think of the areas beyond the borders of the campus. The issue of understanding the place of the Riverside City College within the Santa Ana River Watershed deals with specific regional problems as outlined in the Regional Watershed Diagram in the Appendix and includes an overdrafted aquifer, loss of riparian habitat and degraded water quality among others.

***Surfaces:*** The abundance of hard surfaces increases local ambient temperatures and ultimately requires more cooling and associated energy. Perhaps more importantly, the large parking areas, without trees, are uncomfortable for day-to-day users who have to walk to their hot cars.

***Slopes:*** Several slopes remain sparsely planted or bare after construction or other disturbances. These conditions present potential safety issues for users as slope failure could ultimately affect health and personal property.

***Drainage Channel:*** The current state of Line 0 compromises the ecological integrity of the drainage by achieving minimal improvement of water quality and virtually no wildlife habitat.

**OPPORTUNITIES:** The primary issues related to sustainability can be individually addressed in the master planning process to illustrate an overall commitment from the campus to sustainability.

***Regional Watershed:*** Opportunities on the Riverside City Campus correlate directly to the issues outlined in Regional Watershed Diagram in the Appendix. The opportunities manifest themselves as solutions to regional watershed issues and occur physically on the campus. In many cases these are simple strategies, such as using permeable paving in certain applications, and at the same time indicate a strong commitment to sustainability by the campus.

***Surfaces:*** The opportunity to provide relief from the heat, while addressing the urban heat island effect, can be achieved through a comprehensive study of paving and tree planting options within the large parking areas.

***Slopes:*** In the master planning process, a series of replanting efforts can be indicated in zones where the stability of the slope is in question.

***Drainage Channel:*** The opportunity to envision Line 0 as a naturalized infrastructure creates many interesting opportunities for the campus. This approach could yield an improvement of the overall aesthetic and positively impact the channel, water quality and wildlife habitat. At the same time, an effort that naturalized the channel could provide an education opportunity, through interpretative sign and incorporation of the ecological process into the academic curriculum.

# ORGANIZING PRINCIPLE

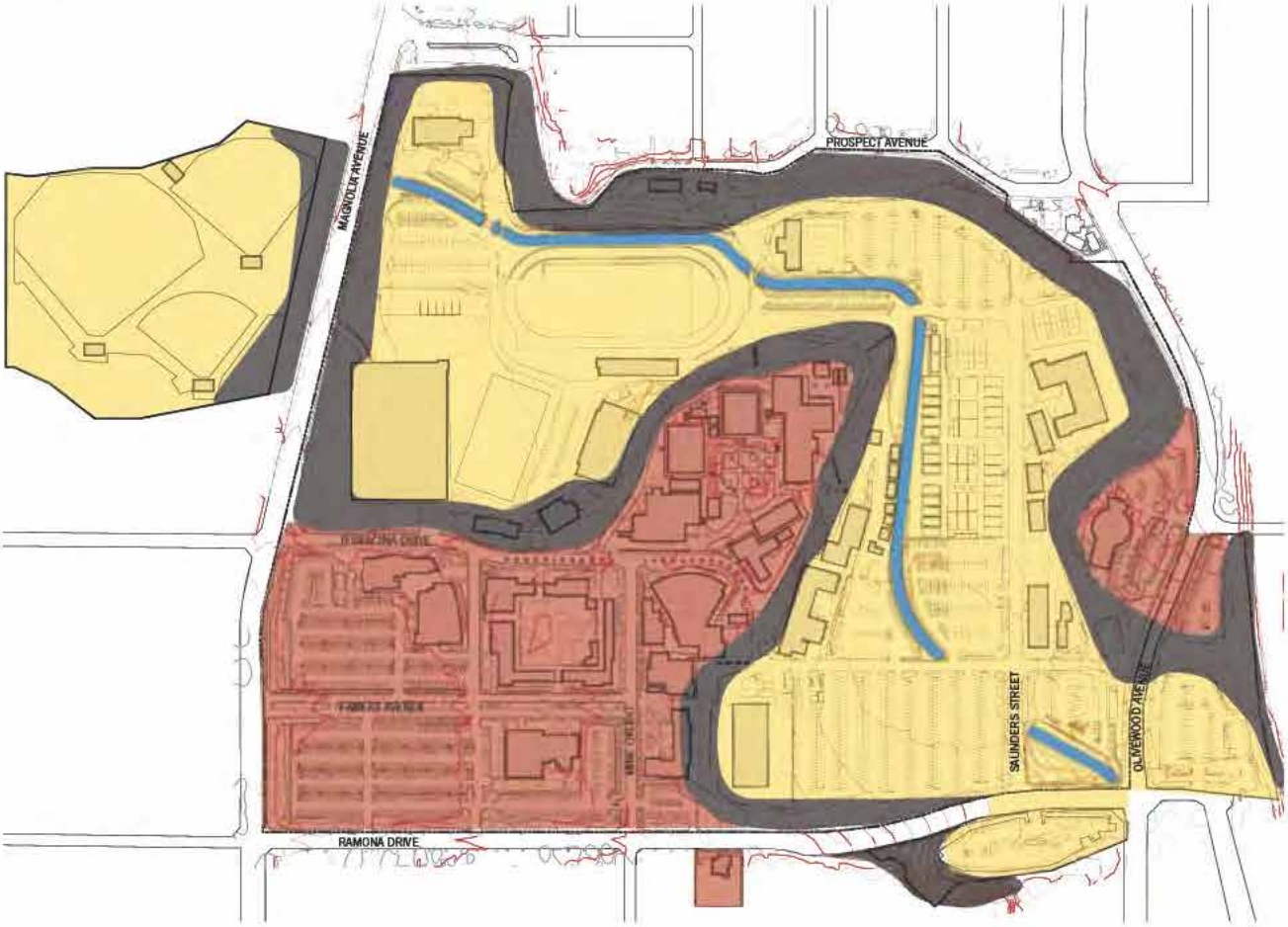



FIGURE 2-14. Organizing principle diagram defining the structure of the landscape

## LEGEND

- LOWER AREA
- HIGHER AREA
- SLOPE
- CHANNEL

0' 250' 500'

# ELEVATION MAP

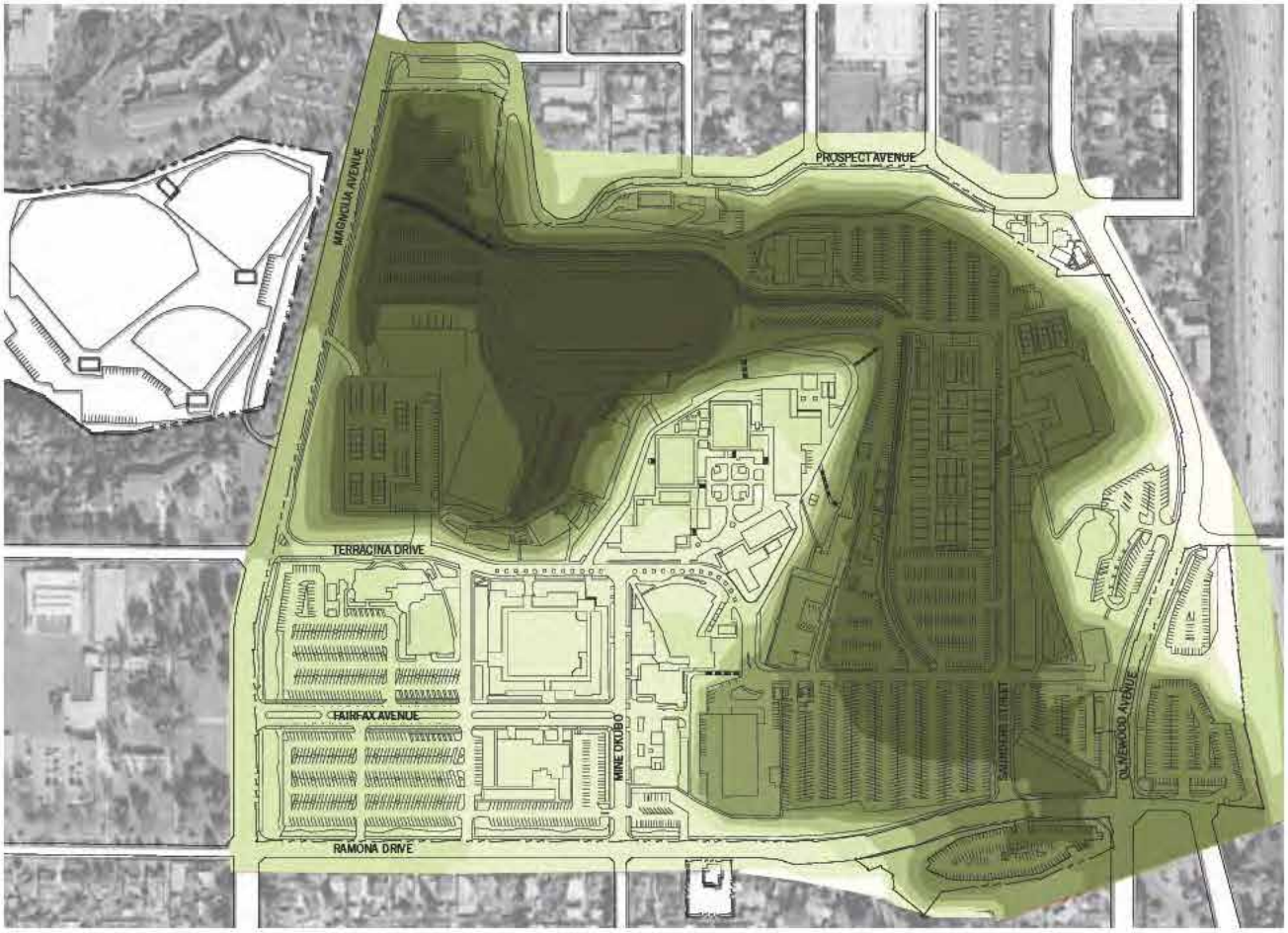



FIGURE 2-15. Elevation map displaying the varied topographic elevations on campus

## LEGEND

Elevation in Feet

- 850 - 860
- 840 - 850
- 830 - 840
- 820 - 830
- 810 - 820
- 800 - 810
- 790 - 800
- 787 - 790

0' 250' 500'

# ENTRY

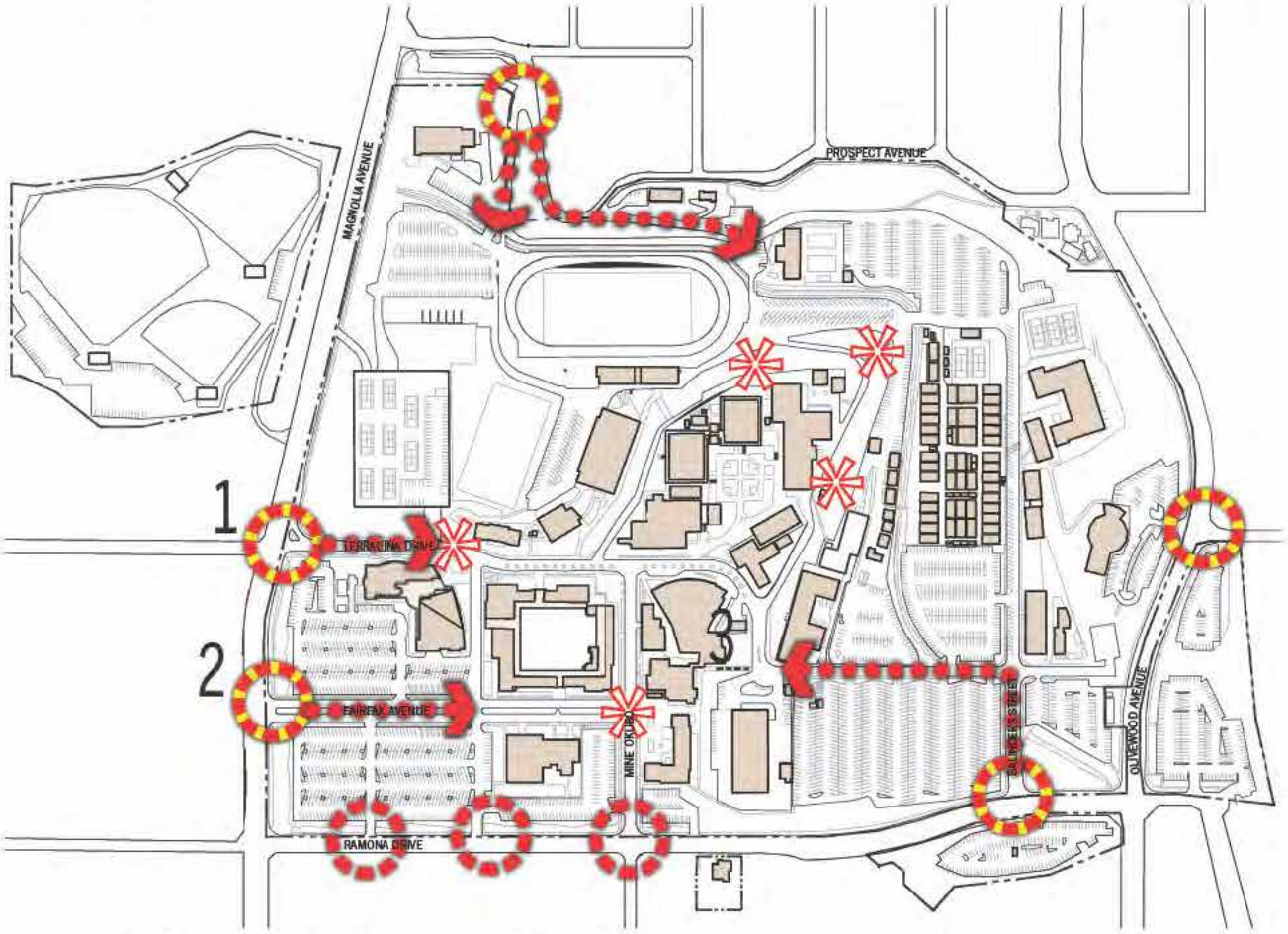



FIGURE 2-16. Entry diagram showing vehicular and pedestrian entrances

## LEGEND

- PRIMARY VEHICULAR ENTRANCE
- SECONDARY VEHICULAR ENTRANCE
- VEHICULAR ENTRANCE-WAY
- PRIMARY PEDESTRIAN ENTRANCE

1

*Magnolia Street primary entrance*

2

*Magnolia Street secondary entrance*

3

*Sloped pedestrian entrance*

0' 250' 500'

# PUBLIC SPACE


FIGURE 2-18. Public space diagram illustrates with photography the difference between public spaces

The core of the public space includes the Science quad (1), which is open space bound by buildings and shaded by camphor trees. A transition zone for informal outdoor exhibits/vendors (2) exists between zone 1 and 3, and is primarily a pedestrian walkway lined with landscape. The third public space is synonymous with the entrance roads from Magnolia and Wood Streets which is a well lit space defined by surrounding buildings, primarily lined with palm and magnolia trees.

1

*Science quad*

2

*Informal outdoor exhibits/vendors*

3

*Central campus corridor*

0' 250' 500'

# PUBLIC SPACE

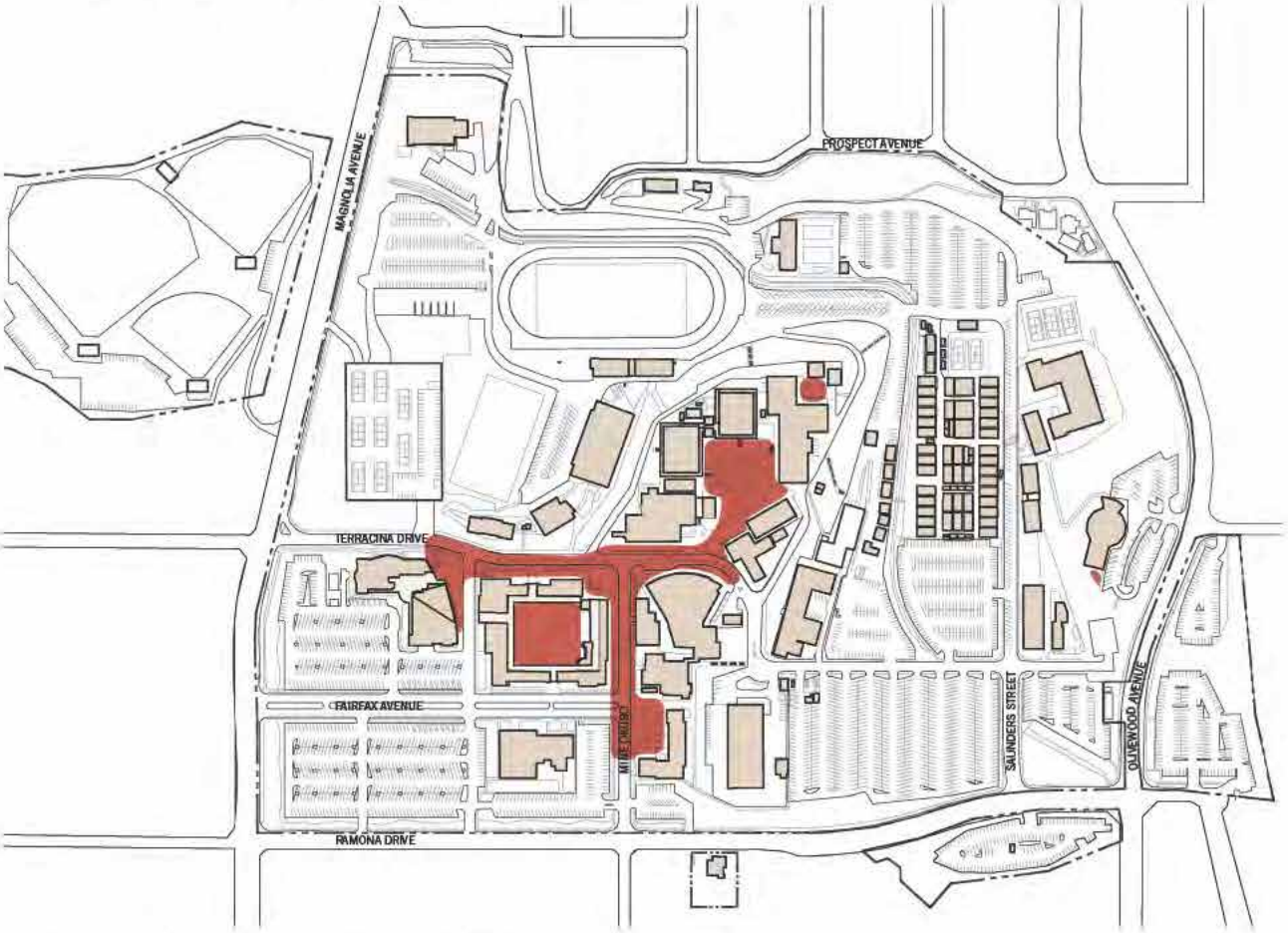



FIGURE 2-17. Public space diagram shows campus public spaces

LEGEND

PUBLIC CAMPUS SPACE

Riverside City College public space consists of a number of distinct landscape spaces linked by two former city streets. The topographic character of the site has perhaps aided in the development of a general core academic space on the hill. In terms of public space, the campus' greatest challenge is unifying and expanding the existing landscape spaces.

0' 250' 500'

# LANDSCAPE ELEMENTS


FIGURE 2-19. Landscape elements diagram differentiates the distinct characters of the campus

## LEGEND

- FORMAL
- TRANSITIONAL
- RECREATION AREAS
- UNIQUE CHARACTER

## LANDSCAPE FURNISHING ZONES

FORMAL - Around center of campus, quantity of site furnishings increases, quality also increases

TRANSITIONAL - Areas outside center of campus, quantity of site furnishings decreases as well as quality

RECREATION - Site furnishings cater to activities- such as picnic tables and lighting for sports events at night

UNIQUE CHARACTER - Furnishings unique to anywhere else on campus, such as shade structures and dining tables

0' 250' 500'

# VEGETATION

*Deciduous sweet gum and maple trees*

*Oak and pines line the slope of myoporum*

*Grove of camphor trees at the science quad*

*Newport plum trees accent green sycamore*

*Banyan tree provides shade over students*

*Magnolias and palms line the drive*

*Orchid trees and roses bloom at the main entrance*

*Eucalyptus shade and slope leaves hillsides barren*

*Overpruning is commonly found on campus*

## PRIMARY TREES

EUCALYPTUS
CARROTWOOD
CALIFORNIA PEPPER
BRAZIL PEPPER
SOUTHERN MAGNOLIA
CANARY ISLAND PINE
AFGHAN PINE
ALEPPO PINE
QUEEN PALM
MEXICAN FAN PALM

## SHRUBS/ PERENNIALS

OLEANDER
ROSE
BOXWOOD
HIBISCUS
AGAPANTHUS
PITTOSPORUM
JAPANESE PRIVET
SHINY XYLOSMA
STAR JASMINE
COREOPSIS
JUNIPER
INDIAN HAWTHORNE
HOLLY
DAYLILY

## GROUNDCOVERS

MYOPORUM
IVY
LANTANA
TRUMPET VINE
ICEPLANT
TURF GRASS

## ANNUALS

GERANIUM

# VEGETATION

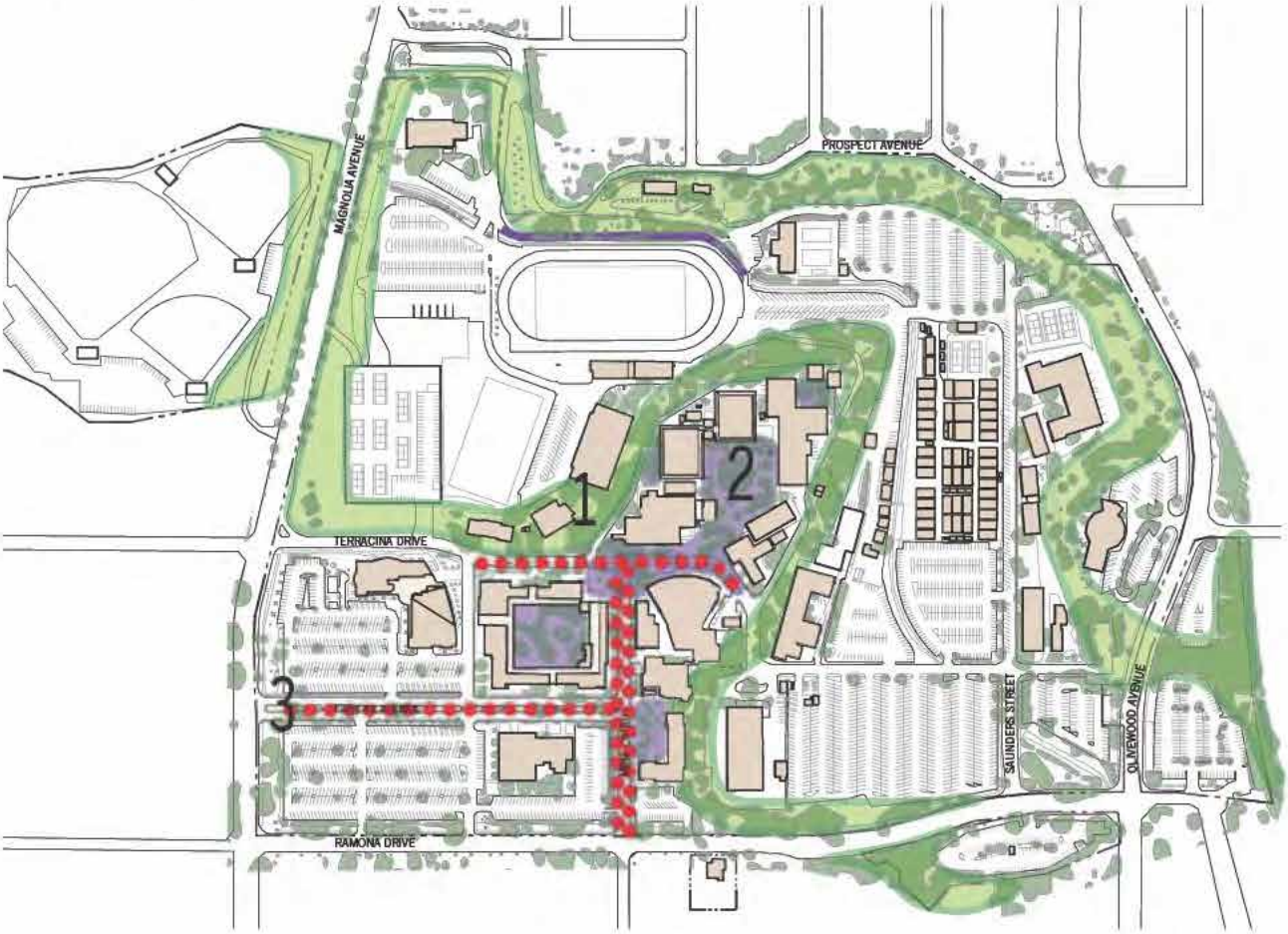



FIGURE 2-20. Vegetation diagram illustrates the typical vegetation typologies on campus

## LEGEND

SLOPE VEGETATION

CULTURAL VEGETATION

TREE BOULEVARD

1

*Slope ground cover vegeta-*

2

*Formal quad*

3

*Tree boulevard*

0' 250' 500'

# SLOPE ANALYSIS

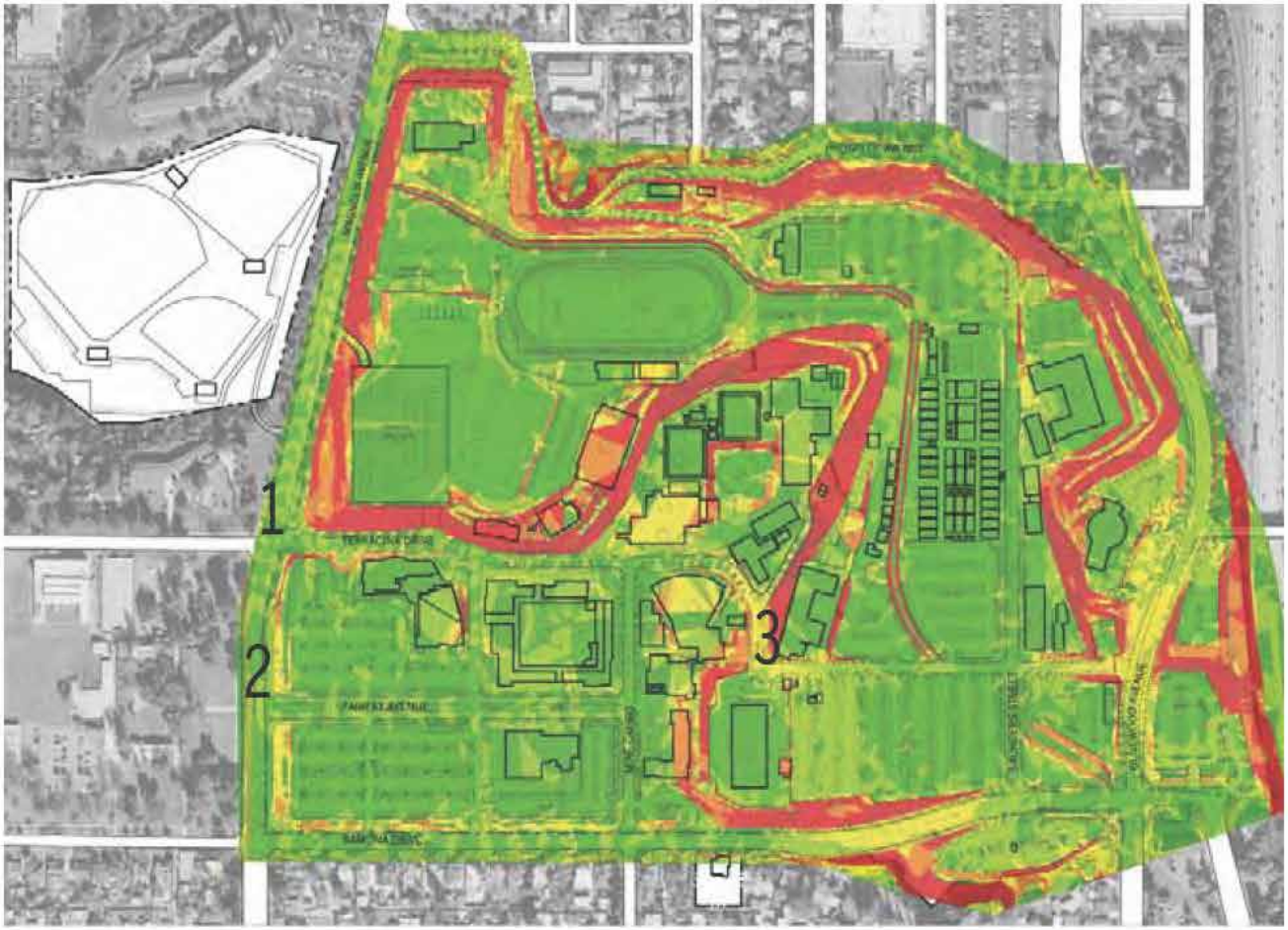
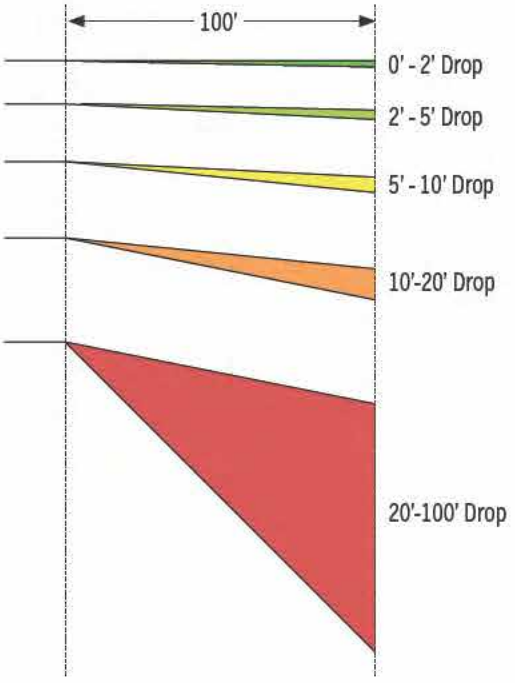



FIGURE 2-21. Slope analysis of existing slope percentages

LEGEND

% Slope

- 0 - 2%
- 2 - 5%
- 5 - 10%
- 10 - 20%
- 20% - 100%




0' 250' 500'

# SLOPE VEGETATION


FIGURE 2-22. Slope vegetation diagram illustrating the varied slope condi-

LEGEND

VEGETATED SLOPE

ERODED / BARE SLOPE

NEW SLOPE PLANTING

1

*Cement reinforced slope*

2

*Eroded slopes*

3

*Barren slopes*

0' 250' 500'

# LANDSCAPE SURFACE

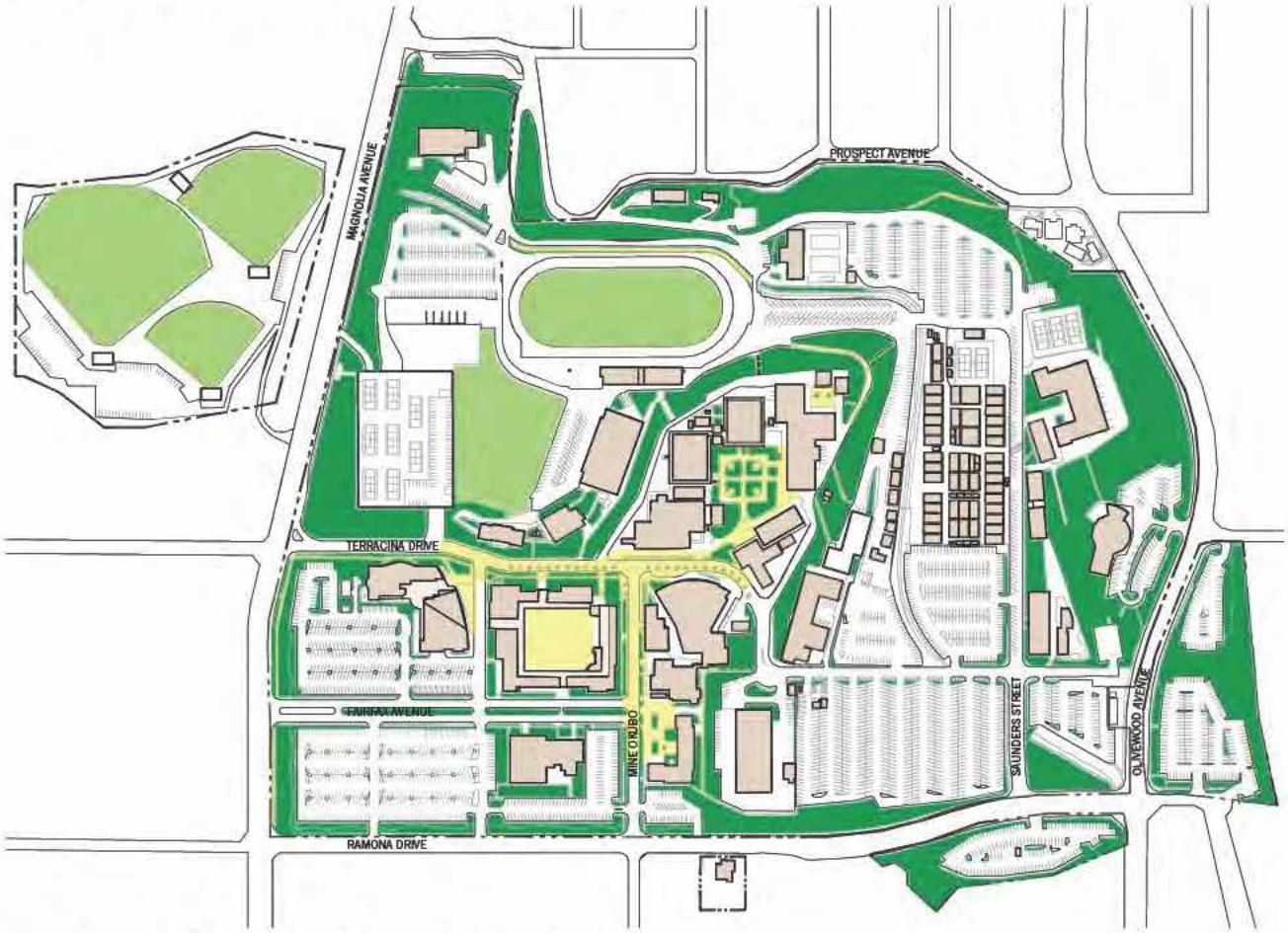



FIGURE 2-23. Landscape surface diagram determining the types of existing surfaces

## LEGEND

- SOFTSCAPE (VEGETATION/LANDSCAPE)
- ATHLETIC FIELDS SOFTSCAPE (VEGETATION/LANDSCAPE)
- PLAZAS / SIDEWALKS (PAVED SURFACES)

0' 250' 500'

# PARKING HEAT ISLAND

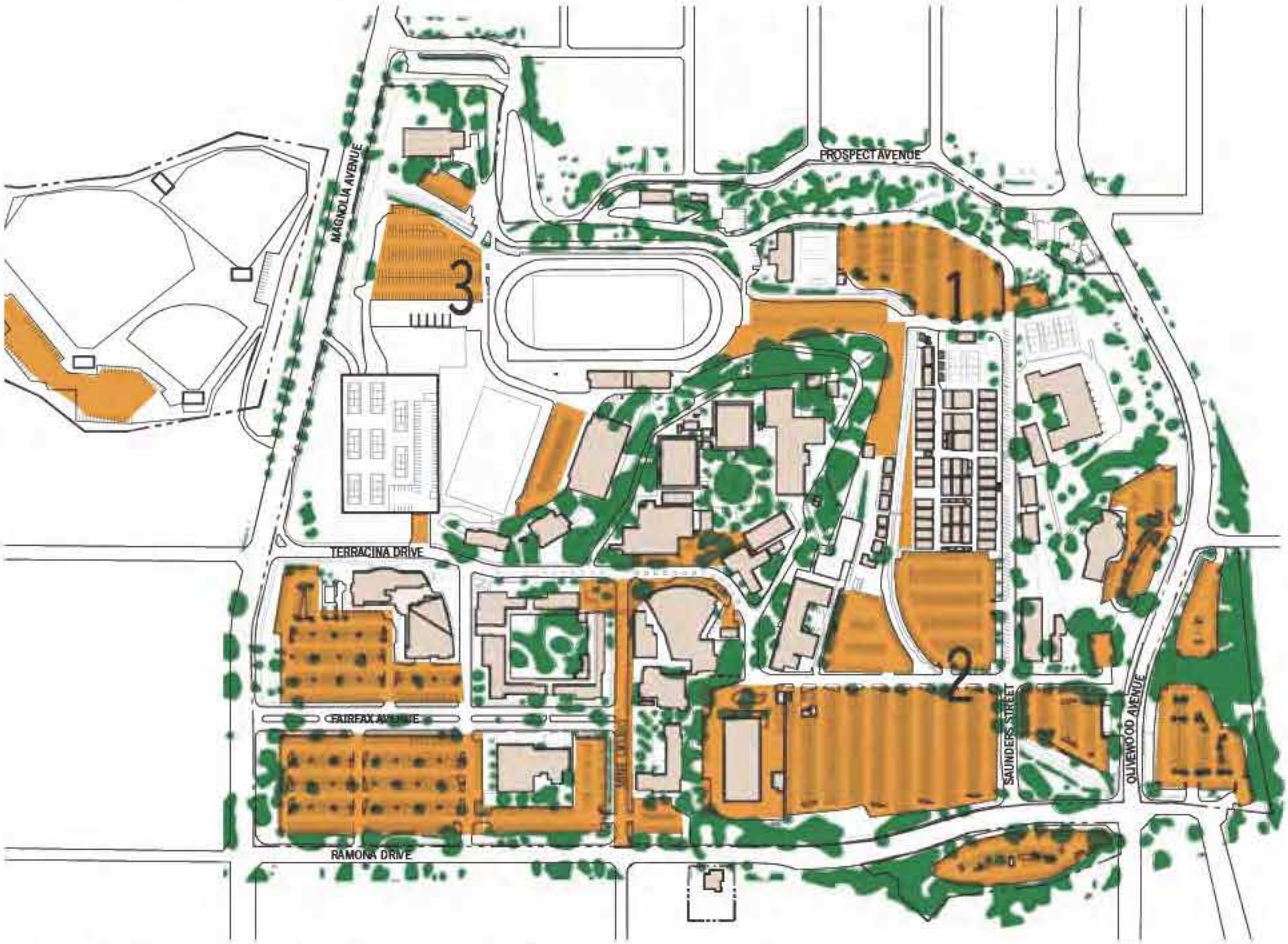



FIGURE 2-24. Parking heat island diagram differentiates areas covered by trees versus hardscape

## LEGEND

EXPOSED ASPHALT & CONCRETE

TREE COVERAGE

Unshaded paved surfaces collect, store, and release heat from the sun, contributing to high summer temperatures, uncomfortable conditions, high water needs, and site maintenance (degraded pavement, equipment, etc.). Increasing tree canopy and reducing hardscape can reduce heat island effect and reduce ambient temperatures.

1

*Northeast parking lot*

2

*Southeast parking lot*

3

*North parking lot*

0' 250' 500'

# CHANNEL

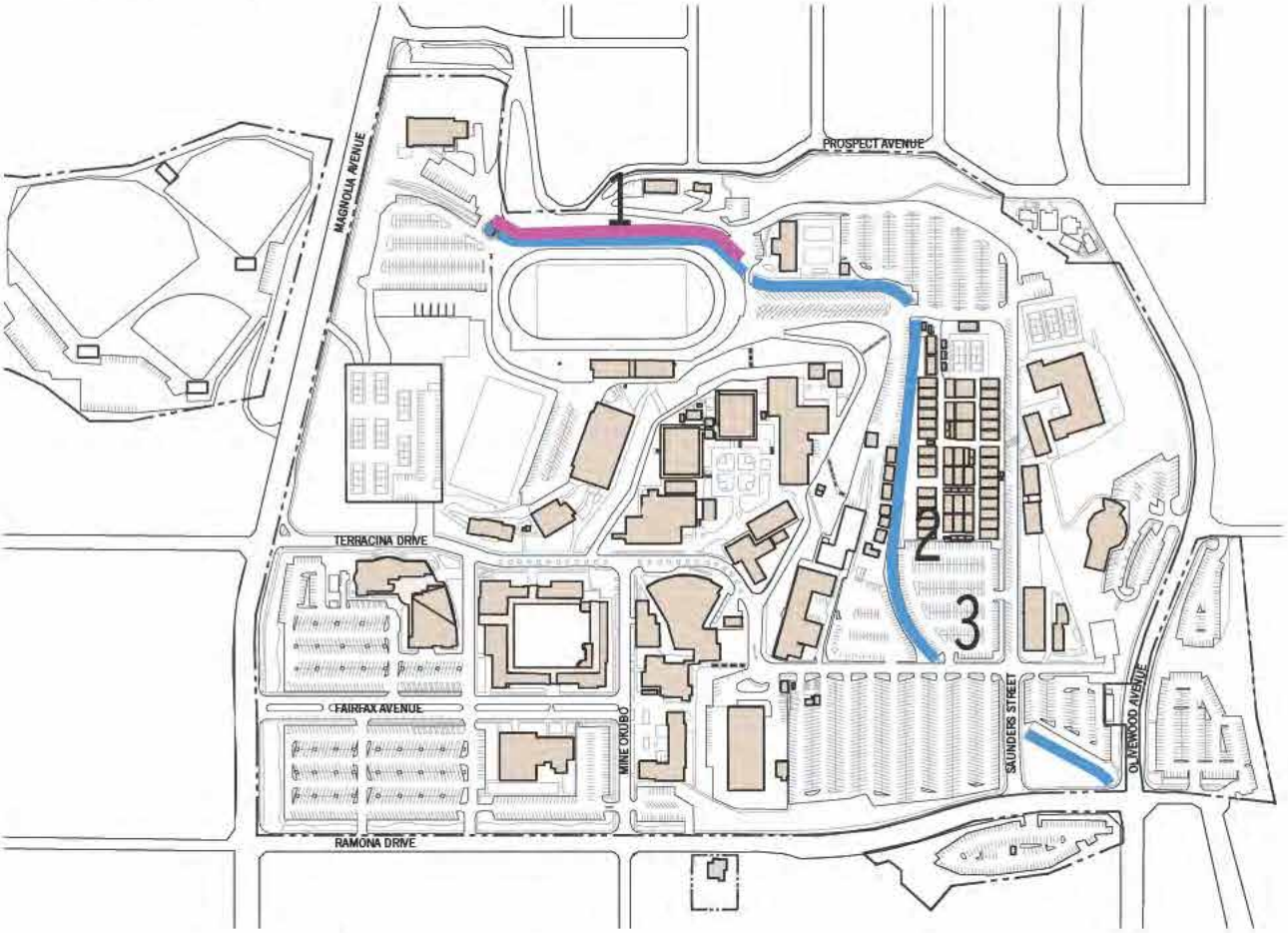



FIGURE 2-25. Channel diagram showing the existing waterway and nature

## LEGEND

CHANNEL / OPEN DRAINAGE

NATURE WALK

1

*Channel nature walk*

2

*Channel with building adjacencies*

3

*Channel unbuffered from parking lots*

0' 250' 500'

# SIGNAGE ANALYSIS

**Identity / Signage**

Riverside City College's 'brand identity' is the key to how people will perceive and experience the school. A school's brand identity is important in creating a unique, memorable and pleasant experience for the visitor. It also serves to distinguish the school from other schools in the area.

The current brand identity of Riverside City College (RCC) is not represented clearly or consistently throughout its campus. Prior to students arriving at the RCC campus, they will most likely visit the RCC website and/or view RCC's printed materials. It is important that when visitors arrive at the RCC campus, they will be able to connect the previously viewed materials with the campus' graphics and signage. This association helps to establish the school's brand identity. Currently, RCC's identity is common, inconsistent and lacks uniqueness.

Throughout the campus there are many different signage font styles, colors and materials used, and the signage placement is erratic. It is important that these items stay consistent throughout the campus. This uniformity will help to create a more intuitive wayfinding system and facilitate student flow.

**Message / Legibility**

RCC's campus signage has some legibility issues that contribute to its wayfinding confusion. These issues include: random sign heights, vehicular directionals which are unreadable at a distance, signs that are not visible due to their lack of contrast with their backgrounds, and typography that lacks hierarchy.

The information directory maps are difficult to read because they are complicated and dense with information. The information presented in these directories should be condensed and simplified so that students can orient themselves quickly.

Furthermore, in some cases building signage is not categorized or ranked properly. The fonts identifying the building, department and room names should not all be the same size and weight. This lack of hierarchy between these identity signs slows a student's wayfinding.

**Construction / Materials**

RCC's campus signage utilizes multiple materials and installation techniques. This adds to the inconsistent signage 'look and feel'. Some materials used for signage, such as wood, are susceptible to deterioration and should only be used as a temporary solution.

In addition, signage styles are not categorized based on sign types. For example, there are many different styles of vehicular and pedestrian directionals, as well as building signs and room signs. Signage styles need to stay consistent within sign types in order to create and maintain uniformity.

**Maintenance**

Lack of standardization in signage causes difficulty in maintenance and updating which makes it is less cost-efficient. It is more arduous to care for and service signs that are made from many different materials and are attached using different techniques rather than one unified material and attachment method. Updating signage is also more time consuming when many different font styles are used

# BRAND IDENTITY

The RCC brand identity is inconsistently used in its electronic, print and environmental graphic systems.

The school's name is referred to as 'Riverside City College' on printed material and some campus graphics, and referred to as 'Riverside Community College' on websites and some campus signage graphics. This weakens the school's brand identity and may also cause confusion.

There are an assortment of font styles used in RCC's various marketing materials, such as electronic, print and environmental. This serves to weaken the school's brand identity.




*Inconsistent fonts used for school name*


*Inconsistent college name*

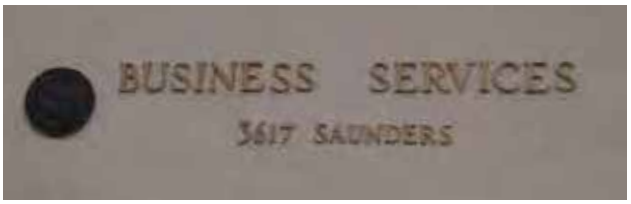
# MONUMENT

The monument sign does not convey RCC's brand identity and has legibility issues. The letters incised in dark grey concrete and the small cast bronze medallion are not easily read by vehicular traffic.

The name on the monument, 'Riverside Community College' is not consistent with the name on the school's printed material which is 'Riverside City College'. This weakens the school's university brand identity and may also cause confusion.

The monument sign's font style is not consistent with the font style throughout various electronic, print and environmental graphic materials.




*Location of bronze seal is inconsistent*


*Two names used on campus identity signage, "riverside community college" & "Riverside city college"*

# VEHICULAR SIGNAGE

Banners are used throughout RCC's campus as a device for vehicular wayfinding. This method is not advisable because the banner is not in the driver's line of sight and may cause a distraction from the road.

There are many different styles of vehicular directional signs and sign placement varies throughout the campus. Vehicular signage styles and signage placement should be consistent in order to establish and maintain uniformity and serve as quick directional guidance.

Sign faces are also inconsistent and dense with too much information. Directional arrows should always remain on the same side of the sign in order to create an intuitive directional system and too many destinations can overwhelm the reader.



*Inconsistent school name*


*Banner signs are not the proper height for vehicle directionals*

# VEHICULAR SIGNAGE

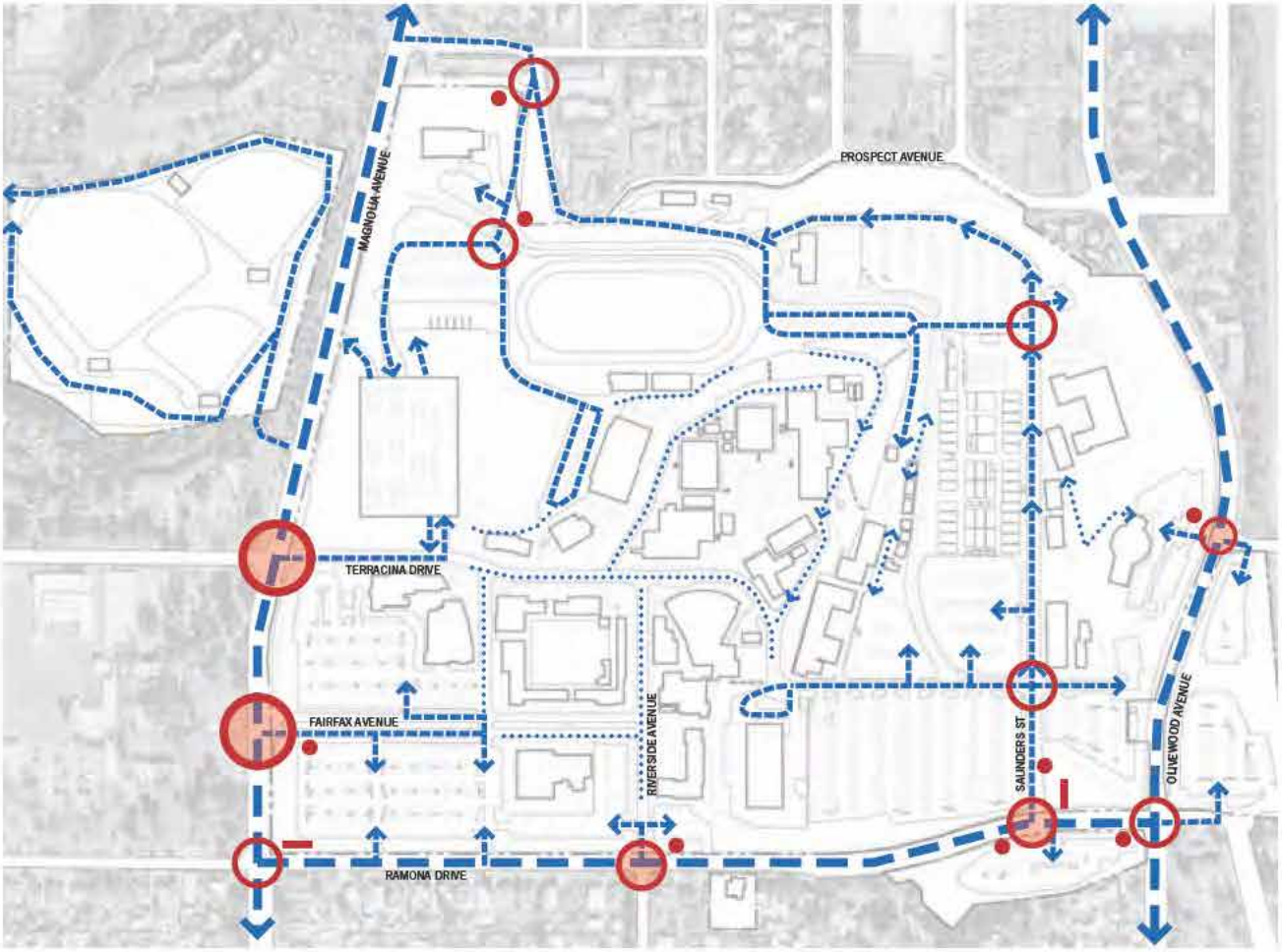



FIGURE 2-26. Vehicular Signage circulation on campus

## LEGEND

- STREET VEHICLE PATH
- CAMPUS/PARKING VEHICLE PATH
- CAMPUS STAFF ONLY VEHICLE PATH
- POINTS OF ENTRY (PRIMARY/SECONDARY/TERTIARY)
- DECISION POINTS
- EXISTING MONUMENT SIGNAGE
- EXISTING DIRECTIONAL SIGNAGE

# PARKING LOT SIGNAGE

The parking lot entry signs as they currently stand invoke a sense of warning / danger / 'do not enter'. The orange color with black text is similar to Caltrans signs, which are primarily used to signify construction or danger.

A more inviting sign design using similar colors is possible and recommended for welcoming students and staff to park at these lots.



*Campus signs inadvertently invoke an "under construction" 'look & feel'*

# PARKING LOT SIGNAGE

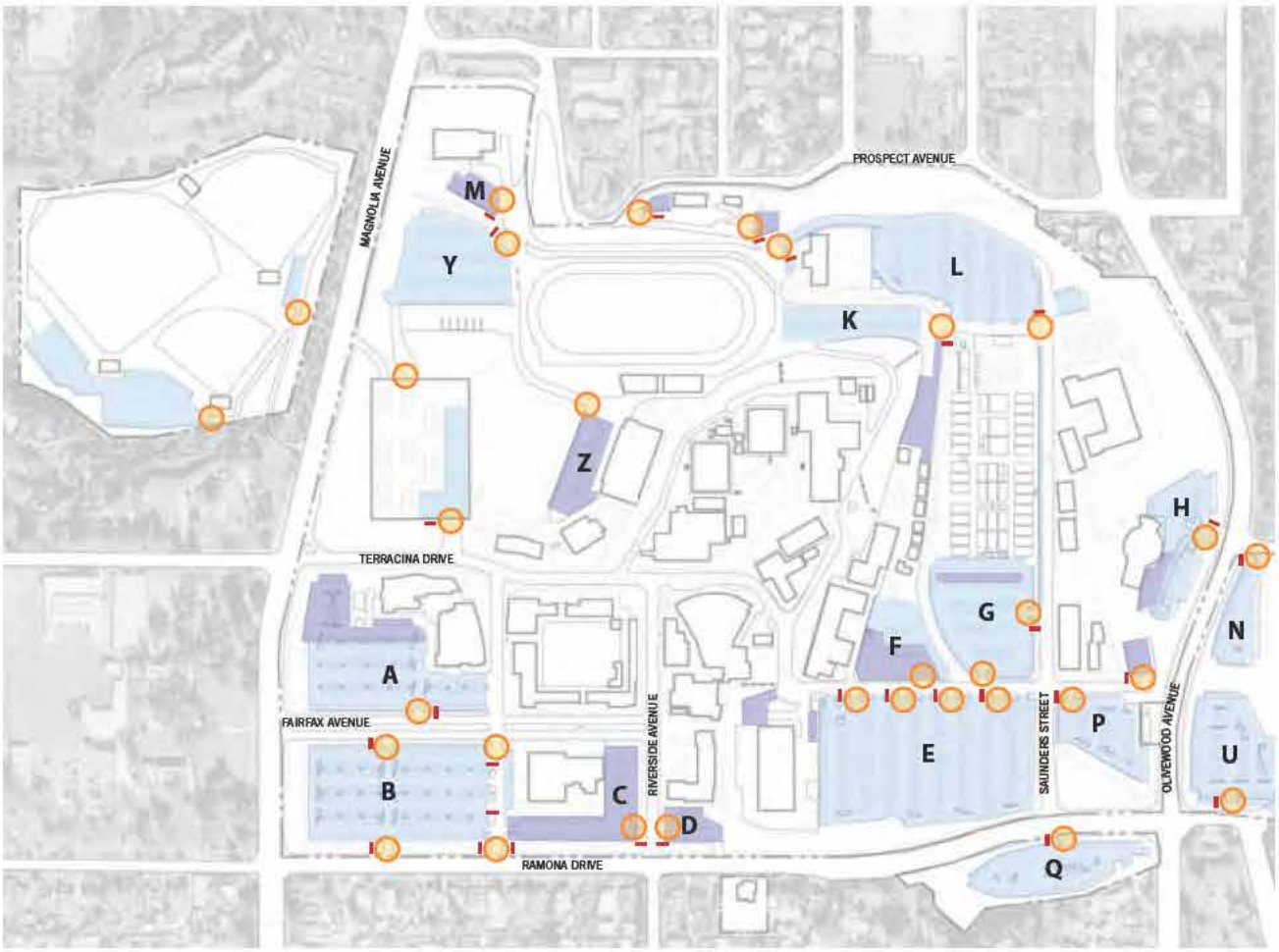



FIGURE 2-27. Campus parking lot types and signage location

## LEGEND

STUDENT PARKING

STAFF PARKING

POINTS OF PARKING ENTRY

EXISTING PARKING ENTRY SIGNS

# PEDESTRIAN SIGNAGE

Pedestrian directionals vary in form, look and placement throughout RCC's campus. There are many different font styles, colors and materials used, and the signage placement is erratic. These components need to stay consistent in order to establish and maintain uniformity, order and serve as practical directional guidance.

Maintaining consistent font styles, colors, materials and placement similar throughout all pedestrian signage will create several beneficial outcomes: 1. When users require direction, they will instinctively know which signs are meant for pedestrian direction. 2. Users will instinctively know where to look and even expect to see pedestrian directional signage in certain areas. 3. When pedestrian signage appears integrated into its environment it serves to gain the user's trust and helps to establish a sense of order.

These factors contribute to a more intuitive wayfinding system and will facilitate student flow.


*Inconsistent sign styles*


*Erratic placement of signs*


# PEDESTRIAN SIGNAGE

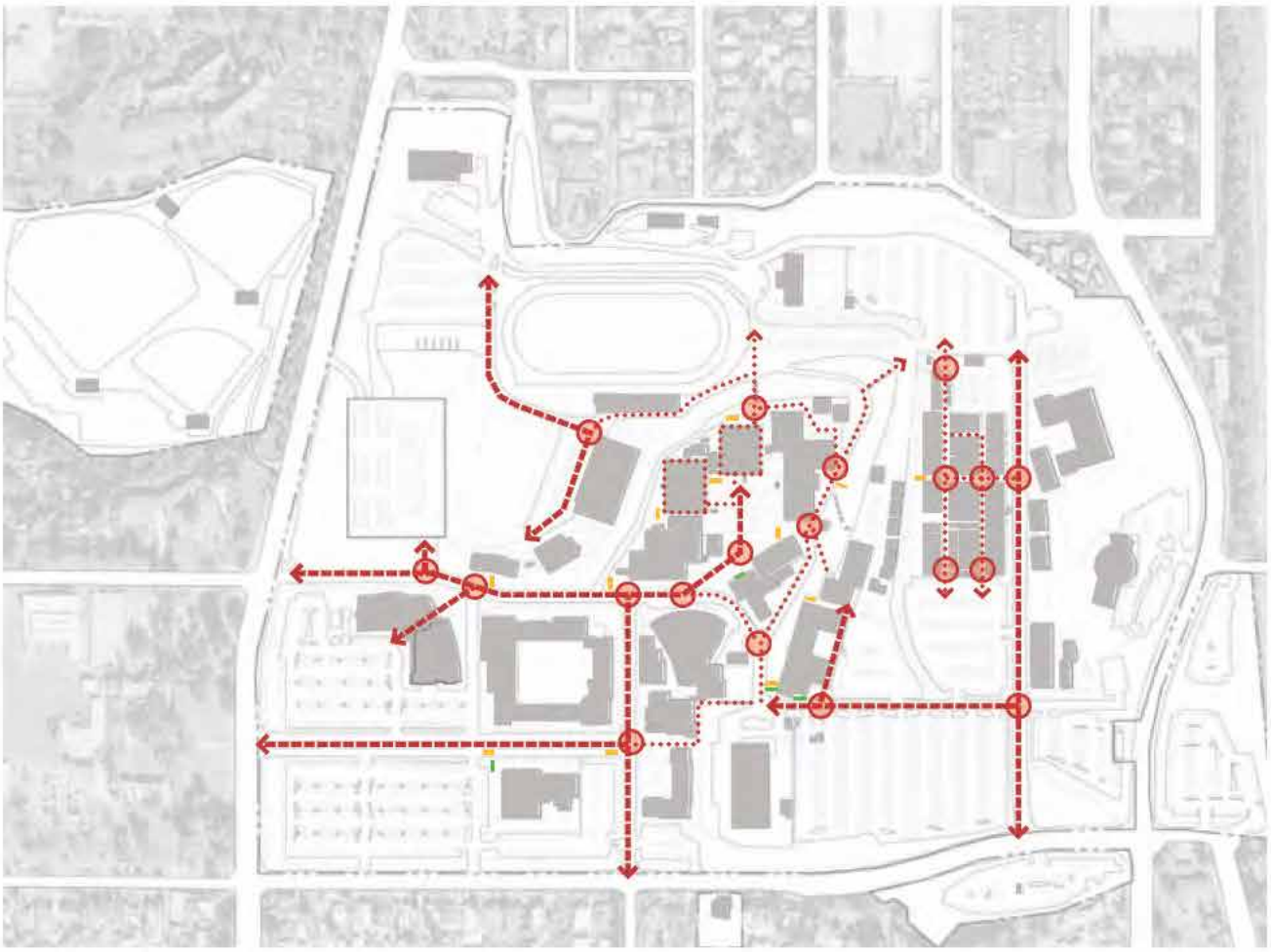


FIGURE 2-28. Pedestrian signage for circulation on campus

## LEGEND

- MAJOR PEDESTRIAN PATHWAYS
- MINOR PEDESTRIAN PATHWAYS
- MAJOR PEDESTRIAN INTERSECTIONS
- EXISTING PEDESTRIAN DIRECTIONALS
- EXISTING DIRECTORIES

# CAMPUS DIRECTORY

The directory map design is currently complicated and dense with information making it difficult to read. This deters users from utilizing the directories for wayfinding.

The information presented in these directories should be condensed and simplified so that users can orient themselves quickly without having to study the map for a prolonged period of time.


*Information map graphics are not easy to read*


*Inconsistent map graphics and layout*

# BUILDING IDENTITY

Throughout the campus, building signs have many different font styles, sizes, colors and are made from differing materials. Having various signage styles can confuse the user as to which sign type they are reading, i.e. the building sign can easily be mistaken for a department sign. This weakens the building identity and inhibits quick distinction between building and department. In some cases, the building signage is not legible as its text does not contrast its background, further inhibiting a user's ability to quickly locate a building.

It is important that the building signage maintain consistency throughout the campus. Creating signage hierarchy and uniformity will establish a more intuitive identity system and will facilitate wayfinding.

*Poor contrast between letters and background cause legibility issues*


*Inconsistent sign styles used throughout campus*


*Other examples of sign poor legibility*

# DEPARTMENT IDENTITY

Department identity signage varies in form, construction and mounting technique. There are many different font styles, colors and materials used within the department signs. These components should be consistent to establish and maintain uniformity, order and serve as clear department identity.

The department signage typography lacks hierarchy and is not categorized or ranked among the other identity signs. The fonts identifying the building, department and room names are similar size and weight. This lack of ranking among these identity signs slows the user's wayfinding.

It is important that components are consistent within the department identity signage throughout the campus and are distinguishable from the other identity signs. This uniformity within categories will help create quick recognition and will facilitate use.


*Inconsistent placement of department identity signs*


*Lack of hierarchy*


*Inconsistent sign heights*

# ROOM IDENTITY

Room identity signs vary throughout RCC's campus. There are many different font styles, colors, materials, and the signage placement is erratic. These components should be consistent to establish and maintain uniformity and serve the purpose of identifying the room. This uniformity will help create quick recognition of rooms and increase user wayfinding.

Various room identity signs do not meet ADA (Americans with Disabilities Act) code requirements. A number of code requirements must be met such as raised lettering, braille, mounting height / location and contrast.


*Inconsistent and non-ADA compliant room identity*



# RESTROOM IDENTITY

Restroom identity signs varies in font style throughout the RCC's campus. These font styles should be consistent to establish and maintain uniformity and serve the purpose of identifying the restroom. This uniformity will help create quick recognition of restrooms and increase student wayfinding.

Restroom identity signs do not meet ADA (Americans with Disabilities Act) code requirements. A number of code requirements must be met such as raised lettering, braille, mounting height / location and contrast.




*Inconsistent and non-ADA compliant restroom identity*

# 3
# FACILITIES MASTER PLAN

# ARCHITECTURAL

# SUMMARY

The master plan will transform the campus by building on a pattern of development already present and provide a framework for future growth. Developing the conceptual framework for future development began with the examination of the existing forces on campus during the Reconnaissance & Analysis phase. The framework addresses both the open space and building on campus in the future. The four campus characteristics that form the Conceptual Framework are described as:

- Topography
- Arroyo
- Building as Edge
- Building as Retaining

*Perspective rendering of the future campus.*

With the Conceptual Framework and data from the Educational Master Plan, options for campus renovation and growth were developed. Master plan options were generated through a series of workshops with the Master Planning Steering Committee and eventually two planning horizons were created. While a year has been associated with the first horizon, the horizons and projects are envisioned as flexible and should respond to the needs of the college as time progresses.

*Horizon 1 Illustrative Plan*

The following Master Plan represents a vision for the year 2024. Horizon 1 seeks to address the needs of the Educational Plan and reorganize the campus with respect to it's existing development and context. The major projects identified were a consolidated Student Services and Administration building, consolidation/reorganization of Occupational/Vocational Education programs and M&O in the arroyo area of campus as well as a new parking structure. This horizon also incorporates a new Stadium and visitor seating, Aquatics Center, Nursing & Sciences and renovation of Wheelock Gymnasium as projects that are already underway.

A second horizon was developed in the event that the campus exceeds growth projections and represents an idealized vision of the future. Horizon 2 expands on the principles in Horizon 1 and provides a framework for development as Riverside City College continues to be and expand as a premier educational institution for the community. Information regarding Horizon 2 can be found in the Appendix.

*Horizon 2 illustrative plan*

# CONCEPTUAL FRAMEWORK

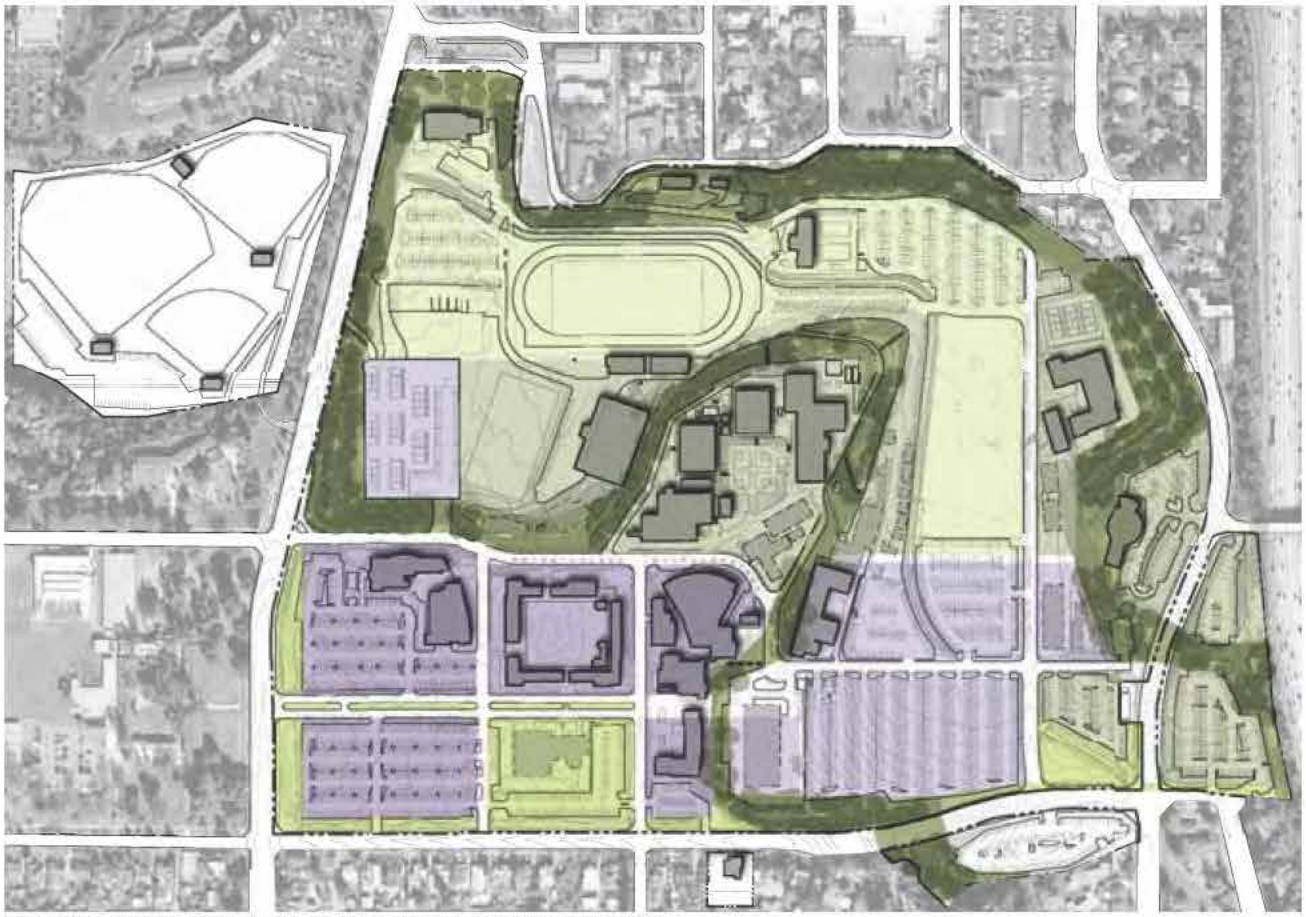


FIGURE 3-1. Conceptual framework diagram showing the existing forces on campus.

0' 250' 500'

# CONCEPTUAL FRAMEWORK

## TOPOGRAPHY

The Topography of the campus is the primary characteristic that represents both a design challenge and opportunity. The master plan acknowledges the campus' setting by allowing the Topography to remain as the primary characteristic of the campus while celebrating it by enhancing the Topography through building organization and landscape.

FIGURE 3-2. Diagram identifying unique campus topography

## ARROYO

The Arroyo is a product of the campus' natural setting and is treated as the collective green space for the campus and its users. The proposed buildings and landscape in the master plan recognize the Arroyo's identity by developing at its periphery when buildings are needed and restoring more appropriate plant species.

FIGURE 3-3. Diagrammed location of the campus arroyo landscape.

# CONCEPTUAL FRAMEWORK

## BUILDING AS EDGE

Building as Edge describes the response for buildings when developing on the upper campus. It emphasizes the existing pattern of development on a city residential street grid even when those streets may have been long since closed to vehicular traffic.

FIGURE 3-4. Building defining edge relating to the existing residential grid

## BUILDING AS RETAINING

Building as Retaining characterizes the response for buildings in the arroyo area. As the college reorganizes existing space and continues to grow, it will need to develop buildings in the arroyo area of campus. The master plan proposes that new buildings give deference to the arroyo by being built at the edges in an effort to preserve the natural setting as an asset for both the campus and community. In some instances the buildings will be sited such that they retain the hillside and further define the edge of the arroyo.

FIGURE 3-5. Building as part of the landscape outlining the arroyo basin

# HORIZON 1 - FACILITIES PLAN


FIGURE 3-6. Horizon 1 - Campus Plan - Future build out

## NEW BUILDINGS

| | |
|---|---|
| A | NURSING & SCIENCES 1 |
| B | NURSING & SCIENCES 2 |
| C | STADIUM |
| D | AQUATICS COMPLEX |
| E | ADMINISTRATION |
| F | STUDENT SERVICES |
| G | COSMETOLOGY |
| H | M&O SHIPPING |
| I | M&O OFFICES |
| J | APPLIED TECH CENTER |
| K | AUTO TECHNOLOGY |
| L | PARKING STRUCTURE |
| M | BAND BUILDING |
| N | MUSIC / LANDIS ADD. |
| O | CAMPUS POLICE/SAFETY |

## EXISTING BUILDINGS

| | |
|---|---|
| 1 | QUADRANGLE |
| 2 | DEMO - STADIUM |
| 3 | RENO - WHEELOCK |
| 4 | DEMO - MAINTENANCE SHOP |
| 5 | DEMO - MAINTENANCE PT SHOP |
| 6 | RENO - (N) ART & CERAMIC |
| 7 | DEMO - TECHNOLOGY B |
| 10 | DEMO - ADMISSIONS/COUNSEL |
| 11 | DEMO - DATA PROCESSING |
| 12 | RENO - LANDIS AUDITORIUM |
| 13 | DEMO - MUSIC BUILDING |
| 14 | DEMO - ART |
| 15 | RENO - HUNTLEY GYM |
| 16 | DEMO - MAIN WAREHOUSE |
| 17 | DEMO - ADMINISTRATION |
| 18 | DEMO - COSMETOLOGY |
| 19 | CUTTER POOL |
| 20 | RENO - (N) CLASSROOM / IT |
| 21 | MLK HIGH TECH CENTER |
| 22 | RENO - (N) BUSINESS ED. |
| 23 | PLANETARIUM |
| 24 | RENO - STUDENT CENTER |
| 26 | DEMO - CERAMICS SCULPTURE |
| 27 | DEMO - ATHLETICS CENTER |
| 28 | DEMO - CAMPUS POLICE/ SAFETY |
| 29 | DEMO - PORTABLE 3 |
| 30 | DEMO - AUTO TECHNOLOGY |
| 31 | RENO - CHILD DEVELOPMENT |
| 32 | DEMO - BUSINESS EDUCATION |
| 33 | DEMO - GREENHOUSE |
| 34 | DEMO - ASSESSMENT |
| 35 | MUSIC HALL |
| 36 | PILATES |
| 37 | DIGITAL LIBRARY |
| 131 | DEMO - NORTH HALL |
| 132 | ALUMNI HOUSE |
| 161 | EVANS SPORTS BUILDINGS |

## LEGEND

- EXISTING BUILDINGS
- NEW BUILDINGS
- RENOVATION

0 30 100 150 300

# BUILDINGS TO REMAIN


FIGURE 3-7. Horizon 1 - Diagram identifying buildings to remain and be demolished

## LEGEND

RECOMMENDED DEMOLITION

## BUILDING LEGEND

| | |
|---|---|
| 1 | QUADRANGLE |
| 2 | STADIUM |
| 3 | WHEELOCK |
| 4 | MAINTENANCE SHOP |
| 5 | MAINTENANCE PT SHOP |
| 6 | TECHNOLOGY A |
| 7 | TECHNOLOGY B |
| 10 | ADMISSIONS/COUNSEL |
| 11 | DATA PROCESSING |
| 12 | LANDIS AUDITORIUM |
| 13 | MUSIC BUILDING |
| 14 | ART |
| 15 | HUNTLEY GYM |
| 16 | MAIN WAREHOUSE |
| 17 | ADMINISTRATION |
| 18 | COSMETOLOGY |
| 19 | CUTTER POOL |
| 20 | LIFE SCIENCE |
| 21 | MLK HIGH TECH CENTER |
| 22 | PHYSICAL SCIENCE |
| 23 | PLANETARIUM |
| 24 | STUDENT CENTER |
| 26 | CERAMICS SCULPTURE |
| 27 | ATHLETICS CENTER |
| 28 | CAMPUS POLICE/SAFETY |
| 29 | PORTABLE 3 |
| 30 | AUTO TECHNOLOGY |
| 31 | CHILD DEVELOPMENT |
| 32 | BUSINESS EDUCATION |
| 33 | GREENHOUSE |
| 34 | ASSESSMENT |
| 35 | MUSIC HALL |
| 36 | PILATES |
| 37 | DIGITAL LIBRARY |
| 131 | NORTH HALL |
| 132 | ALUMNI HOUSE |
| 161 | EVANS SPORTS BUILDINGS |

0' 250' 500'

# FACILITIES PLAN


FIGURE 3-8. Horizon 1 - Campus Master Plan

## HORIZON 1 BUILDINGS

| EXISTING | | NEW | |
|---|---|---|---|
| 1 | QUADRANGLE | A | NURSING & SCIENCES 1 |
| 3 | RENO - WHEELOCK | B | NURSING & SCIENCES 2 |
| 6 | RENO - (N) ART & CERAMIC | C | STADIUM |
| 12 | RENO - LANDIS AUDITORIUM | D | AQUATICS COMPLEX |
| 15 | RENO - HUNTLEY GYM | E | ADMINISTRATION |
| 19 | CUTTER POOL | F | STUDENT SERVICES |
| 20 | RENO - (N) CLASSROOM / IT | G | COSMETOLOGY |
| 21 | MLK HIGH TECH CENTER | H | M&O SHIPPING |
| 22 | RENO - (N) BUSINESS ED. | I | M&O OFFICES |
| 23 | PLANETARIUM | J | APPLIED TECH CENTER |
| 24 | RENO - STUDENT CENTER | K | AUTO TECHNOLOGY |
| 31 | RENO - CHILD DEVELOPMENT | L | PARKING STRUCTURE |
| 35 | MUSIC HALL | M | BAND BUILDING |
| 36 | PILATES | N | MUSIC / LANDIS ADD. |
| 37 | DIGITAL LIBRARY | O | CAMPUS POLICE/SAFETY |
| 132 | ALUMNI HOUSE | | |
| 161 | EVANS SPORTS BUILDINGS | | |

0' 250' 500'

# VEHICULAR CIRCULATION

## HORIZON 1

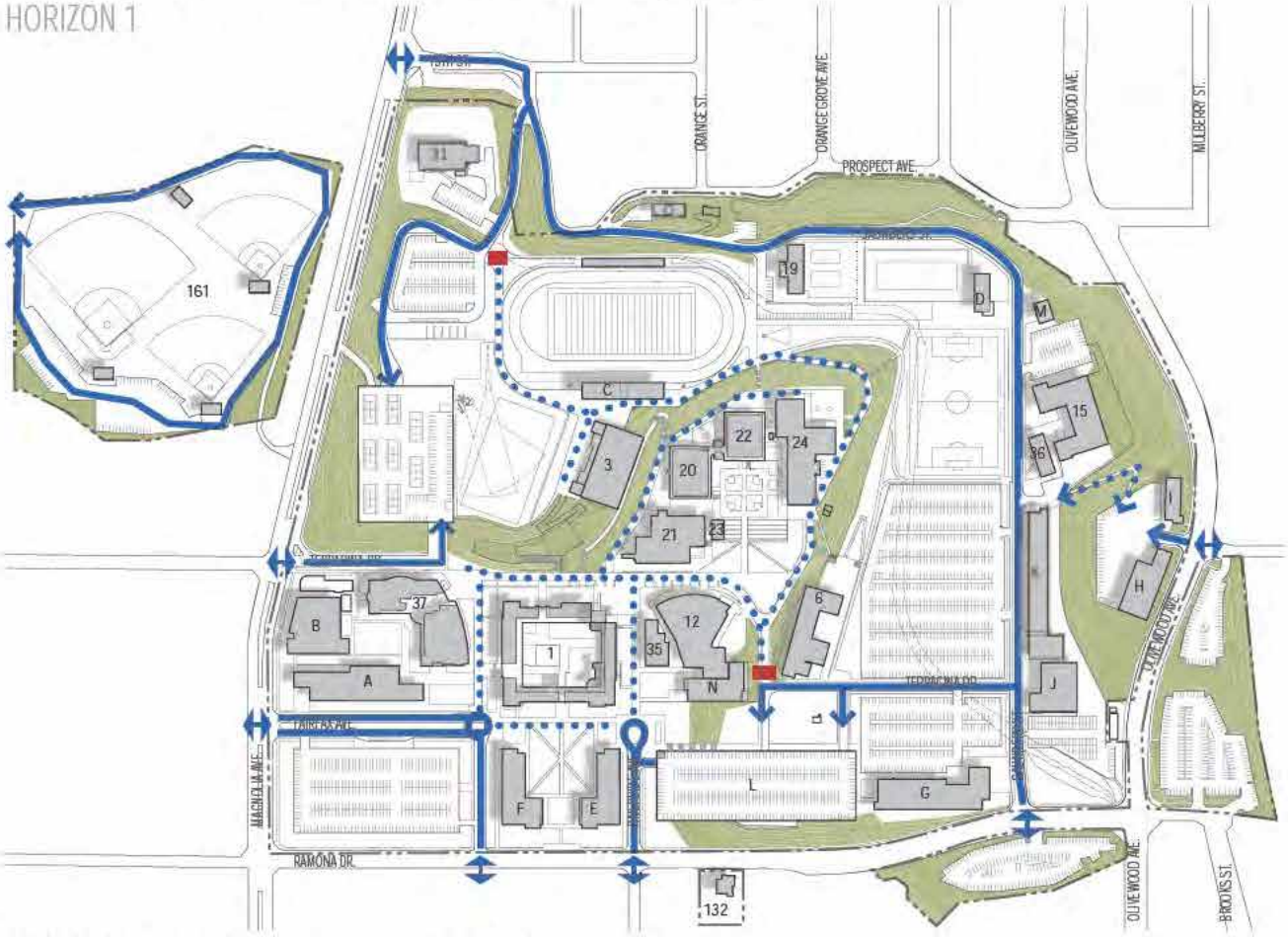



FIGURE 3-9. Horizon 1 - Vehicle and maintenance circulation on campus

## LEGEND

- VEHICULAR
- SERVICE
- BARRIER
- CAMPUS ENTRY

## HORIZON 1 BUILDINGS

| EXISTING | | NEW | |
|---|---|---|---|
| 1 | QUADRANGLE | A | NURSING & SCIENCES 1 |
| 3 | RENO - WHEELOCK | B | NURSING & SCIENCES 2 |
| 6 | RENO - (N) ART & CERAMIC | C | STADIUM |
| 12 | RENO - LANDIS AUDITORIUM | D | AQUATICS COMPLEX |
| 15 | RENO - HUNTLEY GYM | E | ADMINISTRATION |
| 19 | CUTTER POOL | F | STUDENT SERVICES |
| 20 | RENO - (N) CLASSROOM / IT | G | COSMETOLOGY |
| 21 | MLK HIGH TECH CENTER | H | M&O SHIPPING |
| 22 | RENO - (N) BUSINESS ED. | I | M&O OFFICES |
| 23 | PLANETARIUM | J | APPLIED TECH CENTER |
| 24 | RENO - STUDENT CENTER | K | AUTO TECHNOLOGY |
| 31 | RENO - CHILD DEVELOPMENT | L | PARKING STRUCTURE |
| 35 | MUSIC HALL | M | BAND BUILDING |
| 36 | PILATES | N | MUSIC / LANDIS ADD. |
| 37 | DIGITAL LIBRARY | O | CAMPUS POLICE/SAFETY |
| 132 | ALUMNI HOUSE | | |
| 161 | EVANS SPORTS BUILDINGS | | |

0' 250' 500'

# EMERGENCY ACCESS

## HORIZON 1

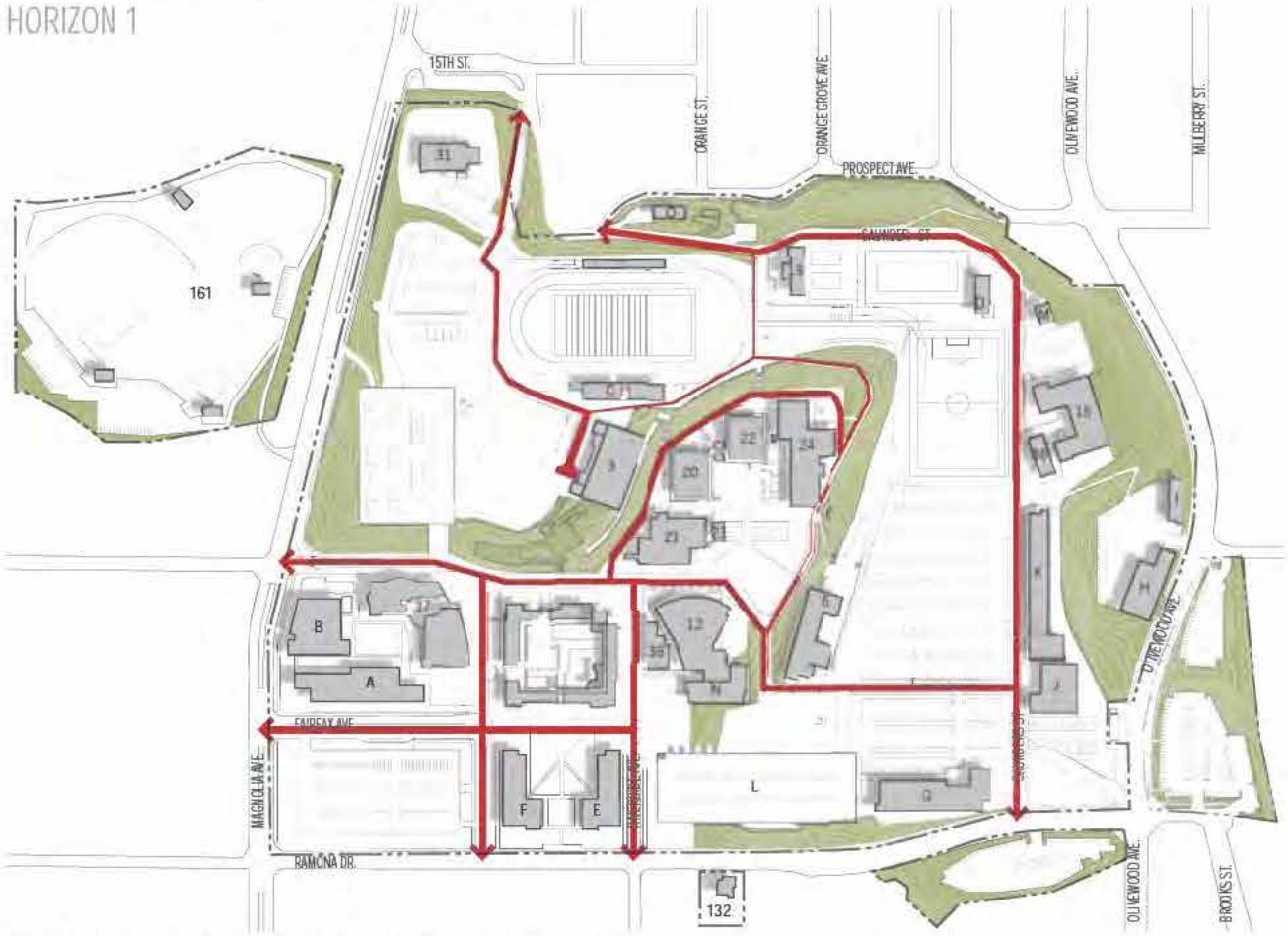



FIGURE 3-10. Horizon 1 - Primary and secondary access for emergency vehicles

## LEGEND

EMERGENCY ACCESS

## HORIZON 1 BUILDINGS

| EXISTING | | NEW | |
|---|---|---|---|
| 1 | QUADRANGLE | A | NURSING & SCIENCES 1 |
| 3 | RENO - WHEELOCK | B | NURSING & SCIENCES 2 |
| 6 | RENO - (N) ART & CERAMIC | C | STADIUM |
| 12 | RENO - LANDIS AUDITORIUM | D | AQUATICS COMPLEX |
| 15 | RENO - HUNTLEY GYM | E | ADMINISTRATION |
| 19 | CUTTER POOL | F | STUDENT SERVICES |
| 20 | RENO - (N) CLASSROOM / IT | G | COSMETOLOGY |
| 21 | MLK HIGH TECH CENTER | H | M&O SHIPPING |
| 22 | RENO - (N) BUSINESS ED. | I | M&O OFFICES |
| 23 | PLANETARIUM | J | APPLIED TECH CENTER |
| 24 | RENO - STUDENT CENTER | K | AUTO TECHNOLOGY |
| 31 | RENO - CHILD DEVELOPMENT | L | PARKING STRUCTURE |
| 35 | MUSIC HALL | M | BAND BUILDING |
| 36 | PILATES | N | MUSIC / LANDIS ADD. |
| 37 | DIGITAL LIBRARY | O | CAMPUS POLICE/SAFETY |
| 132 | ALUMNI HOUSE | | |
| 161 | EVANS SPORTS BUILDINGS | | |

0' 250' 500'

# PARKING

## HORIZON 1


FIGURE 3-11. Horizon 1 - Parking Structure and Surface Parking

## LEGEND

EXISTING LOT

NEW LOT

TOTAL STUDENTS: 24,274

TOTAL PARKING SPACES: 4,772

TOTAL SPACES REQUIRED = 4,855

STUDENTS/PARKING RATIO: 5:1

## HORIZON 1 PARKING

| | | |
|---|---|---|
| LOT B | EXISTING | 369 |
| LOT M | EXISTING | 26 |
| LOT N | EXISTING | 63 |
| LOT O | EXISTING | 8 |
| LOT Q | EXISTING | 130 |
| LOT U | EXISTING | 171 |
| LOT W | EXISTING | 9 |
| EVANS | EXISTING | 161 |
| LOT E | RENO. | 179 |
| LOT G | RENO. | 535 |
| LOT K | RENO. | 34 |
| LOT Y | RENO. | 100 |
| STRUCTURE 2 | NEW | 1105 |
| LOT AA | NEW | 53 |
| AUTO STORAGE | NEW | 80 |
| M&O STORAGE | NEW | 35 |

SEE APPENDIX D FOR PARKING PHASING STUDY AND CORRESPONDING IMPACTS

0' 250' 500'

# PEDESTRIAN CIRCULATION

## HORIZON 1

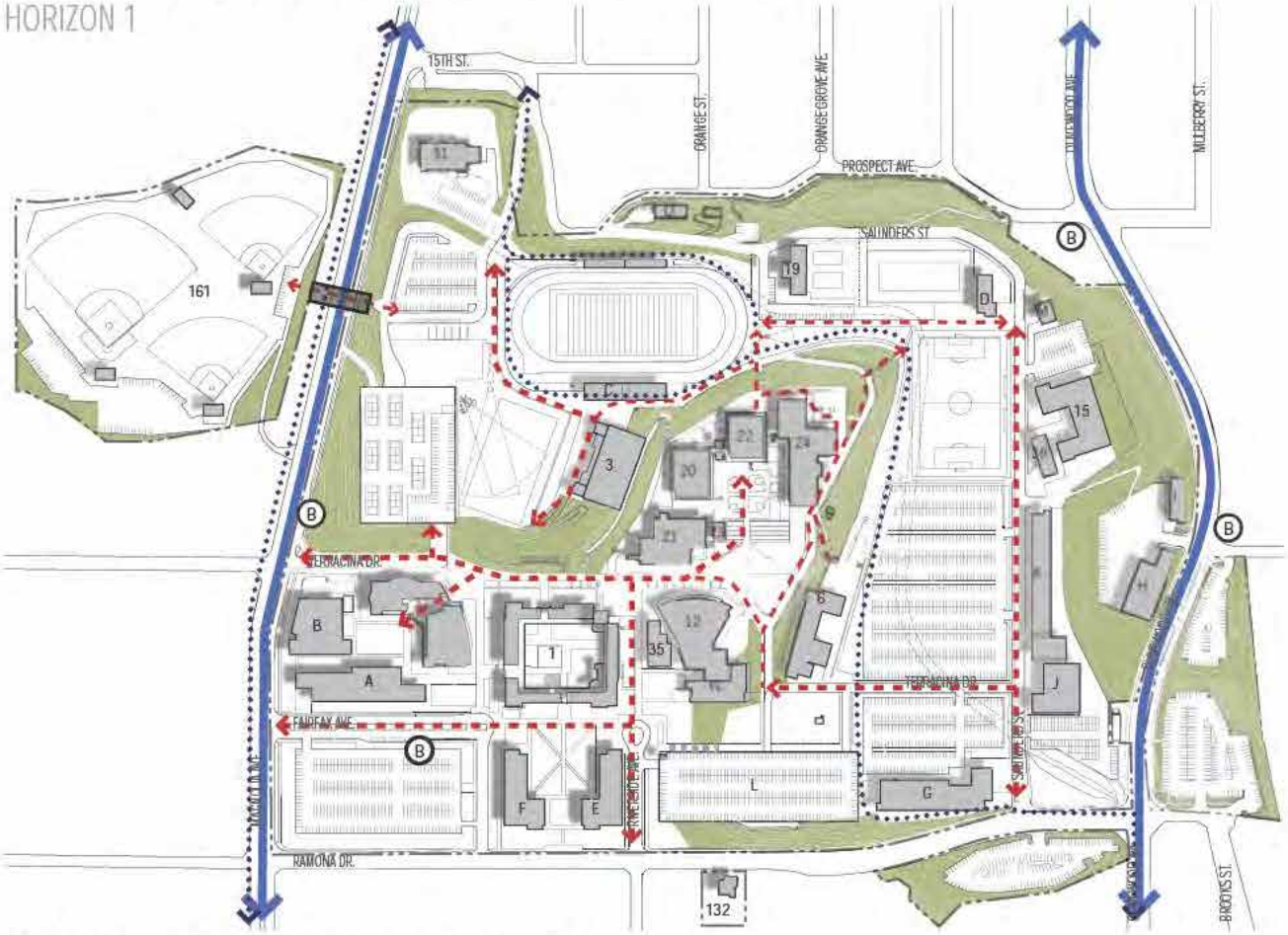



FIGURE 3-12. Horizon 1 - Pedestrian circulation on campus and bus stop location

## LEGEND

- PEDESTRIAN
- TUNNEL
- BUS STOP
- BUS ROUTE
- BICYCLE LANE

## HORIZON 1 BUILDINGS

| EXISTING | | NEW | |
|---|---|---|---|
| 1 | QUADRANGLE | A | NURSING & SCIENCES 1 |
| 3 | RENO - WHEELOCK | B | NURSING & SCIENCES 2 |
| 6 | RENO - (N) ART & CERAMIC | C | STADIUM |
| 12 | RENO - LANDIS AUDITORIUM | D | AQUATICS COMPLEX |
| 15 | RENO - HUNTLEY GYM | E | ADMINISTRATION |
| 19 | CUTTER POOL | F | STUDENT SERVICES |
| 20 | RENO - (N) CLASSROOM / IT | G | COSMETOLOGY |
| 21 | MLK HIGH TECH CENTER | H | M&O SHIPPING |
| 22 | RENO - (N) BUSINESS ED. | I | M&O OFFICES |
| 23 | PLANETARIUM | J | APPLIED TECH CENTER |
| 24 | RENO - STUDENT CENTER | K | AUTO TECHNOLOGY |
| 31 | RENO - CHILD DEVELOPMENT | L | PARKING STRUCTURE |
| 35 | MUSIC HALL | M | BAND BUILDING |
| 36 | PILATES | N | MUSIC / LANDIS ADD. |
| 37 | DIGITAL LIBRARY | O | CAMPUS POLICE/SAFETY |
| 132 | ALUMNI HOUSE | | |
| 161 | EVANS SPORTS BUILDINGS | | |

0' 250' 500'

# OPEN SPACES

## HORIZON 1


FIGURE 3-13. Horizon 1 - The Promenade, The Lawn, and Interpretive Walk

### LEGEND

- SLOPESCAPE
- QUAD
- PLAZA
- PROMENADE
- RIPARIAN

### HORIZON 1 BUILDINGS

| EXISTING | | NEW | |
|---|---|---|---|
| 1 | QUADRANGLE | A | NURSING & SCIENCES 1 |
| 3 | RENO - WHEELOCK | B | NURSING & SCIENCES 2 |
| 6 | RENO - (N) ART & CERAMIC | C | STADIUM |
| 12 | RENO - LANDIS AUDITORIUM | D | AQUATICS COMPLEX |
| 15 | RENO - HUNTLEY GYM | E | ADMINISTRATION |
| 19 | CUTTER POOL | F | STUDENT SERVICES |
| 20 | RENO - (N) CLASSROOM / IT | G | COSMETOLOGY |
| 21 | MLK HIGH TECH CENTER | H | M&O SHIPPING |
| 22 | RENO - (N) BUSINESS ED. | I | M&O OFFICES |
| 23 | PLANETARIUM | J | APPLIED TECH CENTER |
| 24 | RENO - STUDENT CENTER | K | AUTO TECHNOLOGY |
| 31 | RENO - CHILD DEVELOPMENT | L | PARKING STRUCTURE |
| 35 | MUSIC HALL | M | BAND BUILDING |
| 36 | PILATES | N | MUSIC / LANDIS ADD. |
| 37 | DIGITAL LIBRARY | O | CAMPUS POLICE/SAFETY |
| 132 | ALUMNI HOUSE | | |
| 161 | EVANS SPORTS BUILDINGS | | |

0' 250' 500'

# CAMPUS PUBLIC SPACE

## HORIZON 1

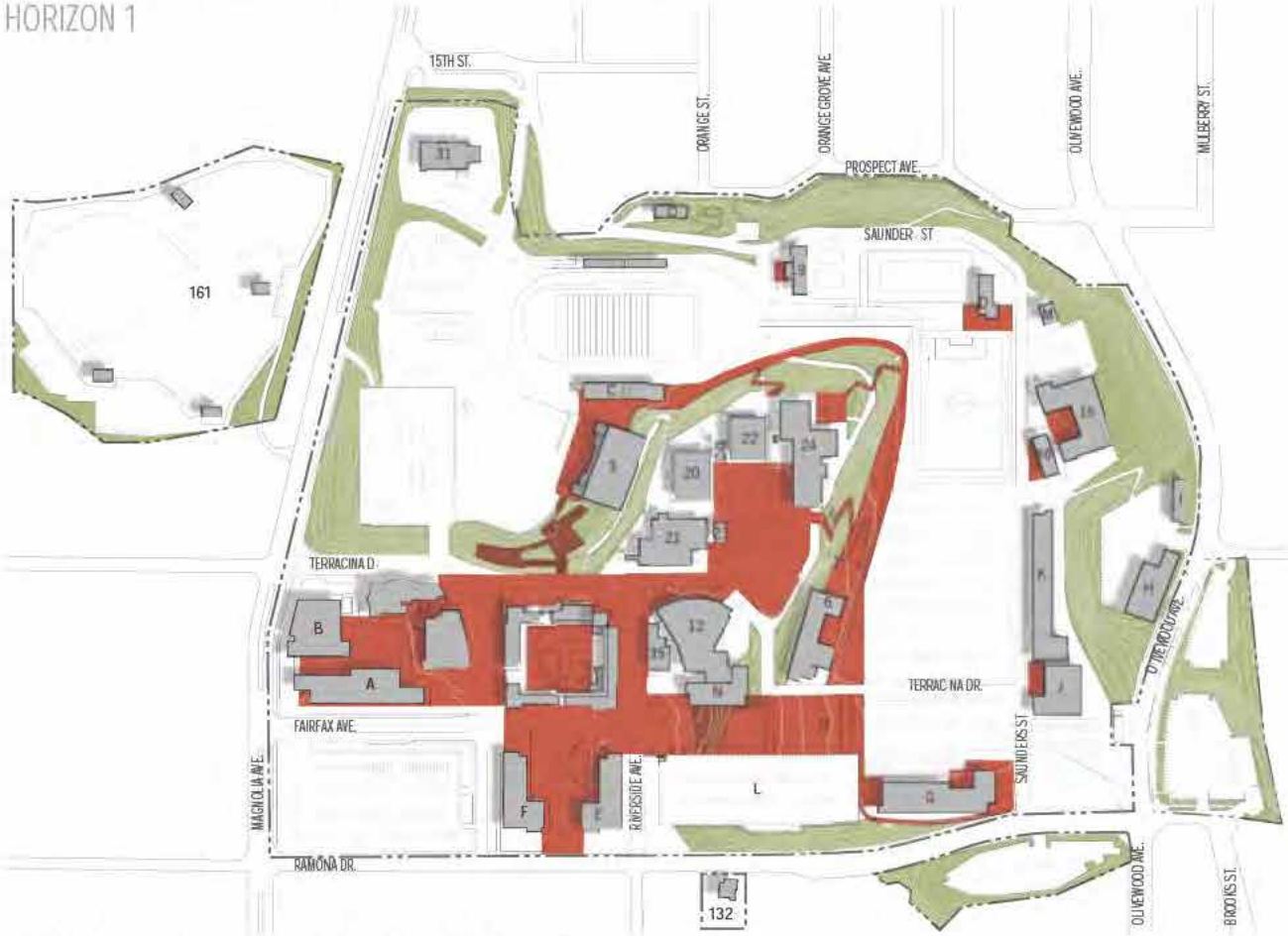



FIGURE 3-14. Horizon 1 - Campus spaces accessible to the academic and public community

## LEGEND

CAMPUS PUBLIC SPACE

## HORIZON 1 BUILDINGS

| EXISTING | | NEW | |
|---|---|---|---|
| 1 | QUADRANGLE | A | NURSING & SCIENCES 1 |
| 3 | RENO - WHEELOCK | B | NURSING & SCIENCES 2 |
| 6 | RENO - (N) ART & CERAMIC | C | STADIUM |
| 12 | RENO - LANDIS AUDITORIUM | D | AQUATICS COMPLEX |
| 15 | RENO - HUNTLEY GYM | E | ADMINISTRATION |
| 19 | CUTTER POOL | F | STUDENT SERVICES |
| 20 | RENO - (N) CLASSROOM / IT | G | COSMETOLOGY |
| 21 | MLK HIGH TECH CENTER | H | M&O SHIPPING |
| 22 | RENO - (N) BUSINESS ED. | I | M&O OFFICES |
| 23 | PLANETARIUM | J | APPLIED TECH CENTER |
| 24 | RENO - STUDENT CENTER | K | AUTO TECHNOLOGY |
| 31 | RENO - CHILD DEVELOPMENT | L | PARKING STRUCTURE |
| 35 | MUSIC HALL | M | BAND BUILDING |
| 36 | PILATES | N | MUSIC / LANDIS ADD. |
| 37 | DIGITAL LIBRARY | O | CAMPUS POLICE/SAFETY |
| 132 | ALUMNI HOUSE | | |
| 161 | EVANS SPORTS BUILDINGS | | |

0' 250' 500'

# LANDSCAPE ELEMENTS

## HORIZON 1

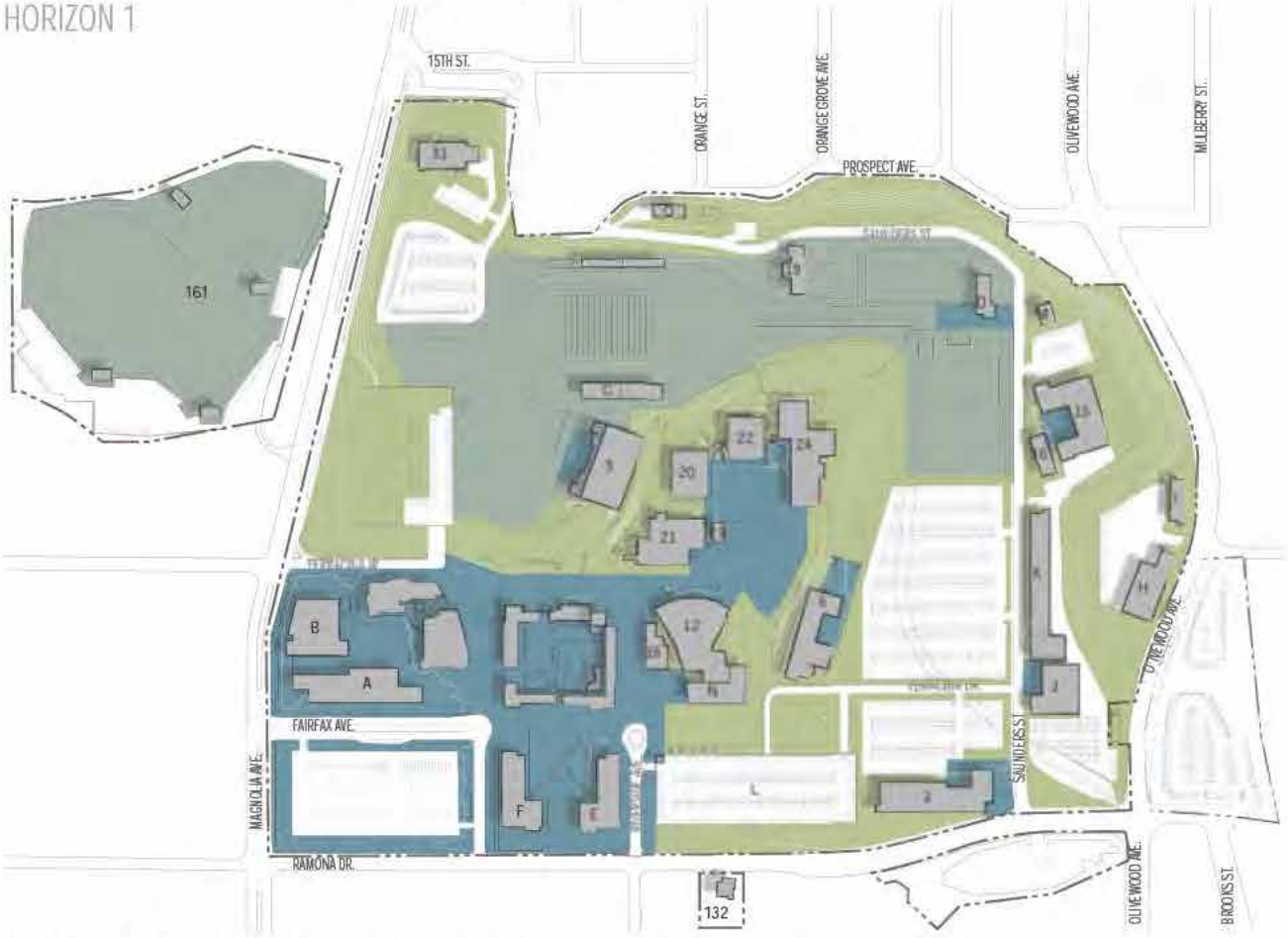



FIGURE 3-15. Horizon 1 - Location of planting types that contribute to a formal, informal or recreational campus identity

## LEGEND

- FORMAL
- TRANSITIONAL
- RECREATION AREAS

FORMAL - Around center of campus, quantity of site furnishings increases

TRANSITIONAL - Areas outside center of campus, quantity of site furnishings decreases

RECREATION - Site furnishings cater to activities- such as picnic tables and lighting for sports events at night

## HORIZON 1 BUILDINGS

| EXISTING | | NEW | |
|---|---|---|---|
| 1 | QUADRANGLE | A | NURSING & SCIENCES 1 |
| 3 | RENO - WHEELOCK | B | NURSING & SCIENCES 2 |
| 6 | RENO - (N) ART & CERAMIC | C | STADIUM |
| 12 | RENO - LANDIS AUDITORIUM | D | AQUATICS COMPLEX |
| 15 | RENO - HUNTLEY GYM | E | ADMINISTRATION |
| 19 | CUTTER POOL | F | STUDENT SERVICES |
| 20 | RENO - (N) CLASSROOM / IT | G | COSMETOLOGY |
| 21 | MLK HIGH TECH CENTER | H | M&O SHIPPING |
| 22 | RENO - (N) BUSINESS ED. | I | M&O OFFICES |
| 23 | PLANETARIUM | J | APPLIED TECH CENTER |
| 24 | RENO - STUDENT CENTER | K | AUTO TECHNOLOGY |
| 31 | RENO - CHILD DEVELOPMENT | L | PARKING STRUCTURE |
| 35 | MUSIC HALL | M | BAND BUILDING |
| 36 | PILATES | N | MUSIC / LANDIS ADD. |
| 37 | DIGITAL LIBRARY | O | CAMPUS POLICE/SAFETY |
| 132 | ALUMNI HOUSE | | |
| 161 | EVANS SPORTS BUILDINGS | | |

0' 250' 500'

# HARDSCAPE

## HORIZON 1


FIGURE 3-16. Horizon 1 - Heat Island diagram identifying campus zones which contribute to an excess of radiated heat

## LEGEND

EXPOSED ASPHALT & CONCRETE

TREE COVERAGE

Exposed asphalt and concrete shown above diagrams the ratio of hardscape to campus area. The orange illustrates constructed surfaces able to retain solar radiation contributing to a Heat Island effect. This phenomenon describes the difference of an urban temperature ranging from 2 to 10°F hotter than nearby rural areas. Elevated temperatures can impact the campus through increased energy demands, air conditioning costs and heat-related illness. A few methods to midigate these impacts include installation of cool or vegetated green roofs, planting trees and vegetation, switching to cool hardscape materials.

For more information see Section 4, Sustainability guidelines and www.epa.gov/heatisland.

## HORIZON 1 BUILDINGS

| EXISTING | | NEW | |
|---|---|---|---|
| 1 | QUADRANGLE | A | NURSING & SCIENCES 1 |
| 3 | RENO - WHEELOCK | B | NURSING & SCIENCES 2 |
| 6 | RENO - (N) ART & CERAMIC | C | STADIUM |
| 12 | RENO - LANDIS AUDITORIUM | D | AQUATICS COMPLEX |
| 15 | RENO - HUNTLEY GYM | E | ADMINISTRATION |
| 19 | CUTTER POOL | F | STUDENT SERVICES |
| 20 | RENO - (N) CLASSROOM / IT | G | COSMETOLOGY |
| 21 | MLK HIGH TECH CENTER | H | M&O SHIPPING |
| 22 | RENO - (N) BUSINESS ED. | I | M&O OFFICES |
| 23 | PLANETARIUM | J | APPLIED TECH CENTER |
| 24 | RENO - STUDENT CENTER | K | AUTO TECHNOLOGY |
| 31 | RENO - CHILD DEVELOPMENT | L | PARKING STRUCTURE |
| 35 | MUSIC HALL | M | BAND BUILDING |
| 36 | PILATES | N | MUSIC / LANDIS ADD. |
| 37 | DIGITAL LIBRARY | O | CAMPUS POLICE/SAFETY |
| 132 | ALUMNI HOUSE | | |
| 161 | EVANS SPORTS BUILDINGS | | |

0' 250' 500'

# LANDSCAPE

# OVERVIEW

At the beginning of the 21st century, we are a society that is seeking connection; in an academic setting these connections come in the form of relationships between people and the environments that they live, work and play in. The framework of a college campus becomes one of the few venues where a pure expression of this connection is possible. At Riverside City College, this connection will be realized through the redevelopment of an open space system that introduces new landscape typologies. These treatments integrate and weave together the existing buildings and associated campus courtyards, with new campus developments over the life of the master plan.

*Science quad, Riverside City College /Riverside, California*

Riverside City College has a unique opportunity to establish a strong campus identity and experience that draws on its existing heritage. The redevelopment of the campus through the lens of open space connections and new landscape typologies will serve to enhance this heritage while symbolizing a vision of the future.

The landscape master plan for Riverside City College addresses two very different campus areas. At the broadest level, the landscape master plan emphasizes the campus structure of a formal landscape that occurs at the upper part of the campus, a restorative approach to the landscape along the slope and a lower landscape that recalls an historic arroyo environment along the lower campus.

*Gabion Wall, Kunming Eco Community/ Kunming, China*

Finally, the landscape master plan for Riverside City College is a master plan of possibilities. As the implementation of the various projects becomes realized, so to does the potential for campus need to change and adjust. The landscape master plan for Riverside City College is designed with flexibility in mind and will accommodate the existing issues of the campus while adsorbing new program and activities as the campus evolves.

*Fine Arts Museum, Lake Como/ Lake Como, Italy*

# GOALS

The landscape master plan for Riverside City College is as practical as it is visionary. To fully realize a campus master plan, designers and planners must have a clear set of goals that establish an overall landscape structure, creative direction and programming. The landscape master plan followed the following set of master plan goals:

***ESTABLISH* a campus identity with a strong landscape expression.**

Harvard Yard, Stanford Quad and many other institutions have an identifiable campus landscape expression. Riverside will use a system of landscape spaces along with a commitment to regionally native trees to create its own campus identity that will be a memory for future users to enjoy.

***CLARIFY* a circulation system and public open space on campus.**

Through the use of good landscape site planning and selection of modern urban design elements, the landscape master plan brings clarity to pedestrian and vehicular circulation as well as open spaces that these systems connect. An understandable sequence of how a first time visitor enters the college through the Formal Entry versus how everyday users access the campus off Magnolia Avenue and Terracina Drive help to understand the physical quality of street widths, tree plantings and sidewalks.

***INTRODUCE* new landscape typologies that integrate with the distinct character and function of the existing successful open spaces.**

The landscape master plan plays off the courtyards throughout the campus today and introduces a new set of landscape typologies to create a more comprehensive system. The Campus Promenade is a connective open space piece that integrates the western parking garage, Nursing & Sciences Building, and the Quadrangle with the proposed Campus Amphitheater at the eastern edge of the upper campus. Related to the Campus Promenade, and found else where on campus, is the development of steps that open views, create

*Stanford Yard, Stanford /Palo Alto, California*

*Jacaranda lined street /Beverly Hills, California*

*Public lawn , Civic Plaza /Seattle, Washington*

# GOALS

small parks and provide easy access connecting activities between the upper and lower landscape. The Lawn works with the Quadrangle Building to establish a picturesque landscape image for the campus while providing a space that is flexible and open for the campus users and adjacent residents of the Wood Streets Community. The campus connectors work to create a pedestrian environment north and south throughout the campus. Finally, the interpretive park is a multi-functional open space in the lower campus that seeks to play a role in sustainability. There is even the possibility of opening a drainage corridor in the parkway to operate as a cleansing mechanism for stormwater runoff."

***PROMOTE* a sustainable campus landscape.**

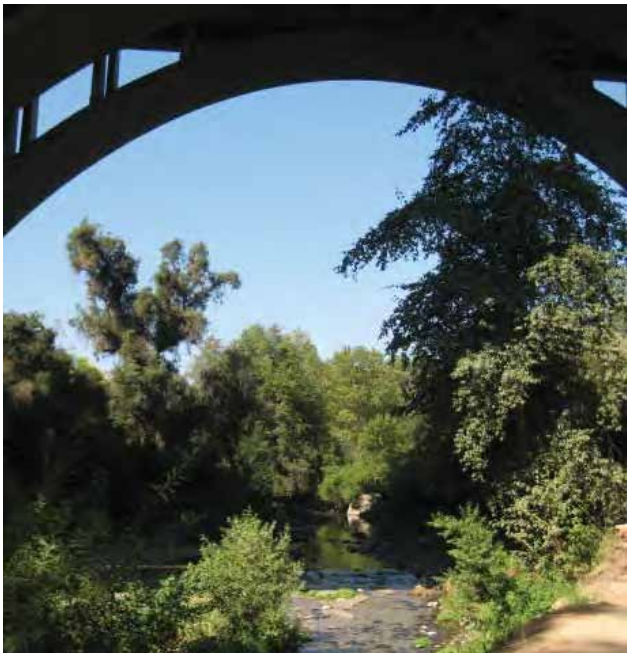
Use of native or drought tolerant plant material can lead to a substantial decrease in the amount of water used throughout campus. In addition to migrating from non-native water intensive plantings across the landscape, the strategy for lawns will be to concentrate them into areas that are most heavily used. Sustainable strategies also find a role in parking lots, here canopy cover from shade trees reduce urban heat island effect as well as in the drainage of surface stormwater. Bioswales will work with interpretive signage programs to reduce the need for hydrologic infrastructure in some cases.

***EMPHASIZE* the unique geologic conditions of the campus.**

The Riverside City College context sits in a broad bend of a historic arroyo. Inherent to this is the presence of slopes that have beautiful form and support a particular planting palette. The landscape master plan aggressively, but practically, re-establishes the plant types in the lower campus to recall the arroyo landscape through use of canopy species such as sycamore, white alder, and willow. At the same time, slope planting will migrate from eucalyptus to more stable native plantings such as Oaks to secure the slope and contribute to the campus identity.

*Dry creek, Jeffrey Open Space/Irvine, California*

*Parking swales, California Endowment /Los Angeles, California*



*Riparian stream, Arroyo Seco /Pasadena, California*

# LANDSCAPE PLACES

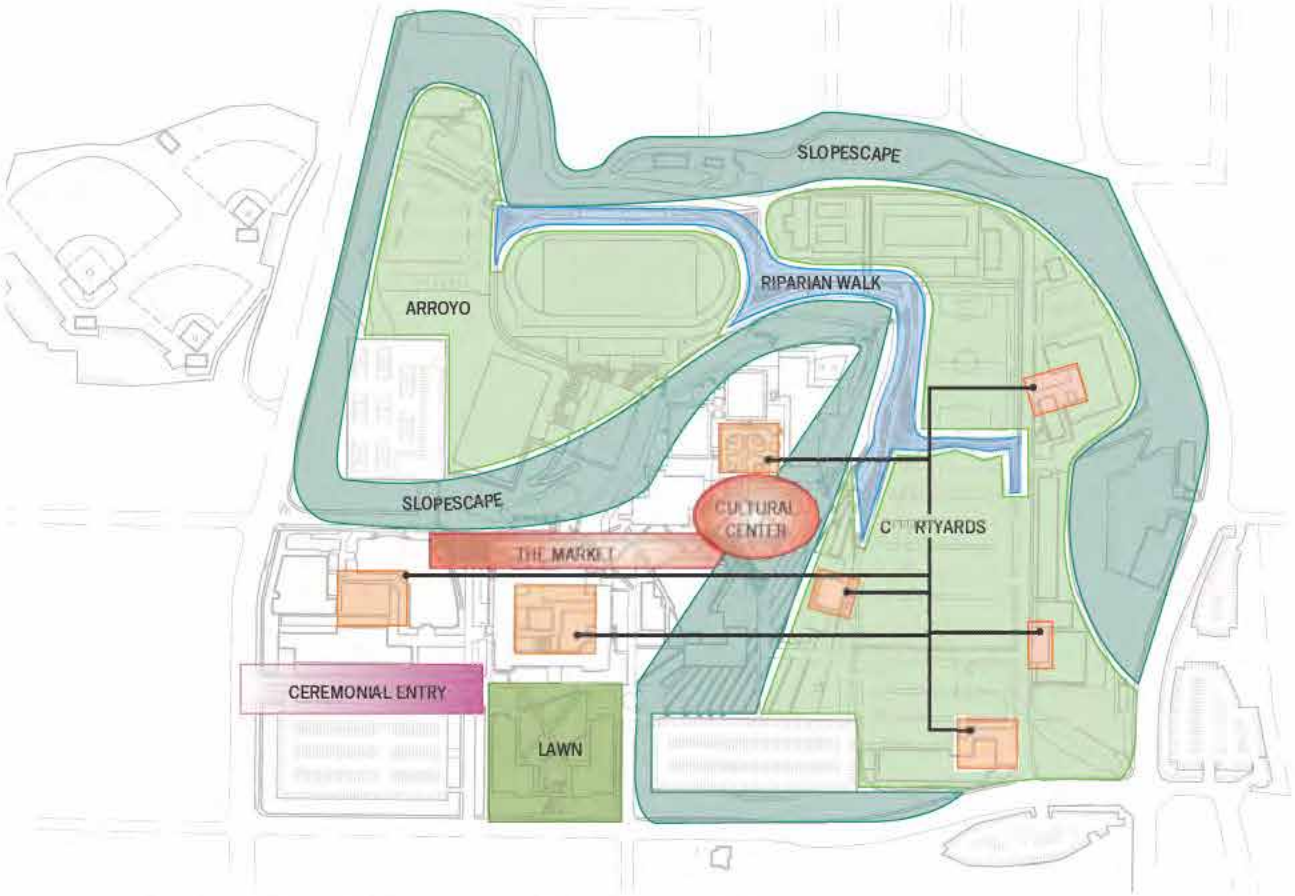



FIGURE 3-17. Landscape Places diagramatically shows the prominent campus zones for Horizon 1

# HORIZON 1 - LANDSCAPE PLAN


FIGURE 3-18. Landscape Plan locates the prominent landscapes within Horizon 1 illustrated plan

# CEREMONIAL ENTRY

A formal introduction to the campus will most likely begin at the ceremonial entry. During the flowering season, visitors will be in awe at the tree lined Fairfax Avenue, vivid with shades of purple and pink. With the historic Quadrangle as a backdrop, this view will create a lasting impression to anyone that visits.

*Jacaranda lined street /Beverly Hills, California*

## ACTIVITIES

The ceremonial entry is primarily used as a vehicular and pedestrian entrance to the campus. Other uses include:

-Seating under shade trees

-Walking

-Drop-off and meeting point

*Tree covered street, Albany historic district /Albany, Georgia*

FIGURE 3-19. Ceremonial Campus Entry

# CEREMONIAL ENTRY

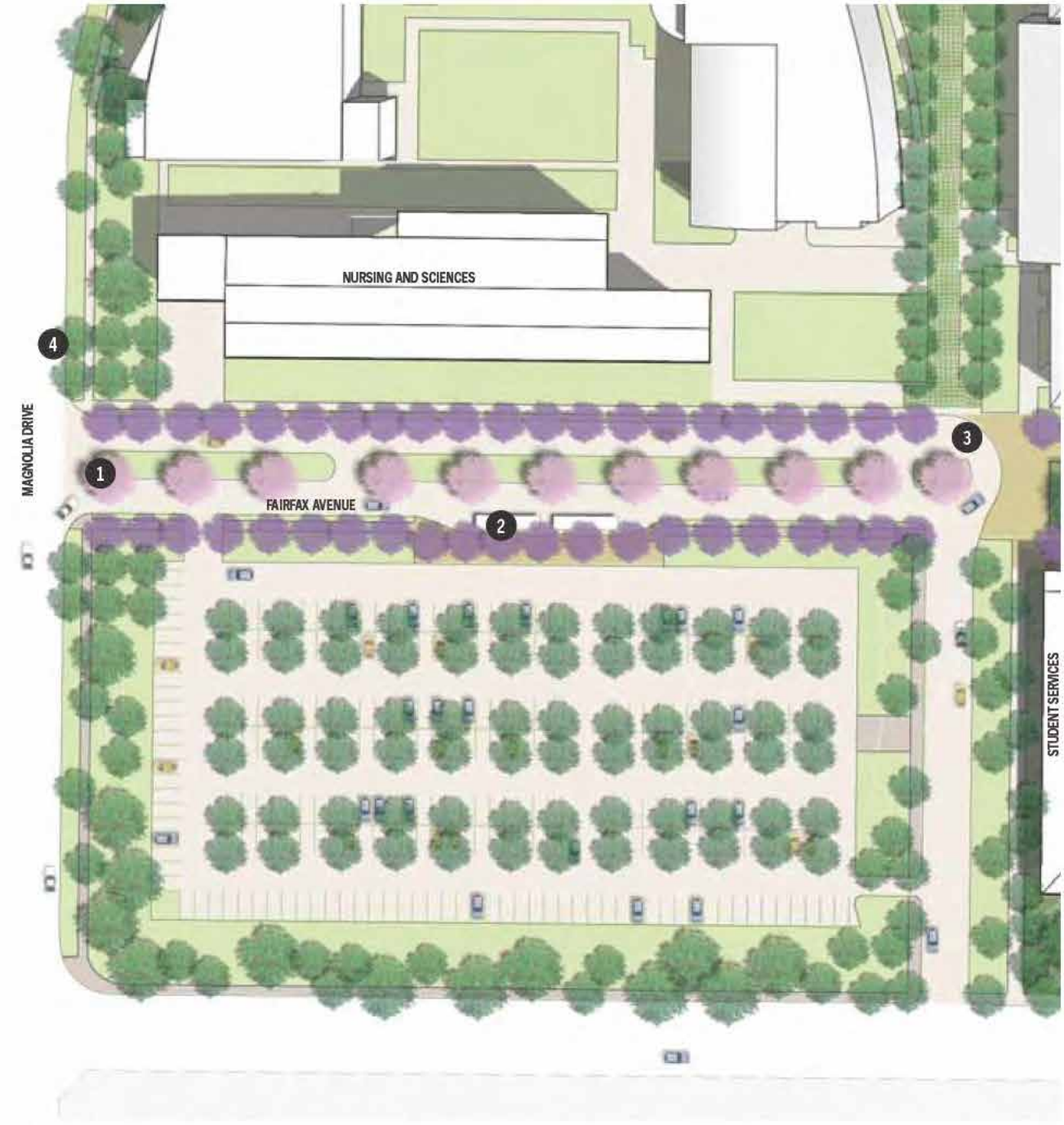



FIGURE 3-20. Slopescape garden transects the hillside while creating retreats for visitors

## LEGEND

1 FLOWERING TREE LINED STREET
2 DROP OFF PLAZA
3 ROUND ABOUT
4 FORMAL ENTRANCE TREES

0' 50' 100'

# THE LAWN

To celebrate the historic Quadrangle, The Lawn is designed to maintain views from the surrounding community. This great open space serves as place for gathering, recreation, and passage between classes. Shaded seating areas adjacent to the administration and student services will be a comfortable place to enjoy lunch outdoors.

*The Quad, University of Illinois /Chicago, Illinois*

## ACTIVITIES

Activities include and are not limited to:

-Sitting for lunch

-Lounging on the lawn

-Frisbee and other recreational activities

-Passage between classes

*PCC Lawn, Pasadena City College/ Pasadena, California*

FIGURE 3-21. The City College's Formal Lawn

# THE LAWN

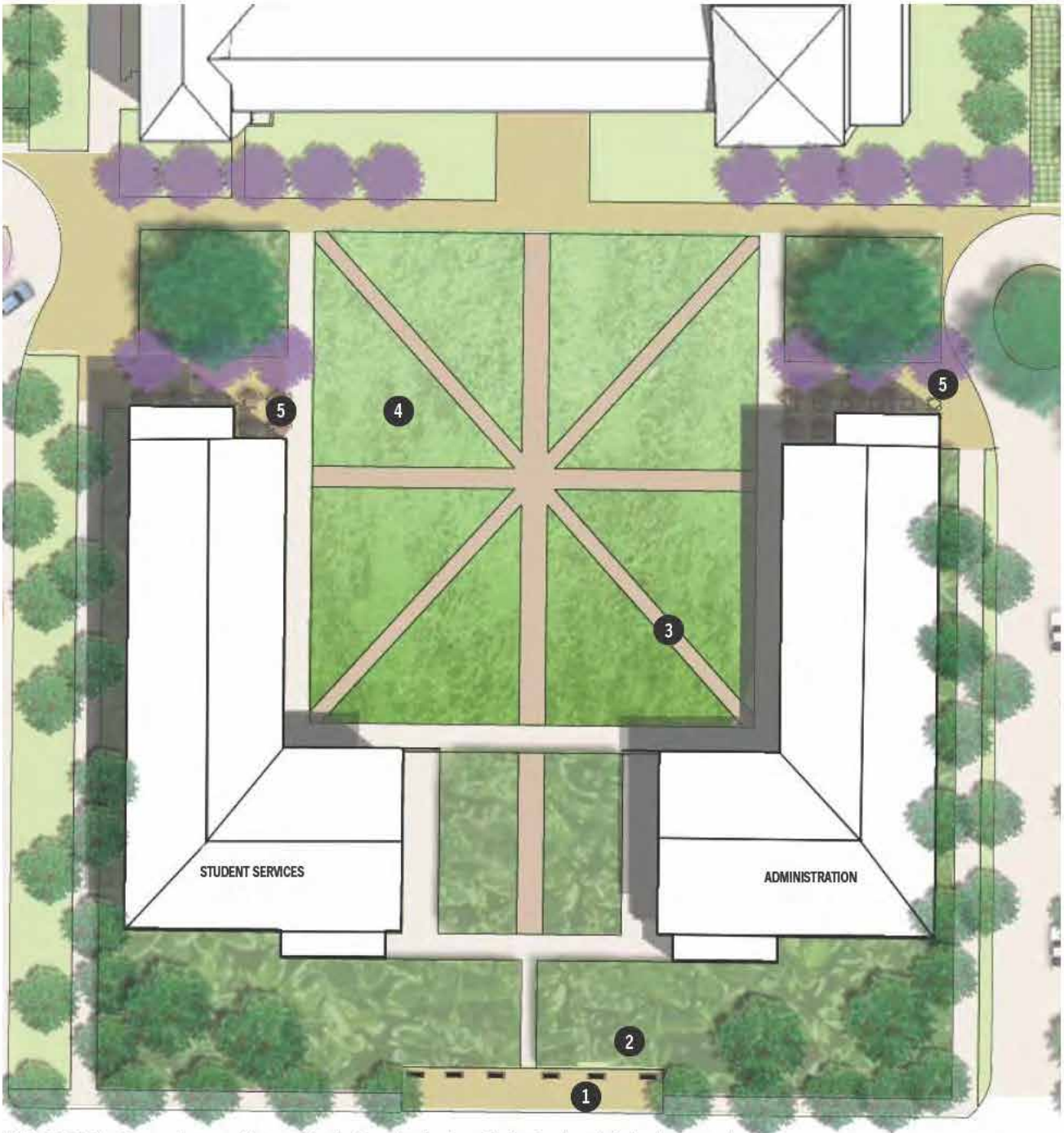



FIGURE 3-22. The Campus Lawn provides a setting for formal gatherings with the Quadrangle in the background

## LEGEND

| | |
|---|---|
| 1 | ENTRANCE COURT |
| 2 | FORMAL TERRACED PLANTINGS |
| 3 | CROSS WALK ACCENT PATHS |
| 4 | GREAT LAWN |
| 5 | SEATING PLAZA |

0' 30' 60'

# COURTYARDS & PLAZAS

The basis for the courtyard landscape is inspired directly from the existing tree covered space southwest of the student services. The broad camphor branches and flowering shrubs create a comfortable and fragrant retreat. The scale of the courtyards is smaller than most spaces on campus, creating quaint gardens for each of the buildings.

*Entry plaza, Scripps College Residence Hall /Claremont, California*

## ACTIVITIES

Activities can be, but are not limited to:

-Group meetings

-Lunch

-Socialization

-Studying

-Sculpture installations

*Sculpture garden, Louvre /Paris, France*

FIGURE 3-23. Courtyard and Plaza locations about the campus

# COURTYARDS & PLAZAS


FIGURE 3-24. Courtyard enlargements illustrate the various forms and scales of the gathering spaces

## LEGEND

| | |
|---|---|
| 1 | RECENT COURTYARD RENNOVATION |
| 2 | SUCCESSFUL CAMPUS COURTYARD |
| 3 | SCULPTURE GARDEN |
| 4 | COSMETOLOGY GATHERING SPACE |

0' 50' 100'

# SLOPESCAPE

The Tesquesite Creek carved out the Riverside City College landscape, leaving remnants of an arroyo and a surrounding, densely vegetated slope. The slopescape landscape is characterized by dense, dark green canopy, appearing undisturbed from above. Below, students will traverse through the forest by means of ramps, steps, and elevated walkways. Slopescape gardens dotting the hillside will serve as a respite between classes and overlooks into the arroyo.

## ACTIVITIES

Circulation and retreat are the primary uses of the slopescape landscape. Students, faculty, and the community will have the opportunity to enjoy the slopescape in the following ways:

-Study in the garden seating areas

-Learn about native hillside plants

-Retreat from the busier parts of campus

-Cool off in the shade

-Traverse to the lower area of campus

-View the arroyo from lookout points

*Campus Entrance, UCLA /Los Angeles, California*

*Regus crest stairway, Regus Crest Golf Course/ Tokyo, Japan*

FIGURE 3-25. The campus's vast Slopescape

# SLOPESCAPE


FIGURE 3-26. Slopescape garden transects the hillside while creating retreats for visitors

## LEGEND

1 OVERLOOK STAIRS AND ELEVATOR
2 WOODLAND GATHERING TERRACE
3 OAK GROVE GARDEN
4 SLOPESCAPE RAMP

0' 60' 120'

# ARROYO

Carved out by the naturally occurring Tequesquite Creek, the Arroyo is a low lying area where riparian vegetation occurs due to the inherent moisture from the creek. Though this lower area today includes several athletic facilities and parking lots, the intent is to restore and mimic the once lush and bright green canopy that historically occurred. Water infiltration and cleansing will also be a priority throughout and in between the program areas.

## ACTIVITIES

Activities in the arroyo will include:

-Sports

-Parking

-Water infiltration through bio-swales

-Shade

*parking lot swale, Veritas Campus II /Milpitas, California*

*parking bosque, Hyatt Regency Gainey Ranch /Scottsdale, Arizona*

FIGURE 3-27. Arroyo extents

# ARROYO


FIGURE 3-28. Slopescape garden transects the hillside while creating retreats for visitors

## LEGEND

1 PARKING BIO SWALES
2 NATIVE TREE CANOPY
3 TESQUESITE CREEK

0' 150' 300'

# RIPARIAN WALK

The riparian walk celebrates the Tesquesite Creek by allowing low flows from the existing culvert to infiltrate a designated landscape. This diversion provides water for native riparian vegetation to grow at the tow of the slope. An interpretive path, made of recycled rubber, encourages students, faculty, and community members to enjoy the outdoors and participate in communal exercise. Signage along the path will inform visitors on a variety of sustainable landscapes, such as native plants and water systems.

*Bridge overpass, Shady Canyon /Irvine, California*

## ACTIVITIES

Multifaceted events and activities will occur along the riparian walk. Visitors will have the opportunity to:

-Exercise on the trail

-Enjoy birds and other wildlife that visit the stream

-Learn about riparian habitats, water cleansing and infiltration, the Tesquesite Arroyo, and use of recycled materials

-Study amongst nature

*Arroyo, The Getty /Los Angeles, California*

FIGURE 3-29. Riparian walk extents

# RIPARIAN WALK


FIGURE 3-30. Slopescape garden transects the hillside while creating retreats for visitors

## LEGEND

| | |
|---|---|
| 1 | DRY CREEK LOOKOUT AND INTERPRETIVE CENTER |
| 2 | LOW FLOW CREEK DIVERSION |
| 3 | RECYCLED RUBBER EXERCISE PATH |
| 4 | GABION GARDEN WALL |
| 5 | FOOT BRIDGE |
| 6 | WETLAND INFILTRATION BASIN |

0' 50' 100'

# THE PROMENADE

At the heart of the campus, a paved and tree lined spine connects the east and west campus. The Promenade is a fluid space that encourages events such as campus fairs and outdoor sales. With students traveling to and from, booths lining the walk, and gatherings in the open spaces, this is a nexus of exciting campus activity. Plazas for welcoming and opening views to the historic clock tower make this a unique space on campus.

## ACTIVITIES

Activities happening in The Promenade can be:

-Club booths

-Sales events; posters, baked goods, etc.

-Gathering

-Keeping cool by the fountain

-Strolling to and from class

-Reading a book outside the library

*UNIVERSITY PROMENADE, JOHNSON AND WHALES UNIVERSITY / PROVIDENCE, RI*

*Intersecting pathways, Tokyo University /Tokyo, Japan*

FIGURE 3-31. The Promenade - an active campus thoroughfare

# THE CAMPUS PROMENADE


FIGURE 3-32. The promenade enlargement shows the dynamic backbone of the campus linking visitors to various public spaces

## LEGEND

1 ACADEMIC ARRIVAL COURT
2 ACCENT CROSSWALKS
3 LINEAR PAVING FIELD
4 CLOCK TOWER PLAZA AND FOUNTAINS
5 MAPLE ALLEE

0' 30' 60'

# SLOPESCAPE GARDEN

FIGURE 3-33. The Slopescape Garden celebrates a grand circulation between the athletic fields and Quadrangle

# CULTURAL CENTER

FIGURE 3-34. Cultural Center at the terminus of the Promenade creates flexible space for a variety of use

# RIPARIAN WALK

FIGURE 3-35. The Riparian Walk combines nature, exercise and escape from the daily campus activities

# HORIZON 2 - CAMPUS AERIAL


## EXISTING BUILDINGS

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | QUADRANGLE | 19 | DEMO - CUTTER POOL | 24 | DEMO - STUDENT CENTER | 132 | ALUMNI HOUSE | D | AQUATICS COMPLEX | J | APPLIED TECH CENTER |
| 3 | DEMO - WHEELOCK | 20 | DEMO - CLASSROOM / IT | 31 | CHILD DEVELOPMENT | 161 | EVANS SPORTS BUILDINGS | E | ADMINISTRATION | K | AUTO TECHNOLOGY |
| 6 | ART & CERAMIC | 21 | DEMO - MLK HIGH TECH CENTER | 35 | DEMO - MUSIC HALL | | | F | STUDENT SERVICES | L | PARKING STRUCTURE |
| 12 | DEMO - LANDIS AUDITORIUM | 22 | DEMO - BUSINESS ED. | 36 | DEMO - PILATES | A | NURSING & SCIENCES 1 | G | COSMETOLOGY | M | DEMO - BAND BUILDING |
| 15 | DEMO - HUNTLEY GYM | 23 | DEMO - PLANETARIUM | 37 | DIGITAL LIBRARY | B | NURSING & SCIENCES 2 | H | M&O SHIPPING | N | DEMO - MUSIC / LANDIS ADD. |
| | | | | | | C | STADIUM | I | M&O OFFICES | O | CAMPUS POLICE/SAFETY |

## NEW BUILDINGS

| | | | |
|---|---|---|---|
| I | GYM | VII | ACADEMIC 3 |
| II | THEATER & ARTS | VIII | ACADEMIC 4 |
| III | MUSIC | IX | ACADEMIC 5 |
| IV | STUDENT CENTER | X | PLANETARIUM |
| V | ACADEMIC 1 | XI | HOUSING 1 / ACADEMIC |
| VI | ACADEMIC 2 | XII | HOUSING 2 / ACADEMIC |

FIGURE 3-36. Horizon 2 Campus Aerial - Illustration of future campus buildings and landscape

# FACILITIES OUTLINE PROGRAM SUMMARY

# SUMMARY

Project priorities were established during the master plan workshops. Potential projects and alternatives were discussed during a workshop and a comprehensive list was then sent out to the participants to prioritize. The responses were compiled and ranked on a point system. The need for a one-stop Student Services Center and campus-wide infrastructure improvements were at the top of the list. There were a number of projects already underway that were also considered. In an effort to document some of the project priorities, a facilities outline program summary was generated.

This outline, while not prescriptive, describes in a general way, the phasing for potential projects, their associated ASF/GSF and location on campus. Each individual project will have to be developed based on a thorough examination of programmatic need.

The entire list of priorities were:

**Priority 1**

- New Nursing & Sciences - project underway
- New Riverside Aquatics Complex* - project underway
- New Student Services/ Administration Campus-wide Infrastructure Upgrades
- Renovation of Wheelock Gym - project underway
- New Cosmetology

**Priority 2**

- New Applied Technology
- New Maintenance & Operations
- Renovation of Landis Auditorium
- Renovation of Life & Physical Science into Student Services
- New Art & Ceramics building
- New Auto Tech
- New Wheelock Stadium
- New Music Building
- New Culinary Academy on campus
- Renovation of Bradshaw

**Priority 3**

- New Soccer Field
- Renovation of Huntley Gym
- Renovation of Music Building
- New Student Center Cafeteria/Bookstore
- Renovation of Art & Ceramics
- New Warehouse/Loading
- New ECS
- New International Student Center

At the request of the District, preliminary projections of cost were generated. The costs presented in this document are subject to any variety of market or environmental conditions and are included for reference purposes. It is recommended that this table be updated in the future as specific project planning begins. Additional infomation on the schedule of costs by building/project type can be found in the Appendix.

* While the Aquatics Complex was originally envisioned as a Priority 2 project, it was subsequently moved to a Priority 1 project opportunity as a joint use facility with the City of Riverside and Riverside County.

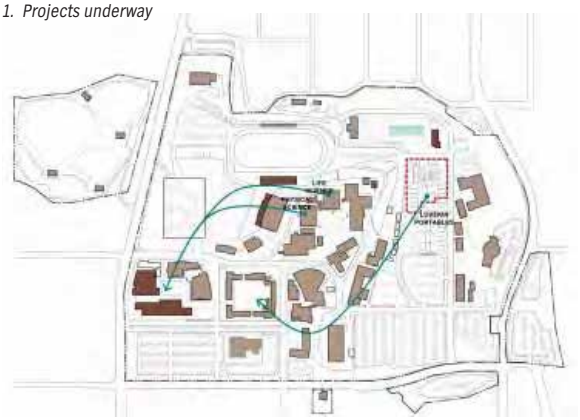
# COST SUMMARY MATRIX

| PROJECT NAME | BLDG ASF | BLDG GSF | SITE SF | JANUARY 2008 $ | | | | | | | Escalated Total Project Cost | Year |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | BUILDING | | | SITE | | | Total Project Cost | | |
| | | | | Construction Cost ($/GSF or Space) | Project Cost ($/GSF or Space) | Project Cost | Construction Cost ($/SF) | Project Cost ($/SF) | Project Cost | | | |
| WHEELOCK GYM RENO | 3,645 | 7,464 | - | - | - | 15,198,000 | - | - | - | $15,198,000 | $17,593,585 | 2011 |
| RIVERSIDE AQUATICS COMPLEX | 4,000 | 5,333 | - | 0 | - | - | - | - | - | | | 2011 |
| LOT K | 34 SPACES | | - | 2,000 | 2,800 | 95,200 | - | - | - | $95,200 | $110,206 | 2011 |
| RSA | 59,267 | 91,180 | - | - | - | 45,644,000 | - | - | - | $45,644,000 | $52,838,636 | 2011 |
| NEW NURSING/SCIENCES | 86,512 | 131,450 | - | - | - | 57,153,000 | - | - | - | $57,153,000 | $66,161,742 | 2011 |
| GREENHOUSE DEMO | 108 | 119 | - | 20 | 28 | 3,332 | - | - | - | $3,332 | $3,857 | 2011 |
| CAMPUS PROMENADE | | | 89,400 | - | - | - | 100 | 140 | 12,516,000 | $12,516,000 | $14,488,835 | 2011 |
| LIFE SCIENCE RENO | 13,615 | 28,642 | 17,850 | 300 | 502 | 14,378,284 | 20 | 28 | 499,800 | $14,878,084 | $18,084,404 | 2012 |
| PHYSICAL SCIENCE RENO | 17,000 | 26,335 | 17,850 | 350 | 590 | 15,537,650 | 20 | 28 | 499,800 | $16,037,450 | $19,493,621 | 2012 |
| LOT G | 568 SPACES | | - | 2,000 | 2,800 | 1,590,400 | 20 | 28 | 876,400 | $2,466,800 | $2,998,411 | 2012 |
| SOCCER FIELD | | | | | | | 9 | 13 | $1,386,000 | $1,386,000 | $1,684,682 | 2012 |
| B.E. DEMO | 16,176 | 22,100 | - | 20 | 28 | 618,800 | - | - | - | $618,800 | $716,338 | 2011 |
| NEW SS/ADMIN | 53,000 | 81,538 | 94,000 | 410 | 671 | 54,712,308 | 20 | 28 | 2,632,000 | $57,344,308 | $69,702,364 | 2012 |
| LOT B | 290 SPACES | | | 2,000 | 2,800 | 812,000 | 20 | 28 | 1,556,800 | $2,368,800 | $2,879,291 | 2012 |
| ADMISSION/COUNSEL DEMO | 4,416 | 7,554 | - | 20 | 28 | 211,512 | - | - | - | $211,512 | $257,094 | 2012 |
| DATA PROCESSING DEMO | 4,411 | 7,100 | - | 20 | 28 | 198,800 | - | - | - | $198,800 | $241,643 | 2012 |
| ADMINISTRATION DEMO | 12,899 | 19,069 | - | 20 | 28 | 533,932 | - | - | - | $533,932 | $648,998 | 2012 |
| ASSESSMENT/PLACEMENT DEMO | 2,184 | 2,400 | - | 20 | 28 | 67,200 | - | - | - | $67,200 | $81,682 | 2012 |
| NEW PARKING STRUCTURE | 1,625 SPACES | | 86,718 | | | 34,125,000 | 20 | 28 | 2,427,936 | $36,552,936 | $46,651,838 | 2013 |
| NEW COSMETOLOGY | 18,381 | 28,278 | 31,600 | 450 | 712 | 20,134,265 | 20 | 28 | 884,800 | $21,019,065 | $26,826,245 | 2013 |
| NEW CAMPUS SAFETY/SECURITY | 2,200 | 3,400 | 12,000 | 350 | 590 | 2,006,000 | 20 | 28 | 336,000 | $2,342,000 | $2,989,051 | 2013 |
| LOT E | 179 SPACES | | | 2,000 | 2,800 | 501,200 | 20 | 28 | 291,200 | $792,400 | $1,011,326 | 2013 |
| COSMETOLOGY DEMO | 9,492 | 12,897 | - | 20 | 28 | 361,116 | - | - | - | $361,116 | $460,886 | 2013 |
| SECURITY/SAFETY DEMO | 550 | 864 | - | 20 | 28 | 24,192 | - | - | - | $24,192 | $30,876 | 2013 |
| NEW M&O | 8,000 | 12,308 | 25,850 | 235 | 395 | 4,861,538 | 20 | 28 | 723,800 | $5,585,338 | $7,859,132 | 2015 |
| NEW WAREHOUSE | 6,500 | 9,286 | 25,850 | 235 | 395 | 3,667,857 | 20 | 28 | 723,800 | $4,391,657 | $6,179,503 | 2015 |
| MAINTENANCE DEMO | 6,068 | 7,500 | - | 20 | 28 | 210,000 | - | - | - | $210,000 | $295,491 | 2015 |
| MAINTENANCE PARTS DEMO | 1,621 | 1,770 | - | 20 | 28 | 49,560 | - | - | - | $49,560 | $69,736 | 2015 |
| LOT Y | 100 SPACES | | | 2,000 | 2,800 | 280,000 | 20 | 28 | 803,600 | $1,083,600 | $1,524,734 | 2015 |
| WAREHOUSE DEMO | 3,090 | 6,800 | - | 20 | 28 | 190,400 | - | - | - | $190,400 | $267,912 | 2015 |
| WAREHOUSE ANNEX B DEMO | 2,863 | 3,100 | - | 20 | 28 | 86,800 | - | - | - | $86,800 | $122,136 | 2015 |
| NEW APPLIED TECHNOLOGY | 26,502 | 38,974 | 32,425 | 440 | 708 | 27,593,259 | 20 | 28 | 907,900 | $28,501,159 | $44,214,652 | 2017 |
| NEW AUTO TECHNOLOGY | 17,831 | 22,289 | 32,425 | 440 | 708 | 15,780,435 | 20 | 28 | 907,900 | $16,688,335 | $25,889,085 | 2017 |
| TECH B DEMO | 14,377 | 20,562 | - | 20 | 28 | 575,736 | - | - | - | $575,736 | $893,156 | 2017 |
| SLOPE PARK | | | 31,000 | | | | 100 | 140 | 4,340,000 | $4,340,000 | $6,732,764 | 2017 |
| TECH A RENO | 11,018 | 16,830 | 24,317 | 300 | 502 | 8,448,660 | 20 | 28 | 680,876 | $9,129,536 | $15,614,605 | 2019 |
| ART DEMO | 5,948 | 7,953 | - | 20 | 28 | 222,684 | - | - | - | $222,684 | $380,865 | 2019 |
| CERAMICS DEMO | 5,248 | 8,717 | - | 20 | 28 | 244,076 | - | - | - | $244,076 | $417,453 | 2019 |
| LANDIS ADDITION | 10,490 | 16,138 | 18,100 | 440 | 708 | 11,426,031 | 20 | 28 | 506,800 | $11,932,831 | $21,429,650 | 2020 |
| MUSIC DEMO | 6,139 | 9,553 | - | 20 | 28 | 267,484 | - | - | - | $267,484 | $480,363 | 2020 |

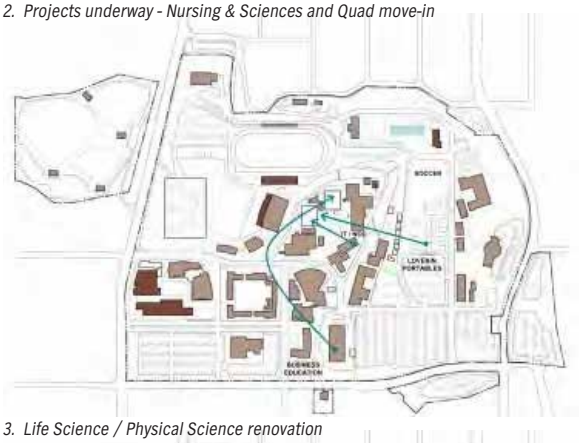
| TOTAL PROJECT COST | $371,312,123 | $478,326,855 |
|---|---|---|

# PHASING DIAGRAMS

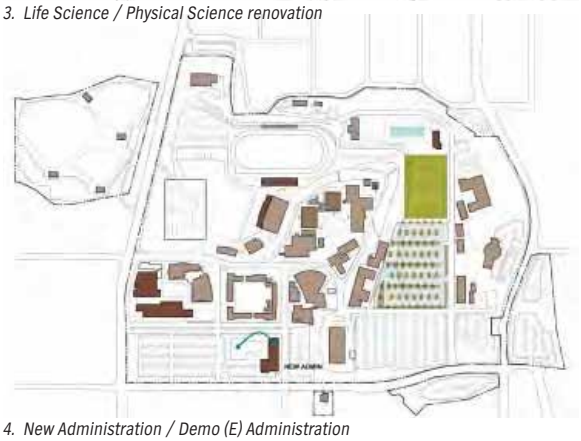
*1. Projects underway*



*2. Projects underway - Nursing & Sciences and Quad move-in*

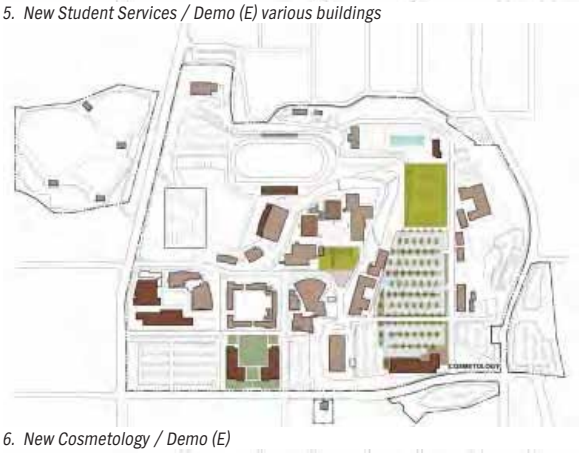


*3. Life Science / Physical Science renovation*

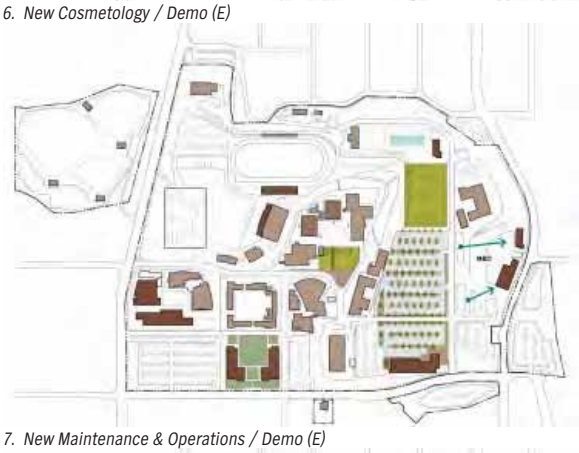


*4. New Administration / Demo (E) Administration*

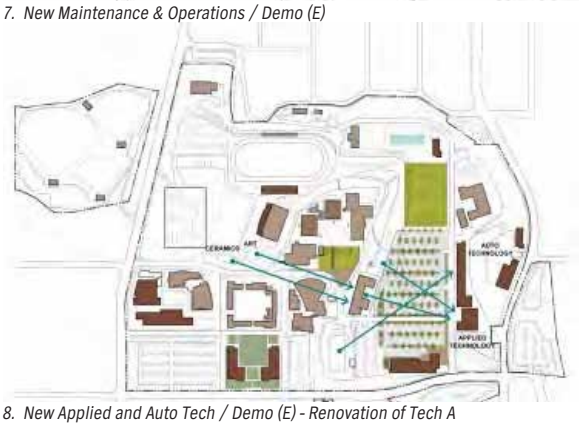
*5. New Student Services / Demo (E) various buildings*



*6. New Cosmetology / Demo (E)*



*7. New Maintenance & Operations / Demo (E)*



*8. New Applied and Auto Tech / Demo (E) - Renovation of Tech A*

# FACILITIES OUTLINE PROGRAM SUMMARY

## STUDENT SERVICES & ADMINISTRATION

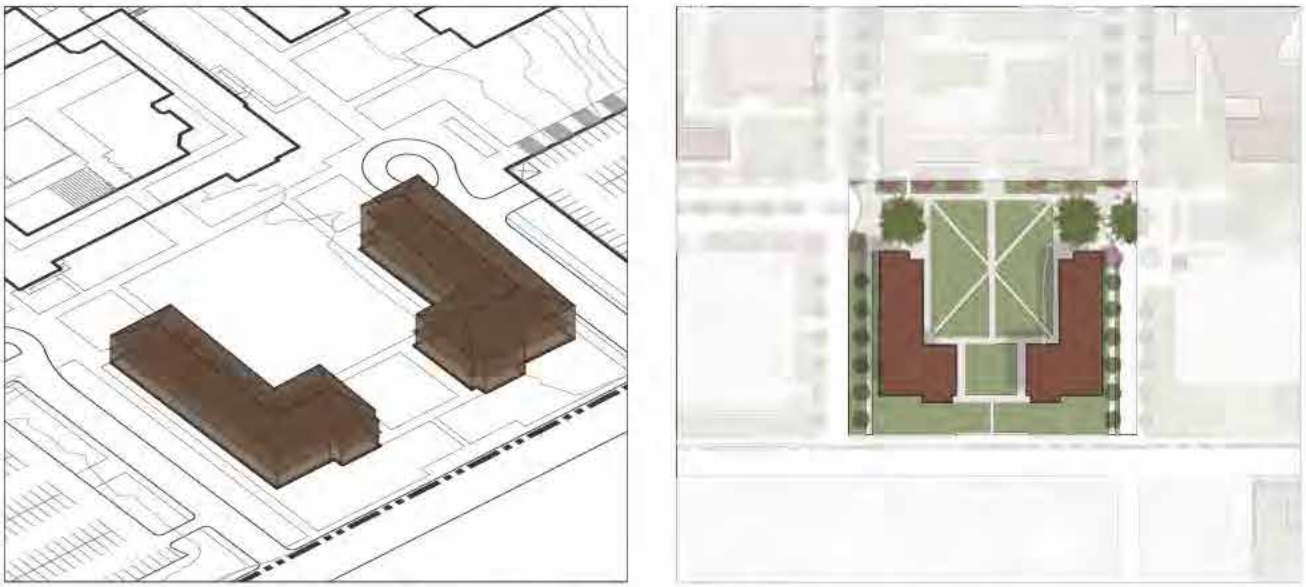


FIGURE 3-37. Axonometric and Site Plan of new Student Services and Administration buildings

NEW ASF: 35,149 GSF: 54,075

Programs:

- Administration
- Admissions/Counseling
- Financial Aid
- EOPS
- Student Government
- Bursar's Office
- DSPS
- Transfer & Career
- Assessment Center

A consistent need expressed throughout the master planning process was the "one stop shop" for student services. Currently, the student services programs are spread across a number of buildings throughout campus. The new Student Services & Administration buildings would consolidate those services and place them in an easily accessible location at the periphery of campus.

The first of the buildings would be the Administration building. It would be constructed adjacent to the existing Administration building and after completion, the administration programs would be moved from the old to the new. After moving to the new building, the existing Administration building could be demolished, making way for the Student Services building. After the completion of the Student Services building, the various student service programs can be consolidated and a number of existing buildings would be vacant and ready for demolition.

# FACILITIES OUTLINE PROGRAM SUMMARY

## LANDIS AUDITORIUM

FIGURE 3-38. Axonometric and Site Plan of Landis renovation

RENOVATION ASF: 17,067 GSF: 30,003

Programs:

Performing Arts

Landis Auditorium is in need of a renovation and significant upgrade to its aging infrastructure. As one of the major pieces of an outdated electrical distribution system on the upper portion of campus it is a critical piece for the phase out of the 4160v system. The age and poor condition of the facilities was discussed in a number of master planning workshops and coupled with an initial survey of the electrical systems by a district consultant, resulted in the plan for a renovation. The renovation would need to address deficiencies in fire/life safety, ADA, finishes and equipment. A comprehensive electrical/telecom master plan will have to be completed to assess the full scope of need for the campus as a whole which would address this particular building.

# FACILITIES OUTLINE PROGRAM SUMMARY

## LIFE AND PHYSICAL SCIENCES

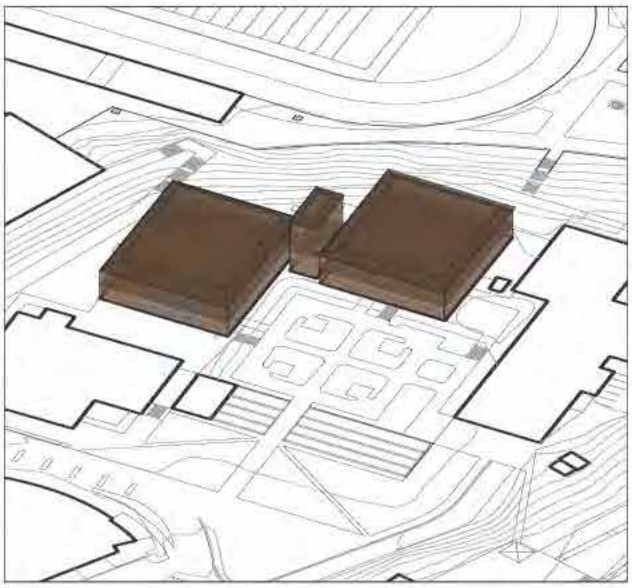



FIGURE 3-39. Axonometric and Site Plan of renovated Science buildings

RENOVATION

| | | |
|---|---|---|
| Life Science | ASF: 17,177 | GSF: 28,642 |
| Programs: | | |
| Business Education | | |
| Physical Science | ASF: 20,561 | GSF: 26,335 |
| Programs: | | |
| Lovekin Complex | | |

The programs currently occupying the Life and Physical Science buildings will be moved into the new Nursing & Sciences buildings when they are complete.

Life Science

The vacant Life Science building will be renovated to house the programs located in the Business Education building. The existing BE building would be demolished thereby relieving some electrical demands on the aging 4160v system and removing the assignable square feet from the Space Inventory Report. The BE demolition allows for additional surfac parking in the near term and the space for an additional parking structure in the long term.

Physcial Science

The vacant Physical Science building is an ideal place to consolidate the remaining classrooms in portables on Lovekin Field.

Network Operations Center (NOC)

The relocation of the NOC needs to be reviewed during the infrastructure master plan. Two options to consider are the Physical Science building or the DLRC.

# FACILITIES OUTLINE PROGRAM SUMMARY

## COSMETOLOGY

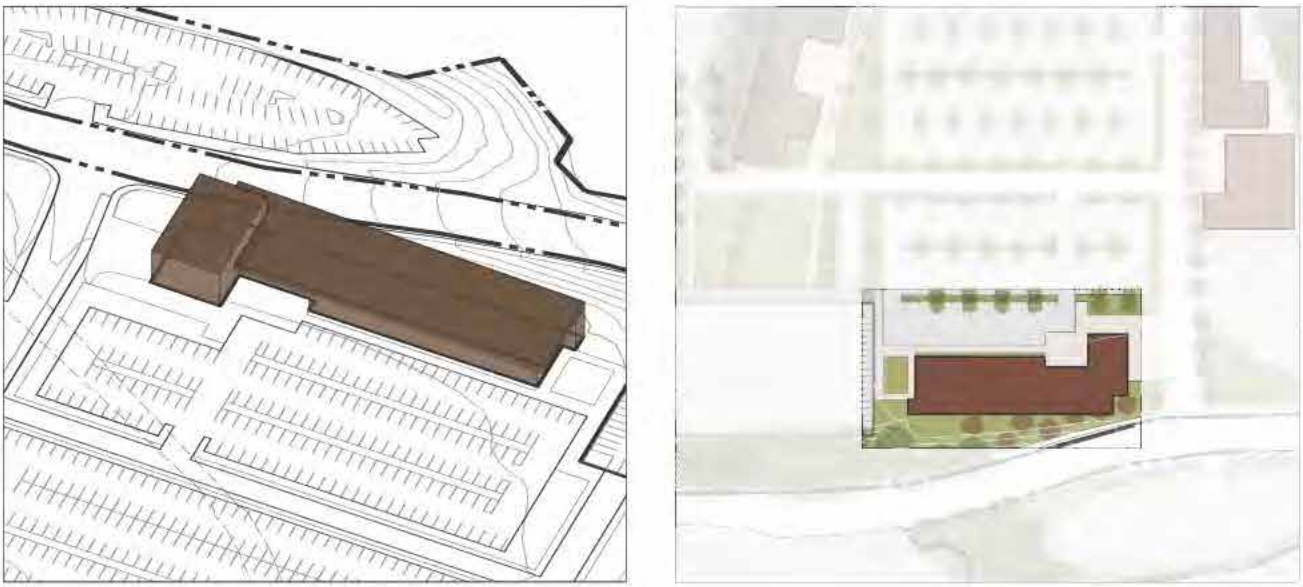


FIGURE 3-40. Axonometric and Site Plan of new Cosmetology building

NEW ASF: 15,140 GSF: 23,300

Programs:

Cosmetology

The need for a new Cosmetology facility was discussed at a number of master planning workshops. It was also noted as a priority project for the campus. The poor condition of the existing facility coupled with its projected growth and constant demand furthered the cause for a new Cosmetology building. Located in the arroyo area of campus, it would continue to remain near the periphery of campus and have dedicated parking for its steady stream of clients. This location also serves as a key gateway building as it sits at the entrance to the arroyo portion of campus at Saunders Street. Upon completion of the new Cosmetology building, the existing Cosmetology building would be vacant and ready for demolition to make way for the new Maintenance & Operations facility.

# FACILITIES OUTLINE PROGRAM SUMMARY

## MAINTENANCE & OPERATIONS

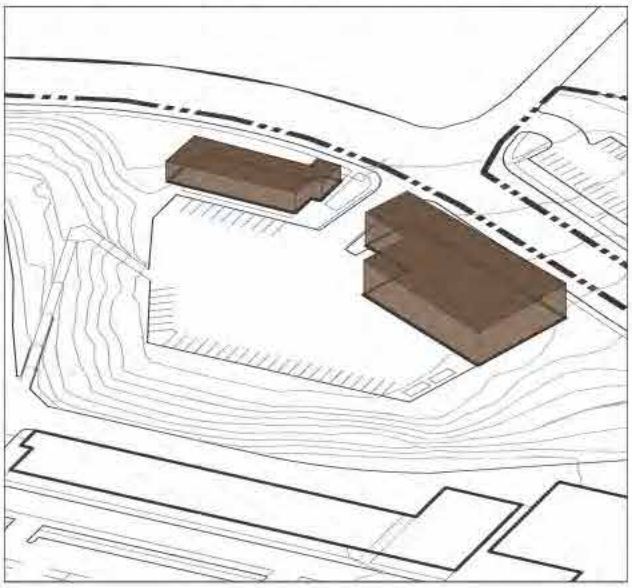


FIGURE 3-41. Axonometric and Site Plan of new M&O buildings

NEW ASF: 10,660 GSF: 16,400

Programs:

- Maintenance & Operations Warehouse

The existing Maintenance & Operations facilities were originally constructed in 1932 and are in need of replacement. The buildings are currently located in a way that makes their operation extremely difficult with deliveries. The current location of Maintenance & Operations requires 18-wheel semi trucks to park on the sidewalk during deliveries and create traffic congestion on Saunders Street. The proposed new location for Maintenance & Operations is on the periphery of campus and would expand their area for delivery trucks, recycling, trash and vehicle parking. Service road access would be maintained down the hillside for electric carts and small vehicles. Upon completion of the new Maintenance & Operations buildings, the existing M&O buildings would be vacant and ready for demolition to make way for the new Auto and Applied Technology buildings.

# FACILITIES OUTLINE PROGRAM SUMMARY

## AUTO TECHNOLOGY / APPLIED TECHNOLOGY

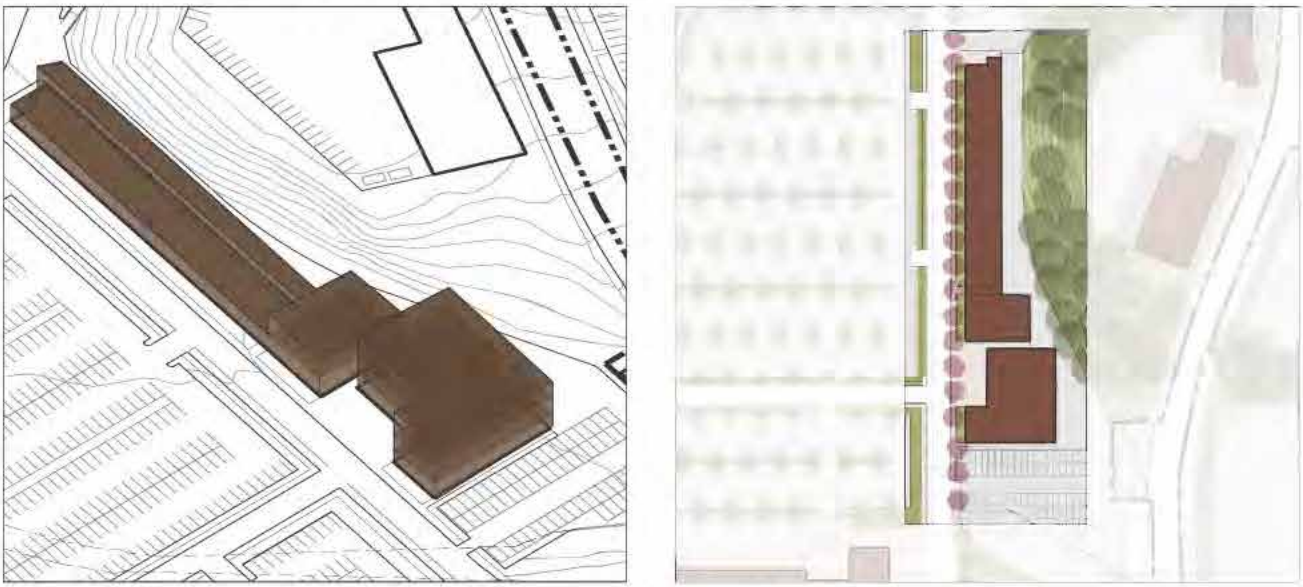


FIGURE 3-42. Axonometric and Site Plan of new Automotive Technology and Applied Technology buildings

NEW ASF: 43,700 GSF: 67,200

Programs:

Auto Technology
Applied Technology

The existing Auto Technology and Applied Technology programs are housed in aging facilities and placed in less than ideal locations. The proposed new Auto Technology and Applied Technology buildings would consolidate the programs and provide facilities to accommodate the technological advances of their fields in the future. The Auto Technology building would have a garage area for automotive work as well as classroom spaces. Adjacent dedicated parking for the automotive programs would be provided. The Applied Technology building would provide the classroom, lab and office spaces for the other Applied Technology programs. This consolidation of programs would vacate the existing Technology A, Technology B and Automotive Technology buildings. Tech A would be available for the future consolidation of Art & Ceramics. Tech B would be demolished to make way for an improved network of campus plazas. Auto Tech would be demolished to make way for an additional parking structure.

# FACILITIES OUTLINE PROGRAM SUMMARY

## NEW PARKING STRUCTURE

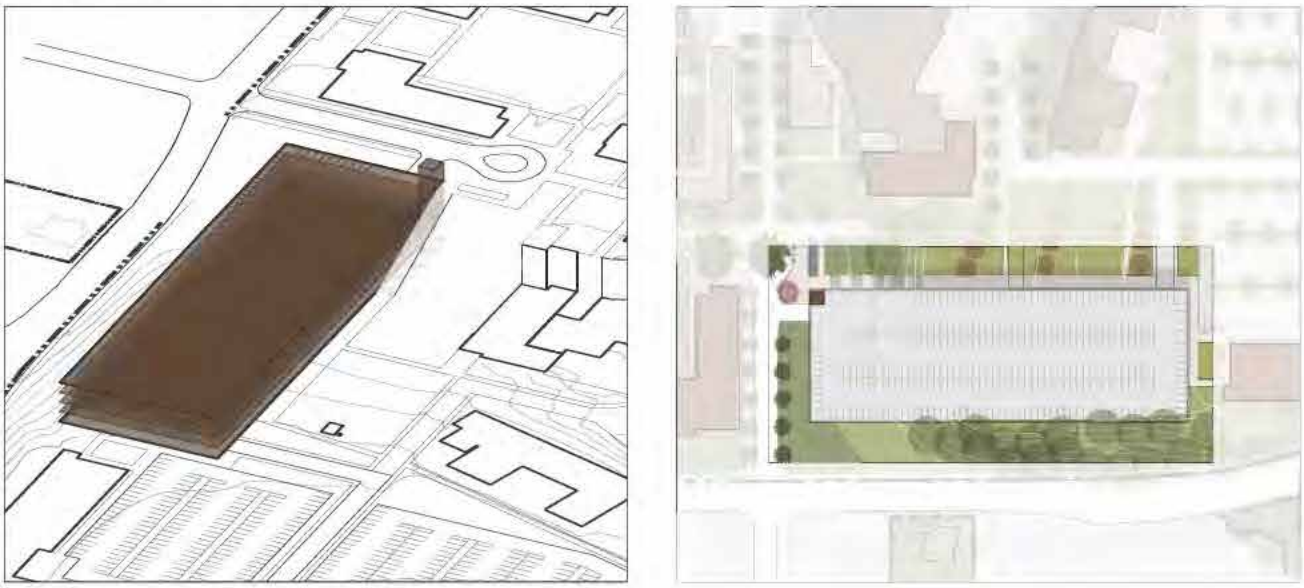


FIGURE 3-43. Axonometric and Site Plan of new five level parking structure

NEW

Stories: 5

Spaces: approximately 1,600

As building projects currently underway are completed, there will be an ever increasing reduction in the existing parking on campus. Enrollment will maintain or grow and there will be a need for additional parking on campus. The new Parking Structure will provide approximately 1,600 new spaces to meet the future parking needs of the campus and alleviate the foreseen shortage of spaces. The structure will be partially set into the existing hillside topography and thereby reduce the visual impact from the surrounding residential areas. Along with the new structure will be a grand stair that transitions from the upper portion of campus to the lower arroyo portion. The adjacent landscape will also be developed as an improvement to the campus network of outdoor spaces.

# FACILITIES OUTLINE PROGRAM SUMMARY

## ART / CERAMICS

FIGURE 3-44. Axonometric and Site Plan of renovated Technology A building for Art and Ceramic programs

RENOVATION ASF: 13,075 GSF: 16,830

Programs:

Art
Ceramics / Sculpture

The existing Art and Ceramics & Sculpture buildings are in poor condition and their location is difficult to access for both students and deliveries. The renovation of the Technology A building would provide an easily accessible location and consolidation of the two programs. After the completion and consolidation of the Applied Technology programs, the Technology A building would be vacant and ready for renovation. Its location has easy access for deliveries from Terracina Drive and the plaza developed at the Technology B building's old location would provide an area to display art and sculpture.

# FACILITIES OUTLINE PROGRAM SUMMARY

## MARCHING BAND

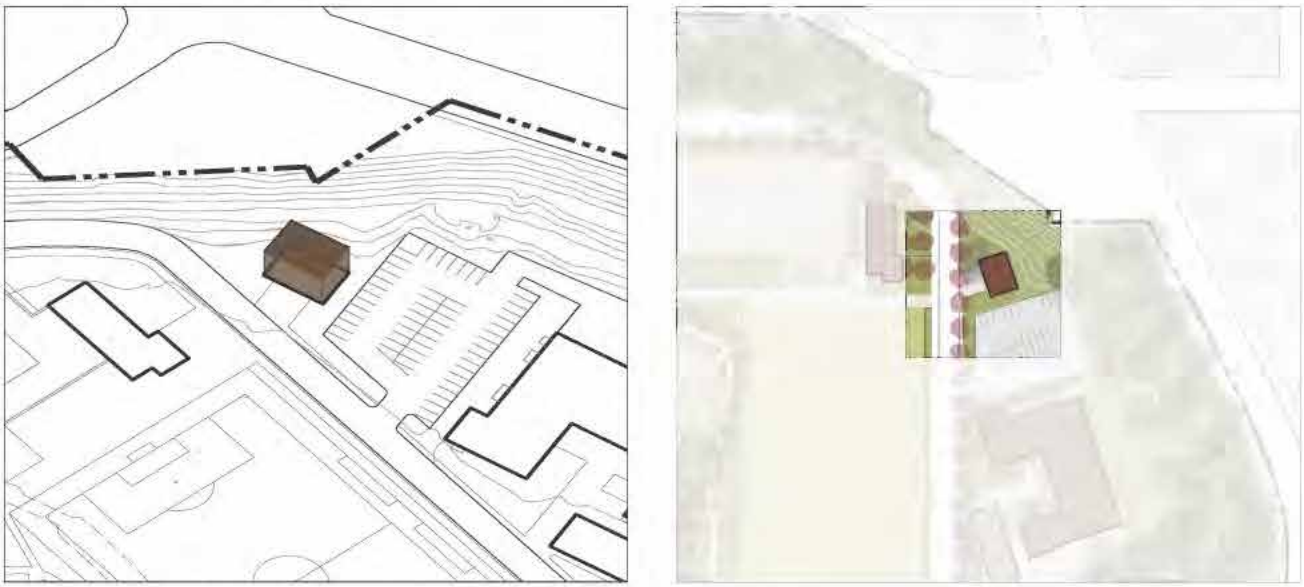


FIGURE 3-45. Axonometric and Site Plan of new band building

NEW ASF: 1,430 GSF: 2,200

Programs:

Marching Band

The need for a Marching Band space was discussed during the master planning workshops. The RCC Marching Band is currently located in a few small rooms of the Huntley Gymnasium and is in great need for a dedicated space suited to the program. This facility would provide a stand-alone building for the program and be located in the arroyo area of campus with easy access to practice areas.

# FACILITIES OUTLINE PROGRAM SUMMARY

## MUSIC / LANDIS ADDITION

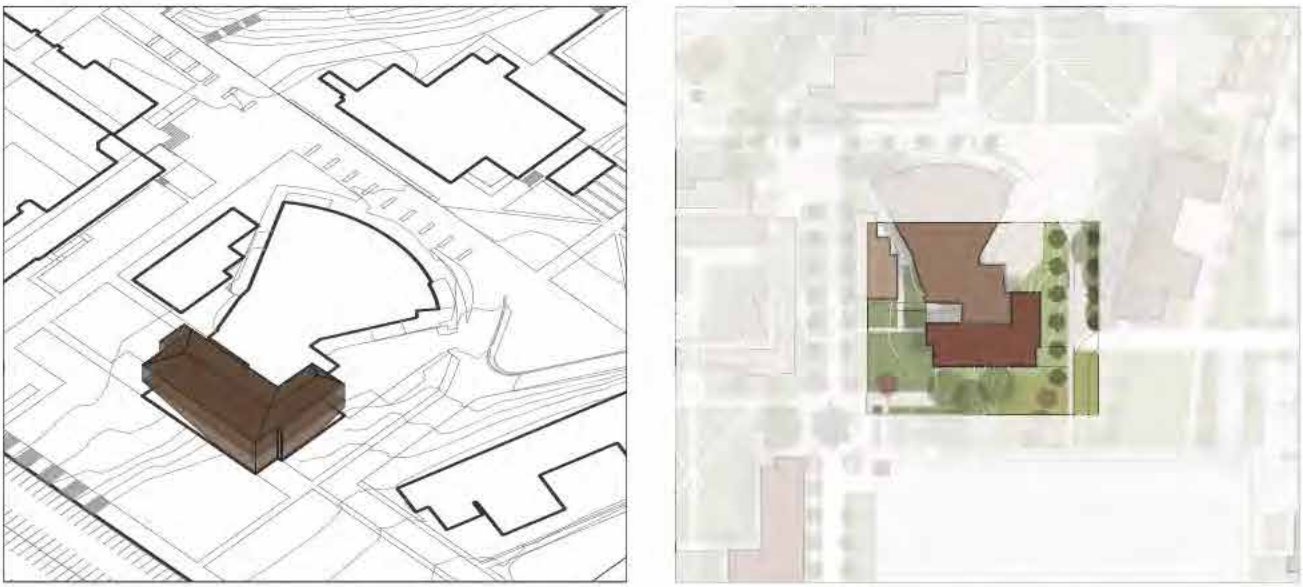


FIGURE 3-46. Axonometric and Site Plan of new music building as a Landis addition

NEW ASF: 7,531 GSF: 11,586

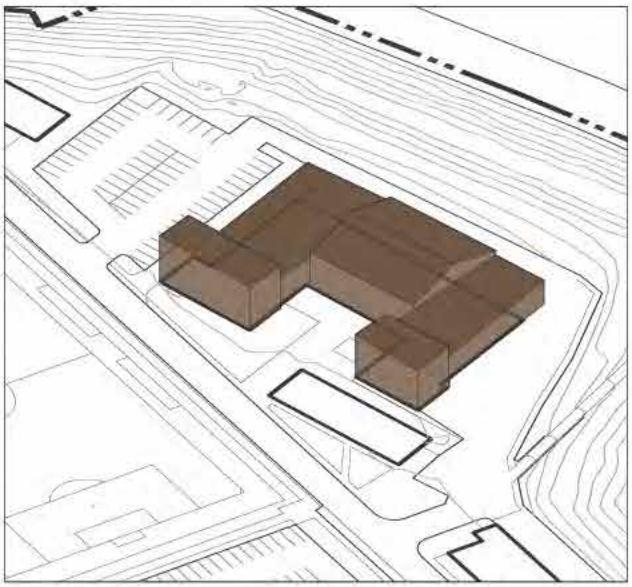
Programs:

Music
Theater

This proposed addition to Landis would house both Music and Theater programs and augment the facilities already housed in Landis Auditorium and the Music Building. The addition would be connected to Landis and negotiate the falling grade between the upper campus and the arroyo area of campus.

# FACILITIES OUTLINE PROGRAM SUMMARY

## HUNTLEY GYM



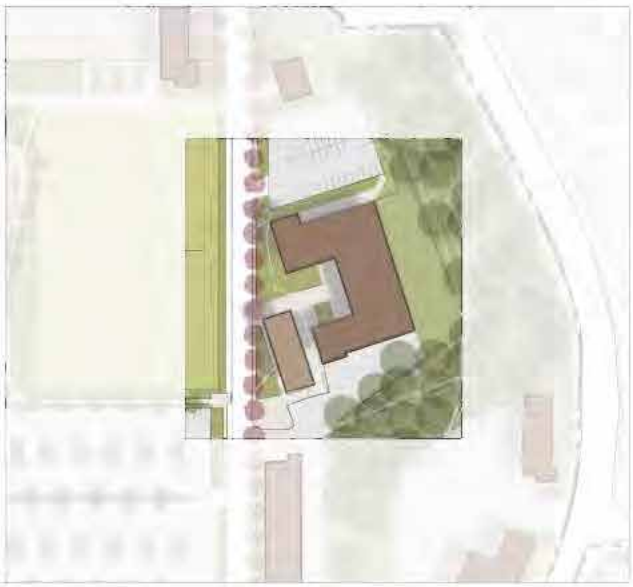


FIGURE 3-47. Axonometric and Site Plan of renovated Huntley gymnasium

RENOVATION ASF: 18,711 GSF: 22,203

Programs:

Physical Education

Huntley Gymnasium is currently in poor condition and is overcrowded. The proposed renovation of Huntley would be a complete upgrade to the building, touching upon the fire/life safety, accessibility and other deficiencies. A complete overhaul of the fixtures, furnishings and equipment would also be needed to return the gym to an excellent athletic facility.

# FACILITIES OUTLINE PROGRAM SUMMARY

## EARLY CHILDHOOD STUDIES

FIGURE 3-48. Axonometric and Site Plan of renovated CDC building

RENOVATION ASF: 6,042 GSF: 13,729

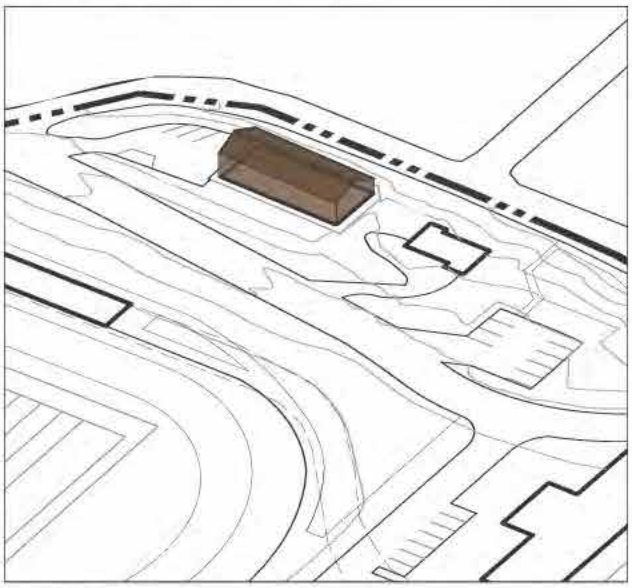
Programs:

Early Childhood Studies

Throughout the interview and master plan workshops, the need for an update to the existing Early Childhood Studies building was mentioned. The existing building would need a renovation to meet the needs of the future users. An expansion, depending on the development of the Innovative Learning Center at La Sierra, may be necessary.

# FACILITIES OUTLINE PROGRAM SUMMARY

## CAMPUS POLICE / SAFETY



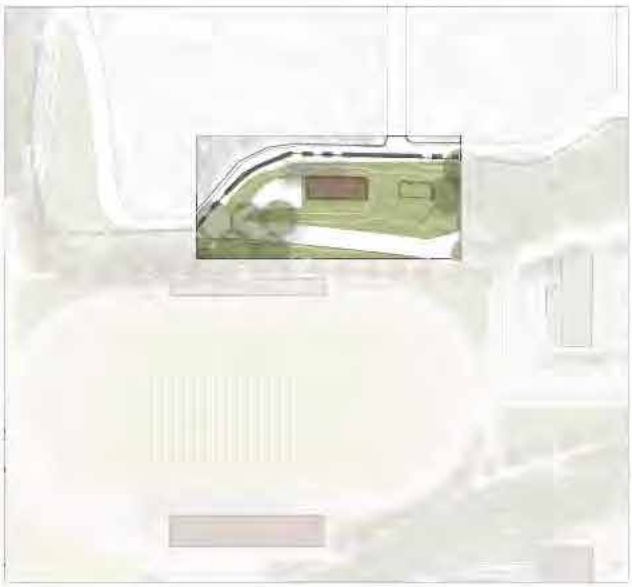


FIGURE 3-49. Axonometric and Site Plan of renovated Campus Police building

NEW ASF: 2,200 GSF: 3,400

Programs:

Campus Safety

Campus Safety is currently located in a number of modular buildings on campus that are significantly insufficient for operation. District dispatch is also located with RCC's Campus Safety operations. Due to the nature of its operation, a complete study of the needs for the Campus Safety would need to be conducted. The proposed location for Campus Safety would be near the periphery of campus, near the current location of North Hall. This location would allow officers easy access to main thoroughfares as well as afford key views of the campus.

# 4
# GUIDELINES

# ARCHITECTURAL SUMMARY

The Architectural Guidelines are created to give a framework and sense of what the campus architecture could be in the future. The campus architecture in the future will aspire to create a distinguishable campus identity as well as respond to the immutable natural conditions like the arroyo. These guidelines provide a general framework from which the architects and designers of future campus projects can draw upon to help in achieving that campus identity.

The process began by examining the existing character defining features of the buildings on campus. A map of the existing materials and styles of the campus was created in order to help understand the development of the campus buildings. Of the existing buildings on campus, the Quadrangle represents the identity of the campus both in the past and present. It was consistently cited as a prime generator of memory for the members of the Master Planning Steering Committee and is clearly a link to the college's history. As such an important building, an analysis of the Quad was undertaken to better understand the qualities that made it such an iconic building on campus.

In the examination of the Quad, a notion of Formal and Informal presented itself early in the process. The building's architecture, while deeply rooted in a stylistic response, was distilled into the two timeless ideas of Formal and Informal. It became clear that these same ideas could be expanded from a particular building's language to a future common campus language as well.

These guidelines have been formed by looking at examples of building responses that could also be interpreted for similar use Riverside City College. The examples included are intended to serve as a framework and not as a perscriptive instruction on specific building language. With this framework, future architects and planners can contribute to a more cohesive and identifiable campus for generations of students, staff and community to come.

*Occidental College, Los Angeles, California*

*Claremont College, Claremont, California*

*Planning principle diagram for future architectural aesthetics*

# ARCHITECTURE

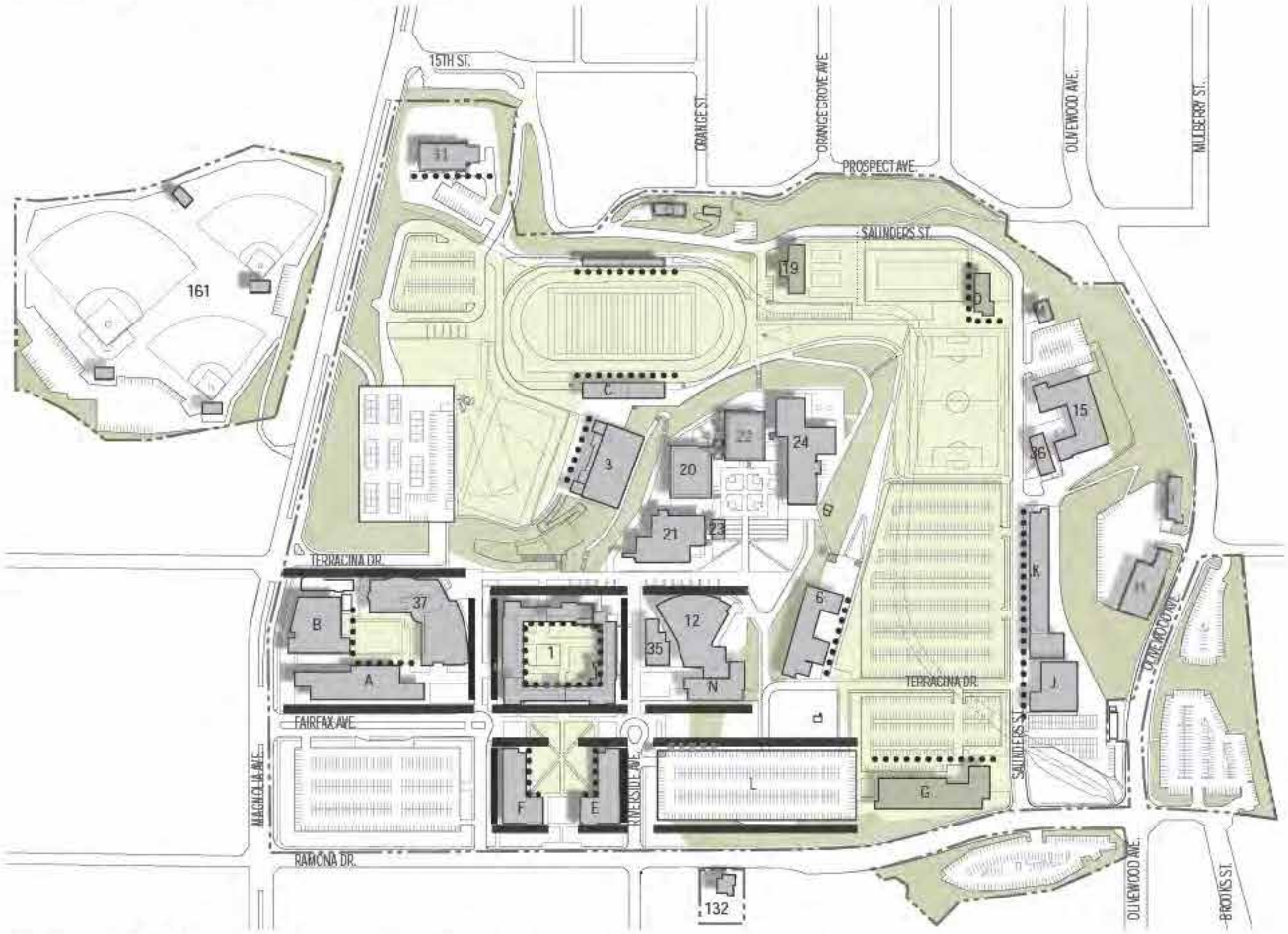



FIGURE 4-1. Planning Principles for Campus Development - Formal street scape versus Informal court spaces

## LEGEND

FORMAL BUILDING CONDITION

INFORMAL BUILDING CONDITION

## BUILDING LEGEND

| EXISTING | | NEW | |
|---|---|---|---|
| 1 | QUADRANGLE | A | NURSING & SCIENCES 1 |
| 3 | RENO - WHEELOCK | B | NURSING & SCIENCES 2 |
| 6 | RENO - (N) ART & CERAMIC | C | STADIUM |
| 12 | RENO - LANDIS AUDITORIUM | D | AQUATICS COMPLEX |
| 15 | RENO - HUNTLEY GYM | E | ADMINISTRATION |
| 19 | CUTTER POOL | F | STUDENT SERVICES |
| 20 | RENO - (N) CLASSROOM / IT | G | COSMETOLOGY |
| 21 | MLK HIGH TECH CENTER | H | M&O SHIPPING |
| 22 | RENO - (N) BUSINESS ED. | I | M&O OFFICES |
| 23 | PLANETARIUM | J | APPLIED TECH CENTER |
| 24 | RENO - STUDENT CENTER | K | AUTO TECHNOLOGY |
| 31 | RENO - CHILD DEVELOPMENT | L | PARKING STRUCTURE |
| 35 | MUSIC HALL | M | BAND BUILDING |
| 36 | PILATES | N | MUSIC / LANDIS ADD. |
| 37 | DIGITAL LIBRARY | O | CAMPUS POLICE/SAFETY |
| 132 | ALUMNI HOUSE | | |
| 161 | EVANS SPORTS BUILDINGS | | |

0' 250' 500'

# ARCHITECTURE


FIGURE 4-2. Materials and Styles - Primary architectural materials and styles on campus

## LEGEND

- CALIFORNIA MISSION
- CONCRETE
- CONCRETE BLOCK
- BRICK / PLASTER
- OTHER

## BUILDING LEGEND

| | |
|---|---|
| 1 | QUADRANGLE |
| 2 | STADIUM |
| 3 | WHEELOCK |
| 4 | MAINTENANCE SHOP |
| 5 | MAINTENANCE PT SHOP |
| 6 | TECHNOLOGY A |
| 7 | TECHNOLOGY B |
| 10 | ADMISSIONS/COUNSEL |
| 12 | LANDIS AUDITORIUM |
| 13 | MUSIC BUILDING |
| 14 | ART |
| 15 | HUNTLEY GYM |
| 16 | MAIN WAREHOUSE |
| 17 | ADMINISTRATION |
| 18 | COSMETOLOGY |
| 19 | CUTTER POOL |
| 20 | LIFE SCIENCE |
| 21 | MLK HIGH TECH CENTER |
| 22 | PHYSICAL SCIENCE |
| 23 | PLANETARIUM |
| 24 | STUDENT CENTER |
| 26 | CERAMICS SCULPTURE |
| 27 | ATHLETICS CENTER |
| 28 | CAMPUS POLICE/SAFETY |
| 29 | PORTABLE 3 |
| 30 | AUTO TECHNOLOGY |
| 31 | CHILD DEVELOPMENT |
| 32 | BUSINESS EDUCATION |
| 33 | GREENHOUSE |
| 34 | ASSESSMENT |
| 35 | MUSIC HALL |
| 36 | PILATES |
| 37 | DIGITAL LIBRARY |
| 131 | NORTH HALL |
| 132 | ALUMNI HOUSE |
| 161 | EVANS SPORTS COMPLEX A |
| 162 | EVANS SPORTS COMPLEX B |
| 163 | EVANS SPORTS COMPLEX C |
| 164 | EVANS SPORTS COMPLEX D |

0' 250' 500'

# ARCHITECTURE

## CALIFORNIA MISSION

- Massive walls with broad unadorned surfaces
- Low pitched clay tiled roofs
- Arched windows and doors
- Exterior plaster, stucco, or concrete
- Towers on larger buildings
- Curved gables
- Arcaded corridors
- Piered arches
- Exposed rafters

*AG Paul Quandrangle building in the California Mission Revival style*

## CONCRETE

- Board formed / smooth
- Punched openings
- Low pitched or flat roofs

*Tehcnology A building in board formed concrete*

# ARCHITECTURE

## CONCRETE BLOCK

- Small punched openings
- Articulated datum line
- Red clay tile hip roof
- Overhanging eaves

*Martin Luther King, Jr. Library with concrete block*

## BRICK

- Expressed concrete structural frame
- Red brick infill
- Various brick coursing

*Landis Auditorium has an extensive use of brick*

## OTHER

- Plaster, stucco
- Brick veneer
- Various opening types
- Various roof types

*New parking structure on campus*

# ARCHITECTURE

## QUADRANGLE ANALYSIS

When mapping the existing materials and styles of the campus, the Quad stood out as a successful building that contributes to the identity of the campus. Originally completed in 1923, it is the oldest facilty on campus and renovated numerous times over the years. It's longevity on the campus is a testament to its positive impact on the college's built environment.

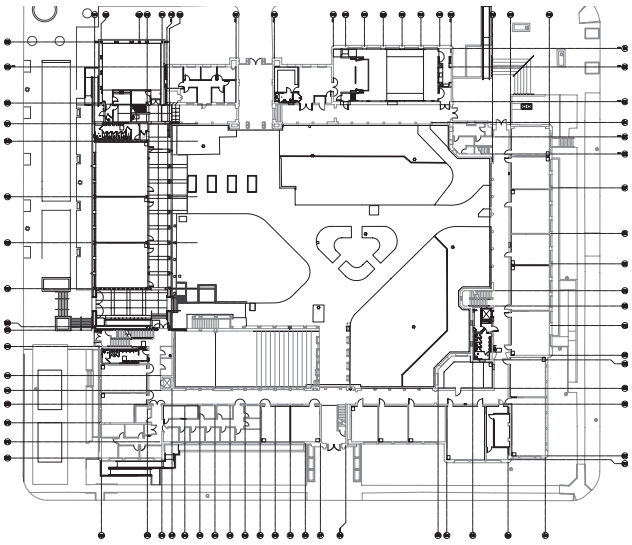
In analyzing the Quad, a number of characteristics were examined to categorize how its architecture was successful:

- Scale - the proportion between two sets of dimensions or objects
- Opening - characteristics of the openings in the walls of the building
- Entry - characteristics of the access to the building and its relation to circulation
- Roof - use of roof form and material

On its exterior, the Quad responds in a particular manner that is quite different than it's interior courtyard. For the purposes of the analysis, those two types of responses have been described as Formal and Informal. The Formal responses correspond with the exterior of the building while the Informal responses correspond with the interior courtyard.

With the Architectural Guidelines, the notions of Formal and Informal were diagrammed to respond to future master planned conditions of the campus. Conditions where a building was to hold a street or campus edge were seen as Formal while conditions where a building formed the edge of an open space, such as a courtyard, were seen as Informal.

Ultimately, these categories and their Formal and Informal responses would be translated into an architecture that was cohesive across the future buildings on campus. As more and more projects implement architectural responses within the framework, a common language of the built environment would emerge and reinforce the college's identity.



*Quadrangle Floor Plan - 2007*

*Quadrangle Aerial - mid 1900's*

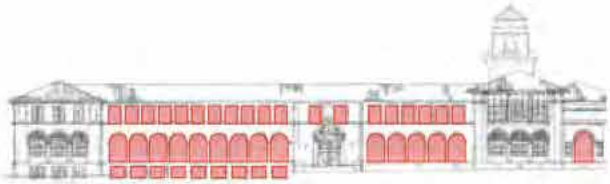
*Quadrangle Diagram - Hip and Gabled roofs*

# ARCHITECTURE

*Formal two story campus scale*

*Informal single story human scale*

## SCALE



*Formal repetition of openings*

*Informal opening mass*

## OPENING

*Formal building scale entry*

*Informal numerous human scale entries*

## ENTRY

# ARCHITECTURE

## SCALE - FORMAL

- Campus Scale
- Expressed Multi-Story Volume / Mass

*Campus scale articulation at Stanford University.*

## SCALE - INFORMAL

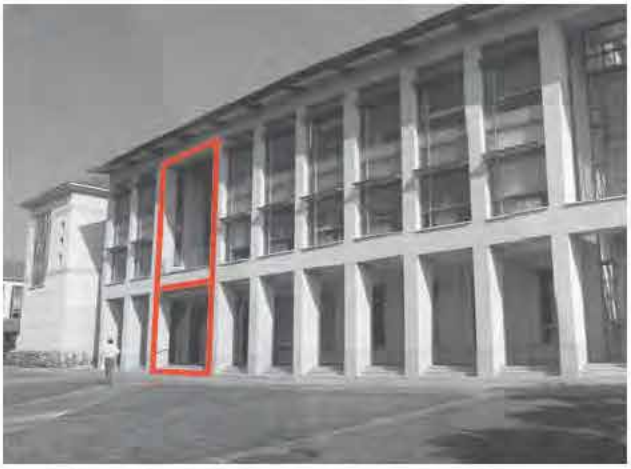
- Human Scale
- Expressed Single Story Volume / Mass

*Multi-story articulation with smaller scale elements at Claremont College.*

# ARCHITECTURE

## ENTRY - FORMAL

- Main Building Entry
- Campus Scale
- Adjacent to Campus Circulation



*Single building entry expressed at a large scale at Stanford University*

## ENTRY - INFORMAL

- Multiple Entries
- Human Scale
- Adjacent to Building Circulation or Court

*Multiple entries expressed with smaller scale elements at Otago University*

# ARCHITECTURE

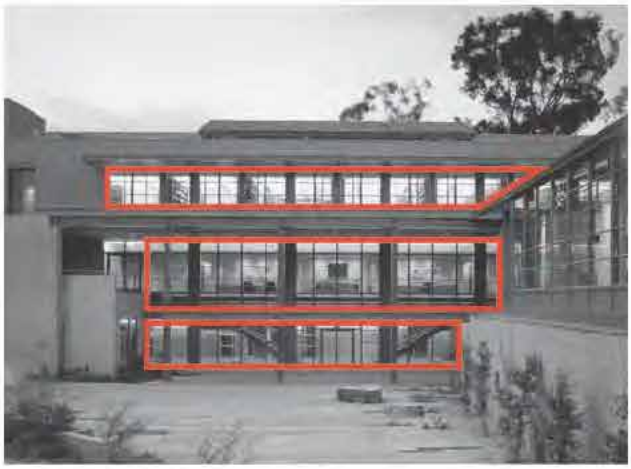
## OPENING - FORMAL

- Punched
- Wall Primary, Opening Secondary
- Regular Rhythm

*Punched articulation of openings at Occidental College*

## OPENING - INFORMAL

- Open
- Opening Primary, Wall Secondary



*Open articulation of openings at Claremont College*

# ARCHITECTURE

## ROOF - FORMAL

- Uniformity
- Pitched or Flat

*Gabled roof at Claremont College*

## ROOF - INFORMAL

- Material Variety: PV, Green, Cool Roof Systems

*Vancouver Pulbic Library's green roof appication*

# LANDSCAPE SUMMARY

The role of Landscape Master Plan Design Guidelines is to set the stage for a clear identity about the overall campus through the use of certain materials, and a specific approach to technology that will define Riverside City College over the life of the Master Plan development.

The City of Riverside is considered the City of Trees because of its rich tree canopy structure that is prevalent throughout the urban landscape. Riverside City College follows that character throughout the campus. The Master Plan Design Guidelines creates a comprehensive list of species that are currently succeeding on the campus and looks to add species that fall under the category of regionally native, drought tolerant and appropriate for the difficult climate of Riverside. Additionally, it is important that each of the species respects requirements set forth by the Maintenance and Operations group at Riverside City Collge, as successful campus master planning understands that landscape is a function of the ability to maintain. As a general approach the goal for irrigation guidelines is focused on high efficiency while adhering to the current practices that the campus Maintenance and Operations crew employs. In an evaluation of hardscape and site furnishing, the Landscape Master Plan suggests materials that will withstand the daily activities of campus life, assure overall health and safety and in many cases reflect the overall commitment to sustainability through the use of recycled materials.

The Landscape Master Plan Design Guidelines are organized to create a series of elements that will work together with the Campus Master Plan to make Riverside City College a model campus as it undergoes development and renovation over the next twenty five years.

*CALIFORNIA POPPY, ARROYO SECO/ PASADENA, CA*

*LANDSCAPE FORMS, 'GRETCHEN' SERIES*

*UNIVERSITY OF SAN FRANCISCO PLAZA, USF/ SAN FRANCISCO, CA*

# LANDSCAPE

## PLANTING

GENERAL NOTES

- Climate appropriate approach
- Drought tolerant
- Primarily native
- Seasonal interest
- Maintenance sensitive

1. CEREMONIAL ENTRY
    - Create dramatic entrance with flowering trees and shrubs
    - Imply formal nature with strong lines and intricate textures

2. THE LAWN
    - Frame views with tree groves
    - Provide seasonal color accents
    - Maintain pedestrian scale plantings
    - Create lawn area

3. COURTYARDS
    - Create green canopy with shade trees
    - Build upon existing courtyard landscapes
    - Create pedestrian interest through rich fragrances, colors and textures
    - Convey the sense of privacy and inner thought

4. SLOPESCAPE
    - Build on existing slope plantings
    - Create canopy for shade retreats
    - Include identifiable deep green foliage
    - Contrast to the arroyo landscape

5. ARROYO
    - Expand overall bright-green swath of foliage
    - Include large leaf tree specimens for shading students and cars
    - Select runoff cleansing grasses and shrubs for areas near parking
    - Provide seasonal color accents

6. RIPARIAN WALK
    - Overall bright green, small leaf foliage
    - Provide continuous loop of seasonal color accents
    - Include grass-like, riparian (creek side) understory
    - Structure to absorb interpretive experiences and educational studies

7. CAMPUS PROMENADE
    - Infuse existing fan palm row with new species to create strong axis
    - Saturate edges of the corridor with colorful groundcovers and shrubs
    - Provide shade alcoves for students

8. ALLEES
    - Provide shade for pedestrians
    - Allow for a colorful, low growing understory
    - Create directional lines with planting to clarify circulation

9. ATHLETIC LANDSCAPE
    - Provide shade for buildings and retreats for athletes
    - Encourage low maintenance accents at important entrances
    - Create lawn areas for sports related activities

10. ADJACENT STREETSCAPE
    - Build upon existing landscape
    - Provide strong architectural trees to shade sidewalks and street
    - Minimize understory to maintain views into campus
    - Focus on low maintenance plantings with seasonal accents

# LANDSCAPE

## PLANTING

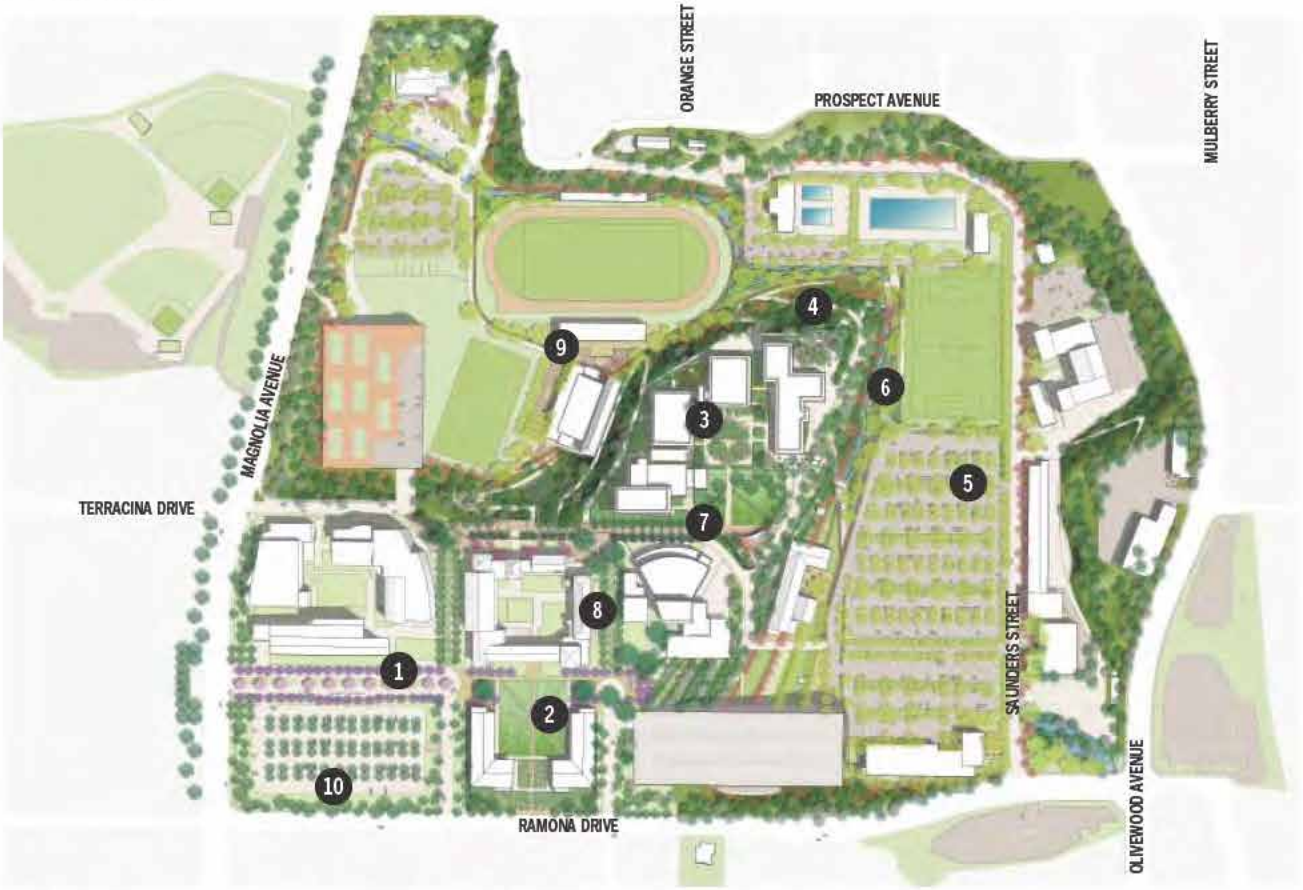



FIGURE 4-3. Horizon 1 planting diagram illustrates the ten landscape typologies

**LANDSCAPE PLACES**

| | |
|---|---|
| 1 | CEREMONIAL ENTRY |
| 2 | THE LAWN |
| 3 | COURTYARDS |
| 4 | SLOPESCAPE |
| 5 | ARROYO |
| 6 | RIPARIAN WALK |
| 7 | CAMPUS PROMENADE |
| 8 | ALLEES |
| 9 | ATHLETIC LANDSCAPE |
| 10 | ADJACENT STREETSCAPE |

0' 250' 500'

# LANDSCAPE

## 1 | CEREMONIAL ENTRY

Deciduous Tree

**JACARANDA**

*Jacaranda mimosifolia*

Deciduous Tree

**DESERT WILLOW**

*Chilopsis linearis 'Burgundy'*

Perennial Shrub

**WHITE SAGE**

*Salvia apiana*

Evergreen Shrub

**CANYON GREY SAGEBRUSH**

*Artemisia californica 'Cayon Grey'*

Evergreen Shrub

**ISLAND CEANOTHUS**

*Ceanothus griesus 'Yankee Point'*

# LANDSCAPE

## 2 | THE LAWN

Evergreen Tree

**CA BAY LAUREL**
*Umbellularia californica*

Evergreen Shrub

**TOYON**
*Heteromeles arbutifolia*

Perennial Grass

**DEER GRASS**
*Muhlenbergia rigens*

Perennial Shrub

**CA FUCHSIA**
*Zauschneria californica*

Perennial Vine

**CA HONEYSUCKLE**
*Lonicera hispidula*

# LANDSCAPE

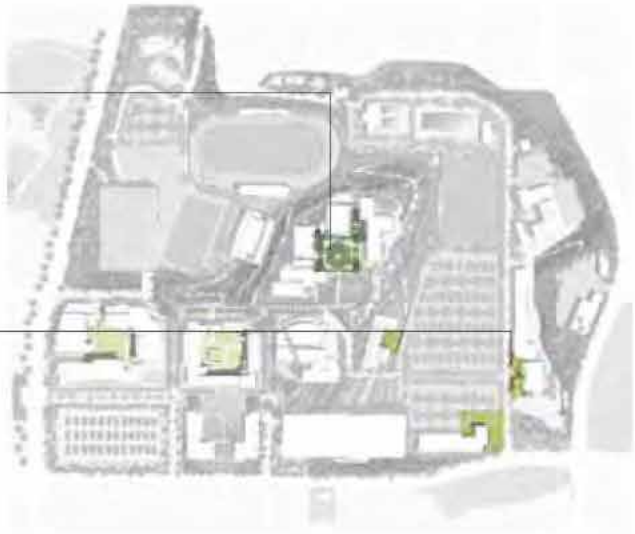
## 3 | COURTYARDS

Evergreen Tree

**CAMPHOR**
*Cinnamomum camphora*

Deciduous Tree

**WESTERN REDBUD**
*Cercis occidentalis*



Perennial Shrub

**SPANISH LAVENDER**
*Lavandula stoechas*

Perennial Shrub

**HUMMINGBIRD SAGE**
*Salvia spathacea*

Deciduous Vine

**DESERT WILD GRAPE**
*Vitis girdiana 'Rodger's Red'*

# LANDSCAPE

## 4 | SLOPESCAPE

Evergreen Tree

**COAST LIVE OAK**

*Quercus agrifolia*

Evergreen Tree

**FOOTHILL PINE**

*Pinus sabiniana*

Evergreen Tree

**BIG BERRY MANZANITA**

*Arcto staphylos glaucus*

Evergreen Shrub

**BLUE ELDERBERRY**

*Sambucus mexicana*

Evergreen Shrub

**Coffeeberry**

*Rhamnus californica*

Evergreen Vine

**YERBA BUENA**

*Satureja douglasii*

# LANDSCAPE

## 5 | ARROYO

Deciduous Tree

**CALIFORNIA SYCAMORE**
*Plantanus racemosa*

Deciduous Tree

**BLACK BIRCH**
*Betula nigra 'Dura-Heat'*

Perennial Grass

**DWARF PURPLE FOUNTAIN GRASS**
*Pennisetum setaceum 'Rubrum Dwarf'*

Perennial Shrub

**DOUGLAS IRIS**
*Iris douglasiana*

# LANDSCAPE

## 6 | RIPARIAN WALK

Deciduous Tree

**WHITE ALDER**

*Alnus rhombifolia*

Deciduous Tree

**ARROYO WILLOW**

*Salix lasiolepis*

Perennial Grass

**BLUE LYME GRASS**

*Leymus arenarius*

Perennial Grass

**BULLRUSH**

*Juncus patens*

# LANDSCAPE

## 7 | CAMPUS PROMENADE

Deciduous Tree

**BIG LEAF MAPLE**
*Accer macrophyllum*

Evergreen Shrub

**DWARF COYOTE BRUSH**
*Baccharis pilularis 'Twin Peaks'*

Evergreen Shrub

**CA GREY SAGEBRUSH**
*Artemisia california 'Canyon Grey'*

Perennial Grass

**DEER GRASS**
*Muhlenbergia rigens*

Perennial Groundcover

**SENECIO**
*Senecio mandraliscae*

Annual Groundcover

**CALIFORNIA POPPY**
*Eschscholzia californica*

# LANDSCAPE

## 8| ALLEES

Evergreen Tree

**COAST LIVE OAK**

*Querus agrifolia*

Evergreen Shrub

**MOUNTAIN LILAC**

*Ceanothus griesus*

Evergreen Shrub

**MONKEY FLOWER**

*Mimulus aurantiacus*

Perennial Shrub

**ALUM ROOT**

*Heuchera maxima*

# LANDSCAPE

## 9 | ATHLETIC LANDSCAPE

Deciduous Tree

**EVERGREEN PEAR**
*Pyrus kawakamii*

Evergreen Tree

**ORANGE TREE**
*Citrus 'Valencia'*

Evergreen Shrub

**DWARF COYOTE BRUSH**
*Baccharis piularis 'Twin Peaks'*

Evergreen Shrub

**BEARBERRY COTONEASTER**
*Cotoneaster dammeri*

Perennial Grass

**DEER GRASS**
*Muhlenbergia rigens*

Evergreen Groundcover

**SENECIO**
*Senecio mandraliscae*

# LANDSCAPE

## 10| ADJACENT STREETSCAPE

Evergreen Tree

**COAST LIVE OAK**
*Quercus agrifolia*

Evergreen Tree

**STRAWBERRY TREE**
*Arbutus unedo*

Evergreen Tree

**HOLLY LEAF CHERRY**
*Prunus illicifolia*

Perennial Grass

**NEW ZEALAND FLAX**
*Phormium tenax*

Perennial Groundcover

**SENECIO**
*Senecio mandraliscae*

Perennial Grass

**DEER GRASS**
*Muhlenbergia rigens*

# LANDSCAPE

## COMPREHENSIVE PLANT LIST

| | BOTANICAL NAME | COMMON NAME | PLANT TYPE |
|---|---|---|---|
| 1. CEREMONIAL ENTRY | *Chilopsis linearis 'Burgundy'* | Desert Willow | Deciduous Tree |
| | *Jacaranda mimosifolia* | Jacaranda | Deciduous Tree |
| | *Ceanothus griesus horizontalis 'Yankee Point'* | Island Ceanothus Carmel Creeper | Evergreen Shrub |
| | *Salvia apiana* | White Sage | Evergreen Shrub |
| | *Artemisia californica 'Canyon Grey'* | Canyon Grey Sagebrush | Evergreen Shrub |
| | | | |
| | | | |
| 2. THE LAWNS | *Umbellularia californica* | CA Bay Laurel | Evergreen Tree |
| | *Heteromeles arbutifolia* | Toyon | Evergreen Shrub |
| | *Muhlenbergia rigens* | Deer Grass | Perennial Grass |
| | *Zauschneria californica 'Orange Carpet'* | CA Fuchsia | Perennial Shrub |
| | *Festuca arundinacea* | Tall Fescue | Perennial Grass |
| | *Cynodon dactylon* | Hybrid Bermuda Grass | Perennial Grass |
| | | | |
| | | | |
| 3. COURTYARDS | *Cinnamomum camphora* | Camphor Tree | Evergreen Tree |
| | *Cercis occidentalis* | Western Redbud | Deciduous Tree |
| | *Ceanothus griseus horizontalis* | Mountain Lilac | Evergreen Shrub |
| | *Salvia apiana* | White Sage | Perennial Shrub |
| | *Salvia spathacea* | Hummingbird Sage | Perennial Shrub |
| | *Rosmarinus officinalis'Prostratus'* | Rosemary | Perennial Shrub |
| | *Lavandula stoechas* | Spanish Lavender | Perennial Shrub |
| | *Festuca glauca 'Elijah Blue'* | Blue Fescue | Perennial Grass |
| | *Vitis girdiana 'Rodger's Red'* | Desert Wild Grape | Evergreen Vine |
| | | | |
| | | | |
| 4. SLOPESCAPE | *Quercus agrifolia* | Coast Live Oak | Evergreen Tree |
| | *Quercus chrysolepis* | Canyon Oak | Evergreen Tree |
| | *Juglans californica* | CA Walnut | Deciduous Tree |
| | *Juniperus occidentalis* | Western Juniper | Evergreen Tree |
| | *Pinus sabiniana* | Foothill Pine | Evergreen Tree |
| | *Metasequoia glypstroboides* | Coast Redwood | Evergreen Tree |
| | *Quercus virginiana* | Southern Live Oak | Evergreen Tree |
| | *Quercus kelloggii* | Kellogg Oak | Evergreen Tree |
| | *Quercus velutina* | Black Oak | Evergreen Tree |
| | *Arctostaphylos glaucus* | Big Berry Manzanita | Evergreen Tree |
| | *Ceanothus griseus horizontalis 'Yankee Point'* | Carmel Creeper CA Lilac | Evergreen Shrub |
| | *Sambucus mexicana* | Blue Elderberry | Evergreen Shrub/Tree |
| | *Ribes sanguineum glutinosum* | Pink Flowered Currant | Deciduous Shrub |
| | *Rhus integrifolia* | Lemonade Berry | Evergreen Shrub |
| | *Ribes viburnifolium* | Catalina Perfume | Evergreen Shrub |
| | *Rhamnus californica* | Coffeeberry | Evergreen Shrub |
| | *Lonicera subspicata denudata* | Southern Honeysuckle | Evergreen Vine |
| | *Satureja douglasii* | Yerba Buena | Evergreen Vine |
| | | | |
| | | | |
| 5. ARROYO | *Platanus racemosa* | CA Sycamore | Deciduous Tree |
| | *Alnus rhombifolia* | White Alder | Deciduous Tree |
| | *Betula nigra'Dura-Heat'* | Black Birch | Deciduous Tree |
| | *Betula platyphylla japonica 'Whitespire'* | Whitespire Birch | Deciduous Tree |
| | *Platanus acerfolia* | London Plane Tree | Deciduous Tree |
| | *Iris douglasiana* | Douglas Iris | Perennial Shrub |
| | *Salvia clevelandii* | Cleveland Sage | Perennial Shrub |
| | *Pennisetum setaceum "Rubrum Dwarf"* | Dwarf Purple Fountain Grass | Evergreen Shrub |
| | | | |
| | | | |
| 6. RIPARIAN WALK | *Salix lasiolepis* | Arroyo Willow | Deciduous Tree |
| | *Alnus rhombifolia* | White Alder | Deciduous Tree |
| | *Cercis occidentalis* | Western Redbud | Deciduous Tree |
| | *Chilopsis linearis 'Burgundy'* | Desert Willow | Deciduous Tree |
| | *Muhlenbergia rigens* | Deer Grass | Perennial Grass |
| | *Leymus arenarius* | Lyme Grass | Perennial Grass |
| | *Sisrinchium bellum* | Blue- eyed Grass | Perennial Grass |
| | *Juncus patens* | CA Gray Rush | Perennial Grass |
| | *Festuca glauca 'Elijah Blue'* | Blue Fescue | Perennial Grass |
| | | | |

# LANDSCAPE

## COMPREHENSIVE PLANT LIST

| | BOTANICAL NAME | COMMON NAME | PLANT TYPE |
|---|---|---|---|
| 7. CAMPUS PROMENADE | *Washingtonia filifera* | CA Fan Palm | Evergreen Tree |
| | *Acer macrophyllum* | Big Leaf Maple | Deciduous Tree |
| | *Ginkgo biloba* | Ginkgo | Deciduous Tree |
| | *Muhlenbergia rigens* | Deer Grass | Perennial Grass |
| | *Baccharis pilularis'Twin Peaks'* | Dwarf Coyote Brush | Perennial Shrub |
| | *Artemisia californica 'Canyon Grey'* | Canyon Grey Sagebrush | Evergreen Shrub |
| | *Eriogonum fasciculatum* | CA Buckwheat | Perennial Shrub |
| | *Eschscholzia californica* | CA Poppy | Perennial Groundcover |
| | *Senecio mandraliscae* | Senecio | Evergreen Groundcover |
| | | | |
| | | | |
| 8. ALLEES | *Quercus agrifolia* | Coast Live Oak | Evergreen Tree |
| | *Iris douglasiana* | Douglas Iris | Perennial Shrub |
| | *Ceanothus griseus horizontalis 'Yankee Point'* | Mountain Lilac | Evergreen Shrub |
| | *Mimulus (Diplacus) aurantiacus* | Sticky Monkeyflower | Perennial Shrub |
| | *Heuchera maxima, micrantha* | Alum Root | Perennial Shrub |
| | | | |
| | | | |
| 9. ATHLETIC LANDSCAPE | *Pyrus kawakamii* | Evergreen Pear | Deciduous Tree |
| | *Baccharis pilularis'Twin Peaks'* | Dwarf Coyote Brush | Perennial Shrub |
| | *Cotoneaster dammeri* | Bearberry Cotoneaster | Evergreen Shrub |
| | *Muhlenbergia rigens* | Deer Grass | Perennial Grass |
| | *Senecio mandraliscae* | Senecio | Evergreen Groundcover |
| | | | |
| | | | |
| 10. ADJACENT STREETSCAPE | *Prunus illicifolia* | Hollyleaf Cherry | Deciduous Tree |
| | *Arbutus unedo* | Strawberry Tree | Evergreen Tree |
| | *Quercus agrifolia* | Coast Live Oak | Evergreen Tree |
| | *Phormium tenax'Atropurpureum Compactum'* | New Zealand Flax | Background Grass |
| | *Muhlenbergia rigens* | Deer Grass | Perennial Grass |
| | | | |
| | | | |

References:
Riverside MWD, Western's Waterwise 140, Recommended Plant List
California Green Solutions, Common California Native and Naturalized Plants
Las Pilitas, Planting Under Oak Trees Guide
Southern California MWD, Plants for Southern California Homes
Susent, Western Garden, 2007
UCR Botanical Garden Natives Plant List, www.gardens.ucr.edu/gardens/siteplants.html

* Plant with ample space in between plant, site furnishing and other site amenities to avoid crowding.

# LANDSCAPE

## COMPREHENSIVE PLANT LIST NOTES

1. When not specified, use a single variety of the species listed throughout the project to maintain consistency.

2. Avoid materials with limited distribution. Plant materials that are only distributed by a single grower may become unavailable or available only at a premium cost.

3. All trees to be inspected and approved by the client or client's representative. Purchase of trees to be verified by receipt at time of delivery.

4. All plant material coming from Red Fire Ant (RFA) regions must be accompanied by RFA free certificate. All plant material and sources must be approved by client or client's representative. Plant material must be inspected and may be rejected by client or client's representative at time of delivery.

5. Avoid placement of trees with significant fruit or flower drop over walkways, seating, or parking.

6. Identify current pest and diseease issues for each plant species. Review plant list at each Horizon to determine if substitutions are necessary to avoid species decimation from pest and/or disease.

7. Trees to be preserved in place must be protected and maintained during construction activites. The area 20% to 40% beyond the dripline of the tree must not be used for any purposes during construction including lunch and breaks for workers, storage, or for parking. Contractor is responsible for providing trees with deep irrigation and managing resultant runoff during construction.

8. Identify the feeding field of all trees to be preserved. Make sure impervious surfaces to be installed are not built over feeding fields.

9. Design drawings to include plant material and irrigation as-builds. To protect the integrity of the designer's intent though the life cycle of the project, designers should also include a maintenance manual describing the critical procedures for sustaining the intended planting scheme.

10. Soil amendment will be based recommendation of reputable soil label. Soil lab will take multiple representative soil samples for each landscape site. Soil amendments are to be purchased from agreed upon sources and verified with presentation of receipts at time of delivery (or).

11. Test all tree wells and planting pits for adequate drainage using standard methods.

12. Install geotextile weed barriers and 2" to 4" of mulch for all tree wells and planting beds.

13. Make sure tree wells for trees to be planted in turf areas are sized adequately. Tree wells in turf areas should be mulched and irrigated by a sub-surface irrigation system separate from the system intended for turf irrigation. The placement of rotors for turf irrigation should take into consideration the location of both existing and proposed tree wells to avoid water sprays from hitting tree trunks and to avoid over watering.

14. Where trees are to be planted in close proximity to sidewalks, provide root barriers along sidewalks to prevent sidewalk lift.

15. Banners and ornamental lighting should not be applied to trees until the trees have situated themselves and are strong enough to sustain additional weight. Consult Maintenance and Operations before application.

# LANDSCAPE

## SITE FURNISHING

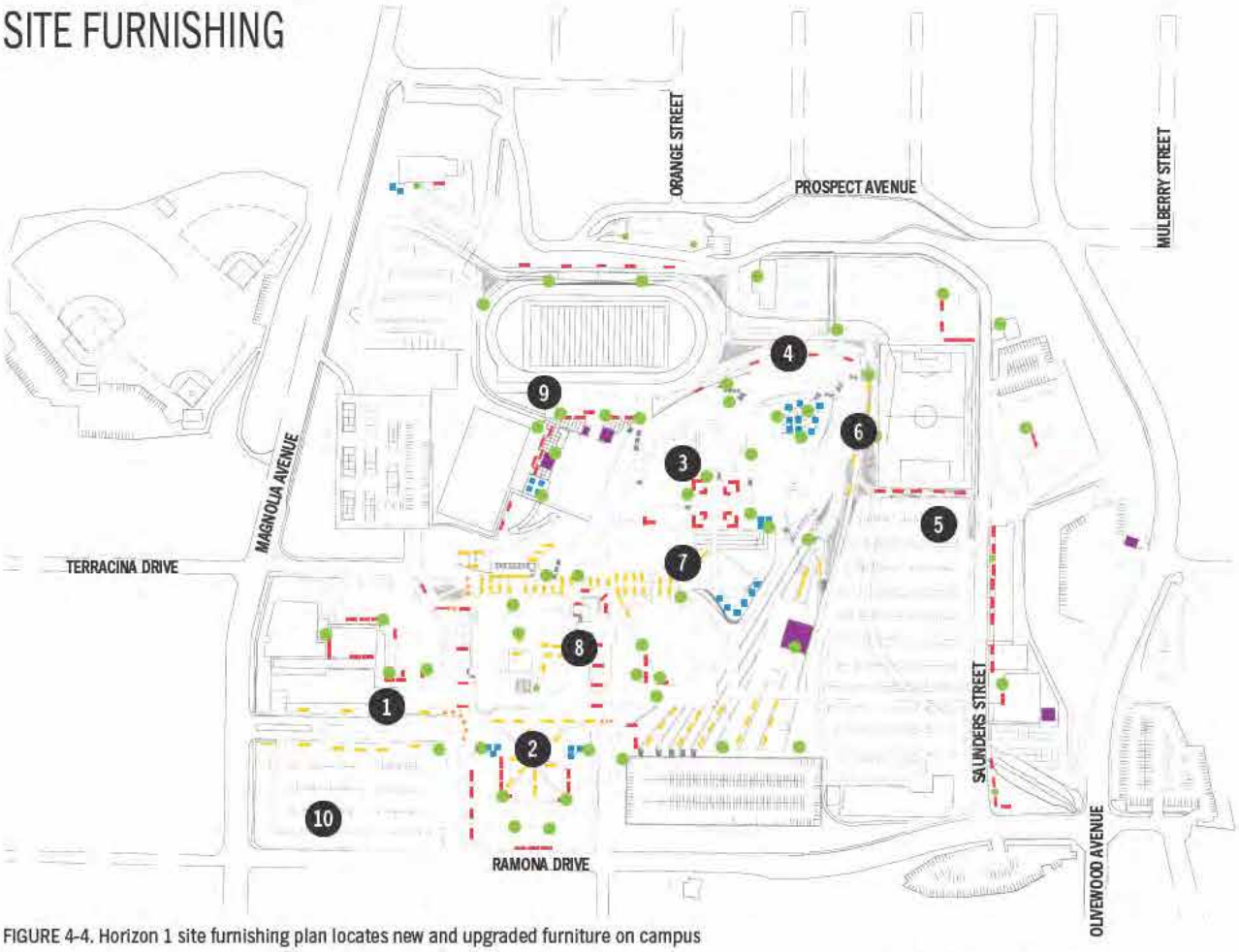



FIGURE 4-4. Horizon 1 site furnishing plan locates new and upgraded furniture on campus

### LEGEND

- CONCRETE BENCH FIXED
- ACCENT BENCH FIXED
- TABLES + SEATING FIXED
- COMBINATION BENCHES + TABLES AND SEATING
- WASTE RECEPTACLES
- BOLLARDS

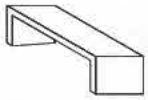
**LANDSCAPE PLACES**

| | |
|---|---|
| 1 | CEREMONIAL ENTRY |
| 2 | THE LAWN |
| 3 | COURTYARDS |
| 4 | SLOPESCAPE |
| 5 | ARROYO |
| 6 | RIPARIAN WALK |
| 7 | CAMPUS PROMENADE |
| 8 | ALLEES |
| 9 | ATHLETIC LANDSCAPE |
| 10 | ADJACENT STREETSCAPE |

0' 250' 500'

# LANDSCAPE

## SITE FURNISHING



**STANDARD BENCH**
FIXED CONCRETE

PRE-CAST CONCRETE

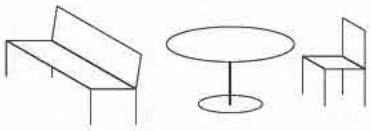
QUICK CRETE
'HOLLYWOOD' #Q2HD60B*'
http://www.quickcrete.com

**ACCENT BENCH**
RECYCLED POLYSITE+METAL

LANDSCAPEFORMS
'GRETCHEN'
http://www.landscapeforms.com

**TABLES +SEATING**
FIXED

LANDSCAPEFORMS
'GRETCHEN'
http://www.landscapeforms.com



**COMBINATION**
BENCHES / TABLES+SEATING

[SAME AS ACCENT BENCH ABOVE]

# LANDSCAPE

## SITE FURNISHING

### WASTE RECEPTACLES

RECYCYCLED POLYSITE AND METAL

'CONCRETE LITTER CONTAINER
W/CONVEX SPUN LID'
http://www.parkequipmentpro.com

[OR MATCH EXISTING WITH CONCRETE
WASTE RECEPTACLES]

### WASTE RECEPTACLES

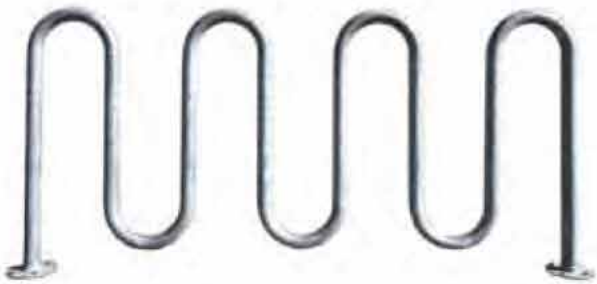
POWDER-COATED STEEL
COLOR: SILVER

LANDSCAPEFORMS
'CHASE PARK'*, 'PETOSKEY'*, OR
'SCARBOROUGH'*
http://www.landscapeforms.com

### BIKE RACK
FIXED

GALVANIZED STEEL
COLOR: SILVER

[AS NEEDED]



### BOLLARDS

LANDSCAPE FORMS
'ANNAPOLIS'
REMOVABLE BOLLARD WITH SOLAR LIGHTING

*OR SIMILAR TO BE APPROVED BY CLIENT.

# LANDSCAPE

## HARDSCAPE

### STAMPED CONCRETE AND ASPHAULT




### CONCRETE UNIT PAVERS




### COLORED CONCRETE




### GLARE REDUCED CONCRETE




### DECOMPOSED GRANITE AND GRAVEL




Note: Not to be used for primary pathways.

### INNOVATIVE MATERIALS


RECYCLED RUBBER TIRE PATH


SUSTAINABLY HARVESTED IPE WOOD


PERVIOUS CONCRETE & ASPHAULT


TURF BLOCK PAVERS

# LANDSCAPE

## HARDSCAPE

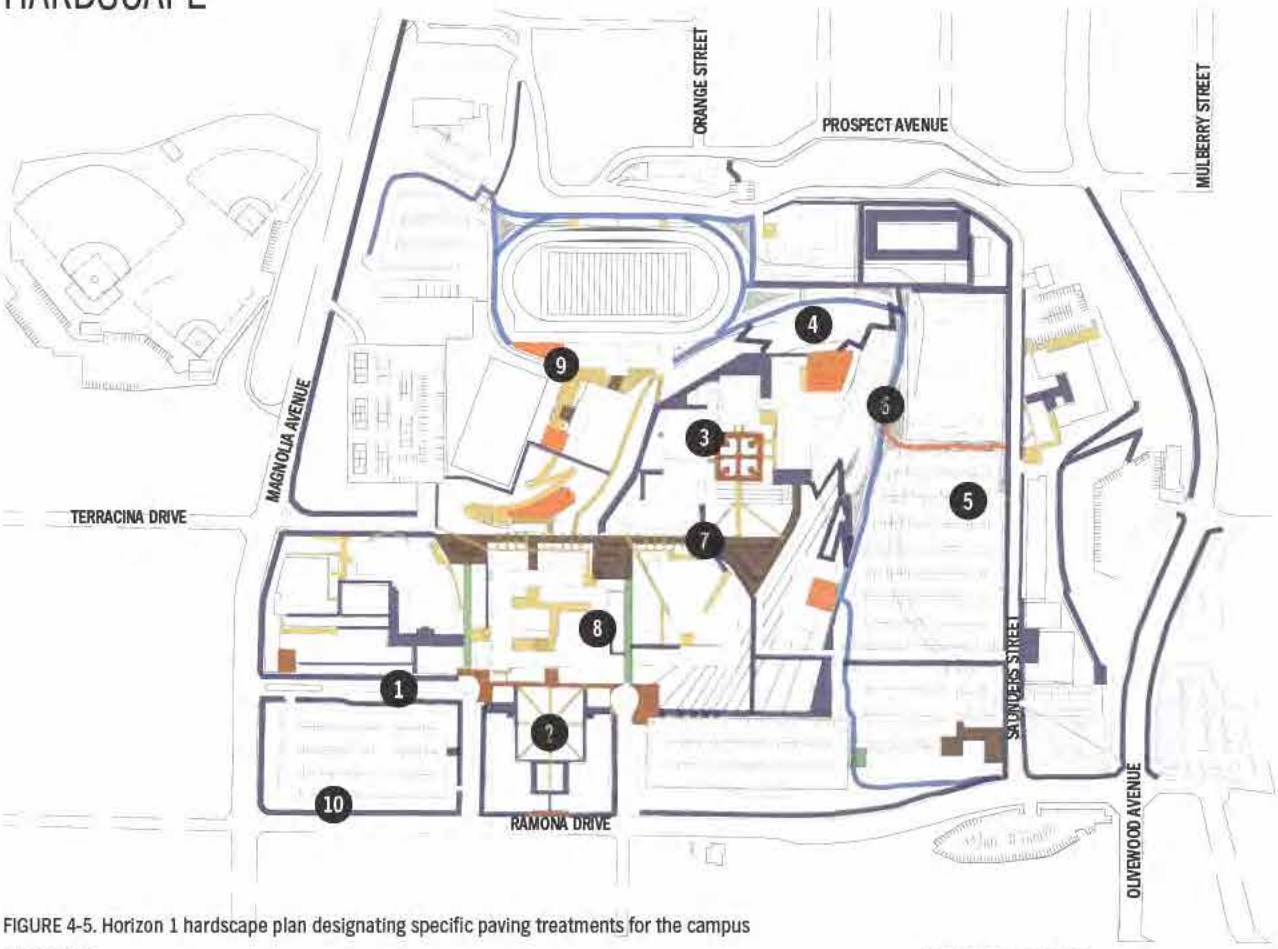



FIGURE 4-5. Horizon 1 hardscape plan designating specific paving treatments for the campus

### LEGEND

- CONCRETE UNIT PAVERS — MAIN PLAZAS / SPECIAL USE AREAS
- STAMPED CONCRETE — COURTYARDS / ENTRY PLAZAS / DROP-OFFS
- DECOMPOSED GRANITE — SECONDARY COURTYARDS /PARKING ADJACENT PLAZAS
- COLORED CONCRETE — MAJOR PATHWAYS
- GLARE REDUCED CONCRETE — HIGH TRAFFIC AREAS / HIGH VOLUME USE
- TURF BLOCK PAVERS — PATHS REQUIRING VEHICULAR ACCESS
- RECYCLED RUBBER PATH — EXERCISE LOOP

**LANDSCAPE PLACES**

| | |
|---|---|
| 1 | CEREMONIAL ENTRY |
| 2 | THE LAWN |
| 3 | COURTYARDS |
| 4 | SLOPESCAPE |
| 5 | ARROYO |
| 6 | RIPARIAN WALK |
| 7 | CAMPUS PROMENADE |
| 8 | ALLEES |
| 9 | ATHLETIC LANDSCAPE |
| 10 | ADJACENT STREETSCAPE |

0' 250' 500'

# LANDSCAPE

## IRRIGATION WATER CONSERVATION

1. Install drip irrigation systems

2. Install self-adjusting controllers (water emitted is based on weather patterns)

   (By complying to irrigation methods 1 and 2, a 30%-40% savings in water costs can be achieved.)

3. Flow sensor in conjunction with a master valve – provides automatic shut-off in event of main line break or faulty (stuck open) valve

4. Spray heads – integral pressure regulator holds pressure at 30 pounds which eliminates misting. Also, integral flow stop device will restrict flow in case nozzle is broken off by vandalism or moving

5. Central control system - Ability to monitor the system more centrally and closely

6. Plant type:

   a. Low - .25 landscape coefficient(50% savings)

   b. Moderate - .5 landscape coefficient (50% savings)

   c. High - 1 landscape coefficient (0% savings)

7. Recommended products:

   a. Toro

   b. Rainbird

   c. Rain Master - for control systems

# LANDSCAPE

## IRRIGATION

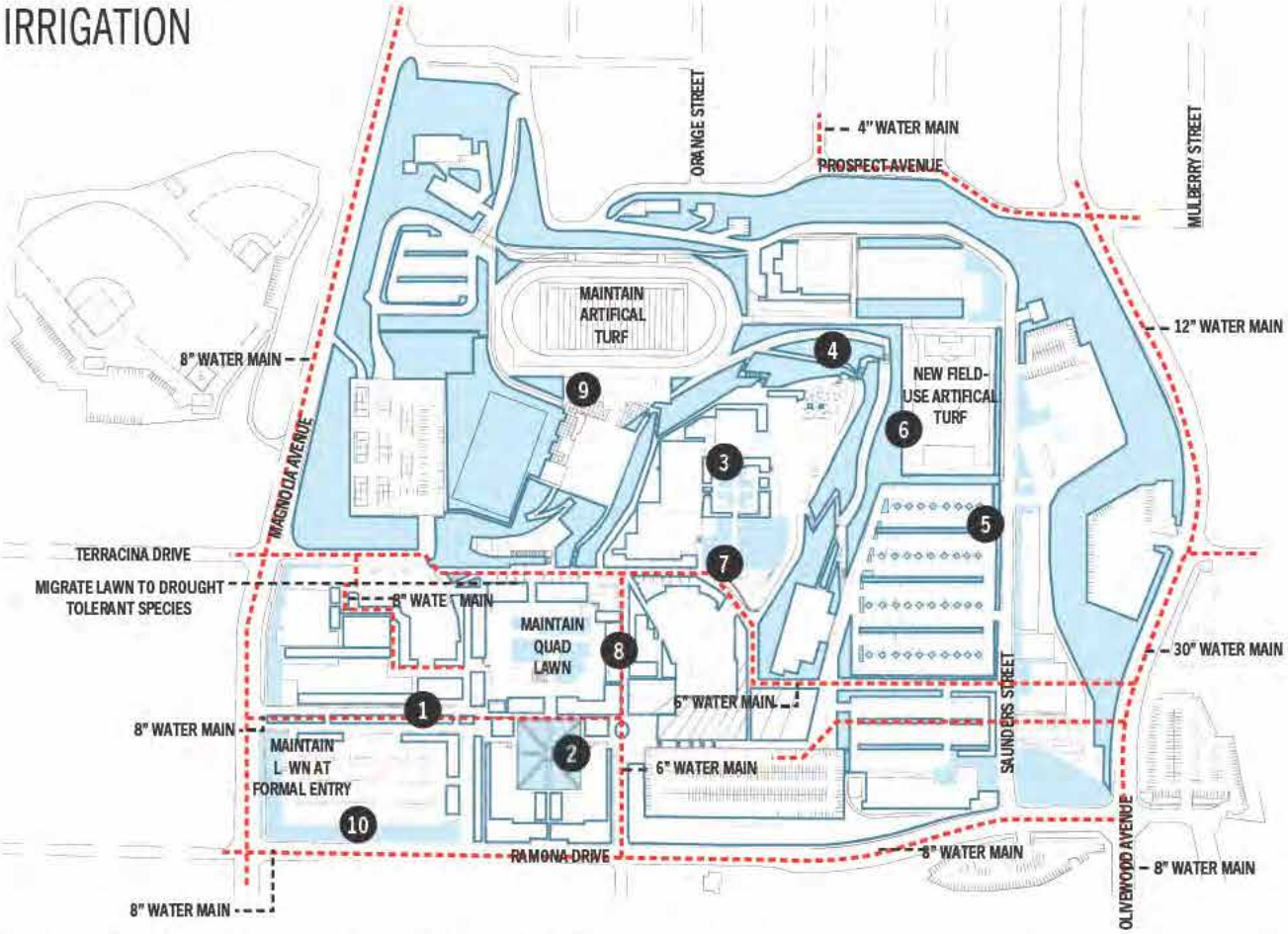



FIGURE 4-6. Horizon 1 irrigation plan showing distribution of irrigation methods and water sources

### LEGEND

- **INLINE DRIP**
  ONLY AT ESTABLISHMENT. LOW WATER USE THEREAFTER.
- **ROTORS**
  SPRAY HEADS AT LAWN
- **INLINE DRIP IRRIGATION**
  AT SHRUBS AND GROUNDCOVER
- **EXISTING WATER MAINS**
  TIE NEW IRRIGATION SYSTEMS INTO EXISTING WATER MAINS LOCATED ALONG ADJACENT STREETS. PROVIDE BACKFLOW PREVENTOR AT EACH POINT OF CONNECTION. SURVEY EXISTING IRRIGATION LINES TO SUPPORT NEW LINES

**LANDSCAPE PLACES**

| | |
|---|---|
| 1 | CEREMONIAL ENTRY |
| 2 | THE LAWN |
| 3 | COURTYARDS |
| 4 | SLOPESCAPE |
| 5 | ARROYO |
| 6 | RIPARIAN WALK |
| 7 | CAMPUS PROMENADE |
| 8 | ALLEES |
| 9 | ATHLETIC LANDSCAPE |
| 10 | ADJACENT STREETSCAPE |

NOTE:
IRRIGATION SYSTEM AND IRRIGATION CONTROLLERS SHOULD BE COMPATIBLE WITH EXISTING CENTRAL CONTROL SYSTEM. ANY UPGRADE TO THE EXISTING SYSTEM MUST IMPROVE WATER CONSERVATION AND MUST BE APPROVED BY THE RCC MAINTENANCE AND OPERATIONS.

0' 250' 500'

# SUSTAINABILITY SUMMARY

## CAMPUS SUSTAINABILITY

Sustainability is a common and relevant topic for the college as it continues to develop. The Sustainability Guidelines for this master plan have been developed as a resource for discussion around sustainability at the college. The guidelines have been divided into six strategy areas:

- Ecosystem / Landscape
- Energy Efficiency / Renewable Energy
- Recycle and Waste Management
- Water
- Green Buildings
- Transportation

Each section discusses possible implementation strategies for the college to use in its efforts toward becoming a more sustainable institution.

The resources section lists locations and organizations that can provide additional information on the strategy areas. These resources are a small selection intended to begin the process of finding best practices with regard to the implementation of sustainability.

The goal of providing the Sustainable Guidelines is to facilitate the discussion at the college about sustainability. As more and more institutions and businesses incorporate green practices, the campus will need to formulate more concrete strategies and outcomes for reducing its ecological footprint.

*Rooftop photovoltaic array at Harvard University*

*Wind farm in California provides alternative forms of energy generation*

*Green roof material to reduce energy costs and create more green space*

# SUSTAINABILITY

## ECOSYSTEM / LANDSCAPE

- Conserve Resources: Planting climate appropriate species (i.e. xeriscaping)
- Restore native vegetation: Encourage habitat for native fauna
- Reduce landscape resource consumption: Remove invasive and non-native species
- Minimize water dependent grasses: Reduce campus area designated for manicured lawns because of climate location
- Retain Soil: Incorporate planting and permeable materials for land retention and slope stabilization
- Reduce Heat Island Effect: Incorporate materials with high Solar Reflectance Indexes (i.e. vegetation and light colored paving) to reduce heat absorption and relative warmer temperatures.



## ENERGY EFFICIENCY / RENEWABLE ENERGY

- Light Pollution Reduction: Locate light zones and identify unnecessary lighting levels, place non-emergency interior lighting on automatic control systems to be turned off during non-use time, include manual override for exceptions.
- Photovoltaics: Incorporate PV systems where applicable (i.e. roofs, parking canopies, lamp poles)
- Cool Roofs: Reduces energy loads on building
- Green Power: Purchase grid-supplied electricity from renewable sources
- Energy Efficiency Appliances: Identify products catagories that have Energy Star rated appliances for purchase to upgrade on-campus products.
- LED lights: Incorporate light fixtures with LED lamps for reduced energy consumption.





# SUSTAINABILITY

## RECYCLING / WASTE MANAGEMENT

- Waste Reduction: Implement campus recycle program by identifying materials to be recycled; green waste, plastic, paper, glass aluminum
- Campus Wide Recycling: Locate recycle bins through out campus in common spaces for student and faculty convenience.

## WATER

- Low Flow Fixtures: Incorporate water efficient/ waterless appliances to reduce total campus water use.
- Grey Water System: Effective in reducing campus water consumption and maximize non-potable water potential.
- Drip Irrigation Systems: Regularizes water distribution through out the landscape saving from over saturated ground soil.
- Maintenance: Minimize leaks and maintain fixtures to run as efficiently as possible.

# SUSTAINABILITY

## GREEN BUILDINGS

- Cross Ventilation: Incorporate operable windows to reduce HVAC energy loads.
- Indoor Air Quality: Reduce use of VOC materials.
- Thermal Comfort: Include sun shading devices appropriate for building orientation (i.e. South facing - horizontal, West and East facing - vertical)
- Waste Diversion: Minimize construction material waste by diverting a portion to recycle centers
- Building Materials: Incorporate materials that have short harvest cycles and are sustainably certified
- Reduce Ozone Depletion: Use zero CFC-based HVAC&R systems






## TRANSPORTATION

- Alternative Fuel Vehicle: Supplement campus vehicles with renewable fuel vehicles (i.e. GEM, CNG, hybrid)
- Ride Sharing: Provide preferred parking for carpools and van pools as incentive.
- Alternative Means of Transportation: Include bike stands in convient locations to student used spaces.
- Forum for Carpool: Designate an area for ride sharing to be posted, viewed and arranged.
- Pedestrian Accessibility: Connect to trail networks, provide sidewalks, loop trails within campus.



# SUSTAINABILITY

## EDUCATIONAL INSTITUTIONS

| | |
|---|---|
| UC Sustainability Policies and Best Practices | http://www.ucop.edu/facil/sustain/welcome.html |
| UC Riverside Sustainability | http://www.ehs.ucr.edu/sustainability/default.asp |
| CSU Commitment to Sustainability | http://www.calstate.edu/cpdc/sustainability/ |
| Campus Zero Waste | http://www.grrn.org/campus/index.html |
| University of British Columbia Sustainability Office | http://www.sustain.ubc.ca/ |
| Harvard Green Campus Initiative | http://www.greencampus.harvard.edu/ |
| Univeristy of Colorado Environmental Cetner | http://ecenter.colorado.edu/index.html |
| Campus President's Climate Commitment | http://www.presidentsclimatecommitment.org/ |

# SUSTAINABILITY

## ECONOMIC INCENTIVES

| | |
|---|---|
| Savings by Design | http://www.savingsbydesign.com/ |
| Environmental Protection Agency Economic Support | http://www.epa.gov/ebtpages/economics.html |
| Environmental Grantmaking Foundations | http://www.environmentalgrants.com/ |
| Energy Star | http://www.energystar.gov |
| Flex Your Power - Riverside Institution Initiatives | http://www.fypower.com/inst/tools/rgl_results.html?z=92506&s=inst |
| Flex Car | http://www.flexcar.com/ |
| Flex Car & UCLA Collaboration | http://www.flexcar.com/Default.aspx?tabid=495 |
| Grants.Gov - variety of grant opportunity | http://www.grants.gov/ |
| U.S. Department of Energy - Energy Efficiency and Renewable Energy | http://www.eere.energy.gov/ |
| California's Emerging Renewables Buy Down Program | http://www.consumerenergycenter.org/erprebate/index.html |
| Riverside Public Utility Rebates | http://www.riversideca.gov/utilities/business.asp |
| DSIRE - Renewable Energy Incentives by State | http://www.dsireusa.org/ |
| Go Solar California | http://www.gosolarcalifornia.ca.gov/ |

# SUSTAINABILITY

## AGENCIES

| | |
|---|---|
| USGBC - Leadership in Energy and Environmental Design (LEED™) | http://www.usgbc.org/ |
| USGBC - On Campus Building Projects | http://www.usgbc.org/DisplayPage.aspx?CMSPageID=276 |
| ASHRAE - American Society of Heating, Refrigerating and Air-Conditioning Engineers | http://www.ashrae.org/ |
| ASLA - Sustainable Design and Development | http://host.asla.org/groups/sddpigroup/documents.htm |
| AASHE - Assocaition for the Advancement of Sustainability in Higher Education | http://aashe.org/ |
| Green-e | http://www.green-e.org/ |
| Green Riverside | http://www.riversideca.gov/utilities/comm-gp.asp |
| CURE - Clean Up Riverside's Environment | http://www.riversideca.gov/cure/ |

## OTHER RESOURCES

| | |
|---|---|
| University of Virginia Solar Decathlon Entry | http://faculty.virginia.edu/solarhome/ |
| NASA Earth Observatory | http://earthobservatory.nasa.gov/ |
| NOAA Artic Climate Change | http://www.arctic.noaa.gov/detect/index.shtml |
| UN Intergovernmental Panel on Climate Change | http://www.ipcc.ch/ |

# SIGNAGE SUMMARY

## PURPOSE

The purpose of the Riverside City College Signage Guidelines is to establish a comprehensive identification and wayfinding system for the RCC campus. The RCC Signage Guidelines will outline project objectives and establish a foundation for an environmental branding criteria and design strategy.

## PROJECT GOALS

**Reinforce RCC's Identity**

Reinforcing the Riverside City College identity will help to create a memorable campus experience and will serve to foster and strengthen a positive perception of the college. A strong campus identity at the campus' perimeter and edges will help to strengthen RCC's presence in the community.

**Improve Campus Wayfinding**

The campus wayfinding system can be improved by establishing consistent and intuitive signage. The elements in creating consistent signage rely heavily on style, typography, color, scale and materials. The visitor's experience will be enhanced by key placement of directional signs. Using appropriate sign scales and sign locations will maximize identity and legibility of signage. Establishing a consistent hierarchy of sign types and messages will create an intuitive signage system that will be user friendly. All signage shall be designed to meet all local, state, and national codes.

**Design a flexible system**

Designing a system that is easily changeable and updatable will help facilitate maintenance, repair, reprogramming and replacement. This can be achieved by creating a modular sign system. Modular sign panels can be removed from their posts for quick and effortless maintenance. Using applied vinyl text can be beneficial because it can be easily replaced.

## SIGN LEGEND

The Sign Legend categories include Identification, Direction, Information, Regulation and Temporary Signage. These categories are organized to create an intuitive and hierarchal system of signage and wayfinding for the end user.

**Identification Signs**

These signs identify the RCC campus site, buildings, parking lots, departments within buildings and rooms.

**Directional Signs**

Provide wayfinding and direction for vehicles on campus, pedestrians on campus and pedestrians within building hallways

**Information Signs**

Consist of directories and kiosks. These provides location information for buildings, departments, rooms and other designated areas on the campus.

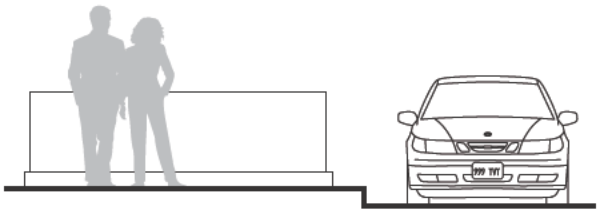
**Regulation Signs**

Consist of fire safety signs such as evacuation maps, maximum occupancy notices and no smoking signs. These signs are required per fire and ADA codes.

**Temporary Signage**

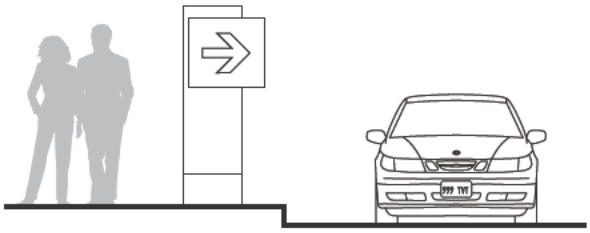
Consist of banners, and removable vinyls on existing signage. These are used for special events such as registration days, open house, concerts, exhibitions and such.

# SIGN TYPE MENU



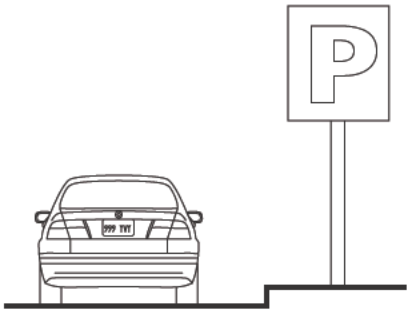
1 PRIMARY CAMPUS GATEWAY ID

- Located at major entrances to campus and major street traffic intersections
- Contains school name and logo and school color
- Dynamic signage at key locations



2 VEHICLE DIRECTION

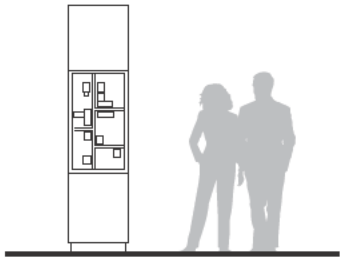
- Provides directional information to vehicular traffic
- Directs to major destination points
- Located at major intersections and decision points




3 PARKING ID

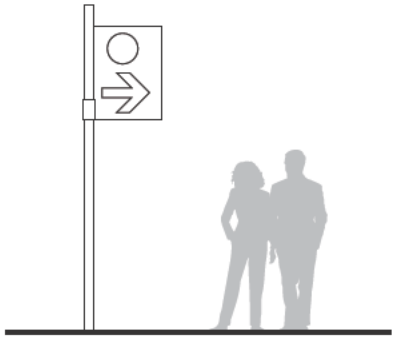
- Clearly identifies parking areas and lot numbers.
- Contains restrictive information
- Located at entrance of parking lot
- Can be seen from a distance

# SIGN TYPE MENU



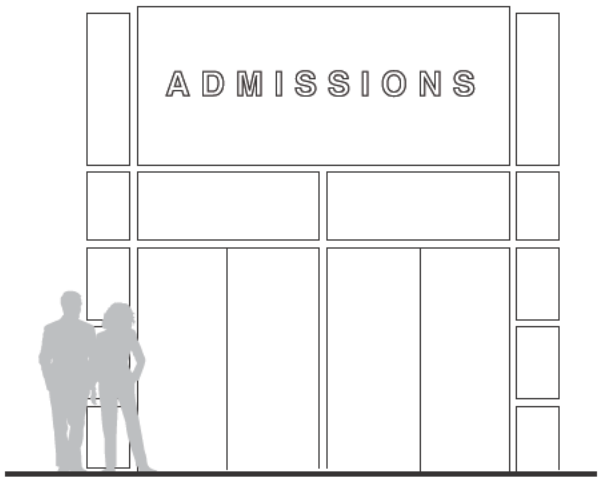
4 INFORMATION KIOSK / MAP

- Provides building and department location information
- Located and at major pedestrian intersections and congregation areas



5 PEDESTRIAN DIRECTION

- Provides directional information to pedestrian traffic
- Directs to major destination points
- Located at major intersections and decision points




6 PRIMARY BUILDING ID

- Clearly marks building
- Can be seen from a distance

# HORIZON 1

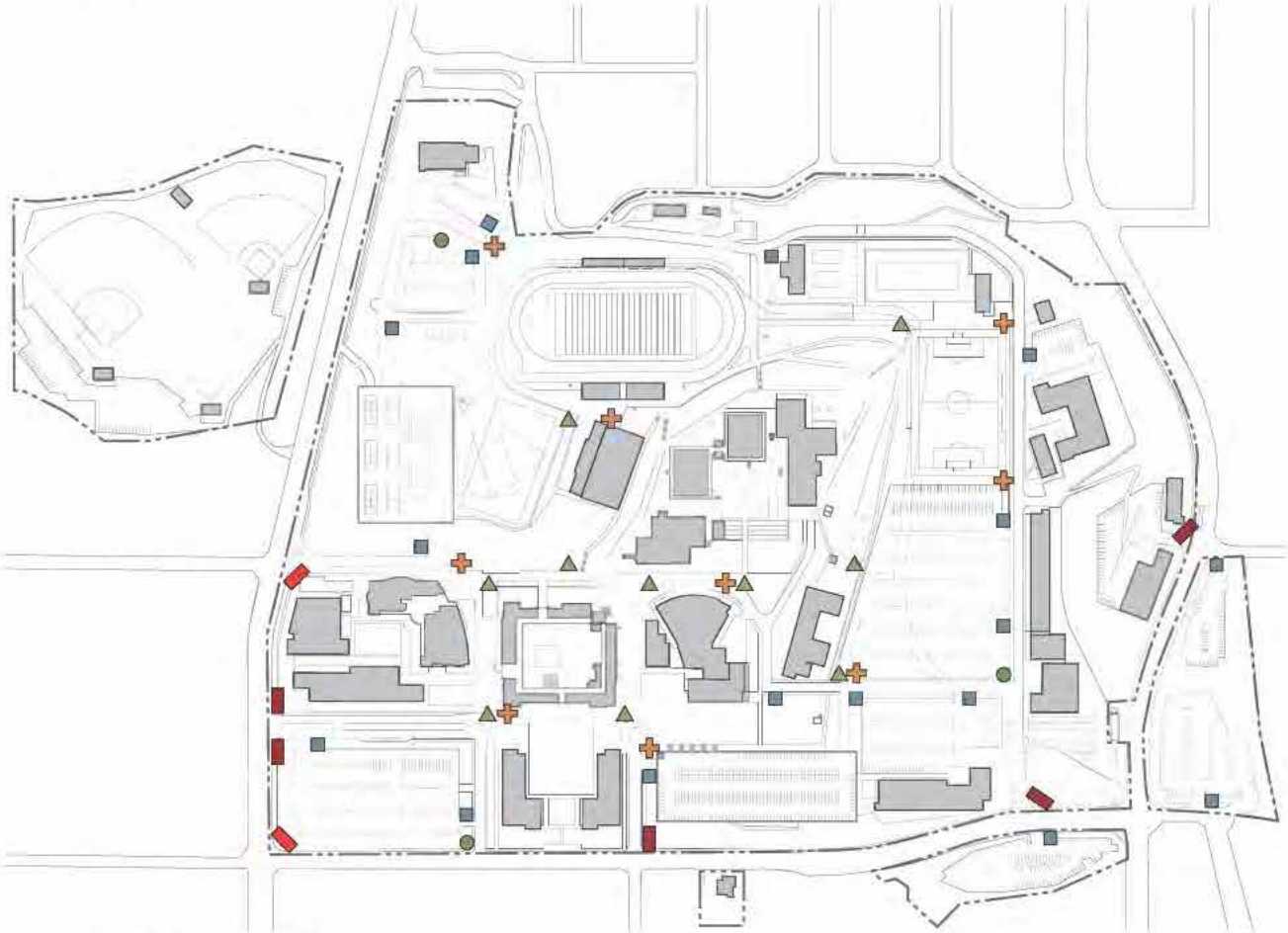
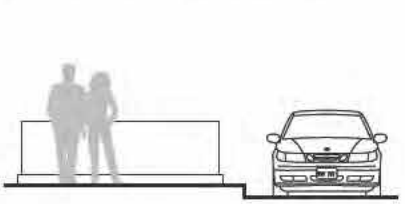


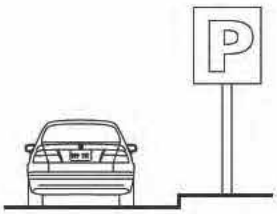
FIGURE 4-7. Horizon 1 sign location plan.



1 PRIMARY CAMPUS GATEWAY ID

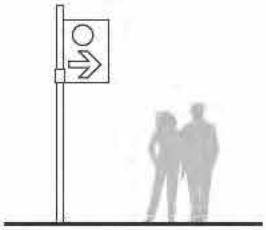
1.1 PRIMARY CAMPUS GATEWAY ID (DYNAMIC)

2 VEHICLE DIRECTION

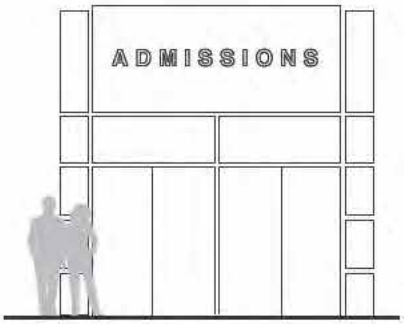



3 PARKING ID

4 INFORMATION KIOSK / MAP



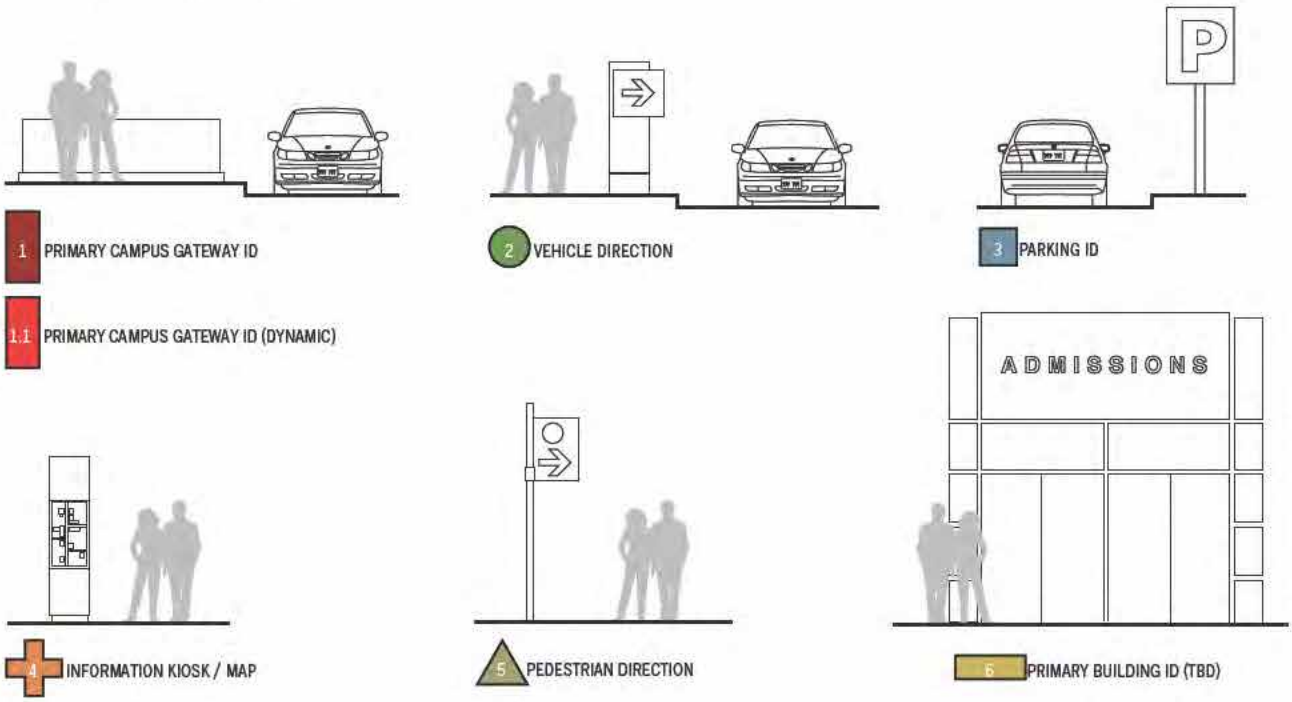
5 PEDESTRIAN DIRECTION



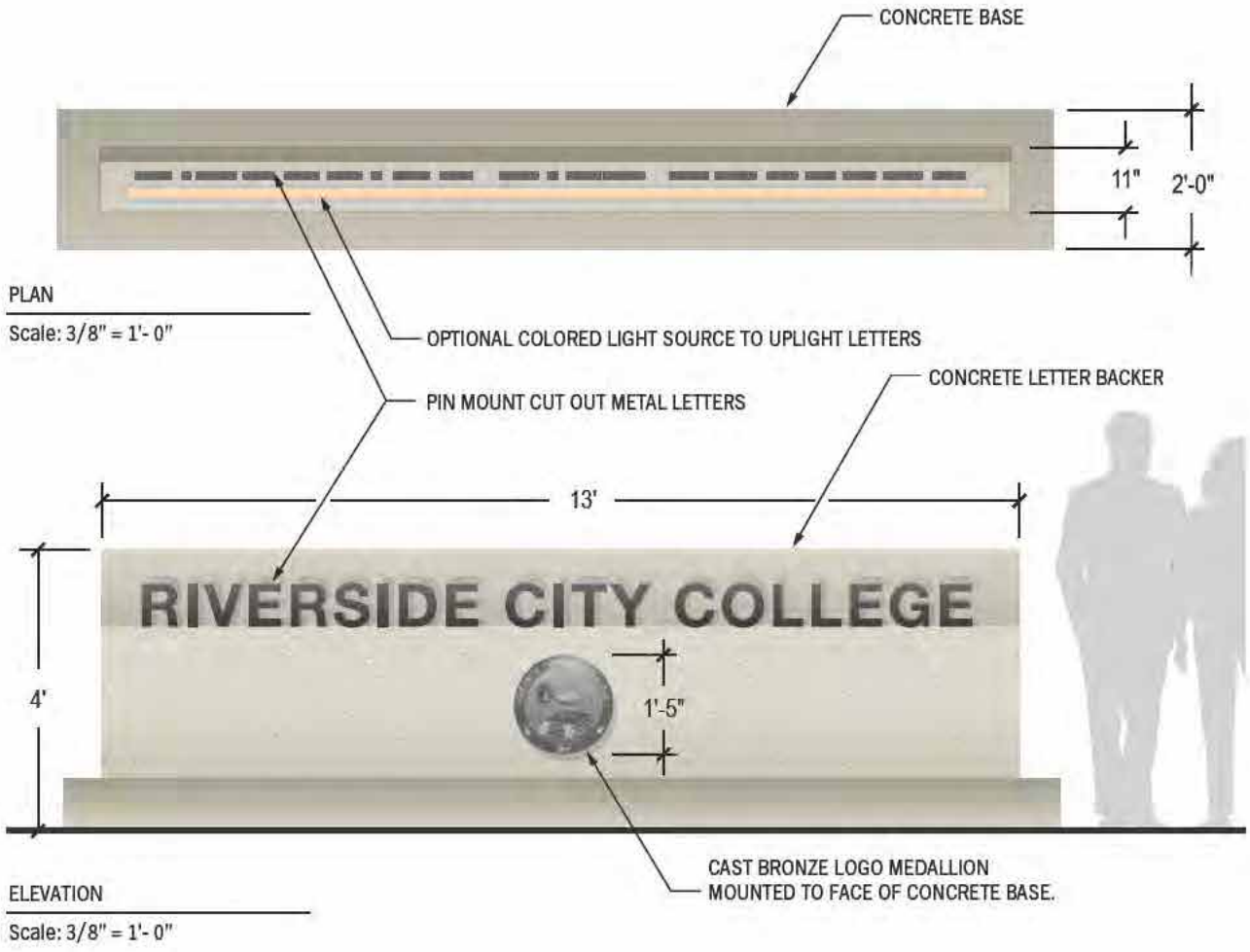

6 PRIMARY BUILDING ID (TBD)

# HORIZON 2

FIGURE 4-8. Horizon 2 sign location plan.

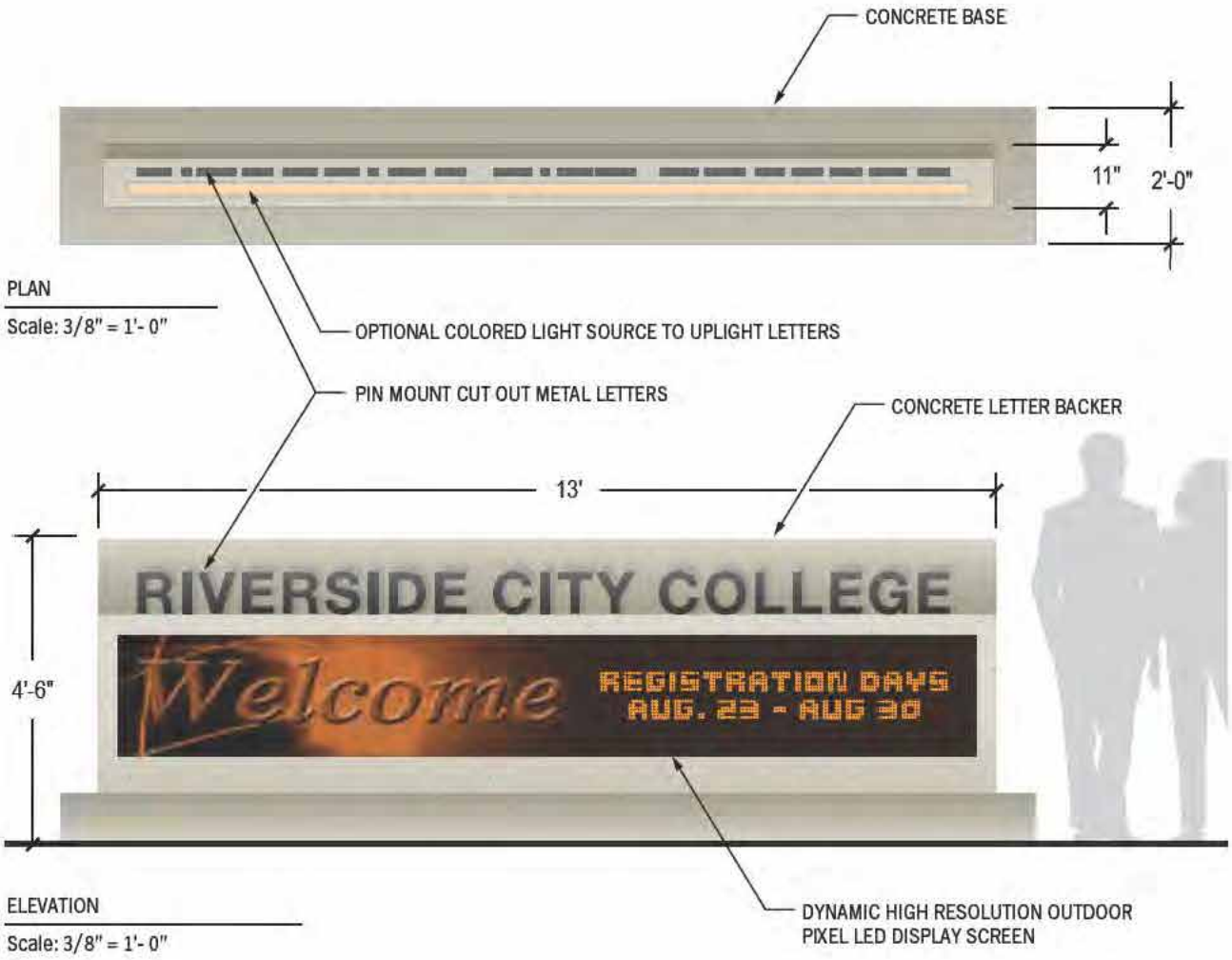


# 1 - PRIMARY CAMPUS GATEWAY ID



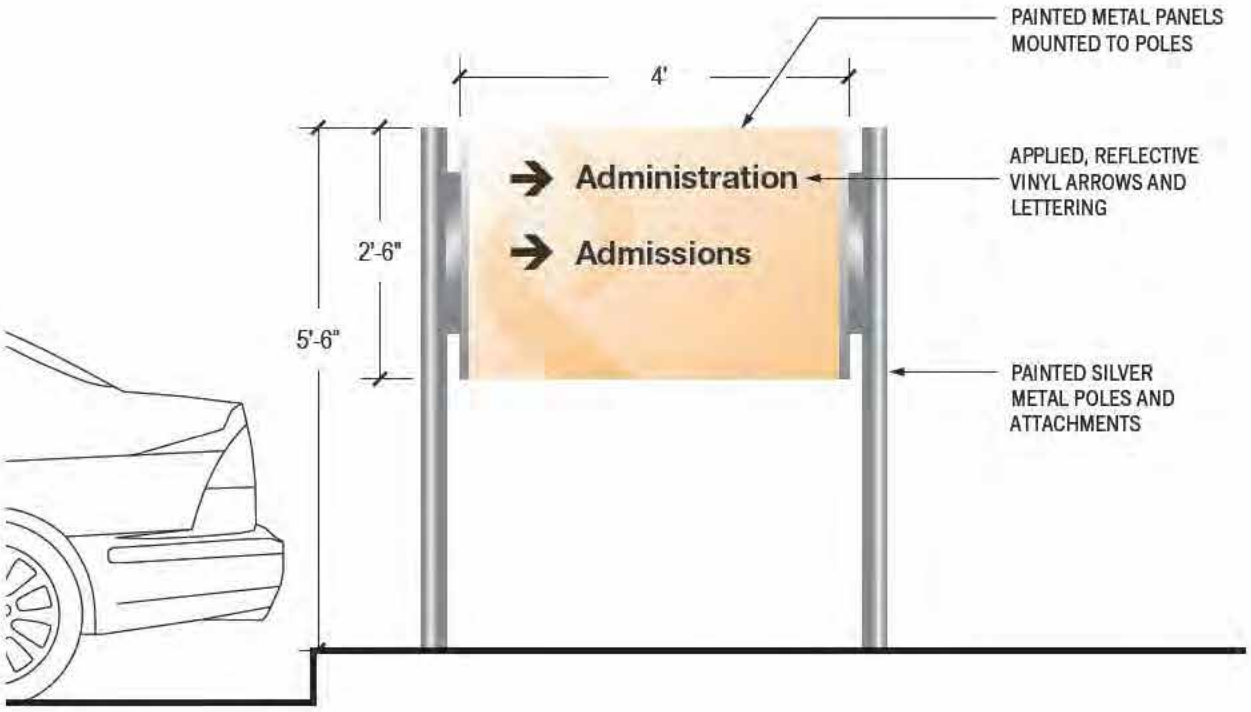

- Located at major entrances to campus and major street traffic intersections
- Contains campus name and logo
- Metal logo typeface to be uplit with school's color

# 1.1 - SECONDARY DYNAMIC GATEWAY ID




- Located at major entrances to campus and major street traffic intersections
- Contains campus name and logo
- Metal logo typeface to be uplit with school's color
- Utilizes high-resolution LED message display board

# 2 - VEHICULAR DIRECTION

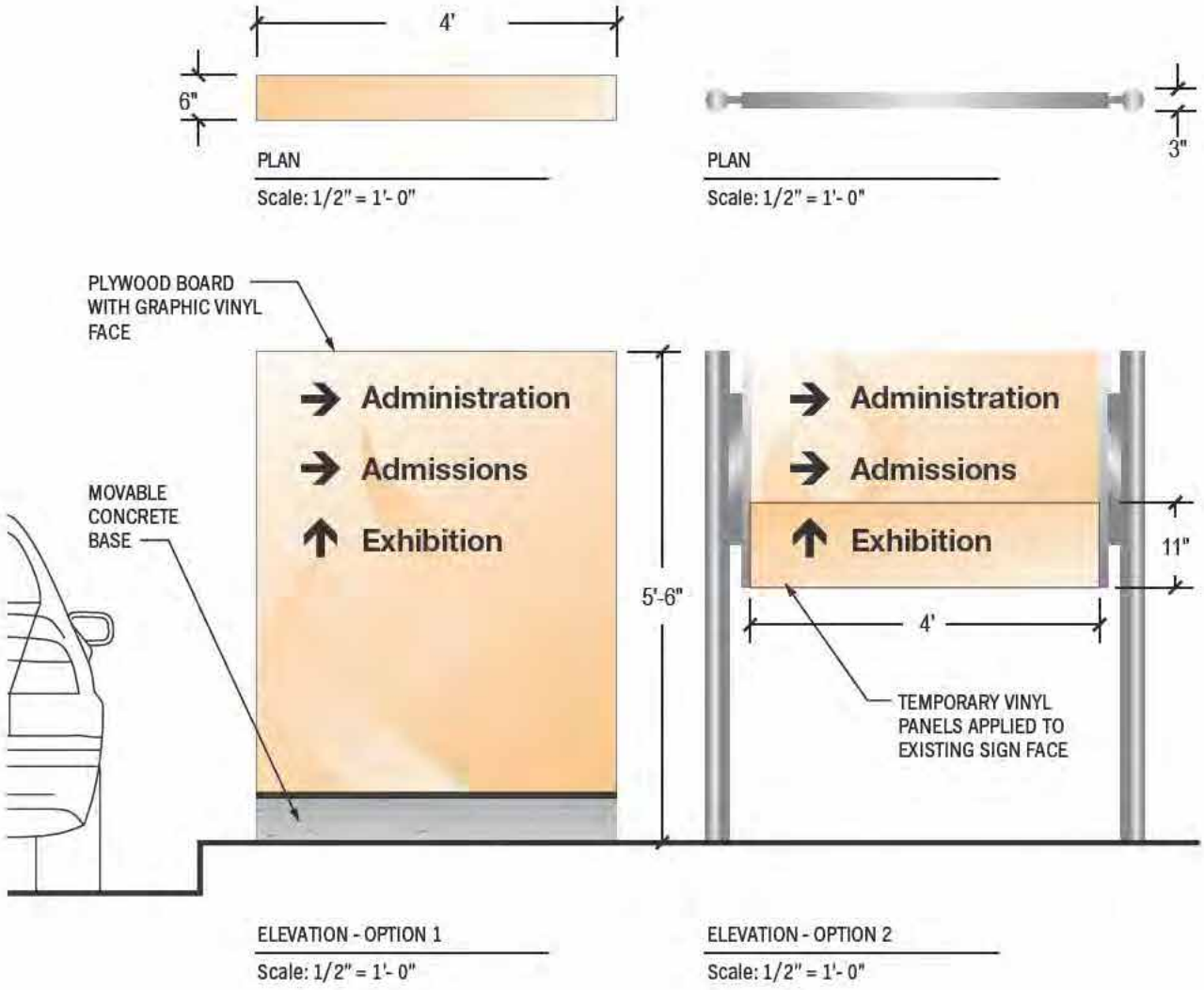



ELEVATION

Scale: 1/2" = 1'- 0"

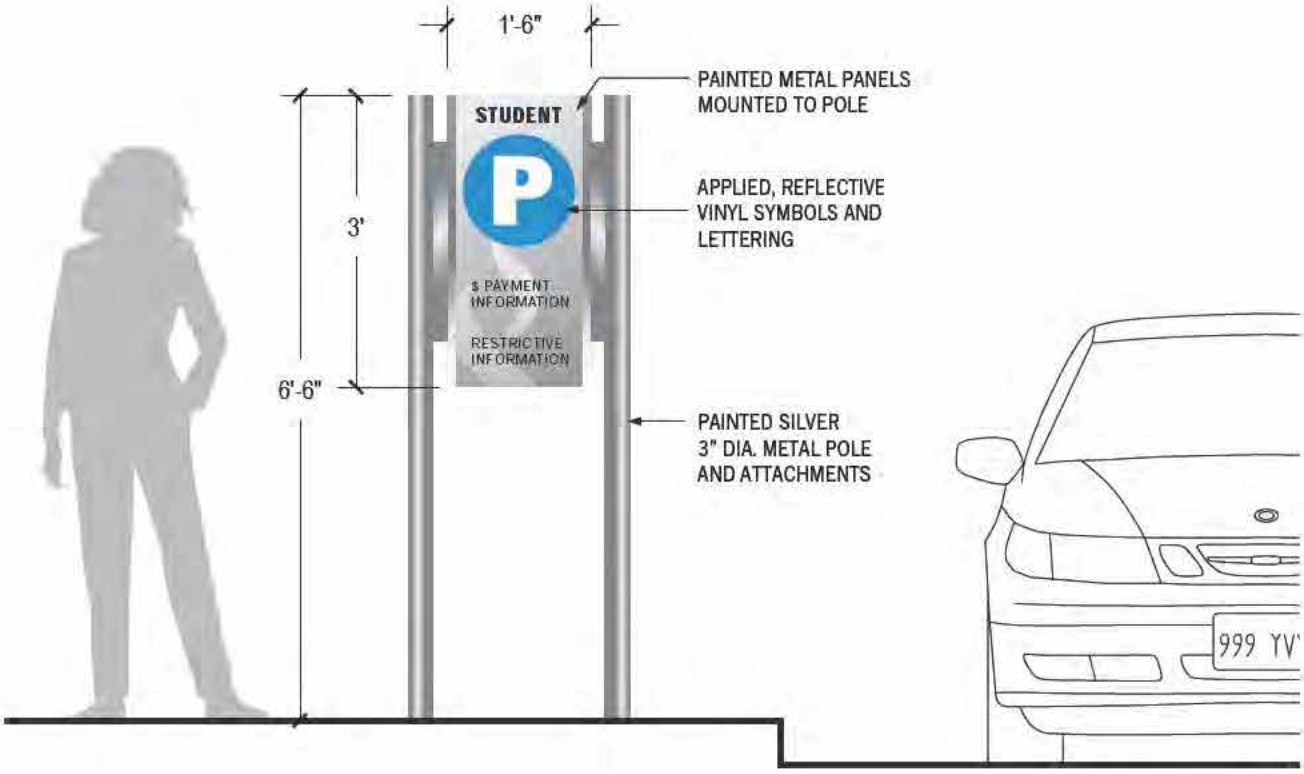
- Provides directional information to vehicular traffic
- Directs to major destination points
- Located at major intersections and decision points

# 2.1 - TEMPORARY VEH. DIRECTION




- Provides directional information to vehicular traffic
- Directs to major destination points
- Located at major intersections and decision points
- Changeable

# 3 - PARKING ID

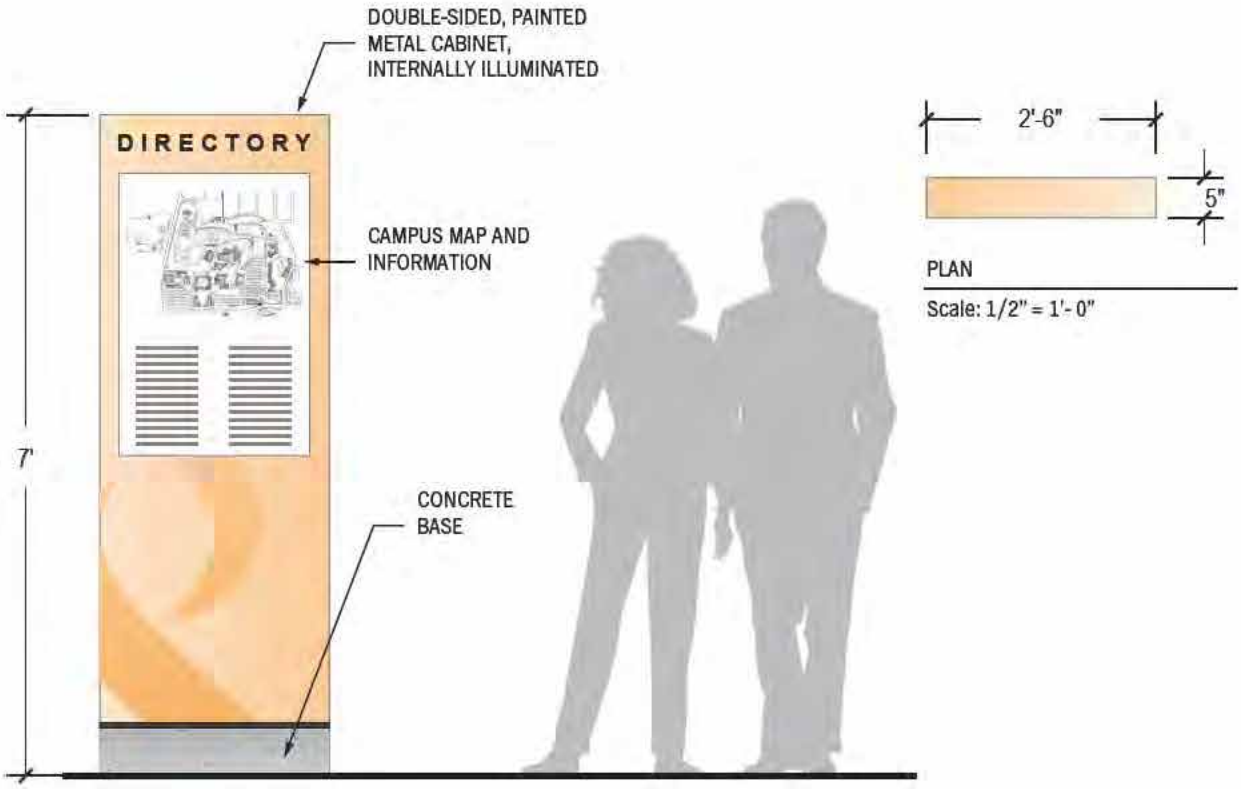



ELEVATION

Scale: 1/2" = 1'- 0"

- Clearly identifies parking areas and lot numbers.
- Contains restrictive information
- Located at entrance of parking lot
- Can be seen from a distance

# 4 - INFORMATION KIOSK/MAP

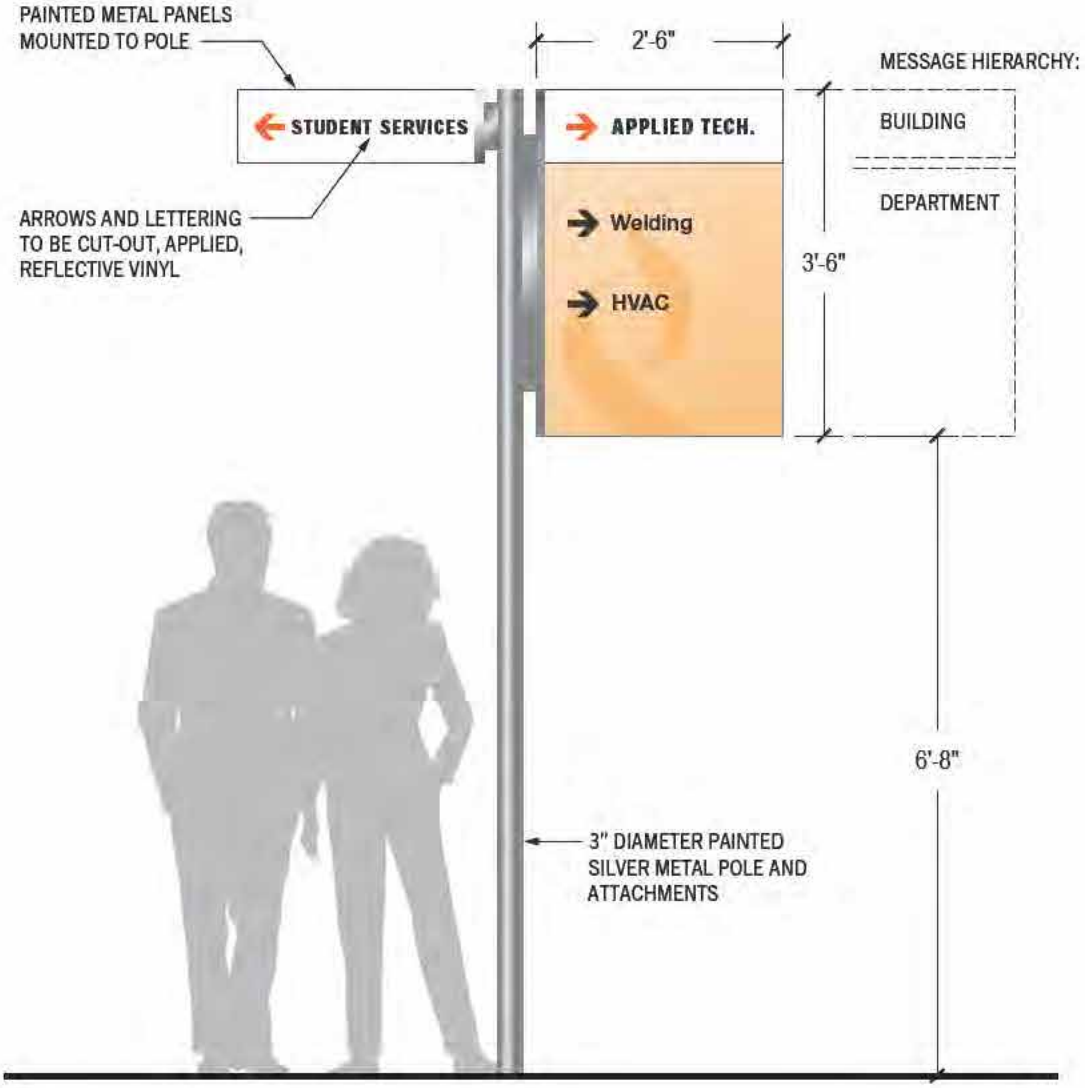



ELEVATION

Scale: 1/2" = 1'- 0"

- Provides building and department location information
- Located at major pedestrian intersections and congregation areas

# 5 - PEDESTRIAN DIRECTION

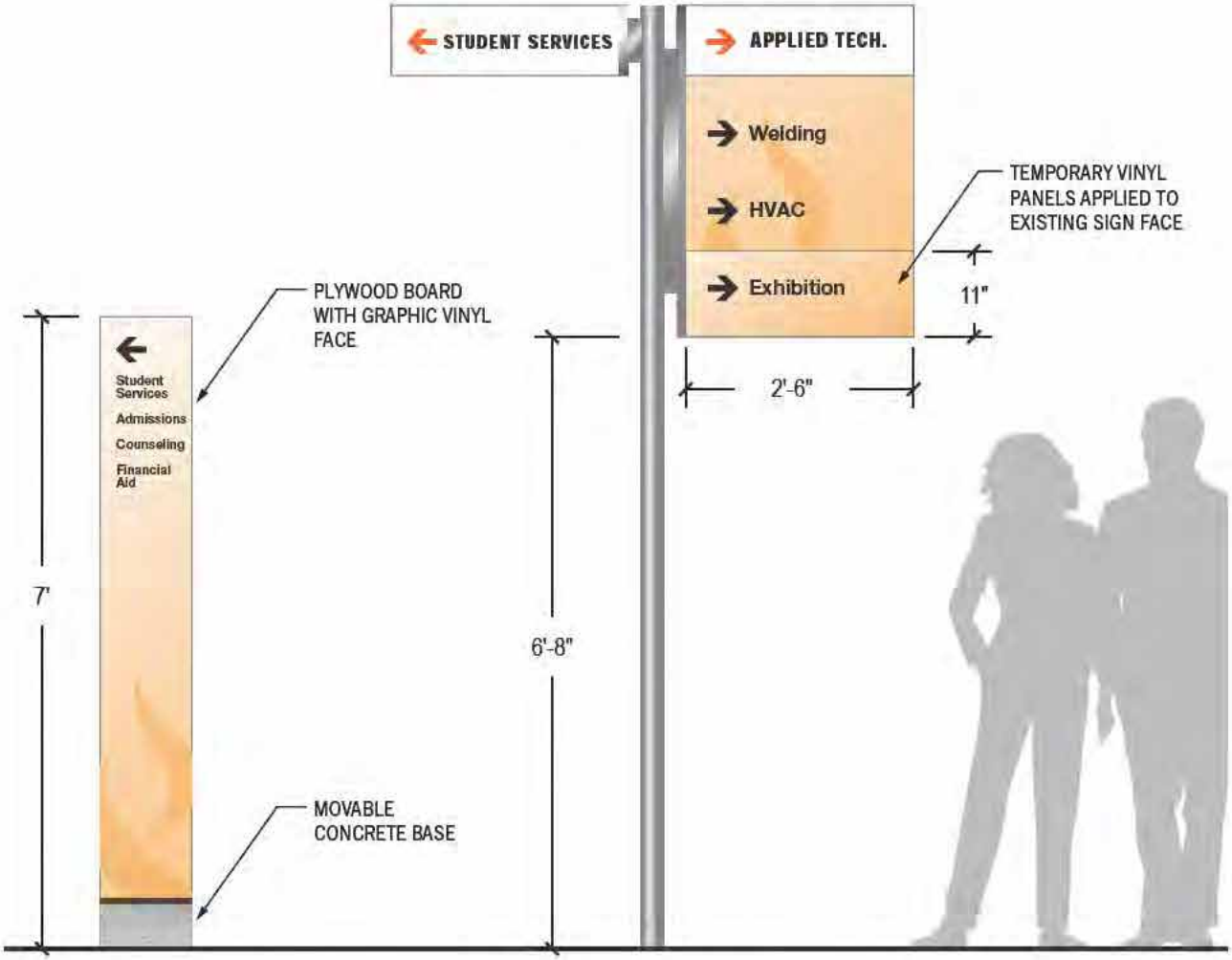



ELEVATION

Scale: 1/2" = 1'- 0"

- Provides directional information to pedestrian traffic
- Directs to major destination points
- Located at major intersections and decision points

# 5.1 - TEMPORARY PED. DIRECTION

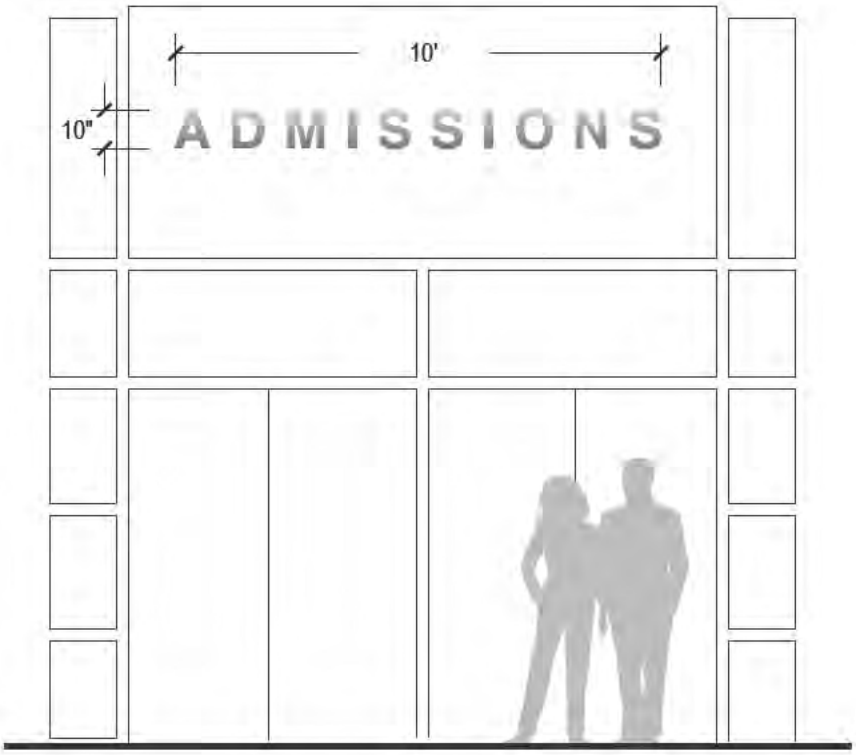



ELEVATION - OPTION 1
Scale: 1/2" = 1'- 0"

ELEVATION - OPTION 2
Scale: 1/2" = 1'- 0"

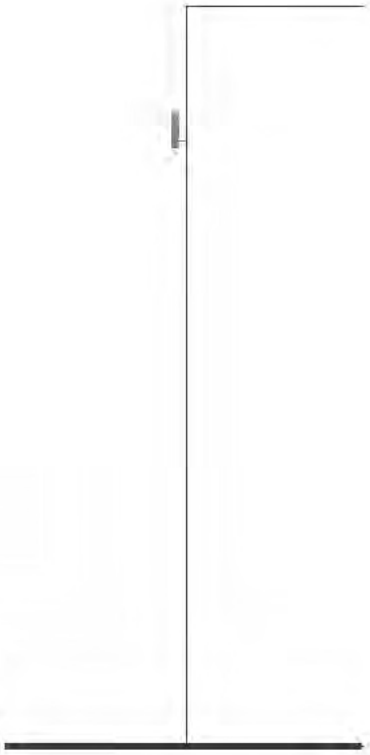
- Provides directional information to pedestrian traffic
- Directs to major destination points
- Located at major intersections and decision points
- Changeable

# 6 - PRIMARY BUILDING ID




ELEVATION

Scale: 1/4" = 1'- 0"

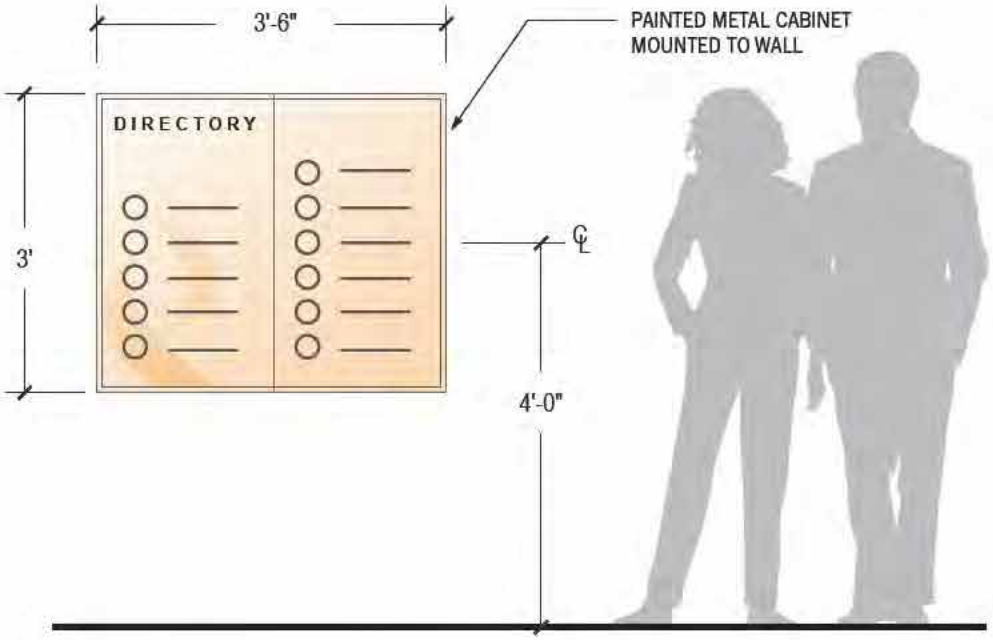


SIDE VIEW

Scale: 1/4" = 1'- 0"

- Clearly marks building
- Can be seen from a distance
- Exact locations to be determined during building design

# 7 - BUILDING DIRECTORY

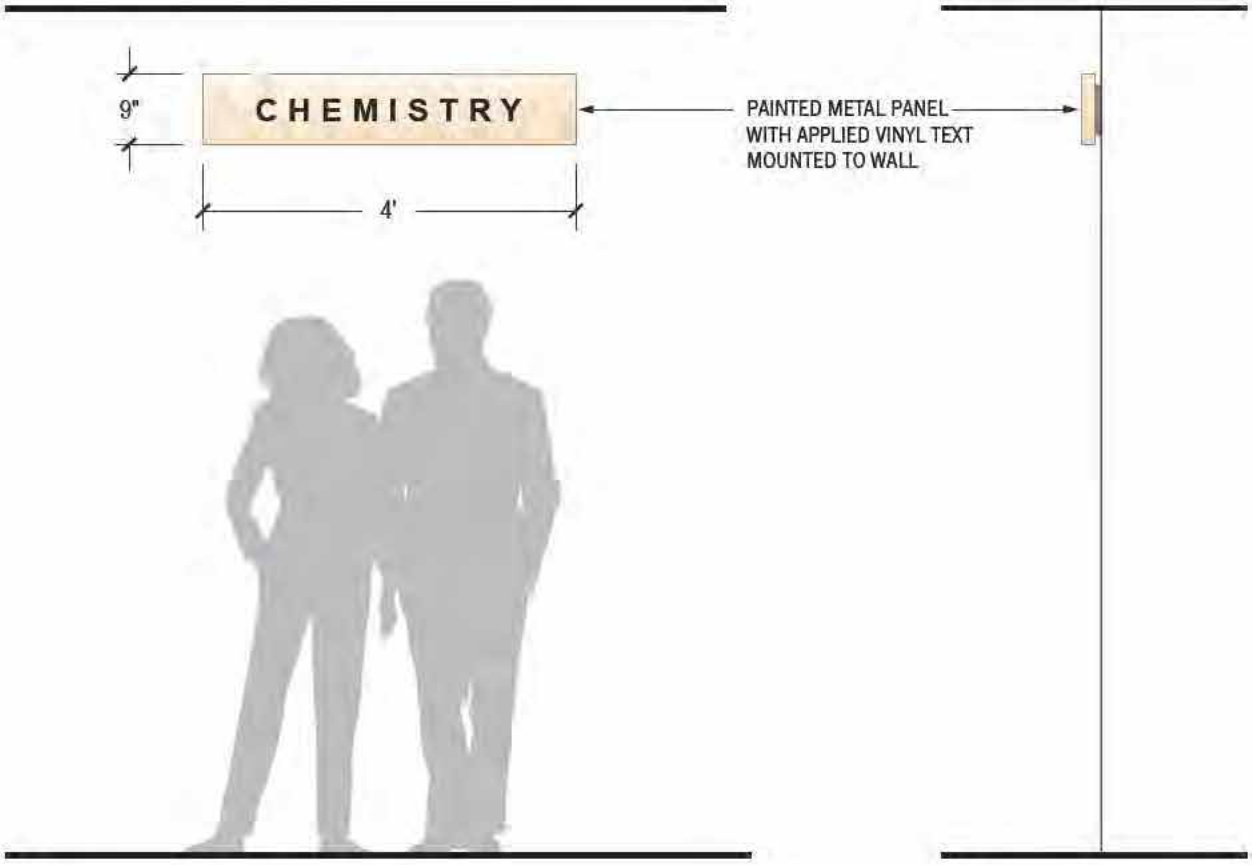



ELEVATION

Scale: 1/2" = 1'- 0"

- Provides department and room locations
- Located in building lobbies

# 8 - DEPARTMENT ID




ELEVATION

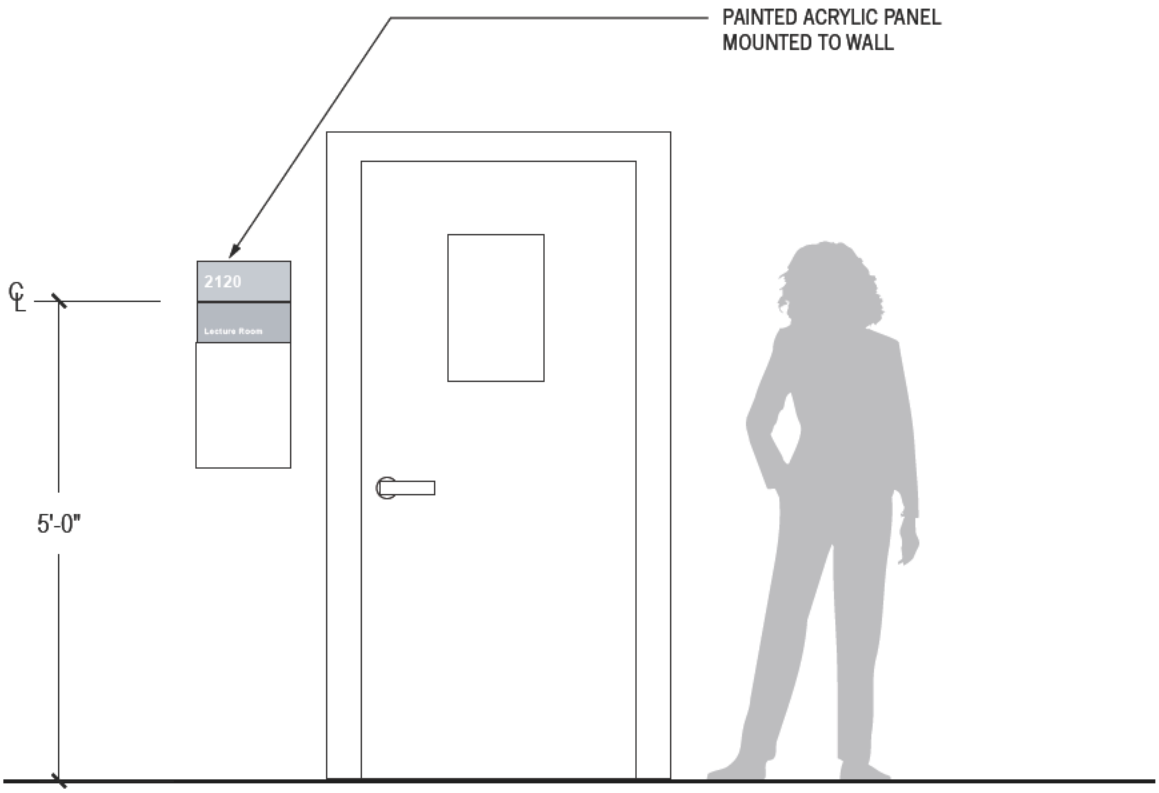
Scale: 1/2" = 1'- 0"

SIDE VIEW

Scale: 1/2" = 1'- 0"

- Identifies department
- Located at department entrance and hallways

# 9 - ROOM ID




ELEVATION

Scale: 1/2" = 1'- 0"

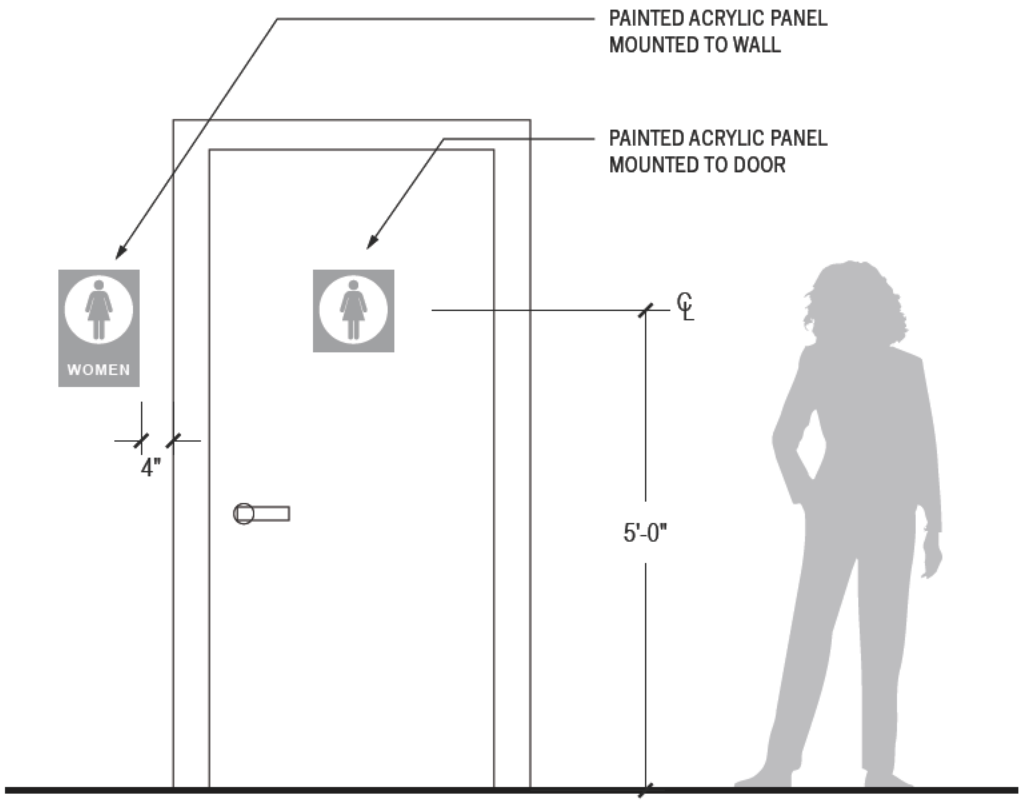
- Identifies program room
- Located on wall adjacent to door
- ADA compliant (i.e. utilizes tactile/raised lettering, braille and minimum height of 5 feet)

# 10 - RESTROOM ID

WOMENS

MENS

UNISEX

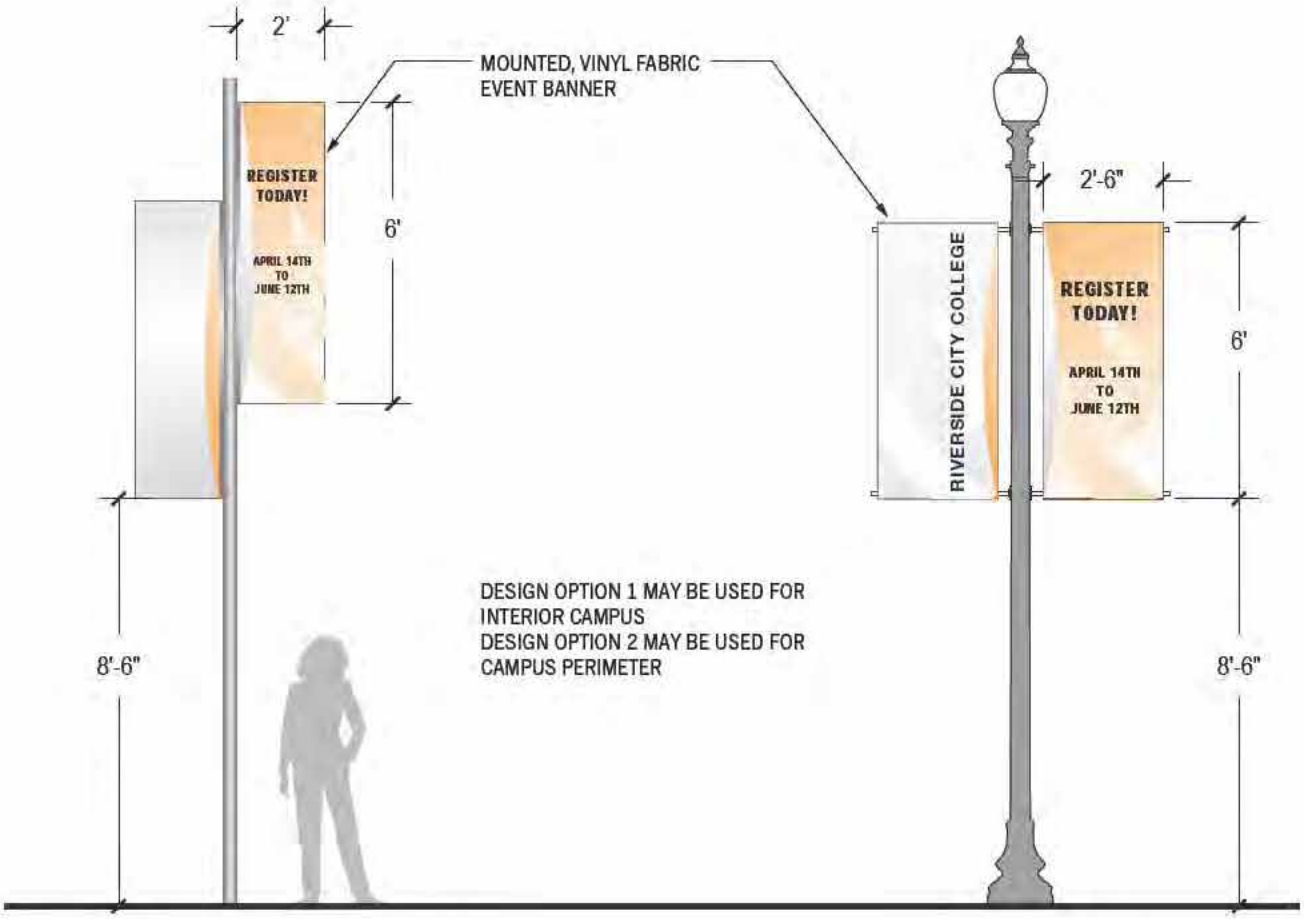



ELEVATION

Scale: 1/2" = 1'- 0"

- Identifies mens and womens restrooms
- Located on restroom doors and adjacent walls
- ADA compliant (i.e. utilizes tactile/raised lettering, braille and minimum height of 5 feet)

# 11 - EVENT BANNER




ELEVATION - DESIGN OPTION 1

Scale: 1/4" = 1'- 0"

ELEVATION - DESIGN OPTION 2

Scale: 1/4" = 1'- 0"

- Provides event information
- Located at major pedestrian and vehicular paths
- Changeable

# TYPE FACE

**RIVERSIDE CITY COLLEGE**

*Logo Typeface: Helvetica Bold*

**ABCDEFGHIJKLMNOPQRSTUVWXYZ**
**abcdefghijklmnopqrstuvwxyz**
**1234567890**

*Typeface: Helvetica Bold*

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890

*Typeface: Helvetica Regular*

# 5
# ACKNOWLEDGEMENTS

# TEAM

## LONG RANGE PLAN STEERING COMMITTEE

Lorraine Anderson
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Richard Barron
Tish Chavez
Michelle Davila
Becky Elam
Mike Gonzalez
Ginny Haguewood
Richard Mahon
Rom Masterson
Virginia McKee-Leone
Ron Pardee
Ralph Perez
Ricardo Perez
Patrick Schwerdtferger
Steve Sigloch
Oliver Thompson

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Chani Beeman
Rick Hernandez
Dan Johnson
Aan Tan
Mike Webster

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Richard Barron
Tim Brown
Jim Buysse
Amy Cardullo
Michael Carrillo
Monica Delgadillo-Flores
Martin Delgado
Nate Finney
Marilyn Flores
Debra Hall
Ola Jackson
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Linda Lacy
Richard Mahon
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Ricardo Perez
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Shideh Rodriguez
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Ron Vito
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# BIBLIOGRAPHY

Jimenez, Gilbert, Thomas M. Johnson. Riverside City College: 1916-1981 A 65 Year History, 1981.

Riverside City College annual yearbook, Tequesquite, 1961.

City of Riverside website: www.riversideca.gov

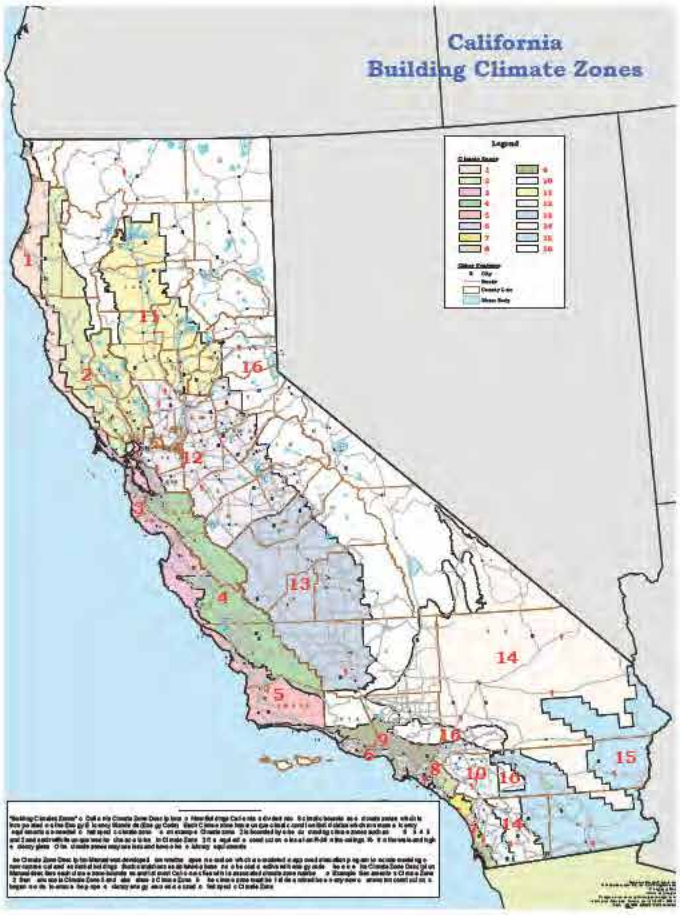
Faculty Association of California Community Colleges website: www.facc.org

# 6
# APPENDIX

# Appendix 6

# RIVERSIDE CLIMATE

33°54' N 117°15' W




# CLIMATE ZONE 10

YOUR REGION

The following are US Department of Energy, Energy Efficiency and Renewable Energy data for the Riverside City area, original source California Energy Commission recorded specifically at the March Airforce Base (2.3 miles from Riverside City College).

# APPENDIX A

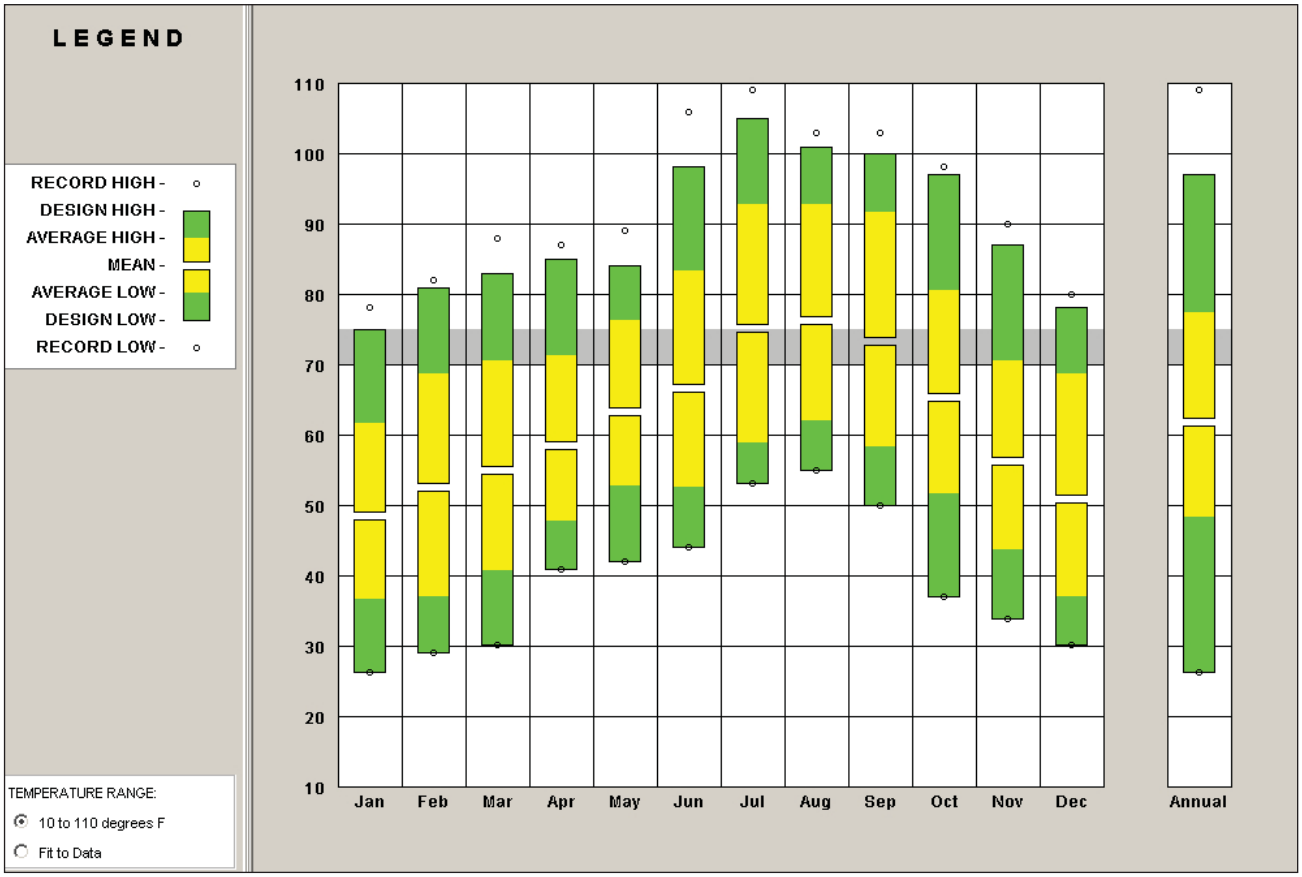
Weather Data Summary

| MONTHLY MEANS | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GLOBAL HORIZONTAL RADIATION | 44 | 65 | 74 | 76 | 80 | 84 | 95 | 82 | 73 | 55 | 39 | 43 | Btuh/sq.ft. |
| DIRECT NORMAL RADIATION | 66 | 91 | 84 | 72 | 68 | 73 | 91 | 77 | 77 | 61 | 51 | 68 | Btuh/sq.ft. |
| TOTAL SKY COVER | 54 | 19 | 39 | 52 | 52 | 41 | 18 | 26 | 17 | 37 | 40 | 27 | percent |
| DRY BULB TEMPERATURE | 48 | 52 | 54 | 58 | 63 | 66 | 75 | 76 | 73 | 65 | 56 | 50 | degrees F |
| DEW POINT TEMPERATURE | 36 | 31 | 39 | 45 | 47 | 49 | 55 | 53 | 50 | 38 | 40 | 28 | degrees F |
| RELATIVE HUMIDITY | 68 | 50 | 60 | 67 | 60 | 59 | 56 | 50 | 51 | 43 | 60 | 45 | percent |
| WIND DIRECTION | 42 | 110 | 115 | 99 | 159 | 166 | 96 | 159 | 148 | 120 | 48 | 91 | degrees |
| WIND SPEED | 1 | 7 | 4 | 3 | 5 | 4 | 3 | 3 | 3 | 3 | 2 | 2 | mph |
| SNOW DEPTH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | inches |
| DAYS SINCE LAST SNOWFALL | | | | | | | | | | | | | days |

## Weather Data Summary

This chart shows the monthly average data for a number of different variables calculated from the 8760 hour file. Some variables such as snow depth are not recorded for all sites, so may show no data.

Temperature Range

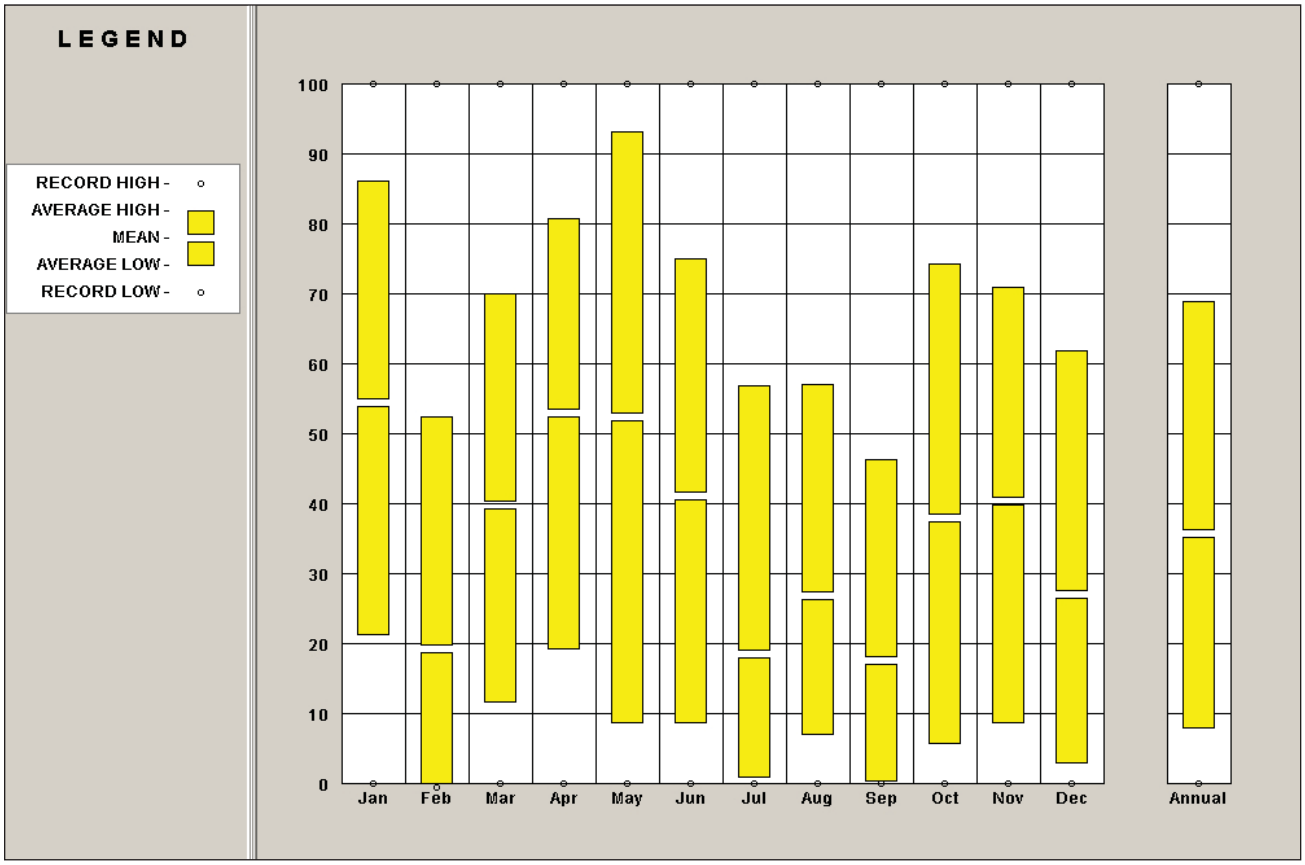



## Temperature Range

This is the simplest of all charts and shows the Dry Bulb temperature ranges enclosing the Record High and Low Temperature (round dots), the Design High and Low Temperatures (top and bottom of green bars), Average High and Low Temperatures (top and bottom of yellow bars), and Mean or Average Temperature (open slot). These values are calculated for each month and for the full year by Climate Consultant.

# APPENDIX A

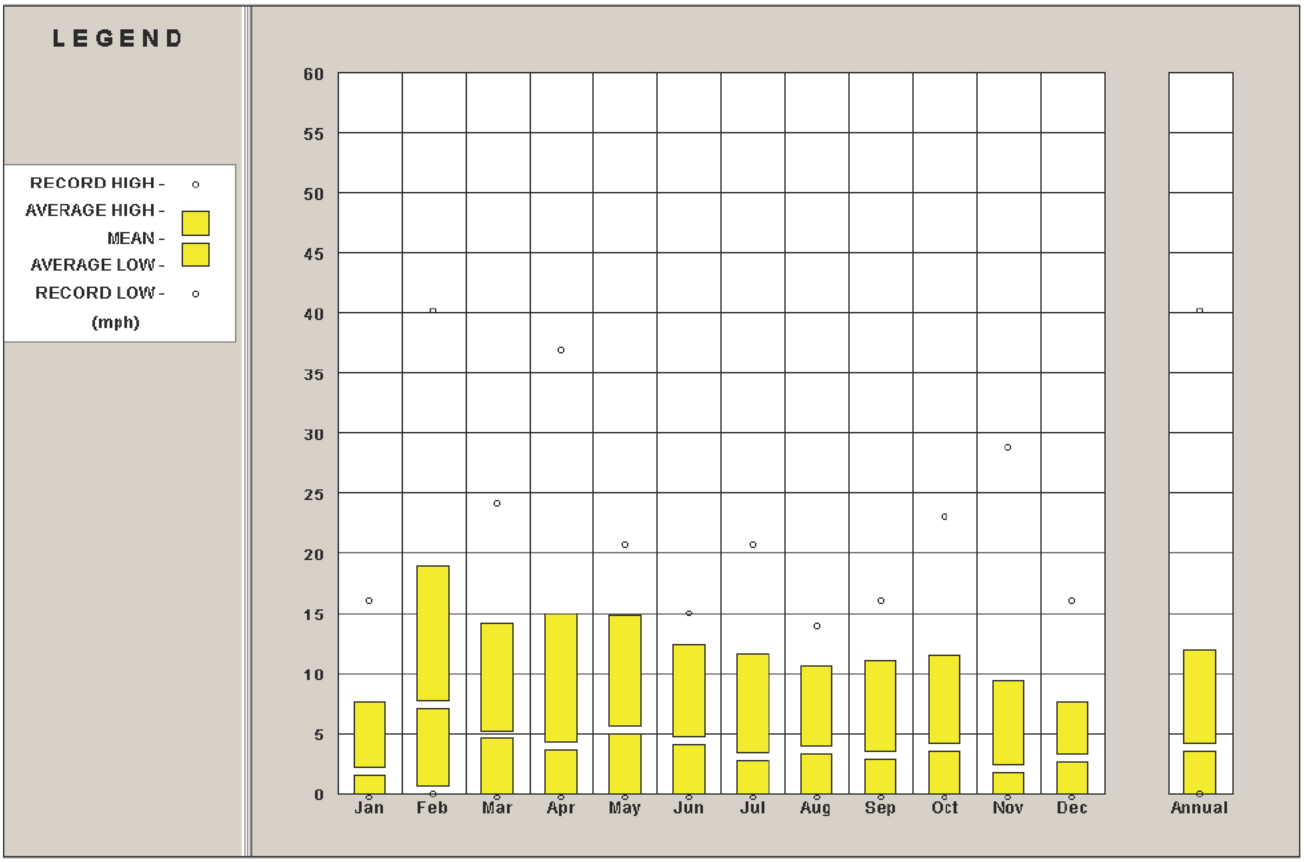
Sky Cover Range




## Sky Cover

This chart shows Sky Cover for each month and for the full year. This corresponds to the amount of the sky dome in tenths covered by clouds or obscuring phenomena at the hour indicated. This data is given in the EPW file as tenths, but is shown in Climate Consultant as a percentage. The Record highest amount in the EPW data file is shown as a small colored circle. The Average High is the average of the highest value from each day of the month or annually and is shown as the top of the colored bar. The Mean or average is shown as the break in the colored bar. The Average Low is the average of the lowest values from each day of the month or annually and is shown as the bottom of the colored bar. The Record Low value is shows as the small colored circle.

Wind Velocity Range

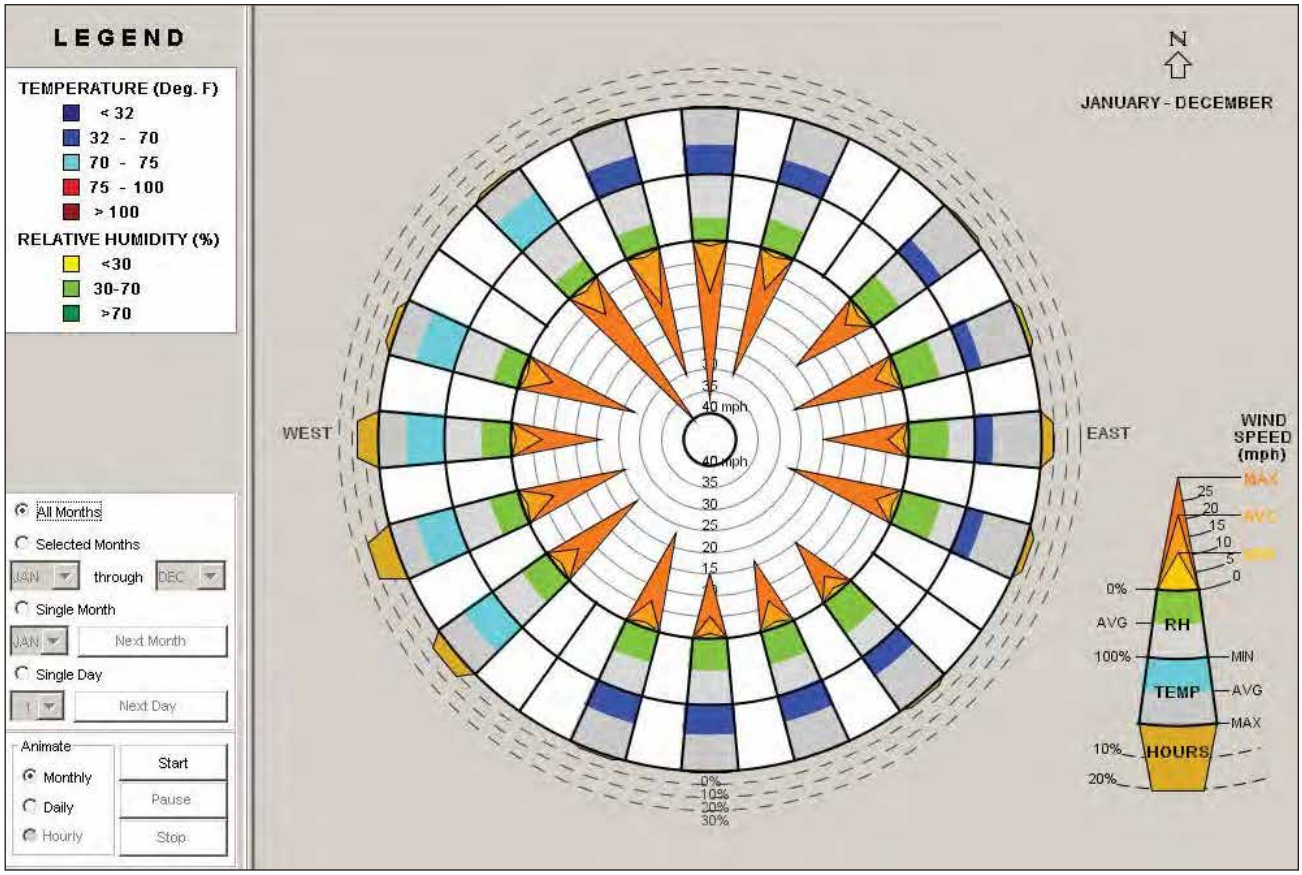



## Wind Velocity

This chart shows for each month and for the full year, Wind Velocity in either miles per hour (mph). The Record High value in the EPW file is shown as a small colored circle. The Average High is the average of the highest value from each day of the month or annually and is shown as the top of the colored bar. The Mean or average of all hours is shown as the break in the colored bar. The Average Low is the average of the lowest values from each day of the month or annually and is shown as the bottom of the colored bar. The Record Low value is shown as the small colored circle.

# APPENDIX A

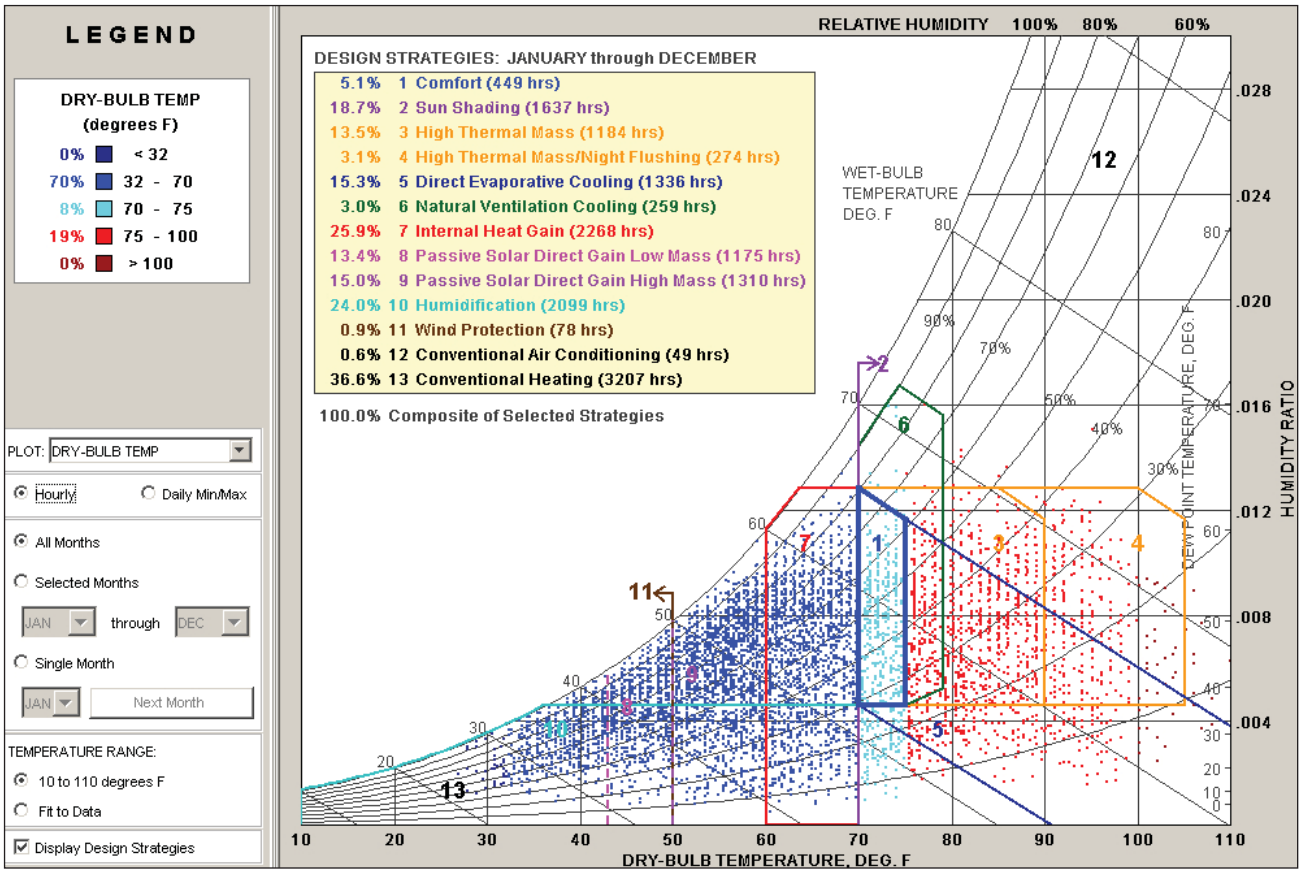
Wind Wheel




## Wind Wheel

The Wind Wheel displays for each wind direction the Wind Velocity and Frequency of Occurrence along with concurrent Dry Bulb Temperature and Relative Humidity. The outer ring shows the percentage of hours when the wind comes from each direction. On the next ring the height and color of the bars shows the average temperature of the wind coming from that direction (light blue is in the comfort zone, blue is cool or cold, and red is warm or hot). The next smaller ring shows average humidity (light green is comfortable, yellow is dry, and green is humid). The innermost circle shows the wind velocities that come from each direction; the tallest brown triangle is the maximum velocity for that period, medium brown is the average velocity, and the smallest light brown triangle is the minimum velocity. Hours when there is zero wind speed do not appear on this chart. The graphic key to all this information is summarized in the icon in the lower right labeled Wind Speed, RH, Temp, and Hours.

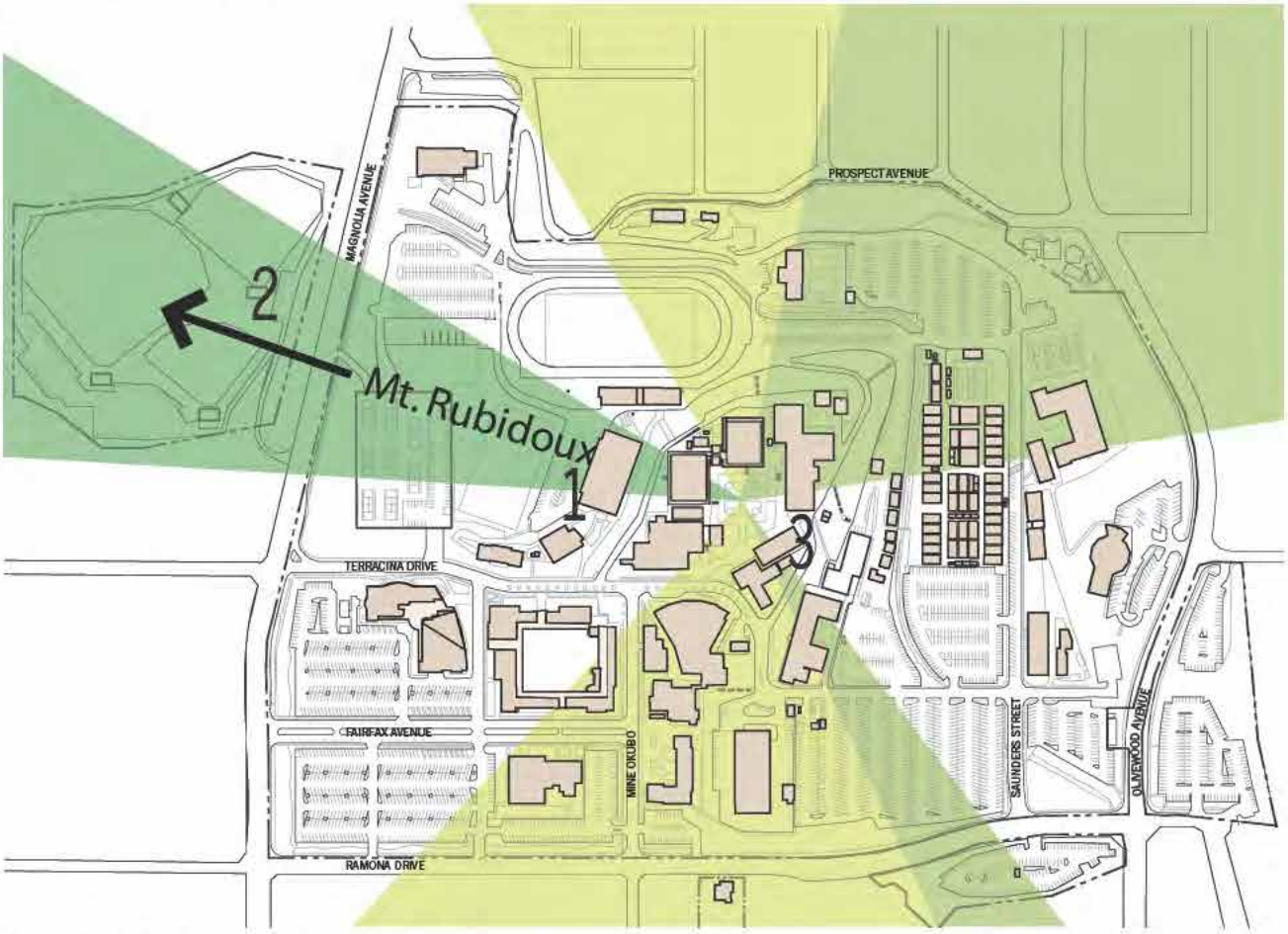
Psychrometric Chart




## Psychrometric Chart

This chart shows dry bulb temperature across the bottom and moisture content of the air up the side. This vertical scale is also called absolute humidity and can be shown as the humidity ratio in pounds of water per pound of dry air, or as the vapor pressure. The curved line on the left is the saturation line (100% Relative Humidity line) which represents the fact that at lower temperatures air can hold less moisture than at higher temperatures. Every hour in the climate data file is shown as a dot on this chart. Notice that some dots may represent more than one hour, for example when a given temperature and humidity occurs more than once in any month. Notice also that a given hour's dot might meet the criteria for more than one strategy zone, in which case it is counted in the Percentage of Hours for both zones, which is why the percentages add up to more than 100%. The color of each dot can represent any one of four variables: Dry Bulb Temperature, Total Horizontal Radiation, Sky Cover, and Wind Speed. The units for each variable are indicated in the upper left and are divided into five different ranges in colors from blue to red. The percentages of hours that fall in each range are also shown.

# APPENDIX B
# MOUNTAIN VISTAS




Mountain vistas diagram informs views to protect and unveil

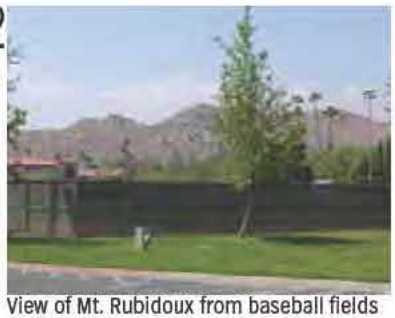
## LEGEND

- SIGNATURE MOUNTAIN VIEW
- OTHER CLOSER MOUNTAIN VIEWS
- DISTANT MOUNTAIN VIEWS

1

View of Mt. Rubidoux from main campus

2



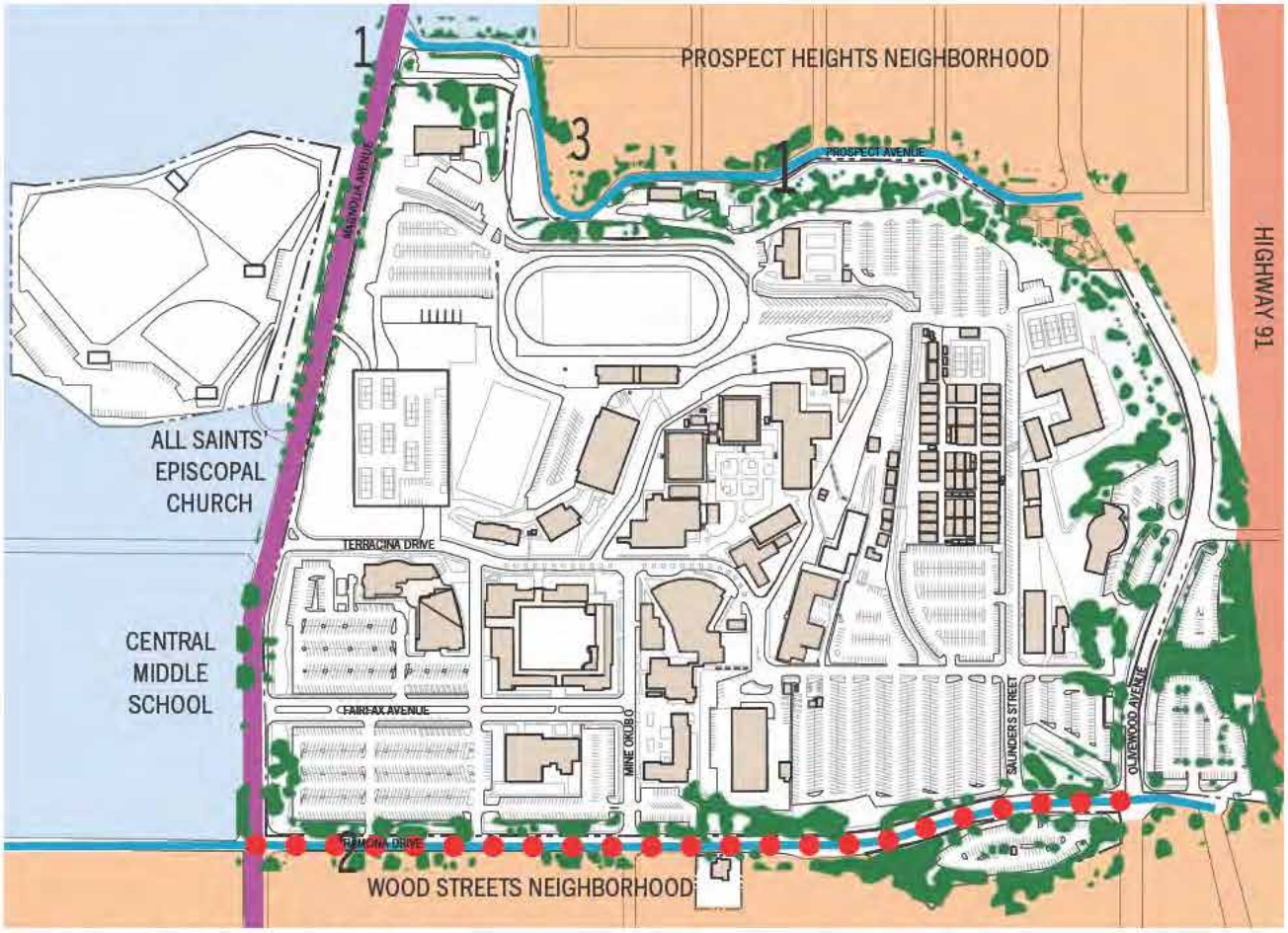
View of Mt. Rubidoux from baseball fields

3

South view from main campus

0' 250' 500'

# EDGE CONDITIONS




Edge conditions show the areas surrounding the campus

## LEGEND

- RESIDENTIAL NEIGHBORHOOD
- INSTITUTIONAL NEIGHBORHOOD
- HIGHWAY
- MAGNOLIA STREET HISTORIC CORRIDOR
- RESIDENTIAL STREET
- BUFFER ZONE RECOMMENDED

1

Neighboring church

2

Wood streets neighborhood

3

Prospect heights neighborhood

0' 250' 500'

# APPENDIX B
# REGIONAL PLANT COMMUNITIES

Manzanita

## CHAPARRAL COMMUNITY

**Appropriate Campus Application:**

Manzanita
Toyon
Chaparral Honeysuckle
Our Lord's Candle
California Coffeeberry

**Community Character:**

Low water usage
Good on slopes
Mostly evergreen

California Sycamore

## RIPARIAN COMMUNITY

**Appropriate Campus Application:**

California Sycamore
White Alder
Black Cottonwood
Big Leaf Maple
White Flowering Currant

**Community Character:**

Grows near water
Typically deciduous
Lower elevation (ravine) conditions

California Juniper

## PINYON- JUNIPER WOODLAND COMMUNITY

**Appropriate Campus Application:**

California Juniper
Beavertail Cactus
Sugarbush
Western Dogwood
Lemonadeberry

**Community Character:**

Upland condition
Shaded understory

# REGIONAL PLANT COMMUNITIES

Coast Live Oak

## OAK WOODLAND COMMUNITY

**Appropriate Campus Application:**

Coast Live Oak
Canyon Live Oak
Engelman Oak
California Black Walnut
Southern California Grape

**Community Character:**

Dense canopy cover
Low water usage
Low understory

Dwarf Coyote Brush

## COASTAL SAGE SCRUB COMMUNITY

**Appropriate Campus Application:**

Dwarf Coyote Brush
California Sage Scrub
California Buckwheat
Ceanothus
Sages - White, Black and Hummingbird

**Community Character:**

Low water usage
Good on gradual slopes
Mostly evergreen species

# APPENDIX B
# REGIONAL WATERSHED

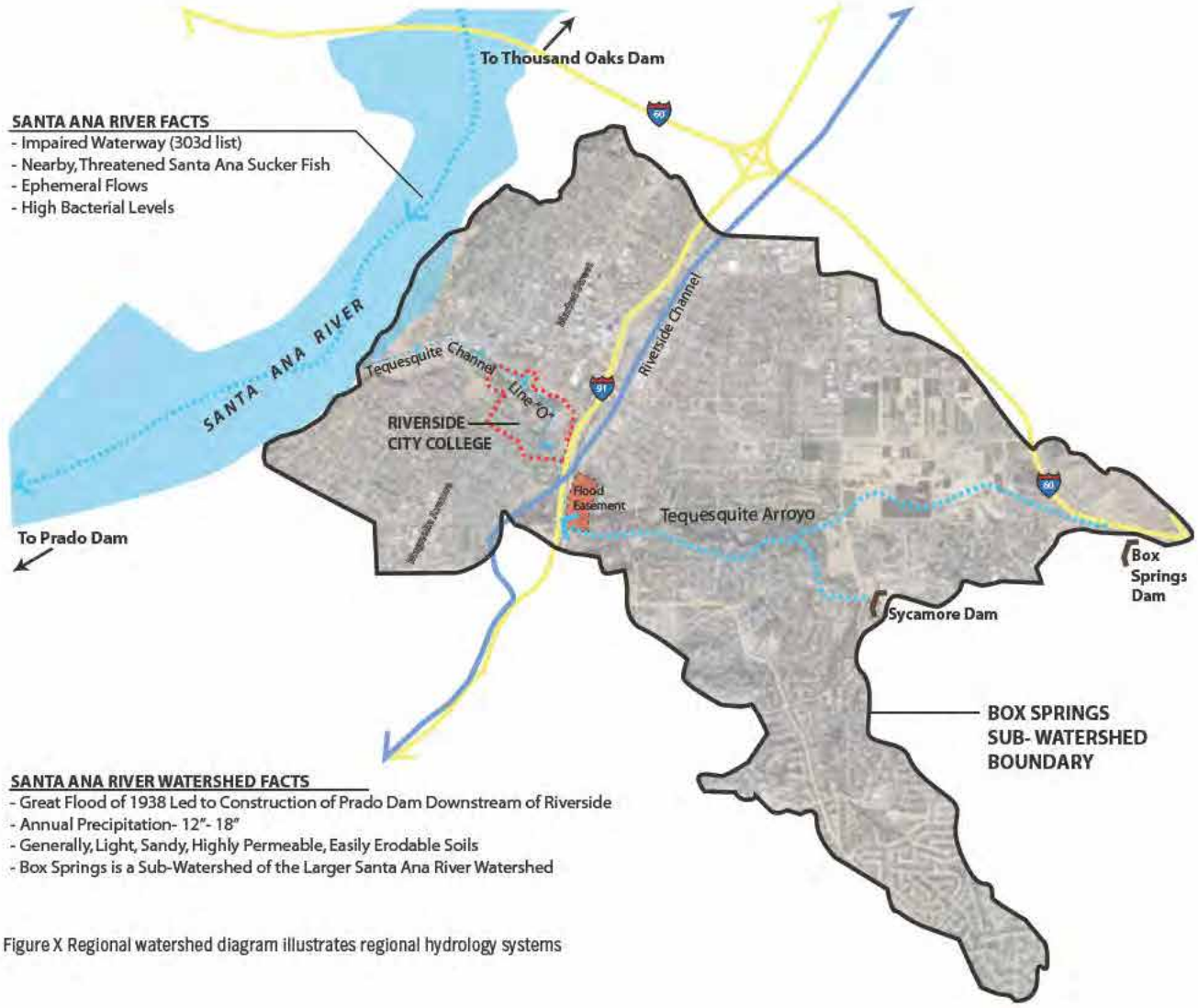



Figure X Regional watershed diagram illustrates regional hydrology systems

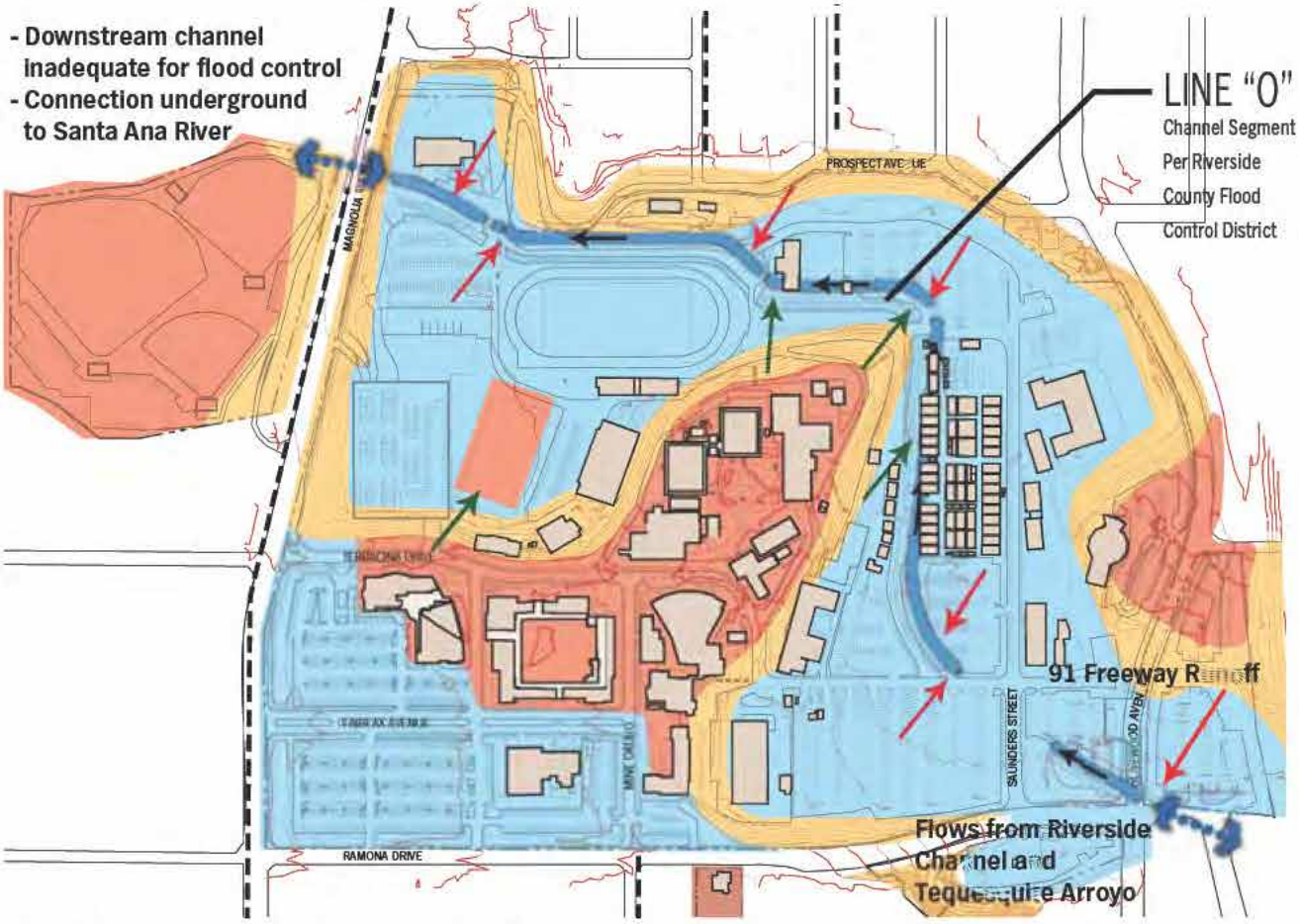
## REGIONAL ISSUES AND LOCAL LANDSCAPE STRATEGIES

| ISSUE | STRATEGY |
|---|---|
| Overdrafted Aquifer | Plant Drought Tolerant Species |
| Loss of Riparian Habitat | Protect and Restore Waterways |
| Degraded Water Quality | Treat Water Before Entering Waterways |
| Habitat Fragmentation | Use Native Plants in Urban Landscapes |
| Erosion of Unstable Soils | Stabilize Soils with Structures and Vegetation |
| Increased Impermeable Surfaces | Install Permeable Paving and Infiltration Swales |

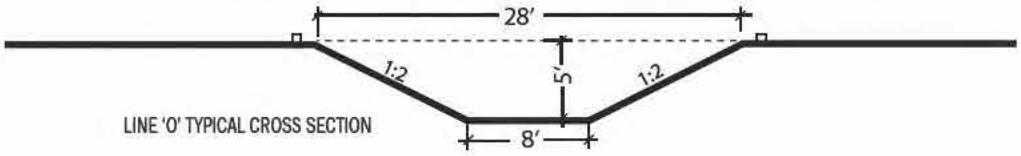
SOURCE: U.S. Army Corps of Engineers, Santa Ana River Watershed Profile, 2001. Engineers Report to the Board of Supervisors of the Riverside County Flood Control and Water Conservation District on the NPDES Program for the Santa Ana Watershed Benefit Assessment Area, July 2006.

0' 1500' 3000'

# CHANNEL HYDROLOGY




Channel hydrology illustrating the current drainage system on campus




LINE 'O' TYPICAL CROSS SECTION

**LEGEND**

- Line "O"- Open Drainage
- High Water Usage
- Moderate Water Usage
- Low Water Usage
- Drainage Way (trench below road)
- Runoff From Parking
- Runoff From Irrigation
- Channel Flow

**LINE "O" DESCRIPTION**

Line "O" is the main drain for runoff reaching the Tequesquite Arroyo downstream from the Riverside Freeway. As it now exists, Line "O" is a trapezoidal concrete channel through the Riverside City College property from Terracina Drive to Market Street. The drain then crosses Market Street and empties into an open unlined channel, and finally entering the Santa Ana River downstream.

**LINE "O" FACTS**

- Design flowrate =826 CFS
- 8'w x 5'h Trapezoidal Channel
- Tequesquite Arroyo
- Box Springs Drainage Area
- Highly Permeable Soils
- Overdrafted Aquifer Below

SOURCES:
1. RIVERSIDE COUNTY FLOOD CONTROL DISTRICT, Albert Martinez, Associate Engineer
2. US ARMY CORPS OF ENGINEERS, Santa Ana River Watershed Profile

0' 250' 500'

# CITY OF RIVERSIDE

## ACCESS REQUIREMENTS

2001 California Fire Code

Sec. 902.2.1

Fire apparatus access roads shall be provided for every facility, building or portion of a building hereafter constructed or moved into or within the jurisdiction when any portion of the facility or any portion of an exterior wall of the first story of the building is located more than 150 feet from fire apparatus access as measured by an approved route around the exterior of the building or facility. (See exceptions.)

Sec. 902.2.2

Fire apparatus access roads shall have an unobstructed width of not less than 20 feet and an unobstructed vertical clearance of not less than 13 feet 6 inches. (See exception.) Fire apparatus access roads shall be designed and maintained to support 80,000 pounds and be provided with a surface so as to provide all weather driving capabilities. Roadways shall have a minimum 48 foot outside turning radius. Dead end access roads shall not exceed 150 feet in length.

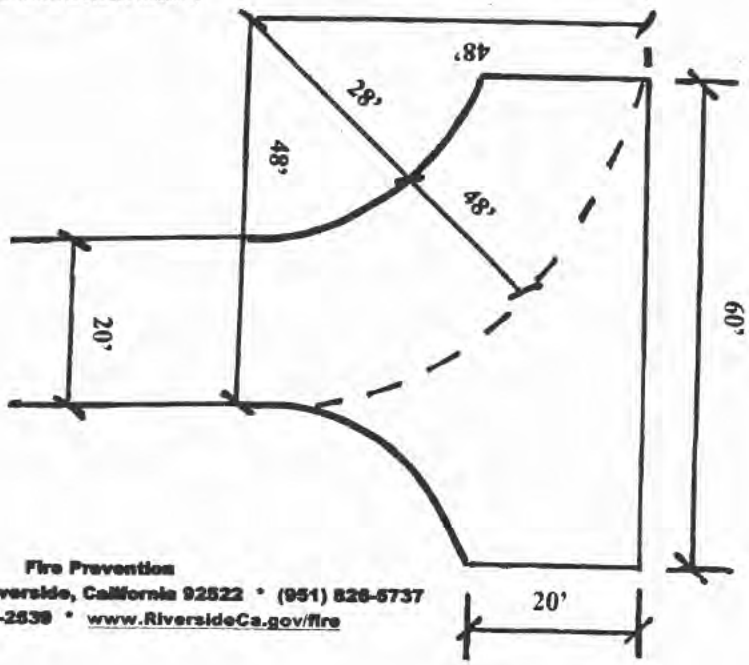
Sec. 902.4

When access to or within a structure or an area is unduly difficult because of secured openings or where immediate access is necessary for life saving or firefighting purposes, a Knox key box shall be installed in an accessible location. Knox key box applications are available at the Fire Administration office.

**Minimum 20 Foot Roadway**

**48 Foot Outside Radius**

**28 Foot Inside Radius**




**Fire Prevention**
**3900 Main Street * Riverside, California 92522 * (951) 826-5737**
**Fax: (951) 826-2539 * www.RiversideCa.gov/fire**

G:work/forms/access requirements

# APPENDIX D
# CAMPUS PARKING ANALYSIS

## OPTION 1 - Full Structure #2

Construction of full structure dependent upon completion of new Automotive Technology building and revision of adjacent 'lot P'. See line item 13.

| | Projects / Parking Change | Existing Spaces | Change | Revised Total | Existing Enro lment 17,656 Target Spaces (1:5) | Existing Enro lment 17,656 Delta | Projected Enrollment 2015 19,118 Target Spaces (1:5) | Projected Enrollment 2015 19,118 Delta | Projected Enrollment 2024 20,910 Target Spaces (1:5) | Projected Enrollment 2024 20,910 Delta |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Existing Parking | 4,049 | 0 | 4,049 | 3,531 | 518 | 3,824 | 225 | 4,182 | (133) |
| 2 | Nursing and Sciences / Demo Lot A | 4,049 | (258) | 3,791 | | 260 | | (33) | | (391) |
| 3 | Wheelock Gym / Demo Lot Z | 3,791 | (65) | 3,726 | | 195 | | (98) | | (456) |
| 4 | Pool / Demo Lot L | 3,726 | (225) | 3,501 | | (30) | | (323) | | (681) |
| 5 | Keep Cutter and two existing pools / Revise Lot K | 3,501 | (41) | 3,460 | | (71) | | (364) | | (722) |
| 6 | Revise Lovekin (Lot F, Lot G, Lot J, Saunders) | 3,460 | 110 | 3,570 | | 39 | | (254) | | (612) |
| 7 | Demo Business Building / Revise Lot D | 3,570 | 85 | 3,655 | | 124 | | (169) | | (527) |
| 8 | Revise Tennis Court Lot (Huntley) / New Surface Lot 1 | 3,655 | 53 | 3,708 | | 177 | | (116) | | (474) |
| 9 | New Student Services / Demo Lot C | 3,708 | (95) | 3,613 | | 82 | | (211) | | (569) |
| 10 | New Cosmo / Revise Lot E | 3,613 | (281) | 3,332 | | (199) | | (492) | | (850) |
| 12 | New M&O / Demo Lot H | 3,332 | (81) | 3,251 | | (280) | | (573) | | (931) |
| 13 | New Auto Tech & Applied Tech / Demo Lot P and Lot R | 3,251 | 45 | 3,296 | | (235) | | (528) | | (886) |
| 14 | New Parking Structure #2 (5 levels, 1105 spaces) | 3,296 | 941 | 4,237 | | 706 | | 413 | | 55 |
| 15 | Athletic Drop Off / Revise Lot Y | 4,237 | (87) | 4,150 | | 619 | | 326 | | (32) |
| 16 | New Band Building / Demo Lot V | 4,150 | (13) | 4,137 | | 606 | | 313 | | (45) |
| | * project item 11 omitted | | | | | | | | | |
| 17 | Demo Cutter and two existing pools / Revise Lot K | 4137 | 87 | 4224 | | | | | | 42 |
| 18 | Revise Lot E / Addition to Parking Structure (+520 space) | 4224 | 396 | 4620 | | | | | | 438 |
| 19 | Demo Lot 1 | 4620 | (53) | 4567 | | | | | | 385 |
| 20 | New Music Theater Building / Revise Lot B | 4567 | (325) | 4242 | | | | | | 60 |

## OPTION 2 - Phased Structure #2

In order to alleviate parking demand, construction of new parking structure (Phase 1) is located in 'lot E' to avoid existing Automotive Technology. Note; College could consider exploring option of parking structure across Olivewood. This was discussed during planning process but concerns were raised about safety.

| | Projects / Parking Change | Existing Spaces | Change | Revised Total | Existing Enrollment 17,656 Target Spaces (1:5) | Existing Enrollment 17,656 Delta | Projected Enrollment 2015 19,118 Target Spaces (1:5) | Projected Enrollment 2015 19,118 Delta | Projected Enrollment 2024 20,910 Target Spaces (1:5) | Projected Enrollment 2024 20,910 Delta |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Existing Parking | 4,049 | 0 | 4,049 | 3,531 | 518 | 3,824 | 225 | 4,182 | (133) |
| 2 | Nursing and Sciences / Demo Lot A | 4,049 | (258) | 3,791 | | 260 | | (33) | | (391) |
| 3 | Wheelock Gym / Demo Lot Z | 3,791 | (65) | 3,726 | | 195 | | (98) | | (456) |
| 4 | Pool / Demo Lot L | 3,726 | (225) | 3,501 | | (30) | | (323) | | (681) |
| 5 | Keep Cutter and two existing pools / Revise Lot K | 3,501 | (41) | 3,460 | | (71) | | (364) | | (722) |
| 6 | Revise Lovekin (Lot F, Lot G, Lot J, Saunders) | 3,460 | 110 | 3,570 | | 39 | | (254) | | (612) |
| 7 | Demo Business Building / Revise Lot D | 3,570 | 85 | 3,655 | | 124 | | (169) | | (527) |
| 8 | Revise Tennis Court Lot (Huntley) / New Surface Lot 1 | 3,655 | 53 | 3,708 | | 177 | | (116) | | (474) |
| 9 | New Student Services / Demo Lot C | 3,708 | (95) | 3,613 | | 82 | | (211) | | (569) |
| 10 | New Cosmo / Revise Lot E | 3,613 | (281) | 3,332 | | (199) | | (492) | | (850) |
| 11 | New Parking Structure #2 - Phase 1 (6 levels, 510 spaces) | 3,332 | 385 | 3,717 | | 186 | | (107) | | (465) |
| 12 | New M&O / Demo Lot H | 3,717 | (81) | 3,636 | | 105 | | (188) | | (546) |
| 13 | New Auto Tech & Applied Tech / Demo Lot P and Revise R | 3,636 | 45 | 3,681 | | 150 | | (143) | | (501) |
| 14 | New Parking Structure #2 - Phase 2 (6 levels, 1950 spaces) / Demo Lot D, Demo Lot R | 3,681 | 1,191 | 4,872 | | 1,341 | | 1,048 | | 690 |
| 15 | Athletic Drop Off / Revise Lot Y | 4,872 | (87) | 4,785 | | 1,254 | | 961 | | 603 |
| 16 | New Band Building / Demo Lot V | 4,785 | (13) | 4,772 | | 1,241 | | 948 | | 590 |
| 17 | Demo Cutter and two existing pools / Revise Lot K | 4772 | 87 | 4859 | | | | | | 677 |
| 19 | Demo Lot 1 (construct housing) | 4859 | (53) | 4806 | | | | | | 624 |
| 20 | New Music Theater Building / Revise Lot B | 4806 | (325) | 4481 | | | | | | 299 |

# CAMPUS PARKING ANALYSIS

# SPACE USE MATRIX

| Bldg No. | Rm No. | Rm. Type | Room Name | Sub. ASF | Total ASF | Notes |
|---|---|---|---|---|---|---|
| **Administration** | | | | | **24,209** | |
| **6** | **Technology A** | | | | **2,067** | |
| | | | **Office** | | 1,881 | |
| **6** | **101** | 310 | Office | 596 | | Community Relations |
| | **104** | 310 | Office | 102 | | Community Relations |
| | **122** | 310 | Office | 143 | | Community Relations |
| | **131** | 310 | Office | 715 | | Community Relations |
| | **131A** | 310 | Office | 80 | | Community Relations |
| | **131B** | 310 | Office | 80 | | Community Relations |
| | **131C** | 310 | Office | 92 | | Community Relations |
| | **131D** | 310 | Office | 73 | | Community Relations |
| | | | **Office Service** | | 22 | |
| | **101B** | 315 | Office service | 22 | | Community Relations |
| | | | **Conference Room** | | 164 | |
| | **121** | 350 | Conference Room | 164 | | Community Relations |
| **7** | **Technology B** | | | | **1,566** | |
| | | | **Office** | | 1,522 | |
| | **201** | 310 | Office | 1,042 | | Community Relations |
| | **202** | 310 | Office | 156 | | Community Relations |
| | **202A** | 310 | Office | 119 | | Student Personnel Administration |
| | **206** | 310 | Office | 205 | | Student Personnel Administration |
| | | | **Storage** | | 44 | |
| | **200A** | 730 | Storage | 44 | | Institutional Research |
| **10** | **Admissions Counsel** | | | | **230** | |
| | | | **Office** | | 230 | |
| | **131** | 310 | Office | 230 | | Student Personnel Administration |
| **11** | **Data Processing** | | | | **2,914** | |
| | | | **Office** | | 1,538 | |
| | **111** | 310 | Office | 363 | | Administrative Data Processing Activities |
| | **112A** | 310 | Office | 97 | | Management Information Services |
| | **112B** | 310 | Office | 98 | | Management Information Services |
| | **114** | 310 | Office | 166 | | Management Information Services |
| | **115** | 310 | Office | 118 | | Management Information Services |
| | **116** | 310 | Office | 115 | | Management Information Services |
| | **117** | 310 | Office | 85 | | Management Information Services |
| | **118** | 310 | Office | 98 | | Management Information Services |
| | **119** | 310 | Office | 90 | | Management Information Services |
| | **120A** | 310 | Office | 143 | | Management Information Services |
| | **121** | 310 | Office | 165 | | Administrative Data Processing Activities |
| | | | **Data Processing/Computer** | | 810 | |
| | **125** | 710 | Data Processing/Computer | 810 | | Administrative Data Processing Activities |
| | | | **DP/Computer Service** | | 566 | |
| | **120** | 715 | DP/Computer Service | 270 | | Management Information Services |
| | **122** | 715 | DP/Computer Service | 197 | | Administrative Data Processing Activities |
| | **123** | 715 | DP/Computer Service | 99 | | Administrative Data Processing Activities |
| **17** | **Administration** | | | | **5,360** | |
| | | | **Office** | | 2,678 | |
| | **101** | 310 | Office | 725 | | General Administration Services |
| | **102** | 310 | Office | 253 | | Management Planning Functions |
| | **103** | 310 | Office | 415 | | Management Planning Functions |
| | **104** | 310 | Office | 131 | | Management Planning Functions |
| | **105** | 310 | Office | 128 | | Management Planning Functions |
| | **106** | 310 | Office | 147 | | Management Planning Functions |
| | **111** | 310 | Office | 84 | | General Administration Services |
| | **112A** | 310 | Office | 132 | | General Administration Services |
| | **113** | 310 | Office | 189 | | General Administration Services |
| | **114** | 310 | Office | 123 | | General Administration Services |
| | **116** | 310 | Office | 113 | | General Administration Services |

# APPENDIX E

| Bldg No. | Rm No. | Rm. Type | Room Name | Sub. ASF | Total ASF | Notes |
|---|---|---|---|---|---|---|
| | **117** | 310 | Office | 114 | | General Administration Services |
| | **118** | 310 | Office | 124 | | General Administration Services |
| | | | **Office Service** | | 121 | |
| | **103A** | 315 | Office Service | 33 | | Management Planning Functions |
| | **108** | 315 | Office Service | 88 | | Management Planning Functions |
| | | | **Meeting Room** | | 2,561 | |
| | **109** | 680 | Meeting Room | 620 | | General Administration Services |
| | **122** | 680 | Meeting Room | 1,941 | | General Administration Services |
| **21** | **MLK High Tech Center** | | | | **2,017** | |
| | | | **Office** | | 781 | |
| | **207** | 310 | Office | 392 | | Management Information Services |
| | **232** | 310 | Office | 209 | | Academic Administration |
| | **233** | 310 | Office | 180 | | Academic Administration |
| | | | **Data Processing/Computer** | | 1,236 | |
| | **107** | 710 | Data Processing/Computer | 100 | | Management Information Services |
| | **214** | 710 | Data Processing/Computer | 945 | | Management Information Services |
| | **215** | 710 | Data Processing/Computer | 91 | | Management Information Services |
| | **309** | 710 | Data Processing/Computer | 100 | | Management Information Services |
| **24** | **Student Center** | | | | **3,510** | |
| | | | **Office** | | 3,054 | |
| | **130** | 310 | Office | 745 | | Student Personnel Administration |
| | **202** | 310 | Office | 422 | | Fiscal Operations |
| | **202A** | 310 | Office | 128 | | Fiscal Operations |
| | **202B** | 310 | Office | 364 | | Fiscal Operations |
| | **204** | 310 | Office | 80 | | Student Personnel Administration |
| | **204A** | 310 | Office | 89 | | Student Personnel Administration |
| | **207** | 310 | Office | 595 | | Student Personnel Administration |
| | **207A** | 310 | Office | 126 | | Student Personnel Administration |
| | **207B** | 310 | Office | 95 | | Student Personnel Administration |
| | **207C** | 310 | Office | 131 | | Student Personnel Administration |
| | **207D** | 310 | Office | 111 | | Student Personnel Administration |
| | **207F** | 310 | Office | 168 | | Student Personnel Administration |
| | | | **Meeting Room** | | 456 | |
| | **206B** | 680 | Meeting Room | 456 | | Student Personnel Administration |
| **37** | **Digital Library** | | | | **140** | |
| | | | **Office** | | 140 | |
| | **234** | 310 | Office | 140 | | Management Information Services |
| **46** | **Outreach** | | | | **900** | |
| | | | **Office** | | 900 | |
| | **100** | 310 | Office | 900 | | Community Relations |
| **132** | **Alumni House** | | | | **3,371** | |
| | | | **Office** | | 1,309 | |
| | **3** | 310 | Office | 250 | | Community Relations |
| | **201** | 310 | Office | 154 | | Community Relations |
| | **202** | 310 | Office | 182 | | Community Relations |
| | **203** | 310 | Office | 211 | | Community Relations |
| | **204** | 310 | Office | 288 | | Community Relations |
| | **205** | 310 | Office | 224 | | Community Relations |
| | | | **Office Service** | | 417 | |
| | **2** | 315 | Office Service | 250 | | Community Relations |
| | **201A** | 315 | Office Service | 10 | | Community Relations |
| | **202A** | 315 | Office Service | 19 | | Community Relations |
| | **202B** | 315 | Office Service | 12 | | Community Relations |
| | **203A** | 315 | Office Service | 15 | | Community Relations |
| | **203B** | 315 | Office Service | 52 | | Community Relations |
| | **204A** | 315 | Office Service | 20 | | Community Relations |
| | **204B** | 315 | Office Service | 13 | | Community Relations |
| | **204C** | 315 | Office Service | 6 | | Community Relations |

| Bldg No. | Rm No. | Rm. Type | Room Name | Sub. ASF | Total ASF | Notes |
|---|---|---|---|---|---|---|
| | **205A** | 315 | Office Service | 20 | | Community Relations |
| | | | **Food Facilities** | | 140 | |
| | **104** | 630 | Food Facilities | 140 | | Community Relations |
| | | | **Food Facilities Service** | | 113 | |
| | **104A** | 635 | Food Facilities Service | 36 | | Community Relations |
| | **104C** | 635 | Food Facilities Service | 77 | | Community Relations |
| | | | **Meeting Room** | | 1,103 | |
| | **100** | 680 | Meeting Room | 265 | | Community Relations |
| | **101** | 680 | Meeting Room | 416 | | Community Relations |
| | **102** | 680 | Meeting Room | 198 | | Management Planning Functions |
| | **103** | 680 | Meeting Room | 224 | | Community Relations |
| | | | **Storage** | | 289 | |
| | **1** | 730 | Storage | 189 | | Community Relations |
| | **4** | 730 | Storage | 100 | | Community Relations |
| **166** | **March Educational Center** | | | | **2,134** | |
| | | | **Other** | | 2,134 | |
| | **20** | 590 | Other | 500 | | Community Relations |
| | **21** | 590 | Other | 387 | | Community Relations |
| | **22** | 590 | Other | 83 | | Community Relations |
| | **23** | 590 | Other | 94 | | Community Relations |
| | **24** | 590 | Other | 127 | | Community Relations |
| | **25** | 590 | Other | 72 | | Community Relations |
| | **26** | 590 | Other | 50 | | Community Relations |
| | **27** | 590 | Other | 190 | | Community Relations |
| | **30** | 590 | Other | 631 | | Community Relations |
| **Applied Technology** | | | | | **29,111** | |
| **6** | **Technology A** | | | | **7,082** | |
| | | | **Classroom** | | 584 | |
| | **128** | 110 | Classroom | 584 | | Manufacturing and Industrial Technology |
| | | | **Class Lab** | | 5,607 | |
| | **103B** | 210 | Class Lab | 607 | | HVAC |
| | **109** | 210 | Class Lab | 991 | | HVAC |
| | **110** | 210 | Class Lab | 1,118 | | HVAC |
| | **130** | 210 | Class Lab | 2,891 | | Manufacturing and Industrial Technology |
| | | | **Class Lab Service** | | 501 | |
| | **128A** | 215 | Class Lab Service | 63 | | Drafting Technology |
| | **129** | 215 | Class Lab Service | 438 | | Manufacturing and Industrial Technology |
| | | | **Office** | | 390 | |
| | **123** | 310 | Office | 122 | | Manufacturing and Industrial Technology |
| | **126** | 310 | Office | 149 | | Engineering and Industrial Technology |
| | **126A** | 310 | Office | 119 | | Engineering and Industrial Technology |
| **7** | **Technology B** | | | | **3,380** | |
| | | | **Class Lab** | | 3,068 | |
| | **121** | 210 | Class Lab | 680 | | Printing and Lithography |
| | **122** | 210 | Class Lab | 1,638 | | Printing and Lithography |
| | **123** | 210 | Class Lab | 750 | | Printing and Lithography |
| | | | **Class Lab Service** | | 221 | |
| | **125** | 215 | Class Lab Service | 221 | | Printing and Lithography |
| | | | **Office** | | 91 | |
| | **124** | 310 | Office | 91 | | Printing and Lithography |
| **30** | **Auto Technology** | | | | **18,649** | |
| | | | **Class Lab** | | 16,393 | |
| | **101A** | 210 | Class Lab | 770 | | Automotive Technology |
| | **101B** | 210 | Class Lab | 770 | | Automotive Technology |
| | **101C** | 210 | Class Lab | 770 | | Automotive Technology |
| | **101D** | 210 | Class Lab | 786 | | Automotive Technology |
| | **101E** | 210 | Class Lab | 770 | | Automotive Technology |
| | **101F** | 210 | Class Lab | 796 | | Automotive Technology |

# APPENDIX E

| Bldg No. | Rm No. | Rm. Type | Room Name | Sub. ASF | Total ASF | Notes |
|---|---|---|---|---|---|---|
| | 101G | 210 | Class Lab | 786 | | Automotive Technology |
| | 101H | 210 | Class Lab | 786 | | Automotive Technology |
| | 101J | 210 | Class Lab | 774 | | Automotive Technology |
| | 102 | 210 | Class Lab | 551 | | Automotive Technology |
| | 103A | 210 | Class Lab | 770 | | Automotive Technology |
| | 103B | 210 | Class Lab | 786 | | Automotive Technology |
| | 103C | 210 | Class Lab | 786 | | Automotive Technology |
| | 103D | 210 | Class Lab | 786 | | Automotive Technology |
| | 103E | 210 | Class Lab | 770 | | Automotive Technology |
| | 103F | 210 | Class Lab | 796 | | Automotive Technology |
| | 103G | 210 | Class Lab | 786 | | Automotive Technology |
| | 103H | 210 | Class Lab | 786 | | Automotive Technology |
| | 103J | 210 | Class Lab | 774 | | Automotive Technology |
| | 108 | 210 | Class Lab | 858 | | Automotive Technology |
| | 134 | 210 | Class Lab | 936 | | |
| | | | **Class Lab Service** | | 1,825 | |
| | 116 | 215 | Class Lab Service | 335 | | Automotive Technology |
| | 128 | 215 | Class Lab Service | 726 | | Automotive Technology |
| | 201 | 215 | Class Lab Service | 378 | | Automotive Technology |
| | 208 | 215 | Class Lab Service | 386 | | Automotive Technology |
| | | | **Office** | | 431 | |
| | 106 | 310 | Office | 209 | | Automotive Technology |
| | 130 | 310 | Office | 111 | | Automotive Technology |
| | 132 | 310 | Office | 111 | | Automotive Technology |
| **Art** | | | | | **12,195** | |
| **14** | **Art Building** | | | | **5,948** | |
| | | | **Class Lab** | | 5,023 | |
| | 101 | 210 | Class Lab | 1,030 | | Art |
| | 102 | 210 | Class Lab | 1,010 | | Art |
| | 201 | | | 2,983 | | Art |
| | | | **Class Lab Service** | | 343 | |
| | 101A | 215 | Class Lab Service | 47 | | Art |
| | 102A | 215 | Class Lab Service | 47 | | Art |
| | 102B | 215 | Class Lab Service | 50 | | Art |
| | 150 | 215 | Class Lab Service | 199 | | Art |
| | | | **Office** | | 582 | |
| | 101B | 310 | Office | 120 | | Art |
| | 103 | 310 | Office | 160 | | Art |
| | 200 | 310 | Office | 152 | | Art |
| | 201A | 310 | Office | 150 | | Art |
| **26** | **Ceramics Sculpture** | | | | **6,247** | |
| | | | **Class Lab** | | 5,195 | |
| | 201 | 210 | Class Lab | 992 | | Art |
| | 202 | 210 | Class Lab | 1,727 | | Art |
| | | | **Class Lab Service** | | 999 | |
| | 101 | 215 | Class Lab Service | 999 | | Art |
| | 203 | 215 | Class Lab Service | 377 | | Art |
| | 203B | 215 | Class Lab Service | 432 | | Art |
| | 204 | 215 | Class Lab Service | 488 | | Art |
| | 206 | 215 | Class Lab Service | 180 | | Art |
| | | | **Office** | | 53 | |
| | 103B | 310 | Office | 53 | | Art |
| **Bookstore** | | | | | **7,119** | |
| **24** | **Student Center** | | | | **7,119** | |
| | | | **Office** | | 560 | |
| | 210B | 310 | Office | 74 | | Bookstore |
| | 210C | 310 | Office | 300 | | Bookstore |

| Bldg No. | Rm No. | Rm. Type | Room Name | Sub. ASF | Total ASF | Notes |
|---|---|---|---|---|---|---|
| | 210D | 310 | Office | 186 | | Bookstore |
| | | | **Lounge** | | 156 | |
| | 212 | 650 | Lounge | 156 | | Bookstore |
| | | | **Merchandise Facility** | | 4,561 | |
| | 210 | 660 | Merchandise Facility | 4,561 | | Bookstore |
| | | | **Merchandise Facility Service** | | 1,842 | |
| | 210A | 665 | Merchandise Facility Service | 91 | | Bookstore |
| | 213 | 665 | Merchandise Facility Service | 1,100 | | Bookstore |
| | 214 | 665 | Merchandise Facility Service | 651 | | Bookstore |
| **Business Administration / Information Systems Technology** | | | | | **14,112** | |
| 21 | **MLK High Tech Center** | | | | **4,086** | |
| | | | **Class Lab** | | 3,605 | |
| | 205 | 210 | Class Lab | 690 | | Information Technology |
| | 219 | 210 | Class Lab | 2,581 | | Information Technology |
| | 231 | 210 | Class Lab | 334 | | Information Technology |
| | | | **Office** | | 238 | |
| | 224 | 310 | Office | 120 | | Information Technology |
| | 225 | 310 | Office | 118 | | Information Technology |
| | | | **Data Processing/Computer** | | 243 | |
| | 206 | 710 | Data Processing/Computer | 243 | | Information Technology |
| 32 | **Business Education** | | | | **9,126** | |
| | | | **Class Lab** | | 6,659 | |
| | 100 | 210 | Class Lab | 1,681 | | Information Technology |
| | 104 | 210 | Class Lab | 1,138 | | Accounting |
| | 200 | 210 | Class Lab | 1,542 | | Office Technology/Office Computer Applications |
| | 204 | 210 | Class Lab | 1,138 | | Office Technology/Office Computer Applications |
| | 208 | 210 | Class Lab | 1,160 | | Office Technology/Office Computer Applications |
| | | | **Class Lab Service** | | 312 | |
| | 200A | 215 | Class Lab Service | 220 | | Office Technology/Office Computer Applications |
| | 200B | 215 | Class Lab Service | 92 | | Office Technology/Office Computer Applications |
| | | | **Office** | | 1,742 | |
| | 120A | 310 | Office | 110 | | Management Information Services |
| | 120B | 310 | Office | 194 | | Management Information Services |
| | 120D | 310 | Office | 142 | | Management Information Services |
| | 220 | 310 | Office | 269 | | Business and Commerce |
| | 220A | 310 | Office | 84 | | Business and Commerce |
| | 220C | 310 | Office | 115 | | Business and Commerce |
| | 220D | 310 | Office | 116 | | Business and Commerce |
| | 220E | 310 | Office | 76 | | Business and Commerce |
| | 220F | 310 | Office | 88 | | Business and Commerce |
| | 220G | 310 | Office | 95 | | Business and Commerce |
| | 220H | 310 | Office | 83 | | Business and Commerce |
| | 220I | 310 | Office | 81 | | Business and Commerce |
| | 220J | 310 | Office | 81 | | Business and Commerce |
| | 220K | 310 | Office | 130 | | Business and Commerce |
| | 220L | 310 | Office | 78 | | Business and Commerce |
| | | | **Office Service** | | 295 | |
| | 214 | 315 | Office Service | 185 | | Business and Commerce |
| | 220B | 315 | Office Service | 110 | | |
| | | | **Data Processing/Computer** | | 78 | |
| | 120C | 710 | Data Processing/Computer | 78 | | Management Information Services |
| | | | **DP/Computer Service** | | 40 | |
| | 120E | 715 | DP/Computer Service | 40 | | Management Information Services |
| 165 | **Rubidoux Annex Complex** | | | | **900** | |
| | | | **Class Lab** | | 900 | |
| | 9 | 210 | Class Lab | 900 | | Computer Information Systems |
| | 10 | 210 | Class Lab | 900 | | Computer Information Systems |

# APPENDIX E

| Bldg No. | Rm No. | Rm. Type | Room Name | Sub. ASF | Total ASF | Notes |
|---|---|---|---|---|---|---|
| **Chemistry** | | | | | **6,193** | |
| **22** | **Physical Science** | | | | **6,193** | |
| | | | **Class Lab** | | 3,963 | |
| | **205** | 210 | Class Lab | 1,298 | | Chemistry |
| | **206** | 210 | Class Lab | 1,333 | | Chemistry |
| | **207** | 210 | Class Lab | 1,332 | | Chemistry |
| | | | **Class Lab Service** | | 1,712 | |
| | **204** | 215 | Class Lab Service | 1,398 | | Chemistry |
| | **210** | 215 | Class Lab Service | 112 | | Chemistry |
| | **211** | 215 | Class Lab Service | 112 | | Chemistry |
| | **212** | 215 | Class Lab Service | 90 | | Chemistry |
| | | | **Office** | | 518 | |
| | **201B** | 310 | Office | 63 | | Chemistry |
| | **201D** | 310 | Office | 68 | | Chemistry |
| | **201E** | 310 | Office | 63 | | Chemistry |
| | **201F** | 310 | Office | 63 | | Chemistry |
| | **201G** | 310 | Office | 63 | | Chemistry |
| | **201H** | 310 | Office | 63 | | Chemistry |
| | **201L** | 310 | Office | 63 | | Chemistry |
| | **214** | 310 | Office | 72 | | Chemistry |
| **Cosmetology** | | | | | **9,492** | |
| **18** | **Cosmetology** | | | | **9,492** | |
| | | | **Classroom** | | 592 | |
| | **205** | 110 | Classroom | 592 | | Cosmetology |
| | | | **Class Lab** | | 6,386 | |
| | **103** | 210 | Class Lab | 420 | | Cosmetology |
| | **104** | 210 | Class Lab | 1,510 | | Cosmetology |
| | **105** | 210 | Class Lab | 604 | | Cosmetology |
| | **106** | 210 | Class Lab | 1,510 | | Cosmetology |
| | **107** | 210 | Class Lab | 1,510 | | Cosmetology |
| | **207** | 210 | Class Lab | 832 | | Cosmetology |
| | | | **Class Lab Service** | | 944 | |
| | **101** | 215 | Class Lab Service | 308 | | Cosmetology |
| | **109** | 215 | Class Lab Service | 110 | | Cosmetology |
| | **113** | 215 | Class Lab Service | 336 | | Cosmetology |
| | **203** | 215 | Class Lab Service | 190 | | Cosmetology |
| | | | **Office** | | 762 | |
| | **102** | 310 | Office | 72 | | Cosmetology |
| | **204** | 310 | Office | 58 | | Cosmetology |
| | **210** | 310 | Office | 90 | | Cosmetology |
| | **212** | 310 | Office | 542 | | Cosmetology |
| | | | **Lounge** | | 808 | |
| | **112** | 650 | Lounge | 681 | | Cosmetology |
| | **208** | 650 | Lounge | 127 | | Cosmetology |
| **Early Childhood Studies** | | | | | **5,340** | |
| **31** | **Early Childhood Studies** | | | | **5,001** | |
| | | | **Office** | | 811 | |
| | **14** | 310 | Office | 811 | | Child Development Centers |
| | | | **Office Service** | | 51 | |
| | **16** | 315 | Office Service | 51 | | Child Development Centers |
| | | | **Conference Room** | | 187 | |
| | **15** | 350 | Conference Room | 187 | | Child Development Centers |
| | | | **Demonstration** | | 3,696 | |
| | **1** | 550 | Demonstration | 516 | | Child Development Centers |
| | **2** | 550 | Demonstration | 565 | | Child Development Centers |

| Bldg No. | Rm No. | Rm. Type | Room Name | Sub. ASF | Total ASF | Notes |
|---|---|---|---|---|---|---|
| | **3** | 550 | Demonstration | 493 | | Child Development Centers |
| | **4** | 550 | Demonstration | 526 | | Child Development Centers |
| | **5** | 550 | Demonstration | 24 | | Child Development Centers |
| | **6** | 550 | Demonstration | 524 | | Child Development Centers |
| | **7** | 550 | Demonstration | 524 | | Child Development Centers |
| | **8** | 550 | Demonstration | 524 | | Child Development Centers |
| | | | **Demonstration Service** | | 256 | |
| | **11** | 555 | Demonstration Service | 256 | | Child Development Centers |
| **45** | **ECS Portable** | | | | **339** | |
| | | | **Office** | | 339 | |
| | **1** | 310 | Office | 213 | | Child Development Centers |
| | **2** | 310 | Office | 126 | | Child Development Centers |
| **Economics, Geography and Political Science** | | | | | | |
| **English and Speech Communication** | | | | | **4,630** | |
| **21** | **MLK High Tech Center** | | | | **4,630** | |
| | | | **Class Lab** | | 3,438 | |
| | **119A** | 210 | Class Lab | 1,600 | | English |
| | **123** | 210 | Class Lab | 562 | | English |
| | **124** | 210 | Class Lab | 1,276 | | English |
| | | | **Office** | | 190 | |
| | **121** | 310 | Office | 95 | | English |
| | **122** | 310 | Office | 95 | | English |
| | | | **Read/Study Room** | | 1,002 | |
| | **111** | 410 | Read/Study Room | 330 | | English |
| | **119B** | 410 | Read/Study Room | 1,002 | | English |
| **Facilities, Operations and Maintenance** | | | | | **27,891** | |
| **3** | **Wheelock Gym** | | | | **800** | |
| | | | **Shop** | | 800 | |
| | **105B** | 720 | Shop | 800 | | Building Maintenance and Operation Support |
| **4** | **Maintenance Shop** | | | | **5,868** | |
| | | | **Office** | | 1,116 | |
| | **100A** | 310 | Office | 66 | | Building Maintenance and Operation Support |
| | **100B** | 310 | Office | 206 | | Building Maintenance and Operation Support |
| | **103** | 310 | Office | 118 | | Building Maintenance and Operation Support |
| | **104** | 310 | Office | 118 | | Building Maintenance and Operation Support |
| | **106** | 310 | Office | 195 | | Building Maintenance and Operation Support |
| | **112** | 310 | Office | 100 | | Building Maintenance and Operation Support |
| | **116** | 310 | Office | 107 | | Building Maintenance and Operation Support |
| | **117** | 310 | Office | 119 | | Building Maintenance and Operation Support |
| | **118** | 310 | Office | 87 | | Building Maintenance and Operation Support |
| | | | **Office Service** | | 185 | |
| | **108** | 315 | Office Service | 185 | | Building Maintenance and Operation Support |
| | | | **Shop** | | 4,522 | |
| | **110** | 720 | Shop | 196 | | Building Maintenance and Operation Support |
| | **120** | 720 | Shop | 433 | | Building Maintenance and Operation Support |
| | **122** | 720 | Shop | 986 | | Building Maintenance and Operation Support |
| | **124** | 720 | Shop | 327 | | Building Maintenance and Operation Support |
| | **125** | 720 | Shop | 160 | | Building Maintenance and Operation Support |
| | **126** | 720 | Shop | 2,420 | | Building Maintenance and Operation Support |

# APPENDIX E

| Bldg No. | Rm No. | Rm. Type | Room Name | Sub. ASF | Total ASF | Notes |
|---|---|---|---|---|---|---|
| | | | **Shop Service** | | 45 | |
| | 123 | 725 | Shop Service | 45 | | Building Maintenance and Operation Support |
| 5 | **Maintenance Pt Shop** | | | | **1,621** | |
| | | | **Shop** | | 1,621 | |
| | 129 | 720 | Shop | 637 | | Building Maintenance and Operation Support |
| | 130 | 720 | Shop | 244 | | Building Maintenance and Operation Support |
| | 131 | 720 | Shop | 424 | | Building Maintenance and Operation Support |
| | 132 | 720 | Shop | 316 | | Building Maintenance and Operation Support |
| 7 | **Technology B** | | | | **7,923** | |
| | | | **Office** | | 803 | |
| | 102 | 310 | Office | 225 | | Building Maintenance and Operation Support |
| | 103 | 310 | Office | 122 | | Building Maintenance and Operation Support |
| | 104 | 310 | Office | 123 | | Building Maintenance and Operation Support |
| | 105 | 310 | Office | 8 | | Building Maintenance and Operation Support |
| | 106 | 310 | Office | 118 | | Building Maintenance and Operation Support |
| | 205 | 310 | Office | 207 | | Logistical Services |
| | | | **Office Service** | | 83 | |
| | 204 | 315 | Office Service | 83 | | Logistical Services |
| | | | **Shop** | | 4,917 | |
| | 1 | 720 | Shop | 616 | | Grounds Maintenance and Repairs |
| | 3A | 720 | Shop | 251 | | Building Maintenance and Operation Support |
| | 7 | 720 | Shop | 212 | | Building Maintenance and Operation Support |
| | 101 | 720 | Shop | 3,618 | | Building Maintenance and Operation Support |
| | 106A | 720 | Shop | 158 | | Building Maintenance and Operation Support |
| | 107 | 720 | Shop | 62 | | Building Maintenance and Operation Support |
| | | | **Shop Service** | | 2,120 | |
| | 2 | 725 | Shop Service | 223 | | Building Maintenance and Operation Support |
| | 3 | 725 | Shop Service | 120 | | Building Maintenance and Operation Support |
| | 4 | 725 | Shop Service | 222 | | Building Maintenance and Operation Support |
| | 5 | 725 | Shop Service | 635 | | Building Maintenance and Operation Support |
| | 6 | 725 | Shop Service | 508 | | Building Maintenance and Operation Support |
| | 108 | 725 | Shop Service | 322 | | Building Maintenance and Operation Support |
| | 111 | 725 | Shop Service | 90 | | Building Maintenance and Operation Support |
| 9 | **Safety/Security** | | | | **550** | |
| | | | **Office** | | 425 | |
| | 115 | 310 | Office | 51 | | Logistical Services |
| | 115A | 310 | Office | 120 | | Logistical Services |
| | 115B | 310 | Office | 86 | | Logistical Services |
| | 115C | 310 | Office | 118 | | Logistical Services |
| | 115E | 310 | Office | 50 | | Logistical Services |
| | | | **Office Service** | | 125 | |
| | 115D | 315 | Office Service | 125 | | Logistical Services |
| 16 | **Main Warehouse** | | | | **2,990** | |
| | | | **Shop** | | 725 | |
| | 101 | 720 | Shop | 204 | | |
| | 102 | 720 | Shop | 273 | | |
| | 103 | 720 | Shop | 248 | | |
| | | | **Storage** | | 2,265 | |
| | 100 | 730 | Storage | 2,265 | | |
| 17 | **Administration** | | | | **719** | |
| | | | **Shop** | | 719 | |
| | 110 | 720 | Shop | 372 | | Logistical Services |
| | 112 | 720 | Shop | 347 | | Logistical Services |
| 25 | **Warehouse Annex B** | | | | **2,863** | |
| | | | **Office** | | 268 | |
| | 1A | 310 | Office | 268 | | Logistical Services |

| Bldg No. | Rm No. | Rm. Type | Room Name | Sub. ASF | Total ASF | Notes |
|---|---|---|---|---|---|---|
| | | | **Storage** | | 2,595 | |
| | 1 | 730 | Storage | 2,595 | | Logistical Services |
| 28 | **Campus Police/Safety** | | | | **845** | |
| | | | **Office** | | 789 | |
| | 100 | 310 | Office | 650 | | Logistical Services |
| | 101 | 310 | Office | 139 | | Logistical Services |
| | | | **Locker Room** | | 56 | |
| | 102 | 690 | Locker Room | 56 | | Logistical Services |
| 41 | **Storage Building** | | | | **971** | |
| | | | **Recreation Service** | | 712 | |
| | 101 | 675 | Recreation Service | 712 | | Students and Co-curricular Activities |
| | | | **Storage** | | 259 | |
| | 100 | 730 | Storage | 259 | | Building Maintenance and Operation Support |
| 43 | **Grounds Equipment** | | | | **1,708** | |
| | | | **Office** | | 167 | |
| | 3 | 310 | Office | 167 | | Building Maintenance and Operation Support |
| | | | **Storage** | | 1,541 | |
| | 1 | 730 | Storage | 219 | | Building Maintenance and Operation Support |
| | 2 | 730 | Storage | 222 | | Building Maintenance and Operation Support |
| | 4 | 730 | Storage | 550 | | Building Maintenance and Operation Support |
| | 5 | 730 | Storage | 550 | | Logistical Services |
| 44 | **Grounds Greenhouse** | | | | **735** | |
| | | | **Shop Service** | | 580 | |
| | 2 | 725 | Shop Service | 580 | | Building Maintenance and Operation Support |
| | | | **Storage** | | 155 | |
| | 1 | 730 | Storage | 155 | | Building Maintenance and Operation Support |
| 48 | **Parking Structure** | | | | **298** | |
| | | | **Office** | | 181 | |
| | 510 | 310 | Office | 181 | | Logistical Services |
| | | | **Office Service** | | 50 | |
| | 510B | 315 | Office Service | 50 | | Logistical Services |
| | | | **Data Processing/Computer** | | 67 | |
| | 510A | 710 | Data Processing/Computer | 67 | | Logistical Services |
| **General Assignment** | | | | | **148,555** | |
| 1 | **Quadrangle** | | | | **42,904** | |
| | | | **Classroom** | | 30,594 | |
| | 12 | 110 | Classroom | 358 | | General Assignment |
| | 13 | 110 | Classroom | 238 | | General Assignment |
| | 15 | 110 | Classroom | 546 | | General Assignment |
| | 16 | 110 | Classroom | 803 | | General Assignment |
| | 24 | 110 | Classroom | 695 | | General Assignment |
| | 25 | 110 | Classroom | 783 | | General Assignment |
| | 26 | 110 | Classroom | 567 | | General Assignment |
| | 101 | 110 | Classroom | 428 | | General Assignment |
| | 102 | 110 | Classroom | 505 | | General Assignment |
| | 103 | 110 | Classroom | 703 | | General Assignment |
| | 105 | 110 | Classroom | 496 | | General Assignment |
| | 106 | 110 | Classroom | 715 | | General Assignment |
| | 107 | 110 | Classroom | 711 | | General Assignment |
| | 109 | 110 | Classroom | 581 | | General Assignment |
| | 110 | 110 | Classroom | 639 | | General Assignment |
| | 111 | 110 | Classroom | 845 | | General Assignment |
| | 115 | 110 | Classroom | 555 | | General Assignment |

# APPENDIX E

| Bldg No. | Rm No. | Rm. Type | Room Name | Sub. ASF | Total ASF | Notes |
|---|---|---|---|---|---|---|
| | 116 | 110 | Classroom | 442 | | General Assignment |
| | 117 | 110 | Classroom | 398 | | General Assignment |
| | 118 | 110 | Classroom | 428 | | General Assignment |
| | 119 | 110 | Classroom | 419 | | General Assignment |
| | 120 | 110 | Classroom | 903 | | General Assignment |
| | 121 | 110 | Classroom | 834 | | General Assignment |
| | 122 | 110 | Classroom | 564 | | General Assignment |
| | 123 | 110 | Classroom | 521 | | General Assignment |
| | 127 | 110 | Classroom | 986 | | General Assignment |
| | 128 | 110 | Classroom | 989 | | General Assignment |
| | 129 | 110 | Classroom | 1,194 | | General Assignment |
| | 201 | 110 | Classroom | 816 | | General Assignment |
| | 202 | 110 | Classroom | 723 | | General Assignment |
| | 203 | 110 | Classroom | 707 | | General Assignment |
| | 204 | 110 | Classroom | 518 | | General Assignment |
| | 205 | 110 | Classroom | 707 | | General Assignment |
| | 207A | 110 | Classroom | 857 | | General Assignment |
| | 211 | 110 | Classroom | 381 | | General Assignment |
| | 212 | 110 | Classroom | 525 | | General Assignment |
| | 213 | 110 | Classroom | 611 | | General Assignment |
| | 215 | 110 | Classroom | 842 | | General Assignment |
| | 216 | 110 | Classroom | 867 | | General Assignment |
| | 218 | 110 | Classroom | 1,094 | | General Assignment |
| | 227 | 110 | Classroom | 986 | | General Assignment |
| | 228 | 110 | Classroom | 989 | | General Assignment |
| | 229 | 110 | Classroom | 1,194 | | General Assignment |
| | 240 | 110 | Classroom | 931 | | General Assignment |
| | | | **Classroom Service** | | 485 | |
| | 12A | 115 | Classroom Service | 42 | | General Assignment |
| | 13A | 115 | Classroom Service | 41 | | General Assignment |
| | 16A | 115 | Classroom Service | 60 | | General Assignment |
| | 16B | 115 | Classroom Service | 70 | | General Assignment |
| | 16C | 115 | Classroom Service | 90 | | General Assignment |
| | 124 | 115 | Classroom Service | 83 | | General Assignment |
| | 201A | 115 | Classroom Service | 99 | | General Assignment |
| | | | **Office** | | 6,784 | |
| | 10 | 310 | Office | 93 | | General Assignment |
| | 14 | 310 | Office | 192 | | General Assignment |
| | 15A | 310 | Office | 100 | | General Assignment |
| | 15B | 310 | Office | 100 | | General Assignment |
| | 21A | 310 | Office | 100 | | General Assignment |
| | 21C | 310 | Office | 95 | | General Assignment |
| | 21D | 310 | Office | 92 | | General Assignment |
| | 21E | 310 | Office | 87 | | General Assignment |
| | 22A | 310 | Office | 99 | | General Assignment |
| | 22B | 310 | Office | 91 | | General Assignment |
| | 22C | 310 | Office | 93 | | General Assignment |
| | 22D | 310 | Office | 94 | | General Assignment |
| | 22E | 310 | Office | 94 | | General Assignment |
| | 22F | 310 | Office | 91 | | General Assignment |
| | 22G | 310 | Office | 88 | | General Assignment |
| | 22J | 310 | Office | 87 | | General Assignment |
| | 23A | 310 | Office | 94 | | General Assignment |
| | 23B | 310 | Office | 96 | | General Assignment |
| | 23D | 310 | Office | 78 | | General Assignment |
| | 23E | 310 | Office | 78 | | General Assignment |
| | 23F | 310 | Office | 122 | | General Assignment |
| | 100 | 310 | Office | 156 | | General Assignment |
| | 100A | 310 | Office | 115 | | General Assignment |
| | 112A | 310 | Office | 105 | | General Assignment |
| | 113A | 310 | Office | 91 | | General Assignment |
| | 113B | 310 | Office | 93 | | General Assignment |
| | 113D | 310 | Office | 133 | | General Assignment |
| | 113E | 310 | Office | 131 | | General Assignment |
| | 113F | 310 | Office | 93 | | General Assignment |
| | 113G | 310 | Office | 93 | | General Assignment |
| | 120M | 310 | Office | 112 | | General Assignment |
| | 120N | 310 | Office | 140 | | General Assignment |

| Bldg No. | Rm No. | Rm. Type | Room Name | Sub. ASF | Total ASF | Notes |
|---|---|---|---|---|---|---|
| | 139 | 310 | Office | 99 | | General Assignment |
| | 141A | 310 | Office | 100 | | General Assignment |
| | 141B | 310 | Office | 145 | | General Assignment |
| | 141D | 310 | Office | 89 | | General Assignment |
| | 141E | 310 | Office | 83 | | General Assignment |
| | 141F | 310 | Office | 99 | | General Assignment |
| | 141H | 310 | Office | 104 | | General Assignment |
| | 141J | 310 | Office | 75 | | General Assignment |
| | 200 | 310 | Office | 187 | | General Assignment |
| | 208B | 310 | Office | 164 | | General Assignment |
| | 208D | 310 | Office | 109 | | General Assignment |
| | 209 | 310 | Office | 157 | | General Assignment |
| | 210A | 310 | Office | 76 | | General Assignment |
| | 210B | 310 | Office | 105 | | General Assignment |
| | 210C | 310 | Office | 109 | | General Assignment |
| | 210D | 310 | Office | 96 | | General Assignment |
| | 213A | 310 | Office | 190 | | General Assignment |
| | 213B | 310 | Office | 83 | | General Assignment |
| | 213C | 310 | Office | 87 | | General Assignment |
| | 214A | 310 | Office | 113 | | General Assignment |
| | 214B | 310 | Office | 120 | | General Assignment |
| | 214C | 310 | Office | 84 | | General Assignment |
| | 214D | 310 | Office | 119 | | General Assignment |
| | 214E | 310 | Office | 108 | | General Assignment |
| | 222A | 310 | Office | 80 | | General Assignment |
| | 222B | 310 | Office | 80 | | General Assignment |
| | 222C | 310 | Office | 80 | | General Assignment |
| | 222D | 310 | Office | 80 | | General Assignment |
| | 222E | 310 | Office | 80 | | General Assignment |
| | 222F | 310 | Office | 80 | | General Assignment |
| | 239B | 310 | Office | 113 | | General Assignment |
| | 239C | 310 | Office | 82 | | General Assignment |
| | 239D | 310 | Office | 82 | | General Assignment |
| | | | **Office Service** | | 885 | |
| | 11 | 315 | Office Service | 110 | | General Assignment |
| | 21B | 315 | Office Service | 200 | | General Assignment |
| | 22H | 315 | Office Service | 91 | | General Assignment |
| | 100B | 315 | Office Service | 23 | | General Assignment |
| | 100C | 315 | Office Service | 27 | | General Assignment |
| | 139B | 315 | Office Service | 99 | | General Assignment |
| | 139C | 315 | Office Service | 99 | | General Assignment |
| | 141G | 315 | Office Service | 100 | | General Assignment |
| | 208A | 315 | Office Service | 86 | | General Assignment |
| | 224 | 315 | Office Service | 25 | | General Assignment |
| | 225 | 315 | Office Service | 25 | | General Assignment |
| | | | **Assembly** | | 2,006 | |
| | 144 | 610 | Assembly | 1,516 | | General Assignment |
| | 144B | | | 490 | | General Assignment |
| | | | **Assembly Service** | | 887 | |
| | 142 | 615 | Assembly Service | 249 | | General Assignment |
| | 143 | 615 | Assembly Service | 445 | | General Assignment |
| | 143C | 615 | Assembly Service | 21 | | General Assignment |
| | 145B | 615 | Assembly Service | 172 | | General Assignment |
| | | | **Lounge** | | 469 | |
| | 207 | 650 | Lounge | 469 | | General Assignment |
| | | | **Meeting Room** | | 212 | |
| | 23C | 680 | Meeting Room | 212 | | General Assignment |
| | | | **Data Processing/Computer** | | 582 | |
| | 9A | 710 | Data Processing/Computer | 131 | | General Assignment |
| | 112D | 710 | Data Processing/Computer | 215 | | General Assignment |
| | 120J | 710 | Data Processing/Computer | 148 | | General Assignment |
| | 220 | 710 | Data Processing/Computer | 88 | | General Assignment |
| 3 | **Wheelock Gym** | | | | **930** | |
| | | | **Classroom** | | 930 | |
| | 101 | 310 | Classroom | 930 | | General Assignment |

# APPENDIX E

| Bldg No. | Rm No. | Rm. Type | Room Name | Sub. ASF | Total ASF | Notes |
|---|---|---|---|---|---|---|
| **4** | **Maintenance Shop** | | | | **200** | |
| | | | **Lounge** | | 200 | |
| | **114** | 650 | Lounge | 200 | | General Assignment |
| **6** | **Technology A** | | | | **3,765** | |
| | | | **Classroom** | | 1,831 | |
| | **103A** | 110 | Classroom | 547 | | General Assignment |
| | **108** | 110 | Classroom | 804 | | General Assignment |
| | **132** | 110 | Classroom | 480 | | General Assignment |
| | | | **Classroom Service** | | 122 | |
| | **132A** | 115 | Classroom Service | 122 | | General Assignment |
| | | | **Class Lab** | | 1,013 | |
| | **127** | 210 | Class Lab | 1,013 | | General Studies |
| | | | **Office** | | 287 | |
| | **105** | 310 | Office | 130 | | General Assignment |
| | **106** | 310 | Office | 100 | | General Assignment |
| | **133C** | 310 | Office | 57 | | General Assignment |
| | | | **Office Service** | | 164 | |
| | **133** | 315 | Office Service | 124 | | General Assignment |
| | **133B** | 315 | Office Service | 40 | | General Assignment |
| | | | **Data Processing/Computer** | | 40 | |
| | **133A** | 710 | Data Processing/Computer | 40 | | General Assignment |
| | | | **DP/Computer Service** | | 80 | |
| | **127A** | 715 | DP/Computer Service | 80 | | General Assignment |
| | | | **Storage** | | 228 | |
| | **111A** | 730 | Storage | 228 | | General Assignment |
| **7** | **Technology B** | | | | **1,142** | |
| | | | **Classroom** | | 1,142 | |
| | **203** | 110 | Classroom | 1,142 | | General Assignment |
| **15** | **Huntley Gym** | | | | **651** | |
| | | | **Classroom** | | 651 | |
| | **108** | 110 | Classroom | 651 | | General Assignment |
| **17** | **Administration** | | | | **4,023** | |
| | | | **Inactive Area** | | 205 | |
| | **126A** | 50 | Inactive Area | 139 | | General Assignment |
| | **126B** | 50 | Inactive Area | 66 | | General Assignment |
| | | | **Classroom** | | 3,571 | |
| | **123** | 110 | Classroom | 1,010 | | General Assignment |
| | **124** | 110 | Classroom | 994 | | General Assignment |
| | **125** | 110 | Classroom | 840 | | General Assignment |
| | **126** | 110 | Classroom | 727 | | General Assignment |
| | | | **Classroom Service** | | 134 | |
| | **125A** | 115 | Classroom Service | 93 | | General Assignment |
| | **125B** | 115 | Classroom Service | 41 | | General Assignment |
| | | | **Office** | | 113 | |
| | **115** | 310 | Office | 113 | | General Assignment |
| **20** | **Life Science** | | | | **4,884** | |
| | | | **Classroom** | | 4,884 | |
| | **108** | 110 | Classroom | 1,494 | | General Assignment |
| | **201A** | 110 | Classroom | 684 | | General Assignment |
| | **202A** | 110 | Classroom | 664 | | General Assignment |
| | **204** | 110 | Classroom | 628 | | General Assignment |
| | **205** | 110 | Classroom | 588 | | General Assignment |
| | **208** | 110 | Classroom | 826 | | General Assignment |
| **21** | **MLK High Tech Center** | | | | **2,941** | |
| | | | **Classroom** | | 1,090 | |

| Bldg No. | Rm No. | Rm. Type | Room Name | Sub. ASF | Total ASF | Notes |
|---|---|---|---|---|---|---|
| | **306** | 110 | Classroom | 1,090 | | General Assignment |
| | | | **Office** | | 399 | |
| | **114** | 310 | Office | 84 | | General Assignment |
| | **126** | 310 | Office | 150 | | General Assignment |
| | **222A** | 310 | Office | 40 | | General Assignment |
| | **222B** | 310 | Office | 40 | | General Assignment |
| | **222C** | 310 | Office | 40 | | General Assignment |
| | **222D** | 310 | Office | 45 | | General Assignment |
| | | | **Office Service** | | 94 | |
| | **213** | 315 | Office Service | 94 | | General Assignment |
| | | | **Other** | | 1,030 | |
| | **222** | 590 | Other | 1,030 | | General Assignment |
| | | | **Meeting Room** | | 328 | |
| | **203** | 680 | Meeting Room | 328 | | General Assignment |
| **22** | **Physical Science** | | | | **5,979** | |
| | | | **Classroom** | | 5,382 | |
| | **102** | 110 | Classroom | 851 | | General Assignment |
| | **103** | 110 | Classroom | 905 | | General Assignment |
| | **106** | 110 | Classroom | 1,325 | | General Assignment |
| | **202** | 110 | Classroom | 1,003 | | General Assignment |
| | **203** | 110 | Classroom | 1,298 | | General Assignment |
| | | | **Classroom Service** | | 182 | |
| | **202B** | 115 | Classroom Service | 182 | | General Assignment |
| | | | **Office** | | 126 | |
| | **201J** | 310 | Office | 63 | | General Assignment |
| | **201K** | 310 | Office | 63 | | General Assignment |
| | | | **Lounge Service** | | 197 | |
| | **109** | 655 | Lounge Service | 197 | | General Assignment |
| | | | **Meeting Room Service** | | 92 | |
| | **101A** | 685 | Meeting Room Service | 92 | | General Assignment |
| **24** | **Student Center** | | | | **4,195** | |
| | | | **Meeting Room** | | 4,195 | |
| | **111A** | 680 | Meeting Room | 360 | | General Assignment |
| | **111B** | 680 | Meeting Room | 360 | | General Assignment |
| | **111C** | 680 | Meeting Room | 360 | | General Assignment |
| | **201** | 680 | Meeting Room | 2,675 | | General Assignment |
| | **206A** | 680 | Meeting Room | 280 | | General Assignment |
| | **206C** | 680 | Meeting Room | 160 | | General Assignment |
| **31** | **Early Childhood Studies** | | | | **1,041** | |
| | | | **Classroom** | | 1,041 | |
| | **9** | 110 | Classroom | 1,041 | | General Assignment |
| **32** | **Business Education** | | | | **6,294** | |
| | | | **Classroom** | | 4,691 | |
| | **106** | 110 | Classroom | 1,026 | | General Assignment |
| | **108** | 110 | Classroom | 1,370 | | General Assignment |
| | **124** | 110 | Classroom | 1,125 | | General Assignment |
| | **206** | 110 | Classroom | 1,170 | | General Assignment |
| | | | **Office** | | 355 | |
| | **110A** | 310 | Office | 71 | | General Assignment |
| | **110B** | 310 | Office | 71 | | General Assignment |
| | **110C** | 310 | Office | 71 | | General Assignment |
| | **110D** | 310 | Office | 71 | | General Assignment |
| | **110E** | 310 | Office | 71 | | General Assignment |
| | | | **Classroom Service** | | 78 | |
| | **106A** | 115 | Classroom Service | 78 | | General Assignment |
| | | | **Meeting Room** | | 1,170 | |
| | **10** | 680 | Meeting Room | 1,170 | | General Assignment |
| **35** | **Music Hall** | | | | **807** | |

# APPENDIX E

| Bldg No. | Rm No. | Rm. Type | Room Name | Sub. ASF | Total ASF | Notes |
|---|---|---|---|---|---|---|
| | | | **Classroom** | | 807 | |
| | **100** | 110 | Classroom | 807 | | General Assignment |
| **36** | **Pilates** | | | | **918** | |
| | | | **Classroom** | | 918 | |
| | **101** | 110 | Classroom | 918 | | General Assignment |
| **37** | **Digital Library** | | | | **8,275** | |
| | | | **Inactive Area** | | 3,452 | |
| | **401** | 50 | Inactive Area | 506 | | General Assignment |
| | **402** | 50 | Inactive Area | 385 | | General Assignment |
| | **403** | 50 | Inactive Area | 1,143 | | General Assignment |
| | **404** | 50 | Inactive Area | 635 | | General Assignment |
| | **409** | 50 | Inactive Area | 703 | | General Assignment |
| | **410** | 50 | Inactive Area | 80 | | General Assignment |
| | | | **Other** | | 538 | |
| | **106** | 590 | Other | 538 | | General Assignment |
| | | | **Assembly** | | 2,500 | |
| | **121** | 610 | Assembly | 2,500 | | General Assignment |
| | | | **Assembly Service** | | 346 | |
| | **120** | 615 | Assembly Service | 250 | | General Assignment |
| | **122** | 615 | Assembly Service | 96 | | General Assignment |
| | | | **Lounge** | | 910 | |
| | **125** | 650 | Lounge | 910 | | General Assignment |
| | | | **Meeting Room** | | 107 | |
| | **140** | 680 | Meeting Room | 107 | | General Assignment |
| | | | **Data Processing/Computer** | | 422 | |
| | **148** | 710 | Data Processing/Computer | 212 | | General Assignment |
| | **149** | 710 | Data Processing/Computer | 210 | | General Assignment |
| **39** | **Lovekin Complex** | | | | **51,405** | |
| | | | **Inactive Area** | | 51,405 | |
| | **A1** | 50 | Inactive Area | 900 | | General Assignment |
| | **B1** | 50 | Inactive Area | 900 | | General Assignment |
| | **C1** | 50 | Inactive Area | 900 | | General Assignment |
| | **D1** | 50 | Inactive Area | 900 | | General Assignment |
| | **E1** | 50 | Inactive Area | 900 | | General Assignment |
| | **F1** | 50 | Inactive Area | 900 | | General Assignment |
| | **G1** | 50 | Inactive Area | 900 | | General Assignment |
| | **H1** | 50 | Inactive Area | 900 | | General Assignment |
| | **A2** | 50 | Inactive Area | 900 | | General Assignment |
| | **B2** | 50 | Inactive Area | 900 | | General Assignment |
| | **C2** | 50 | Inactive Area | 1,835 | | General Assignment |
| | **D2** | 50 | Inactive Area | 900 | | General Assignment |
| | **E2** | 50 | Inactive Area | 900 | | General Assignment |
| | **F2** | 50 | Inactive Area | 900 | | General Assignment |
| | **G2** | 50 | Inactive Area | 900 | | General Assignment |
| | **H2** | 50 | Inactive Area | 900 | | General Assignment |
| | **A3** | 50 | Inactive Area | 900 | | General Assignment |
| | **B3** | 50 | Inactive Area | 900 | | General Assignment |
| | **C3** | 50 | Inactive Area | 900 | | General Assignment |
| | **E3** | 50 | Inactive Area | 900 | | General Assignment |
| | **F3** | 50 | Inactive Area | 900 | | General Assignment |
| | **G3** | 50 | Inactive Area | 900 | | General Assignment |
| | **H3** | 50 | Inactive Area | 900 | | General Assignment |
| | **A4** | 50 | Inactive Area | 900 | | General Assignment |
| | **B4** | 50 | Inactive Area | 900 | | General Assignment |
| | **C4** | 50 | Inactive Area | 1,835 | | General Assignment |
| | **D4** | 50 | Inactive Area | 900 | | General Assignment |
| | **E4** | 50 | Inactive Area | 900 | | General Assignment |
| | **F4** | 50 | Inactive Area | 900 | | General Assignment |
| | **G4** | 50 | Inactive Area | 900 | | General Assignment |
| | **A5** | 50 | Inactive Area | 900 | | General Assignment |
| | **B5** | 50 | Inactive Area | 900 | | General Assignment |

| Bldg No. | Rm No. | Rm. Type | Room Name | Sub. ASF | Total ASF | Notes |
|---|---|---|---|---|---|---|
| | C5 | 50 | Inactive Area | 900 | | General Assignment |
| | D5 | 50 | Inactive Area | 900 | | General Assignment |
| | E5 | 50 | Inactive Area | 900 | | General Assignment |
| | F5 | 50 | Inactive Area | 900 | | General Assignment |
| | G5 | 50 | Inactive Area | 900 | | General Assignment |
| | A6 | 50 | Inactive Area | 900 | | General Assignment |
| | B6 | 50 | Inactive Area | 900 | | General Assignment |
| | C6 | 50 | Inactive Area | 1,835 | | General Assignment |
| | D6 | 50 | Inactive Area | 900 | | General Assignment |
| | E6 | 50 | Inactive Area | 900 | | General Assignment |
| | F6 | 50 | Inactive Area | 900 | | General Assignment |
| | G6 | 50 | Inactive Area | 900 | | General Assignment |
| | A7 | 50 | Inactive Area | 900 | | General Assignment |
| | B7 | 50 | Inactive Area | 900 | | General Assignment |
| | C7 | 50 | Inactive Area | 900 | | General Assignment |
| | D7 | 50 | Inactive Area | 900 | | General Assignment |
| | E7 | 50 | Inactive Area | 900 | | General Assignment |
| | F7 | 50 | Inactive Area | 900 | | General Assignment |
| | A8 | 50 | Inactive Area | 900 | | General Assignment |
| | F8 | 50 | Inactive Area | 900 | | General Assignment |
| | A9 | 50 | Inactive Area | 900 | | General Assignment |
| | F9 | 50 | Inactive Area | 900 | | General Assignment |
| 47 | Portable 6 | | | | 900 | |
| | | | Office | | 900 | |
| | 100 | 310 | Office | 900 | | General Assignment |
| 48 | Parking Structure | | | | 101 | |
| | | | Data Processing/Computer | | 101 | |
| | 550A | 710 | Data Processing/Computer | 101 | | General Assignment |
| 165 | Rubidoux Annex Complex | | | | 7,200 | |
| | | | Classroom | | 6,300 | |
| | P1 | 110 | Classroom | 900 | | General Assignment |
| | P2 | 110 | Classroom | 900 | | General Assignment |
| | P3 | 110 | Classroom | 900 | | General Assignment |
| | P4 | 110 | Classroom | 900 | | General Assignment |
| | P5 | 110 | Classroom | 900 | | General Assignment |
| | T7 | 110 | Classroom | 900 | | General Assignment |
| | T8 | 110 | Classroom | 900 | | General Assignment |
| | | | Office | | 900 | |
| | T11 | 310 | Office | 900 | | General Assignment |
| History, Philosophy and Humanities | | | | | | |
| Journalism | | | | | 642 | |
| 34 | Assessment/Placement | | | | 642 | |
| | | | Class Lab | | 375 | |
| | 2 | 210 | Class Lab | 375 | | Journalism |
| | | | Office | | 267 | |
| | 2A | 310 | Office | 71 | | Journalism |
| | 2B | 310 | Office | 71 | | Journalism |
| | 2E | 310 | Office | 125 | | Journalism |
| Library | | | | | 61,654 | |

# APPENDIX E

| Bldg No. | Rm No. | Rm. Type | Room Name | Sub. ASF | Total ASF | Notes |
|---|---|---|---|---|---|---|
| **37** | **Digital Library** | | | | **61,654** | |
| | | | **Class Lab** | | 3,444 | |
| | **205** | 210 | Class Lab | 1,482 | | Library Science, General |
| | **206** | 210 | Class Lab | 962 | | Library Science, General |
| | **231** | 210 | Class Lab | 1,000 | | General Studies |
| | | | **Office** | | 3,267 | |
| | **105** | 310 | Office | 208 | | Graphic Arts and Design |
| | **139** | 310 | Office | 184 | | Media Services |
| | **142** | 310 | Office | 238 | | Media Services |
| | **144** | 310 | Office | 152 | | Media Services |
| | **146** | 310 | Office | 100 | | Logistical Services |
| | **219** | 310 | Office | 140 | | Library |
| | **232** | 310 | Office | 160 | | Library |
| | **413** | 310 | Office | 316 | | Library |
| | **414** | 310 | Office | 462 | | Library |
| | **418** | 310 | Office | 165 | | Library |
| | **419** | 310 | Office | 161 | | Library |
| | **420** | 310 | Office | 159 | | Library |
| | **421** | 310 | Office | 159 | | Library |
| | **422** | 310 | Office | 159 | | Library |
| | **431** | 310 | Office | 188 | | Library |
| | **432** | 310 | Office | 166 | | Library |
| | **433** | 310 | Office | 150 | | Library |
| | | | **Office Service** | | 81 | |
| | **416** | 315 | Office Service | 81 | | Library |
| | | | **Read/Study Room** | | 43,506 | |
| | **112** | 410 | Read/Study Room | 730 | | Library |
| | **207** | 410 | Read/Study Room | 142 | | Library |
| | **208** | 410 | Read/Study Room | 131 | | Library |
| | **209** | 410 | Read/Study Room | 133 | | Library |
| | **210** | 410 | Read/Study Room | 135 | | Library |
| | **211** | 410 | Read/Study Room | 136 | | Library |
| | **212** | 410 | Read/Study Room | 138 | | Library |
| | **214** | 410 | Read/Study Room | 1,815 | | Library |
| | **216** | 410 | Read/Study Room | 388 | | Library |
| | **220** | 410 | Read/Study Room | 770 | | Library |
| | **227** | 410 | Read/Study Room | 720 | | Library |
| | **228** | 410 | Read/Study Room | 10,447 | | Library |
| | **237** | 410 | Read/Study Room | 1,740 | | Library |
| | **303** | 410 | Read/Study Room | 4,856 | | Library |
| | **304** | 410 | Read/Study Room | 87 | | Library |
| | **305** | 410 | Read/Study Room | 87 | | Library |
| | **306** | 410 | Read/Study Room | 87 | | Library |
| | **307** | 410 | Read/Study Room | 87 | | Library |
| | **308** | 410 | Read/Study Room | 87 | | Library |
| | **309** | 410 | Read/Study Room | 87 | | Library |
| | **310** | 410 | Read/Study Room | 5,379 | | Library |
| | **311** | 410 | Read/Study Room | 488 | | Library |
| | **315** | 410 | Read/Study Room | 564 | | Library |
| | **319** | 410 | Read/Study Room | 1,100 | | Library |
| | **320** | 410 | Read/Study Room | 216 | | Library |
| | **321** | 410 | Read/Study Room | 4,628 | | Library |
| | **321A** | 410 | Read/Study Room | 138 | | Library |
| | **322** | 410 | Read/Study Room | 447 | | Library |
| | **325** | 410 | Read/Study Room | 4,954 | | Library |
| | **326** | 410 | Read/Study Room | 136 | | Library |
| | **327** | 410 | Read/Study Room | 136 | | Library |
| | **328** | 410 | Read/Study Room | 136 | | Library |
| | **329** | 410 | Read/Study Room | 136 | | Library |
| | **330** | 410 | Read/Study Room | 136 | | Library |
| | **331** | 410 | Read/Study Room | 138 | | Library |
| | **430** | 410 | Read/Study Room | 1,971 | | Library |
| | | | **Stack** | | 2,930 | |
| | **213** | 420 | Stack | 1,050 | | Library |
| | **314** | 420 | Stack | 1,880 | | Library |
| | | | **Processing Room** | | 2,130 | |
| | **217** | 440 | Processing Room | 800 | | Library |

| Bldg No. | Rm No. | Rm. Type | Room Name | Sub. ASF | Total ASF | Notes |
|---|---|---|---|---|---|---|
| | **218** | 440 | Processing Room | 480 | | Library |
| | **236** | 440 | Processing Room | 850 | | Library |
| | | | **Study Service** | | 702 | |
| | **221** | 455 | Study Service | 427 | | Library |
| | **222** | 455 | Study Service | 124 | | Library |
| | **233** | 455 | Study Service | 44 | | Library |
| | **313** | 455 | Study Service | 107 | | Library |
| | | | **Audio/Visual, Radio, TV** | | 1,241 | |
| | **127** | 530 | Audio/Visual, Radio, TV | 643 | | Media Services |
| | **151** | 530 | Audio/Visual, Radio, TV | 299 | | Media Services |
| | **152** | 530 | Audio/Visual, Radio, TV | 299 | | Media Services |
| | | | **A/V, Radio, TV Service** | | 3,168 | |
| | **107** | 535 | A/V, Radio, TV Service | 473 | | Media Services |
| | **128** | 535 | A/V, Radio, TV Service | 103 | | Media Services |
| | **129** | 535 | A/V, Radio, TV Service | 120 | | Media Services |
| | **132** | 535 | A/V, Radio, TV Service | 164 | | Media Services |
| | **133** | 535 | A/V, Radio, TV Service | 250 | | Media Services |
| | **134** | 535 | A/V, Radio, TV Service | 328 | | Media Services |
| | **135** | 535 | A/V, Radio, TV Service | 176 | | Media Services |
| | **137** | 535 | A/V, Radio, TV Service | 898 | | Media Services |
| | **143** | 535 | A/V, Radio, TV Service | 159 | | Media Services |
| | **153** | 535 | A/V, Radio, TV Service | 450 | | Media Services |
| | **202** | 535 | A/V, Radio, TV Service | 47 | | Media Services |
| | | | **Lounge** | | 679 | |
| | **423** | 650 | Lounge | 679 | | Library |
| | | | **Lounge Service** | | 66 | |
| | **424** | 655 | Lounge Service | 66 | | Library |
| | | | **Data Processing/Computer** | | 440 | |
| | **230** | 710 | Data Processing/Computer | 120 | | Library |
| | **302** | 710 | Data Processing/Computer | 120 | | Library |
| | **324** | 710 | Data Processing/Computer | 120 | | Library |
| | **434** | 710 | Data Processing/Computer | 80 | | Library |
| **Life Sciences** | | | | | **7,354** | |
| **20** | **Life Science** | | | | **7,246** | |
| | | | **Class Lab** | | 4,991 | |
| | **102** | 210 | Class Lab | 900 | | Biology |
| | **103** | 210 | Class Lab | 1,033 | | Biology |
| | **104** | 210 | Class Lab | 1,033 | | Biology |
| | **105** | 210 | Class Lab | 1,052 | | Biology |
| | **107** | 210 | Class Lab | 973 | | Biology |
| | | | **Class Lab Service** | | 1,270 | |
| | **101K** | 215 | Class Lab Service | 128 | | Biology |
| | **106** | 215 | Class Lab Service | 816 | | Biology |
| | **109** | 215 | Class Lab Service | 180 | | Biology |
| | **110** | 215 | Class Lab Service | 146 | | Biology |
| | | | **Office** | | 749 | |
| | **101A** | 310 | Office | 56 | | Biology |
| | **101B** | 310 | Office | 64 | | Biology |
| | **101D** | 310 | Office | 64 | | Biology |
| | **101E** | 310 | Office | 56 | | Biology |
| | **101F** | 310 | Office | 64 | | Biology |
| | **101G** | 310 | Office | 64 | | Biology |
| | **101H** | 310 | Office | 56 | | Biology |
| | **101J** | 310 | Office | 81 | | Biology |
| | **101L** | 310 | Office | 64 | | Biology |
| | **101M** | 310 | Office | 110 | | Biology |
| | **101P** | 310 | Office | 70 | | Biology |
| | | | **Office Service** | | 53 | |
| | **101** | 315 | Office Service | 20 | | Biology |
| | **101N** | 315 | Office Service | 33 | | Biology |
| | | | **Read/Study Room** | | 183 | |
| | **101C** | 410 | Read/Study Room | 183 | | Biology |

# APPENDIX E

| Bldg No. | Rm No. | Rm. Type | Room Name | Sub. ASF | Total ASF | Notes |
|---|---|---|---|---|---|---|
| **33** | **Greenhouse** | | | | **108** | |
| | | | **Greenhouse** | | 108 | |
| | **1** | 580 | Greenhouse | 108 | | Biology |
| **Mathematics** | | | | | **8,476** | |
| **21** | **MLK High Tech Center** | | | | **4,697** | |
| | | | **Class Lab** | | 4,266 | |
| | **305** | 210 | Class Lab | 1,752 | | Mathematics |
| | **307** | 210 | Class Lab | 1,395 | | Mathematics |
| | **308** | 210 | Class Lab | 1,119 | | Mathematics |
| | | | **Class Lab Service** | | 91 | |
| | **312** | 215 | Class Lab Service | 91 | | Mathematics |
| | | | **Office** | | 340 | |
| | **311** | 310 | Office | 150 | | Mathematics |
| | **313** | 310 | Office | 100 | | Mathematics |
| | **314** | 310 | Office | 90 | | Mathematics |
| **22** | **Physical Science** | | | | **782** | |
| | | | **Office** | | 782 | |
| | **100A** | 310 | Office | 120 | | Mathematics |
| | **101C** | 310 | Office | 60 | | Mathematics |
| | **101D** | 310 | Office | 60 | | Mathematics |
| | **101D** | 310 | Office | 60 | | Mathematics |
| | **101E** | 310 | Office | 60 | | Mathematics |
| | **101F** | 310 | Office | 60 | | Mathematics |
| | **101J** | 310 | Office | 60 | | Mathematics |
| | **101L** | 310 | Office | 60 | | Mathematics |
| | **101M** | 310 | Office | 60 | | Mathematics |
| | **101R** | 310 | Office | 60 | | Mathematics |
| | **201N** | 310 | Office | 61 | | Mathematics |
| | **201P** | 310 | Office | 61 | | Mathematics |
| **37** | **Digital Library** | | | | **2,997** | |
| | | | **Class Lab** | | 2,550 | |
| | **108** | 210 | Class Lab | 1,400 | | Mathematics |
| | **111** | 210 | Class Lab | 1,150 | | Mathematics |
| | | | **Class Lab Service** | | 447 | |
| | **109** | 215 | Class Lab Service | 225 | | Mathematics |
| | **110** | 215 | Class Lab Service | 222 | | Mathematics |
| **Nursing** | | | | | **12,997** | |
| **20** | **Life Science** | | | | **5,109** | |
| | | | **Class Lab** | | 2,792 | |
| | **201B** | 210 | Class Lab | 684 | | Health Occupations, General |
| | **202B** | 210 | Class Lab | 663 | | Nursing |
| | **206** | 210 | Class Lab | 634 | | Nursing |
| | **207** | 210 | Class Lab | 811 | | Nursing |
| | | | **Class Lab Service** | | 614 | |
| | **209** | 215 | Class Lab Service | 614 | | Nursing |
| | | | **Office** | | 1,703 | |
| | **203** | 215 | Class Lab Service | 288 | | Nursing |
| | **203A** | 215 | Class Lab Service | 56 | | Nursing |
| | **203C** | 215 | Class Lab Service | 60 | | Nursing |
| | **203D** | 215 | Class Lab Service | 56 | | Nursing |
| | **203E** | 215 | Class Lab Service | 60 | | Nursing |
| | **203F** | 215 | Class Lab Service | 56 | | Nursing |
| | **203G** | 215 | Class Lab Service | 60 | | Nursing |

| Bldg No. | Rm No. | Rm. Type | Room Name | Sub. ASF | Total ASF | Notes |
|---|---|---|---|---|---|---|
| | 203H | 215 | Class Lab Service | 56 | | Nursing |
| | 203J | 215 | Class Lab Service | 60 | | Nursing |
| | 203K | 215 | Class Lab Service | 60 | | Nursing |
| | 203L | 215 | Class Lab Service | 183 | | Nursing |
| | 203M | 215 | Class Lab Service | 170 | | Nursing |
| | 203N | 215 | Class Lab Service | 130 | | Nursing |
| | 203O | 215 | Class Lab Service | 60 | | Nursing |
| | 203P | 215 | Class Lab Service | 60 | | Nursing |
| | 203R | 215 | Class Lab Service | 60 | | Nursing |
| | 203S | 215 | Class Lab Service | 64 | | Nursing |
| | 203V | 215 | Class Lab Service | 86 | | Nursing |
| | 207A | 215 | Class Lab Service | 78 | | Nursing |
| 21 | MLK High Tech Center | | | | 2,994 | |
| | | | Class Lab | | 2,994 | |
| | 220 | 210 | Class Lab | 1,016 | | Nursing |
| | 221 | 210 | Class Lab | 1,338 | | Nursing |
| | 304 | 210 | Class Lab | 640 | | Nursing |
| 38 | Portable 5 | | | | 757 | |
| | | | Class Lab | | 523 | |
| | 5 | 210 | Class Lab | 523 | | Nursing |
| | | | Office | | 234 | |
| | 5C | 310 | Office | 78 | | Nursing |
| | 5D | 310 | Office | 78 | | Nursing |
| | 5E | 310 | Office | 78 | | Nursing |
| 166 | March Education Center | | | | 4,894 | |
| | | | Classroom | | 2,255 | |
| | 4 | 110 | Classroom | 1,245 | | Nursing |
| | 14 | 110 | Classroom | 1,010 | | Nursing |
| | | | Class Lab | | 1,145 | |
| | 6 | 210 | Class Lab | 700 | | Nursing |
| | 8 | 210 | Class Lab | 445 | | Nursing |
| | | | Office | | 1,011 | |
| | 2 | 310 | Office | 100 | | Nursing |
| | 3 | 310 | Office | 100 | | Nursing |
| | 7 | 310 | Office | 95 | | Nursing |
| | 10A | 310 | Office | 157 | | Nursing |
| | 10B | 310 | Office | 344 | | Nursing |
| | 12 | 310 | Office | 70 | | Nursing |
| | 15 | 310 | Office | 145 | | Nursing |
| | | | Office Service | | 277 | |
| | 10 | 315 | Office Service | 277 | | Nursing |
| | | | Lounge | | 206 | |
| | 5 | 650 | Lounge | 206 | | Nursing |
| Performing Arts, Music, Theater and Dance | | | | | 30,934 | |
| 6 | Technology A | | | | 1,085 | |
| | | | Class Lab | | 895 | |
| | 107 | 210 | Class Lab | 895 | | Dramatic Arts |
| | | | Class Lab Service | | 190 | |
| | 111B | 215 | Class Lab Service | 190 | | Dramatic Arts |
| 12 | Landis Auditorium | | | | 19,897 | |
| | | | Office | | 624 | |
| | 101B | 310 | Office | 64 | | Media Services |
| | 101C | 310 | Office | 64 | | Media Services |
| | 101D | 310 | Office | 64 | | Media Services |
| | 201 | 310 | Office | 432 | | Dramatic Arts |

# APPENDIX E

| Bldg No. | Rm No. | Rm. Type | Room Name | Sub. ASF | Total ASF | Notes |
|---|---|---|---|---|---|---|
| | | | **Audio/Visual, Radio, TV** | | 1,082 | |
| | 101 | 530 | Audio/Visual, Radio, TV | 1,082 | | Media Services |
| | | | **A/V, Radio, TV Service** | | 135 | |
| | 101A | 535 | A/V, Radio, TV Service | 135 | | Media Services |
| | 101E | 535 | A/V, Radio, TV Service | 131 | | Media Services |
| | 101F | 535 | A/V, Radio, TV Service | 272 | | Media Services |
| | 101G | 535 | A/V, Radio, TV Service | 43 | | Media Services |
| | 101H | 535 | A/V, Radio, TV Service | 36 | | Media Services |
| | | | **Assembly** | | 11,515 | |
| | 100 | 610 | Assembly | 11,515 | | Dramatic Arts |
| | | | **Assembly Service** | | 6,541 | |
| | 11 | 615 | Assembly Service | 514 | | Dramatic Arts |
| | 15 | 615 | Assembly Service | 171 | | Dramatic Arts |
| | 17 | 615 | Assembly Service | 514 | | Dramatic Arts |
| | 100A | 615 | Assembly Service | 100 | | Dramatic Arts |
| | 102 | 615 | Assembly Service | 414 | | Dramatic Arts |
| | 103 | 615 | Assembly Service | 1,597 | | Dramatic Arts |
| | 110 | 615 | Assembly Service | 201 | | Dramatic Arts |
| | 114 | 615 | Assembly Service | 60 | | Dramatic Arts |
| | 123 | 615 | Assembly Service | 2,724 | | Dramatic Arts |
| | 208 | 615 | Assembly Service | 31 | | Dramatic Arts |
| | 209 | 615 | Assembly Service | 132 | | Dramatic Arts |
| | 209A | 615 | Assembly Service | 83 | | Dramatic Arts |
| **13** | **Music Building** | | | | **6,139** | |
| | | | **Class Lab** | | 5,020 | |
| | 101 | 210 | Class Lab | 908 | | Music |
| | 102 | 210 | Class Lab | 1,314 | | Music |
| | 104 | 210 | Class Lab | 915 | | Music |
| | 105 | 210 | Class Lab | 1,463 | | Music |
| | 107 | 210 | Class Lab | 105 | | Music |
| | 108 | 210 | Class Lab | 105 | | Music |
| | 109 | 210 | Class Lab | 105 | | Music |
| | 110 | 210 | Class Lab | 105 | | Music |
| | | | **Class Lab Service** | | 150 | |
| | 105A | 215 | Class Lab Service | 150 | | Music |
| | | | **Individual Study Lab** | | 405 | |
| | 103B | 230 | Individual Study Lab | 60 | | Music |
| | 103C | 230 | Individual Study Lab | 56 | | Music |
| | 103D | 230 | Individual Study Lab | 60 | | Music |
| | 103E | 230 | Individual Study Lab | 56 | | Music |
| | 103J | 230 | Individual Study Lab | 84 | | Music |
| | 103K | 230 | Individual Study Lab | 89 | | Music |
| | | | **Office** | | 564 | |
| | 103A | 310 | Office | 340 | | Music |
| | 103F | 310 | Office | 76 | | Music |
| | 103G | 310 | Office | 72 | | Music |
| | 103H | 310 | Office | 76 | | Music |
| **35** | **Music Hall** | | | | **3,813** | |
| | | | **Class Lab** | | 2,721 | |
| | 117 | 210 | Class Lab | 310 | | Music |
| | 118 | | | 2,411 | | Music |
| | | | **Class Lab Service** | | 222 | |
| | 101 | 215 | Class Lab Service | 95 | | Music |
| | 110 | 215 | Class Lab Service | 127 | | Music |
| | | | **Individual Study Lab** | | 537 | |
| | 104 | 230 | Individual Study Lab | 100 | | Music |
| | 108 | 230 | Individual Study Lab | 44 | | Music |
| | 109 | 230 | Individual Study Lab | 43 | | Music |
| | 111 | 230 | Individual Study Lab | 44 | | Music |
| | 112 | 230 | Individual Study Lab | 42 | | Music |
| | 113 | 230 | Individual Study Lab | 44 | | Music |
| | 114 | 230 | Individual Study Lab | 68 | | Music |
| | 115 | 230 | Individual Study Lab | 68 | | Music |
| | 116 | 230 | Individual Study Lab | 84 | | Music |

| Bldg No. | Rm No. | Rm. Type | Room Name | Sub. ASF | Total ASF | Notes |
|---|---|---|---|---|---|---|
| | | | **Office** | | 333 | |
| | 102 | 310 | Office | 106 | | Music |
| | 103 | 310 | Office | 119 | | Music |
| | 107 | 310 | Office | 108 | | Music |
| **Physical Education** | | | | | **59,687** | |
| 2 | **Stadium** | | | | **6,649** | |
| | | | **Office** | | 249 | |
| | 103 | 310 | Office | 249 | | Physical Education |
| | | | **Athletic/Physical Ed** | | 1,962 | |
| | 120 | 520 | Athletic/Physcial Ed | 1,572 | | Physical Education |
| | 201 | 520 | Athletic/Physcial Ed | 390 | | |
| | | | **Athletic/Physical Ed Service** | | 4,438 | |
| | 100 | 525 | Athletic/Physcial Ed Service | 206 | | Physical Education |
| | 100A | 525 | Athletic/Physcial Ed Service | 60 | | Physical Education |
| | 101 | 525 | Athletic/Physcial Ed Service | 896 | | Physical Education |
| | 101A | 525 | Athletic/Physcial Ed Service | 60 | | Physical Education |
| | 102 | 525 | Athletic/Physcial Ed Service | 76 | | Physical Education |
| | 104 | 525 | Athletic/Physcial Ed Service | 407 | | Physical Education |
| | 105 | 525 | Athletic/Physcial Ed Service | 544 | | Physical Education |
| | 106 | 525 | Athletic/Physcial Ed Service | 150 | | Physical Education |
| | 106A | 525 | Athletic/Physcial Ed Service | 239 | | Physical Education |
| | 107 | 525 | Athletic/Physcial Ed Service | 32 | | Physical Education |
| | 109 | 525 | Athletic/Physcial Ed Service | 78 | | Physical Education |
| | 110 | 525 | Athletic/Physcial Ed Service | 930 | | Physical Education |
| | 111 | 525 | Athletic/Physcial Ed Service | 92 | | Physical Education |
| | 111A | 525 | Athletic/Physcial Ed Service | 124 | | Physical Education |
| | 111B | 525 | Athletic/Physcial Ed Service | 89 | | Physical Education |
| | 112 | 525 | Athletic/Physcial Ed Service | 32 | | Physical Education |
| | 113 | 525 | Athletic/Physcial Ed Service | 368 | | Physical Education |
| | 115 | 525 | Athletic/Physcial Ed Service | 55 | | Physical Education |
| 3 | **Wheelock Gym** | | | | **24,690** | |
| | | | **Office** | | 1,787 | |
| | 101 | 310 | Office | 415 | | Physical Education |
| | 104 | 310 | Office | 297 | | Physical Education |
| | 106A | 310 | Office | 75 | | Physical Education |
| | 106B | 310 | Office | 62 | | Physical Education |
| | 201A | 310 | Office | 140 | | Physical Education |
| | 201B | 310 | Office | 120 | | Physical Education |
| | 201C | 310 | Office | 200 | | Physical Education |
| | 201D | 310 | Office | 136 | | Physical Education |
| | 203A | 310 | Office | 89 | | Physical Education |
| | 203B | 310 | Office | 80 | | Physical Education |
| | 203C | 310 | Office | 78 | | Physical Education |
| | 203D | 310 | Office | 95 | | Physical Education |
| | | | **Athletics/Physcial Education** | | 11,995 | |
| | 200 | 520 | Athletics/Physcial Education | 8,685 | | Physical Education |
| | 202 | 520 | Athletics/Physcial Education | 3,050 | | Physical Education |
| | 202A | 520 | Athletics/Physcial Education | 260 | | Physical Education |
| | | | **Athletic Spectator Seat** | | 6,656 | |
| | 309 | 523 | Athletic Spectator Seat | 3,328 | | Physical Education |
| | 310 | 523 | Athletic Spectator Seat | 3,328 | | Physical Education |
| | | | **Athletic/Physical Ed Service** | | 4,252 | |
| | 104A | 525 | Athletic/Physical Ed Service | 136 | | Physical Education |
| | 106 | 525 | Athletic/Physical Ed Service | 213 | | Physical Education |
| | 203E | 525 | Athletic/Physical Ed Service | 153 | | Physical Education |
| | 203F | 525 | Athletic/Physical Ed Service | 106 | | Physical Education |
| | 203G | 525 | Athletic/Physical Ed Service | 127 | | Physical Education |
| | 204 | 525 | Athletic/Physical Ed Service | 1,530 | | Physical Education |
| | 205 | 525 | Athletic/Physical Ed Service | 1,987 | | Physical Education |
| 15 | **Huntley Gym** | | | | **18,112** | |

# APPENDIX E

| Bldg No. | Rm No. | Rm. Type | Room Name | Sub. ASF | Total ASF | Notes |
|---|---|---|---|---|---|---|
| | | | **Office** | | 891 | |
| | **103** | 310 | Office | 145 | | Physical Education |
| | **104** | 310 | Office | 157 | | Physical Education |
| | **105** | 310 | Office | 124 | | Physical Education |
| | **106** | 310 | Office | 465 | | Physical Education |
| | | | **Office Service** | | 9 | |
| | **106B** | 315 | Office Service | 9 | | Physical Education |
| | | | **Athletics/Physical Education** | | 12,097 | |
| | **100** | 520 | Athletics/Physical Education | 7,567 | | Physical Education |
| | **101** | 520 | Athletics/Physical Education | 1,683 | | Physical Education |
| | **102** | 520 | Athletics/Physical Education | 2,847 | | Physical Education |
| | | | **Athletics/Physical Ed Service** | | 5,115 | |
| | **102B** | 525 | Athletics/Physical Ed Service | 42 | | Physical Education |
| | **104B** | 525 | Athletics/Physical Ed Service | 45 | | Physical Education |
| | **107** | 525 | Athletics/Physical Ed Service | 141 | | Physical Education |
| | **108B** | 525 | Athletics/Physical Ed Service | 104 | | Physical Education |
| | **108C** | 525 | Athletics/Physical Ed Service | 153 | | Physical Education |
| | **109** | 525 | Athletics/Physical Ed Service | 107 | | Physical Education |
| | **110** | 525 | Athletics/Physical Ed Service | 40 | | Physical Education |
| | **112** | 525 | Athletics/Physical Ed Service | 68 | | Physical Education |
| | **113** | 525 | Athletics/Physical Ed Service | 66 | | Physical Education |
| | **114** | 525 | Athletics/Physical Ed Service | 300 | | Physical Education |
| | **115** | 525 | Athletics/Physical Ed Service | 117 | | Physical Education |
| | **116** | 525 | Athletics/Physical Ed Service | 245 | | Physical Education |
| | **117** | 525 | Athletics/Physical Ed Service | 124 | | Physical Education |
| | **118** | 525 | Athletics/Physical Ed Service | 120 | | Physical Education |
| | **120** | 525 | Athletics/Physical Ed Service | 2,030 | | Physical Education |
| | **121** | 525 | Athletics/Physical Ed Service | 1,065 | | Physical Education |
| | **121B** | 525 | Athletics/Physical Ed Service | 112 | | Physical Education |
| | **125** | 525 | Athletics/Physical Ed Service | 236 | | Physical Education |
| **19** | **Cutter Pool** | | | | **3,288** | |
| | | | **Office** | | 346 | |
| | **17** | 310 | Office | 82 | | |
| | **26** | 310 | Office | 264 | | |
| | | | **Athletics/Physical Education** | | 466 | |
| | **32** | 520 | Athletics/Physical Education | 466 | | |
| | | | **Athletic/Physical Ed Service** | | 2,149 | |
| | **11** | 525 | Athletic/Physcial Ed Service | 106 | | |
| | **16** | 525 | Athletic/Physcial Ed Service | 179 | | |
| | **22** | 525 | Athletic/Physcial Ed Service | 73 | | |
| | **25** | 525 | Athletic/Physcial Ed Service | 746 | | |
| | **29** | 525 | Athletic/Physcial Ed Service | 950 | | |
| | **32A** | 525 | Athletic/Physcial Ed Service | 95 | | |
| | | | **Lounge** | | 327 | |
| | **28** | 650 | Lounge | 327 | | |
| **27** | **Athletics Center** | | | | **789** | |
| | | | **Office** | | 314 | |
| | **101** | 310 | Office | 195 | | Physical Education |
| | **102** | 310 | Office | 119 | | Physical Education |
| | | | **Office Service** | | 475 | |
| | **100** | 315 | Office | 475 | | Physical Education |
| **29** | **Portable 3** | | | | **1,092** | |
| | | | **Athletics/Physical Education** | | 902 | |
| | **100** | 520 | Athletics/Physical Education | 902 | | Physical Education |
| | | | **Athletic/Physical Ed Service** | | 190 | |
| | **100A** | 525 | Athletic/Physical Ed Service | 95 | | Physical Education |
| | **100B** | 525 | Athletic/Physical Ed Service | 95 | | Physical Education |
| **36** | **Pilates** | | | | **2,751** | |
| | | | **Office** | | 120 | |

| Bldg No. | Rm No. | Rm. Type | Room Name | Sub. ASF | Total ASF | Notes |
|---|---|---|---|---|---|---|
| | **106** | 310 | Office | 120 | | Physical Education |
| | | | **Athletics/Physical Education** | | 1,854 | |
| | **102** | 520 | Athletics/Physical Education | 927 | | Physical Education |
| | **103** | 520 | Athletics/Physical Education | 927 | | Physical Education |
| | | | **Athletic/Physical Ed Service** | | 777 | |
| | **104** | 525 | Athletic/Physical Ed Service | 66 | | Physical Education |
| | **107** | 525 | Athletic/Physical Ed Service | 98 | | Physical Education |
| | **109** | 525 | Athletic/Physical Ed Service | 101 | | Physical Education |
| | **110** | 525 | Athletic/Physical Ed Service | 127 | | Physical Education |
| | **111** | 525 | Athletic/Physical Ed Service | 198 | | Physical Education |
| | **113** | 525 | Athletic/Physical Ed Service | 187 | | Physical Education |
| **48** | **Parking Structure** | | | | **373** | |
| | | | **Office** | | 198 | |
| | **511** | 310 | Office | 198 | | Physical Education |
| | | | **Athletic/Physical Ed Service** | | 175 | |
| | **550** | 525 | Athletic/Physical Ed Service | 175 | | Physical Education |
| **161** | **Evans Sports Complex A** | | | | **553** | |
| | | | **Athletics/Physical Education** | | 200 | |
| | **A200** | 520 | Athletics/Physical Education | 200 | | Physical Education |
| | | | **Athletic/Physical Ed Service** | | 353 | |
| | **A100** | 525 | Athletic/Physical Ed Service | 105 | | Physical Education |
| | **A101** | 525 | Athletic/Physical Ed Service | 230 | | Physical Education |
| | **A201** | 525 | Athletic/Physical Ed Service | 18 | | Physical Education |
| **162** | **Evans Sports Complex B** | | | | **424** | |
| | | | **Athletics/Physical Education** | | 275 | |
| | **B102** | 520 | Athletics/Physical Education | 137 | | Physical Education |
| | **B200** | 520 | Athletics/Physical Education | 138 | | Physical Education |
| | | | **Athletic/Physical Ed Service** | | 149 | |
| | **B100** | 525 | Athletic/Physical Ed Service | 98 | | Physical Education |
| | **B101** | 525 | Athletic/Physical Ed Service | 34 | | Physical Education |
| | **B201** | 525 | Athletic/Physical Ed Service | 17 | | Physical Education |
| **163** | **Evans Sports Complex C** | | | | **424** | |
| | | | **Athletics/Physical Education** | | 275 | |
| | **C102** | 520 | Athletics/Physical Education | 137 | | Physical Education |
| | **C200** | 520 | Athletics/Physical Education | 138 | | Physical Education |
| | | | **Athletic/Physical Ed Service** | | 149 | |
| | **C100** | 525 | Athletic/Physical Ed Service | 98 | | Physical Education |
| | **C101** | 525 | Athletic/Physical Ed Service | 34 | | Physical Education |
| | **C201** | 525 | Athletic/Physical Ed Service | 17 | | Physical Education |
| **163** | **Evans Sports Complex D** | | | | **542** | |
| | | | **Shop Service** | | 542 | |
| | **D100** | 725 | Shop Service | 467 | | Physical Education |
| | **D101** | 725 | Shop Service | 75 | | Physical Education |
| **Physical Science** | | | | | **8,668** | |
| **22** | **Physical Science** | | | | **7,397** | |
| | | | **Office** | | 516 | |
| | **101** | 310 | Office | 90 | | Physical Sciences, General |
| | **101G** | 310 | Office | 60 | | Physics, General |
| | **101H** | 310 | Office | 60 | | Physics, General |
| | **101K** | 310 | Office | 60 | | Geology |
| | **101N** | 310 | Office | 60 | | Physics, General |
| | **101P** | 310 | Office | 60 | | Geology |
| | **201A** | 310 | Office | 63 | | Physical Sciences, General |

# APPENDIX E

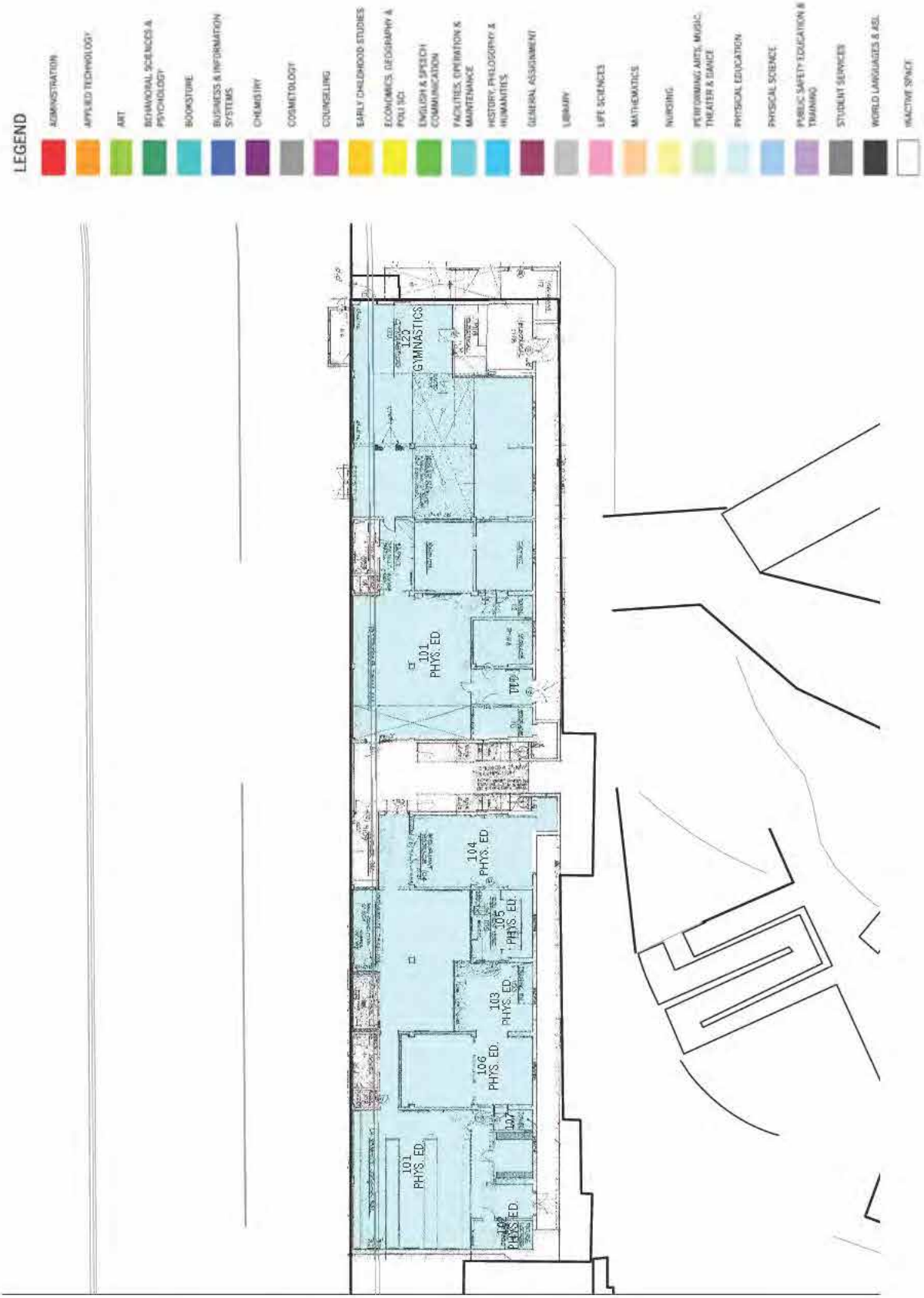
| Bldg No. | Rm No. | Rm. Type | Room Name | Sub. ASF | Total ASF | Notes |
|---|---|---|---|---|---|---|
| | 201M | 310 | Office | 63 | | Geography |
| | | | **Class Lab** | | 3,442 | |
| | 104 | 210 | Class Lab | 1,325 | | Physical Sciences, General |
| | 107 | 210 | Class Lab | 1,002 | | Physical Sciences, General |
| | 208 | 210 | Class Lab | 1,115 | | Physical Sciences, General |
| | | | **Class Lab Service** | | 3,039 | |
| | 105 | 215 | Class Lab Service | 620 | | Physical Sciences, General |
| | 105A | 215 | Class Lab Service | 156 | | Physical Sciences, General |
| | 108 | 215 | Class Lab Service | 1,018 | | Physical Sciences, General |
| | 110 | 215 | Class Lab Service | 1,056 | | Physical Sciences, General |
| | 111 | 215 | Class Lab Service | 189 | | Physical Sciences, General |
| | | | **Special Class Lab** | | 156 | |
| | 105B | 220 | Special Class Lab | 156 | | Physical Sciences, General |
| | | | **Meeting Room** | | 244 | |
| | 101B | 680 | Meeting Room | 244 | | Physical Sciences, General |
| **23** | **Planetarium** | | | | **1,271** | |
| | | | **Class Lab** | | 791 | |
| | 123 | 210 | Class Lab | 791 | | Physical Sciences, General |
| | | | **Office** | | 90 | |
| | 122 | 310 | Office | 90 | | Physical Sciences, General |
| | | | **Exhibition** | | 261 | |
| | 120 | 620 | Exhibition | 261 | | Physical Sciences, General |
| | | | **Exhibition Service** | | 129 | |
| | 125 | 625 | Exhibition Service | 129 | | Physical Sciences, General |
| **Student Services** | | | | | **23,126** | |
| **10** | **Admissions Counsel** | | | | **4,183** | |
| | | | **Office** | | 3,559 | |
| | 101 | 310 | Office | 926 | | Registrations, Transfers, Transcripts, Certifications |
| | 106 | 310 | Office | 106 | | Registrations, Transfers, Transcripts, Certifications |
| | 107 | 310 | Office | 63 | | Counseling Services |
| | 111A | 310 | Office | 58 | | Registrations, Transfers, Transcripts, Certifications |
| | 114 | 310 | Office | 359 | | Admissions Activities |
| | 115 | 310 | Office | 119 | | Counseling Services |
| | 116 | 310 | Office | 120 | | Counseling Services |
| | 117 | 310 | Office | 120 | | Counseling Services |
| | 118 | 310 | Office | 106 | | Counseling Services |
| | 119 | 310 | Office | 100 | | Counseling Services |
| | 120 | 310 | Office | 100 | | Counseling Services |
| | 121 | 310 | Office | 119 | | Counseling Services |
| | 122 | 310 | Office | 104 | | Counseling Services |
| | 123 | 310 | Office | 88 | | Counseling Services |
| | 124 | 310 | Office | 84 | | Counseling Services |
| | 125 | 310 | Office | 76 | | Counseling Services |
| | 126 | 310 | Office | 80 | | Counseling Services |
| | 127 | 310 | Office | 110 | | Counseling Services |
| | 130 | 310 | Office | 110 | | Counseling Services |
| | 134 | 310 | Office | 224 | | Registrations, Transfers, Transcripts, Certifications |
| | 138 | 310 | Office | 156 | | Registrations, Transfers, Transcripts, Certifications |
| | 139 | 310 | Office | 231 | | Registrations, Transfers, Transcripts, Certifications |
| | | | **Office Service** | | 224 | |
| | 133 | 315 | Office Service | 49 | | Counseling Services |
| | 134 | 315 | Office Service | 143 | | Admissions Activities |
| | 141 | 315 | Office Service | 32 | | Registrations, Transfers, Transcripts, Certifications |
| | | | **Other** | | 400 | |
| | 111 | 590 | Other | 400 | | Registrations, Transfers, Transcripts, Certifications |
| **11** | **Data Processing** | | | | **1,497** | |
| | | | **Office** | | 1,177 | |
| | 100 | 310 | Office | 352 | | Financial Aid |
| | 101 | 310 | Office | 675 | | Financial Aid |

| Bldg No. | Rm No. | Rm. Type | Room Name | Sub. ASF | Total ASF | Notes |
|---|---|---|---|---|---|---|
| | **102** | 310 | Office | 150 | | Financial Aid |
| | | | **Storage** | | 320 | |
| | **103** | 730 | Storage | 320 | | Financial Aid |
| **17** | **Administration** | | | | **2,797** | |
| | | | **Office** | | 1,936 | |
| | **121** | 310 | Office | 1,800 | | DSPS |
| | **127A** | 310 | Office | 68 | | DSPS |
| | **127B** | 310 | Office | 68 | | DSPS |
| | | | **Other** | | 861 | |
| | **127** | 590 | Other | 369 | | DSPS |
| | **128** | 590 | Other | 492 | | DSPS |
| **21** | **MLK High Tech Center** | | | | **96** | |
| | | | **Office** | | 96 | |
| | **212** | 310 | Office | 96 | | Counseling Services |
| **24** | **Student Center** | | | | **11,534** | |
| | | | **Office** | | 1,030 | |
| | **105A** | 310 | Office | 68 | | Food Services |
| | **108** | 310 | Office | 200 | | Food Services |
| | **108A** | 310 | Office | 116 | | Food Services |
| | **131** | 310 | Office | 90 | | Foreign Student Services |
| | **132** | 310 | Office | 81 | | Extended Opportunity Programs and Services |
| | **133** | 310 | Office | 85 | | Extended Opportunity Programs and Services |
| | **134** | 310 | Office | 130 | | Health Services |
| | **135** | 310 | Office | 128 | | Extended Opportunity Programs and Services |
| | **136** | 310 | Office | 132 | | Extended Opportunity Programs and Services |
| | | | **Food Facilities** | | 5,865 | |
| | **101** | 630 | Food Facilities | 4,922 | | Food Services |
| | **110** | 630 | Food Facilities | 943 | | Food Services |
| | | | **Food Facilities Service** | | 4,274 | |
| | **102** | 635 | Food Facilities Service | 45 | | Food Services |
| | **103** | 635 | Food Facilities Service | 1,478 | | Food Services |
| | **104** | 635 | Food Facilities Service | 1,216 | | Food Services |
| | **105D** | 635 | Food Facilities Service | 116 | | Food Services |
| | **106** | 635 | Food Facilities Service | 531 | | Food Services |
| | **107** | 635 | Food Facilities Service | 492 | | Food Services |
| | **109** | 635 | Food Facilities Service | 396 | | Veteran Services |
| | | | **Locker Room** | | 66 | |
| | **105B** | 690 | Locker Room | 66 | | Food Services |
| | | | **Patient Bath** | | 42 | |
| | **142** | 820 | Patient Bath | 42 | | Health Services |
| | | | **Treatment** | | 202 | |
| | **139** | 850 | Treatment | 107 | | Health Services |
| | **140** | 850 | Treatment | 95 | | Health Services |
| | | | **Health Care Service** | | 55 | |
| | **141** | 895 | Health Care Service | 55 | | Health Services |
| **34** | **Assessment/Placement** | | | | **1,444** | |
| | | | **Office** | | 94 | |
| | **1A** | 310 | Office | 94 | | Placement Services |
| | **1B** | 310 | Office | 98 | | Placement Services |
| | | | **Other** | | 1,350 | |
| | **1** | 590 | Other | 1,100 | | Placement Services |
| | **1C** | 590 | Other | 250 | | Placement Services |
| **40** | **Student Financial Services** | | | | **423** | |
| | | | **Office** | | 423 | |
| | **101** | 310 | Office | 255 | | Financial Aid |
| | **101A** | 310 | Office | 84 | | Financial Aid |
| | **101B** | 310 | Office | 84 | | Financial Aid |

# APPENDIX E

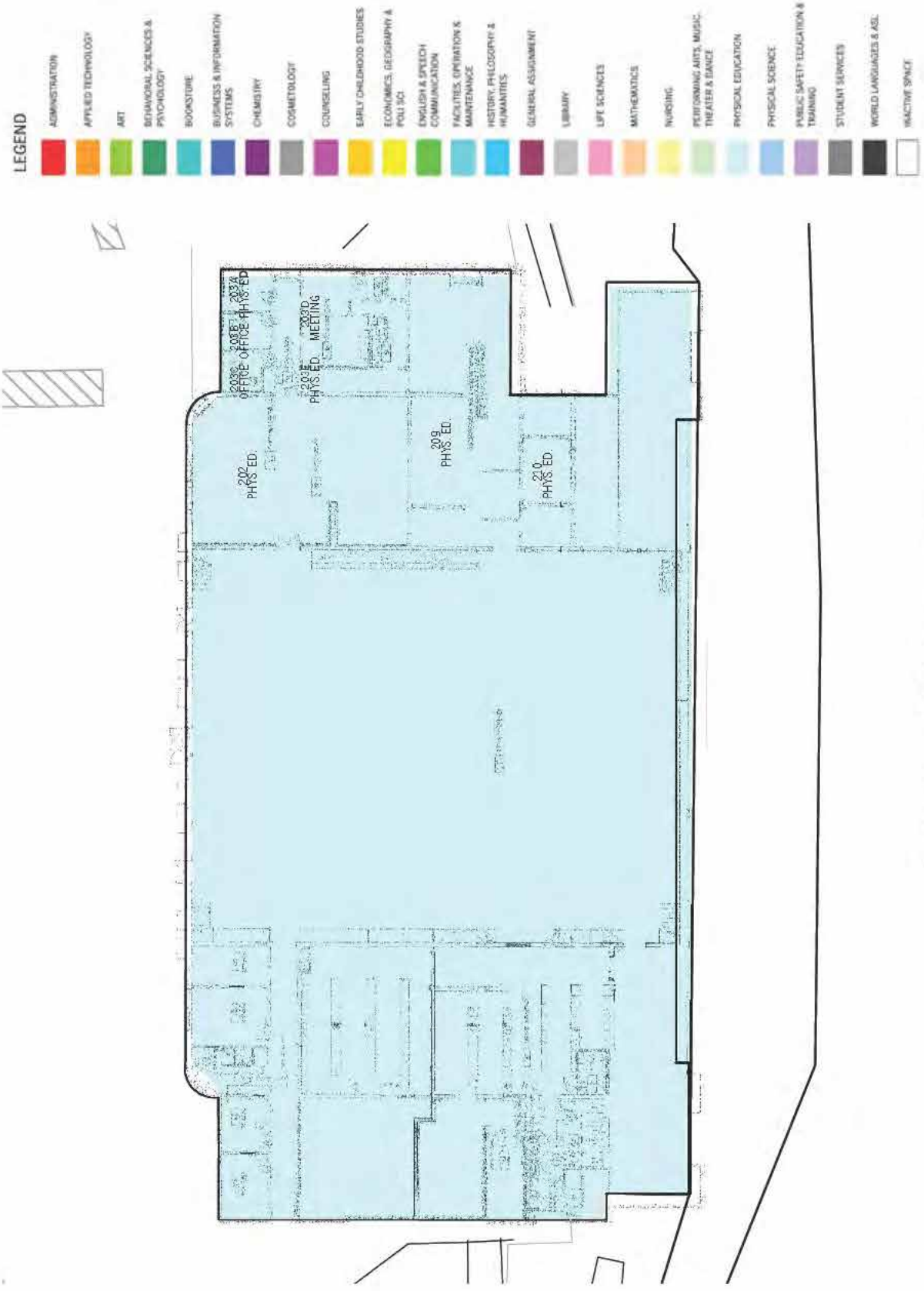
| Bldg No. | Rm No. | Rm. Type | Room Name | Sub. ASF | Total ASF | Notes |
|---|---|---|---|---|---|---|
| 42 | Student Government Center | | | | 1,152 | |
| | | | Office | | 387 | |
| | A0 | 310 | Office | 150 | | Students and Co-curricular Activities |
| | B0 | 310 | Office | 82 | | Students and Co-curricular Activities |
| | C0 | 310 | Office | 84 | | Students and Co-curricular Activities |
| | D0 | 310 | Office | 71 | | Students and Co-curricular Activities |
| | | | Office Service | | 438 | |
| | F0 | 315 | Office Service | 438 | | Students and Co-curricular Activities |
| | | | Meeting Room | | 327 | |
| | E0 | 680 | Meeting Room | 327 | | Students and Co-curricular Activities |
| World Languages and ASL | | | | | | |

# APPENDIX F




02 STADIUM

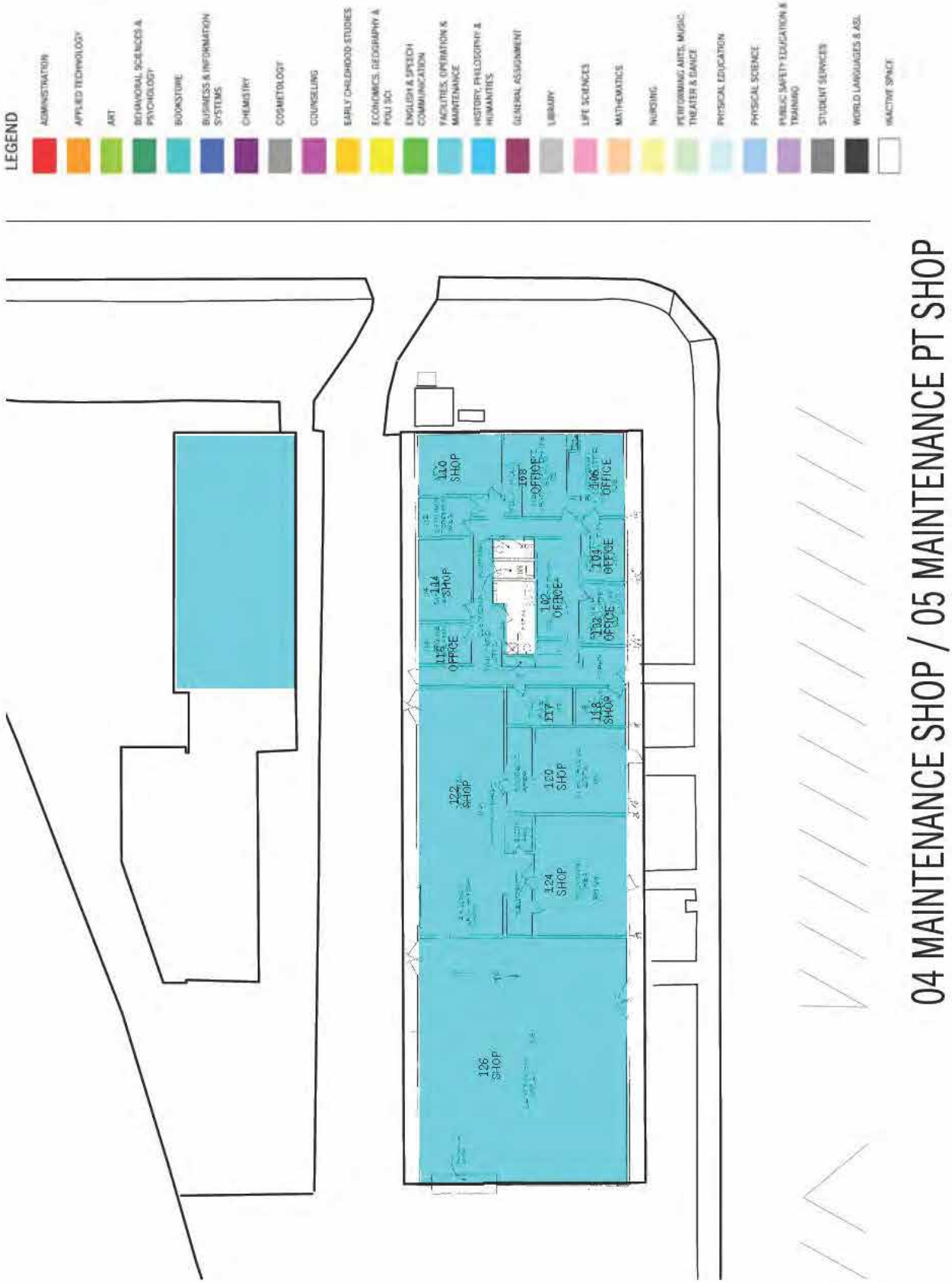
# APPENDIX F




03 WHEELOCK GYM FIRST FLOOR

# 03 WHEELOCK GYM SECOND FLOOR

# APPENDIX F

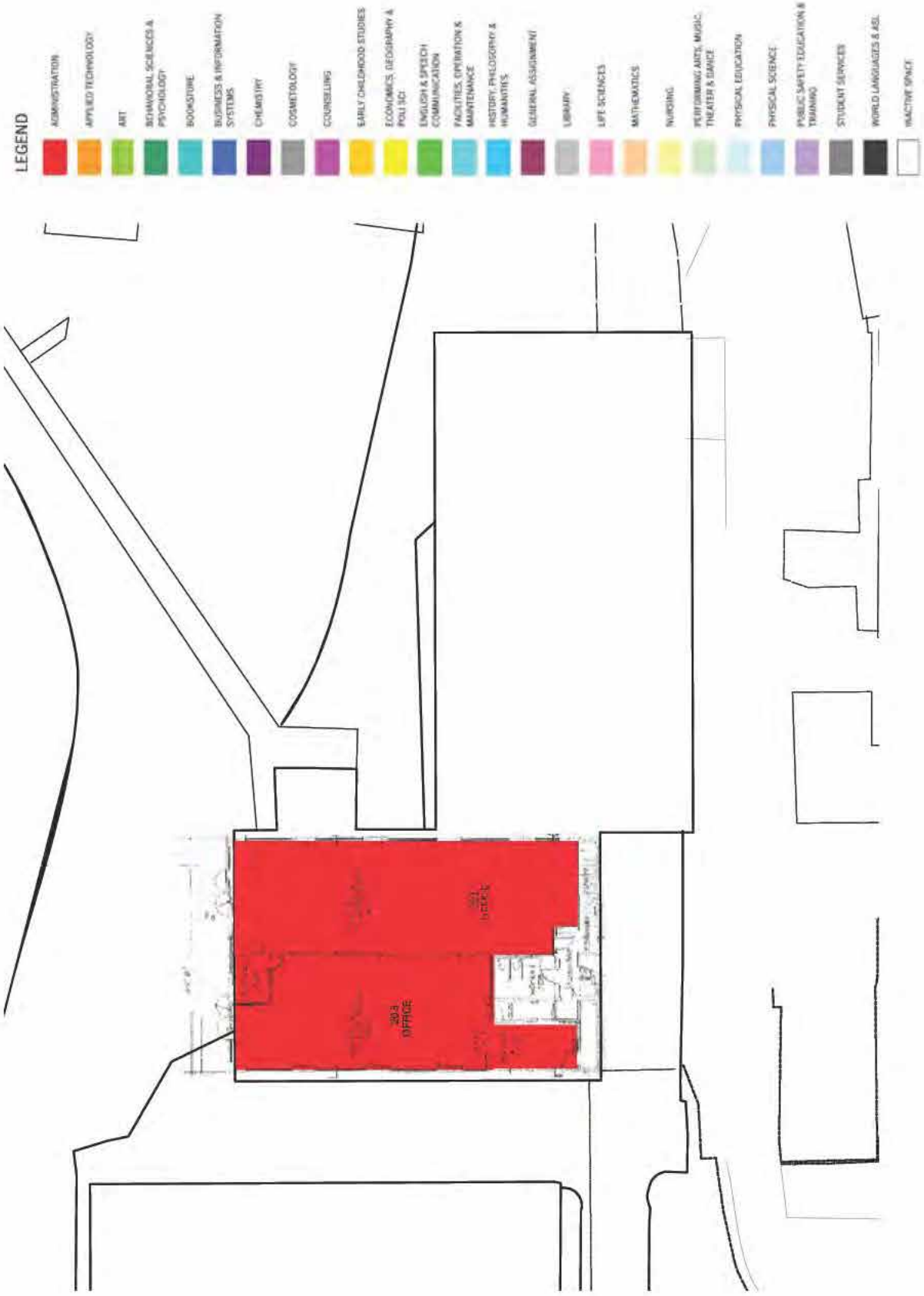



## 04 MAINTENANCE SHOP / 05 MAINTENANCE PT SHOP


06 TECHNOLOGY A

# APPENDIX F


## 07 TECHNOLOGY B FIRST FLOOR



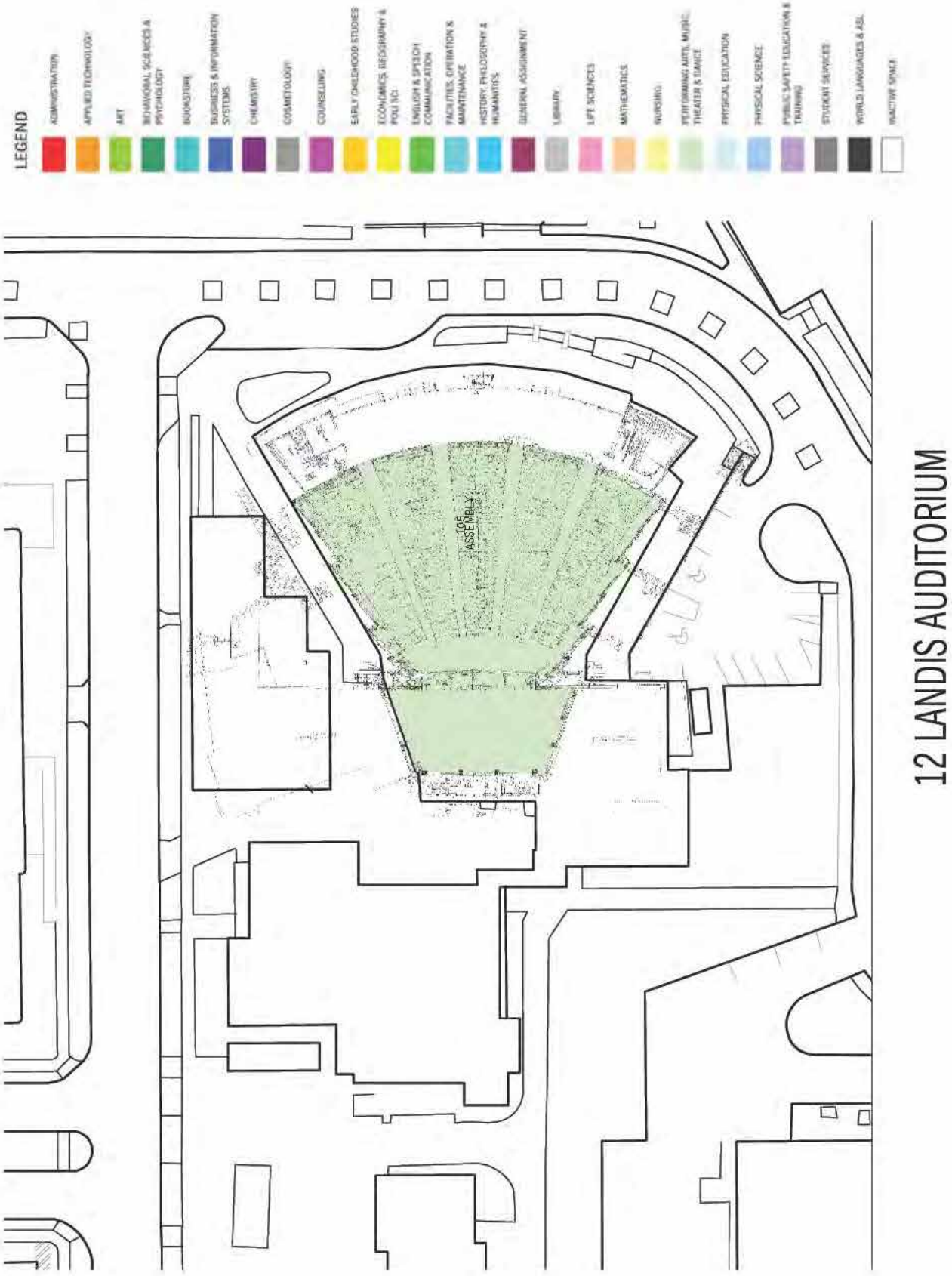

07 TECHNOLOGY B SECOND FLOOR

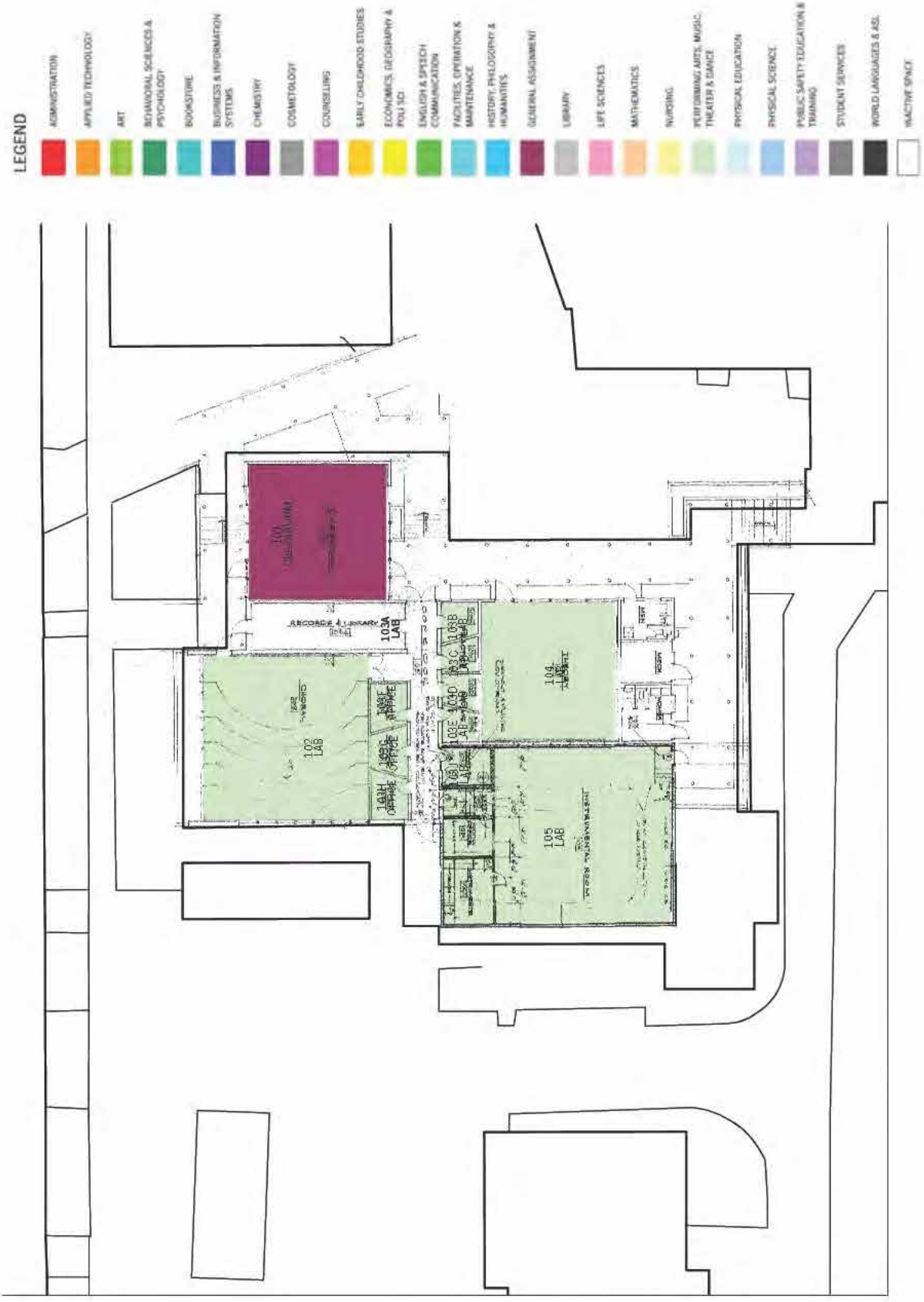
# APPENDIX F


10 ADMISSIONS/COUNSEL, 11 DATA PROCESSING

# 12 LANDIS AUDITORIUM BASEMENT

# APPENDIX F


LEGEND
ADMINISTRATION
APPLIED TECHNOLOGY
ART
BEHAVIORAL SCIENCES & PSYCHOLOGY
BOOKSTORE
BUSINESS & INFORMATION SYSTEMS
CHEMISTRY
COSMETOLOGY
COUNSELING
EARLY CHILDHOOD STUDIES
ECONOMICS, GEOGRAPHY & POLI SCI
ENGLISH & SPEECH COMMUNICATION
FACILITIES, OPERATION & MAINTENANCE
HISTORY, PHILOSOPHY & HUMANITIES
GENERAL ASSIGNMENT
LIBRARY
LIFE SCIENCES
MATHEMATICS
NURSING
PERFORMING ARTS, MUSIC, THEATER & DANCE
PHYSICAL EDUCATION
PHYSICAL SCIENCE
PUBLIC SAFETY EDUCATION & TRAINING
STUDENT SERVICES
WORLD LANGUAGES & ASL
INACTIVE SPACE
106
ASSEMBLY
12 LANDIS AUDITORIUM



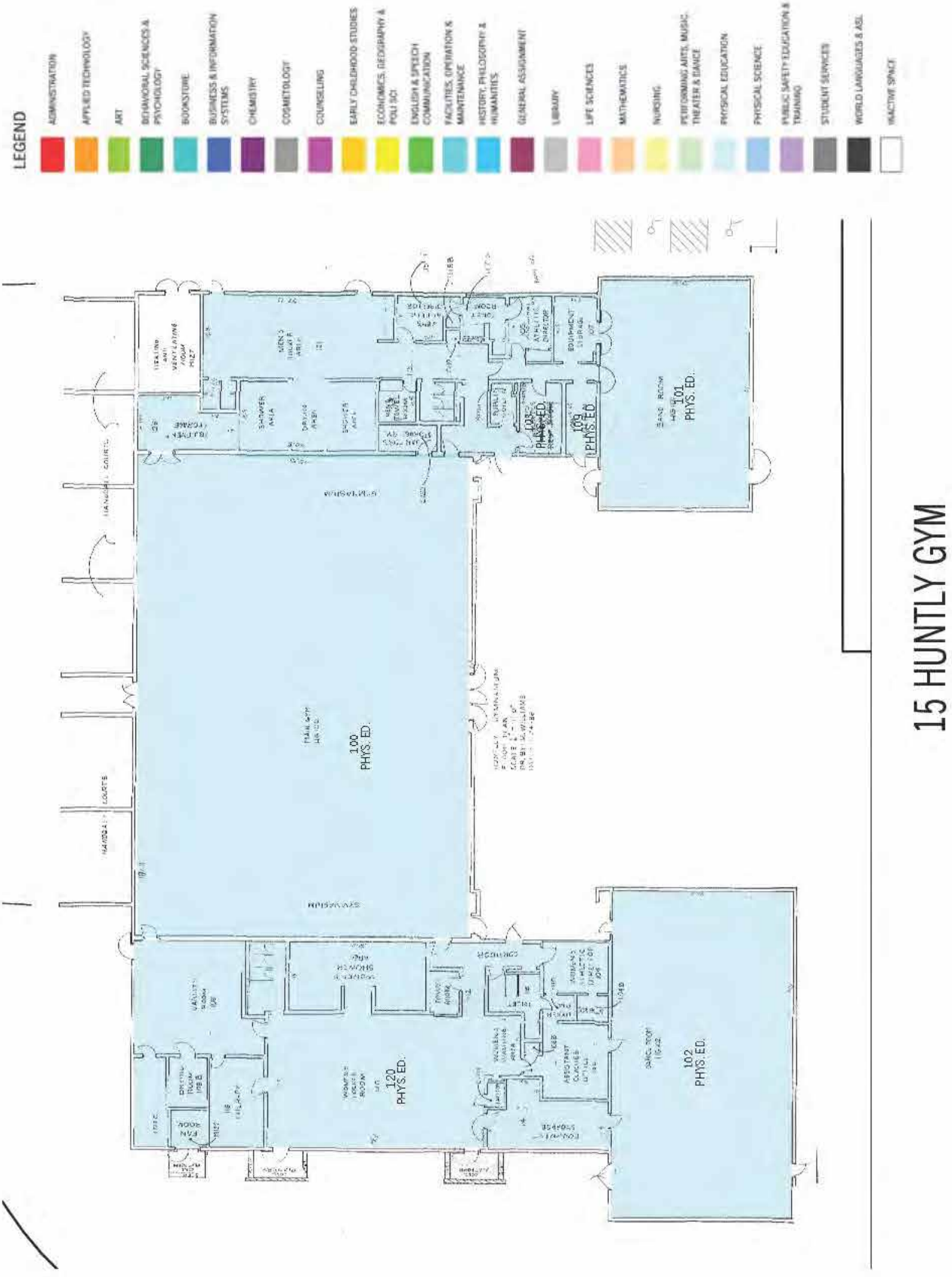

# 13 MUSIC BUILDING

# APPENDIX F


14 ART BUILDING FIRST FLOOR


## 14 ART BUILDING SECOND FLOOR

# APPENDIX F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STUDENT SERVICES
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102 PHYS. ED.
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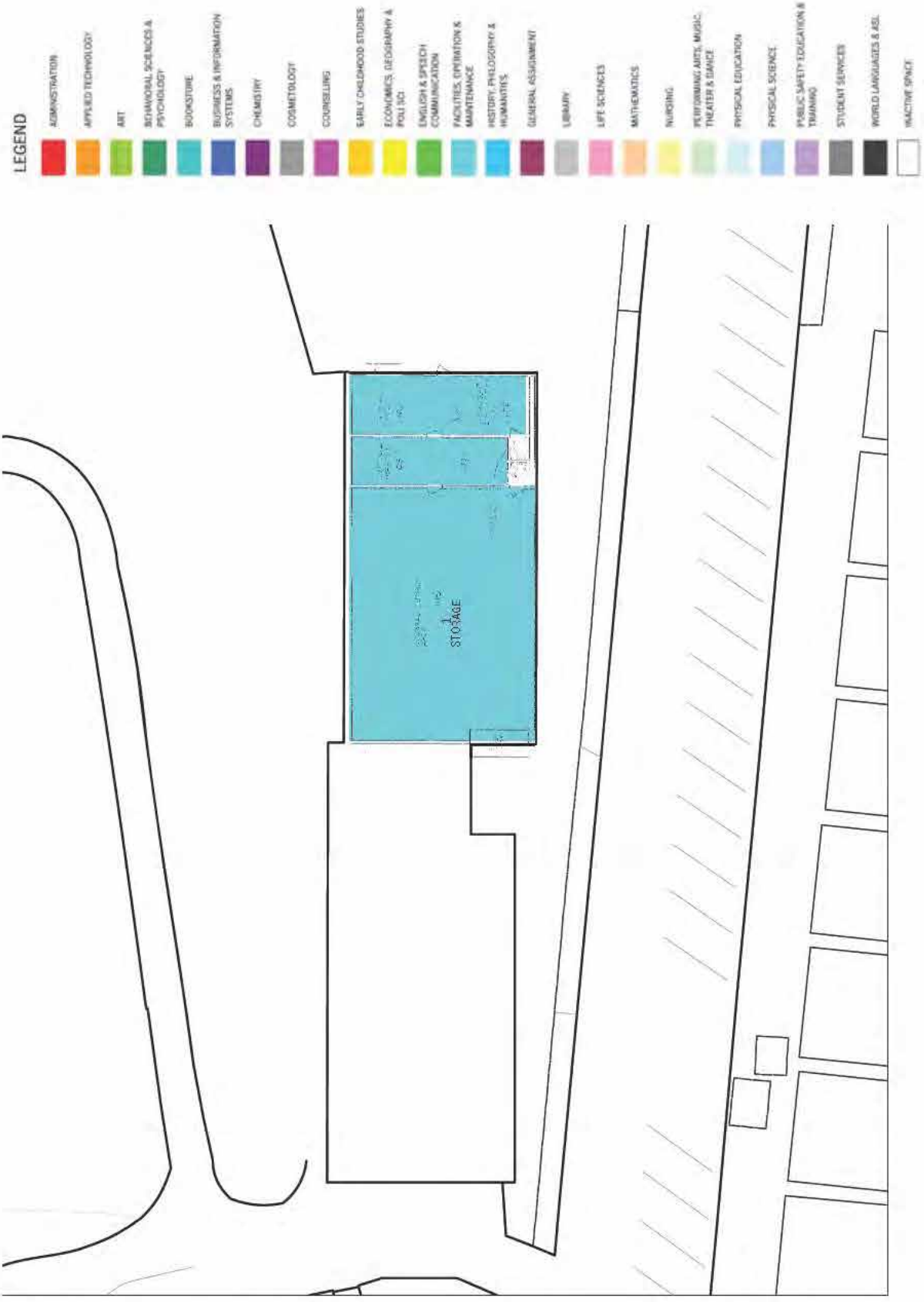
120 PHYS. ED.
15 HUNTLY GYM




16 MAIN WAREHOUSE

# APPENDIX F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124 LAB
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126 LAB
127 LAB
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127 OFFICE
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107 SERVICE
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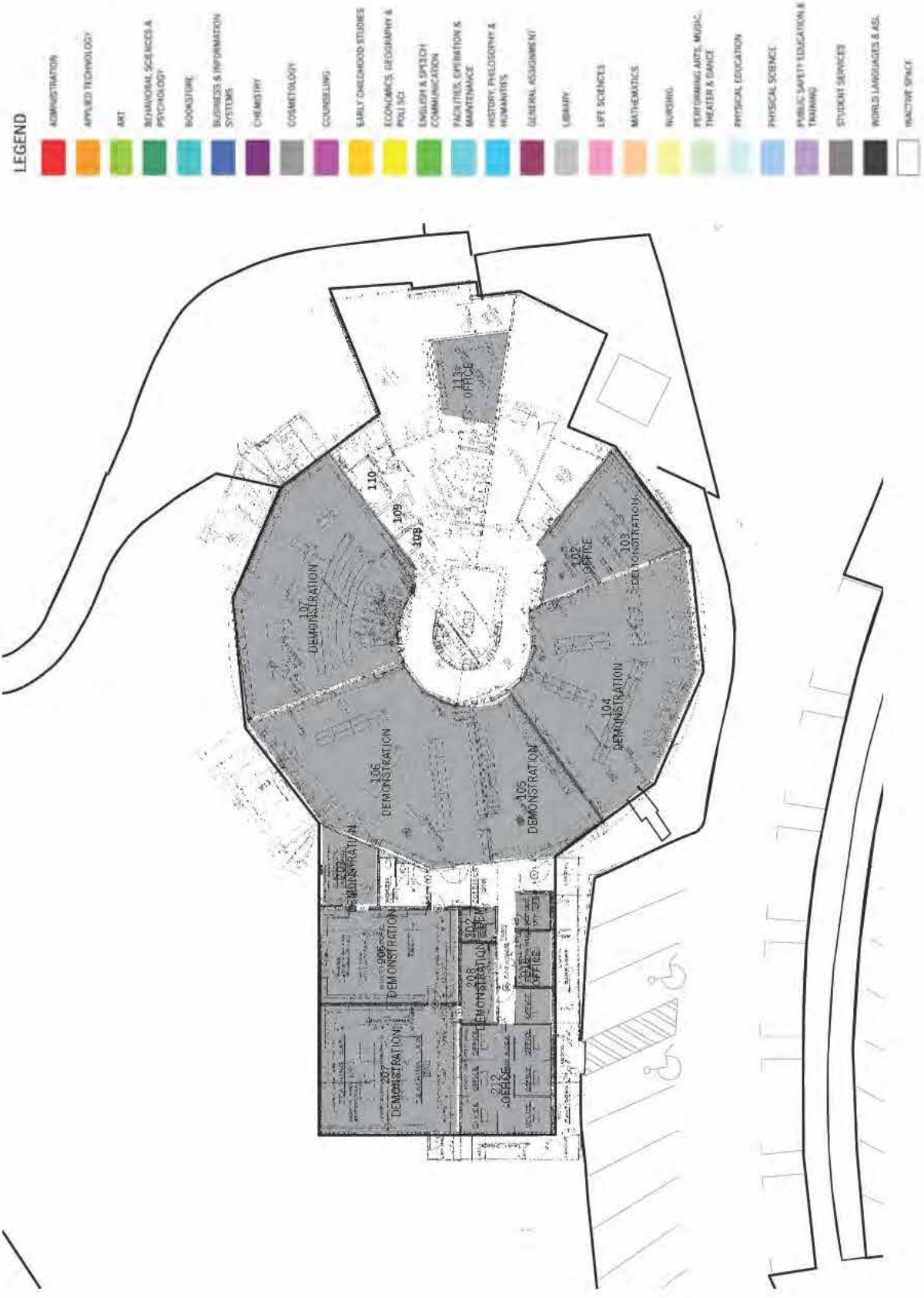
111 OFFICE
110 SERVICE
110 MAIL
108 OFFICE
106 OFFICE
17 ADMINISTRATION




# 18 COSMETOLOGY

# APPENDIX F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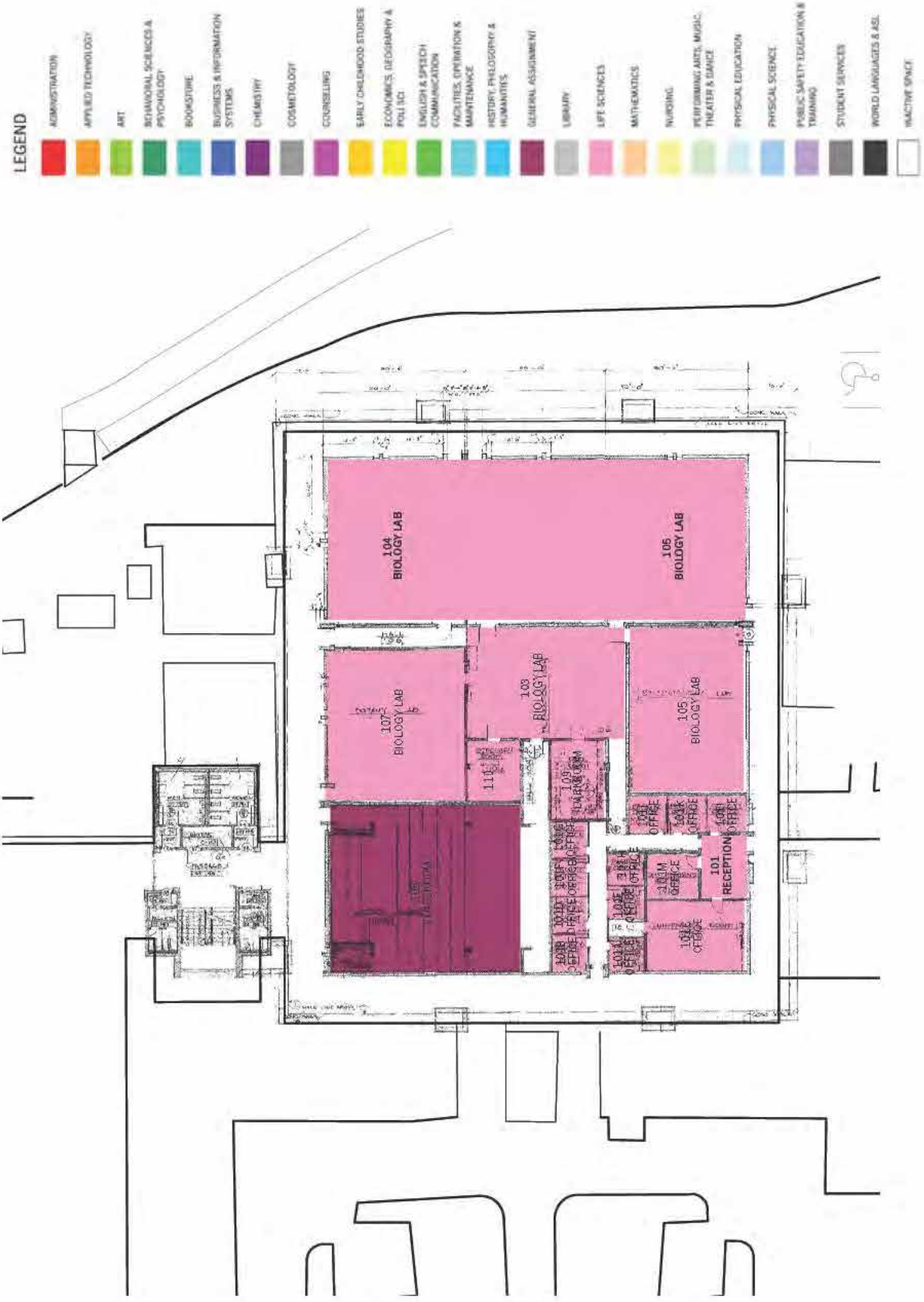
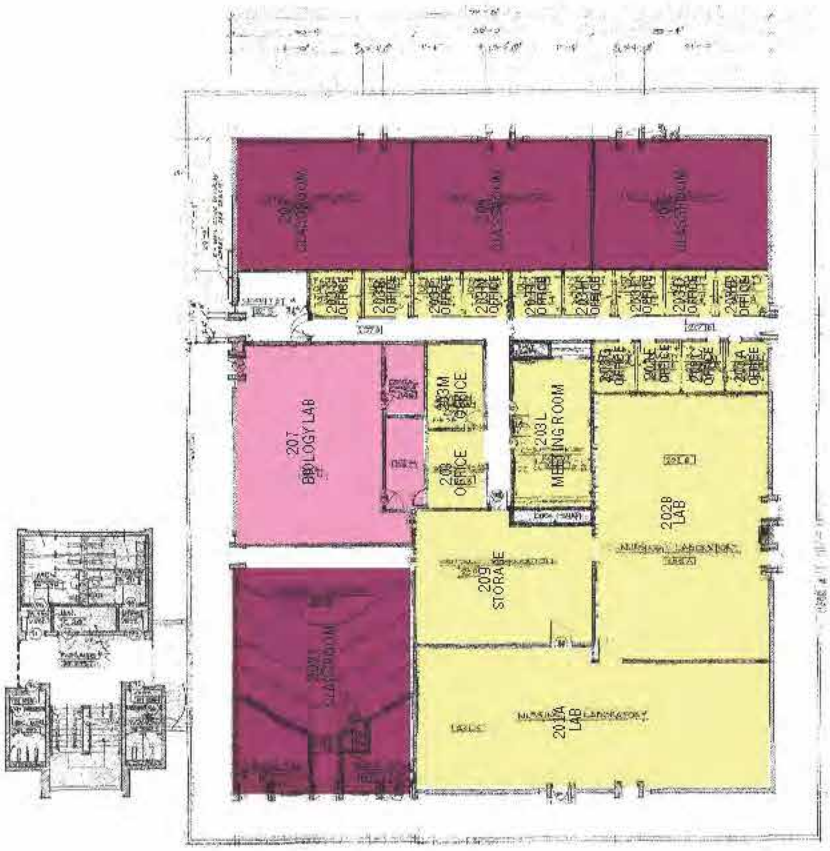
19 CUTTER POOL




20 LIFE SCIENCE FIRST FLOOR

# APPENDIX F


## 20 LIFE SCIENCE SECOND FLOOR

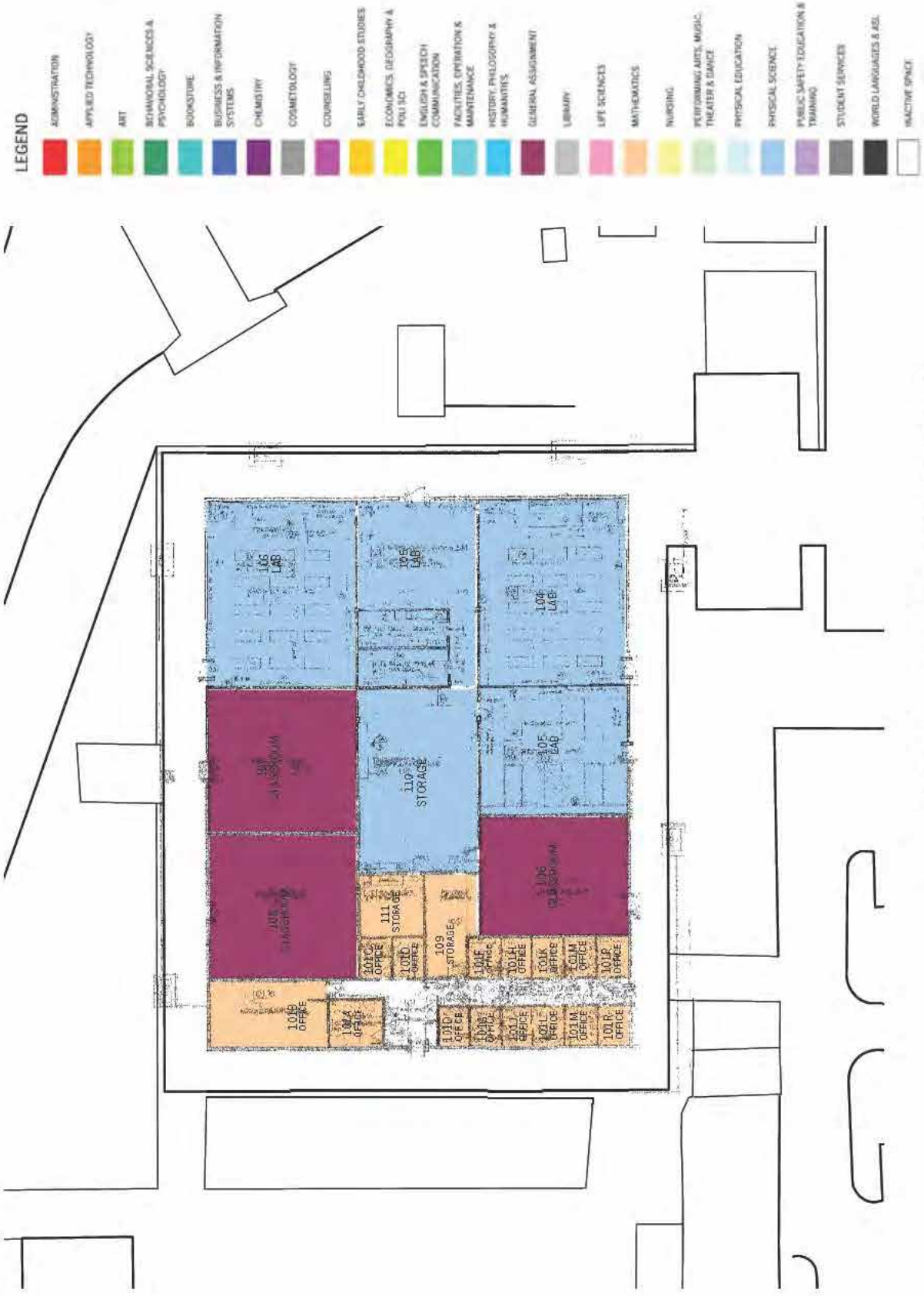

21 MLK HIGH TECH CENTER FIRST FLOOR

# APPENDIX F


21 MLK HIGH TECH CENTER SECOND FLOOR

# 21 MLK HIGH TECH CENTER THIRD FLOOR

# APPENDIX F

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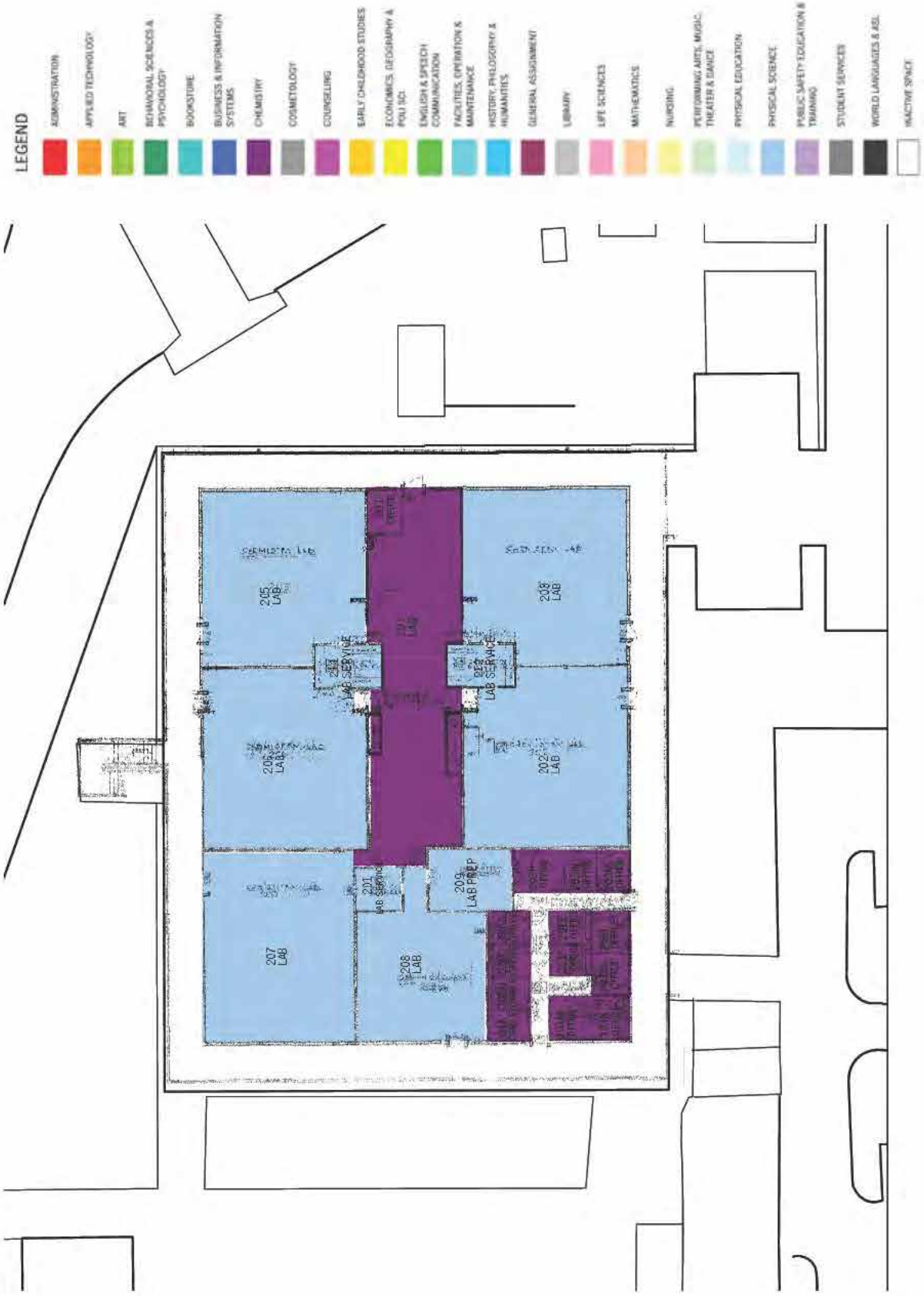


22 PHYSICAL SCIENCE SECOND FLOOR

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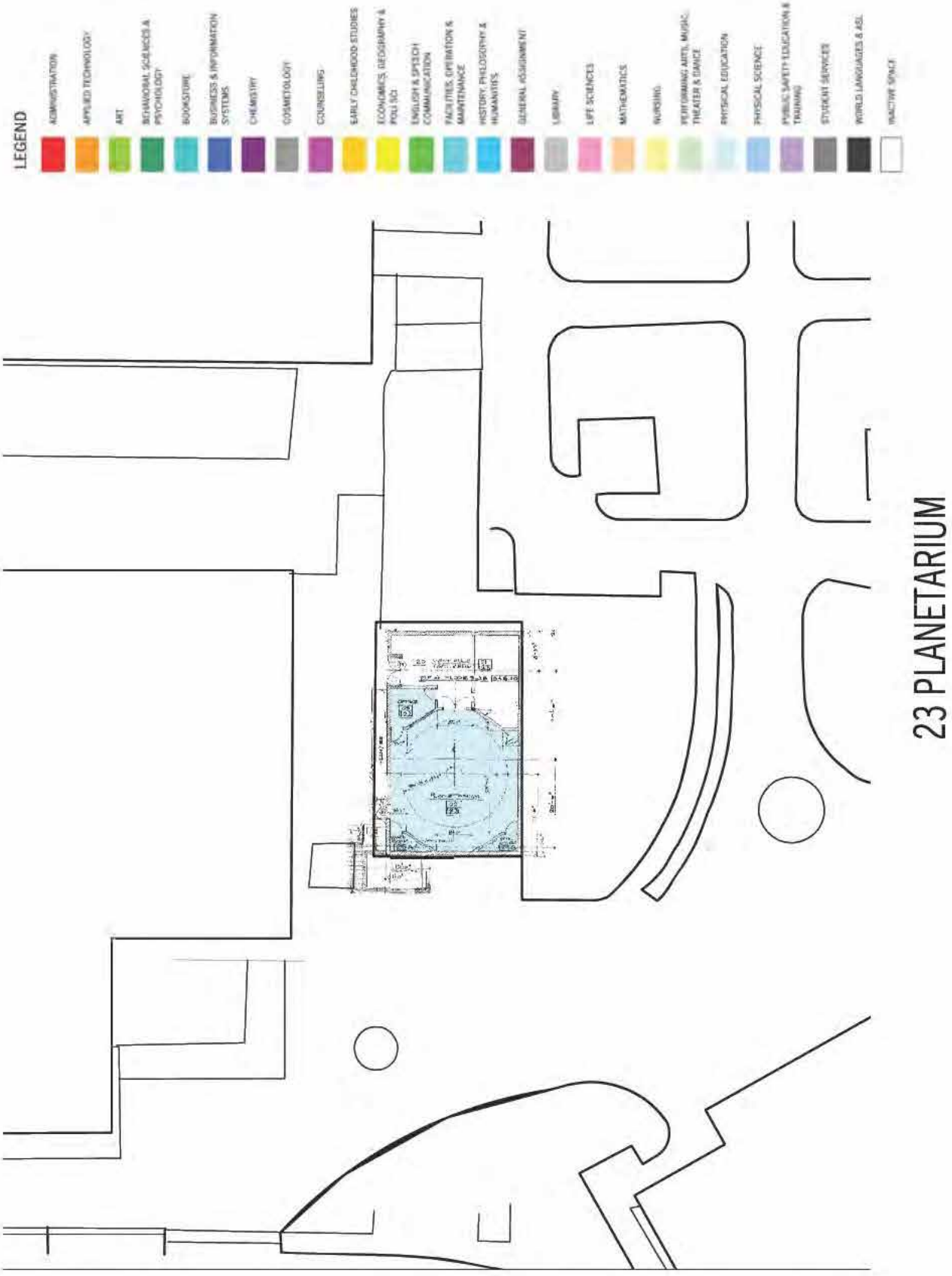
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WORLD LANGUAGES & ASL
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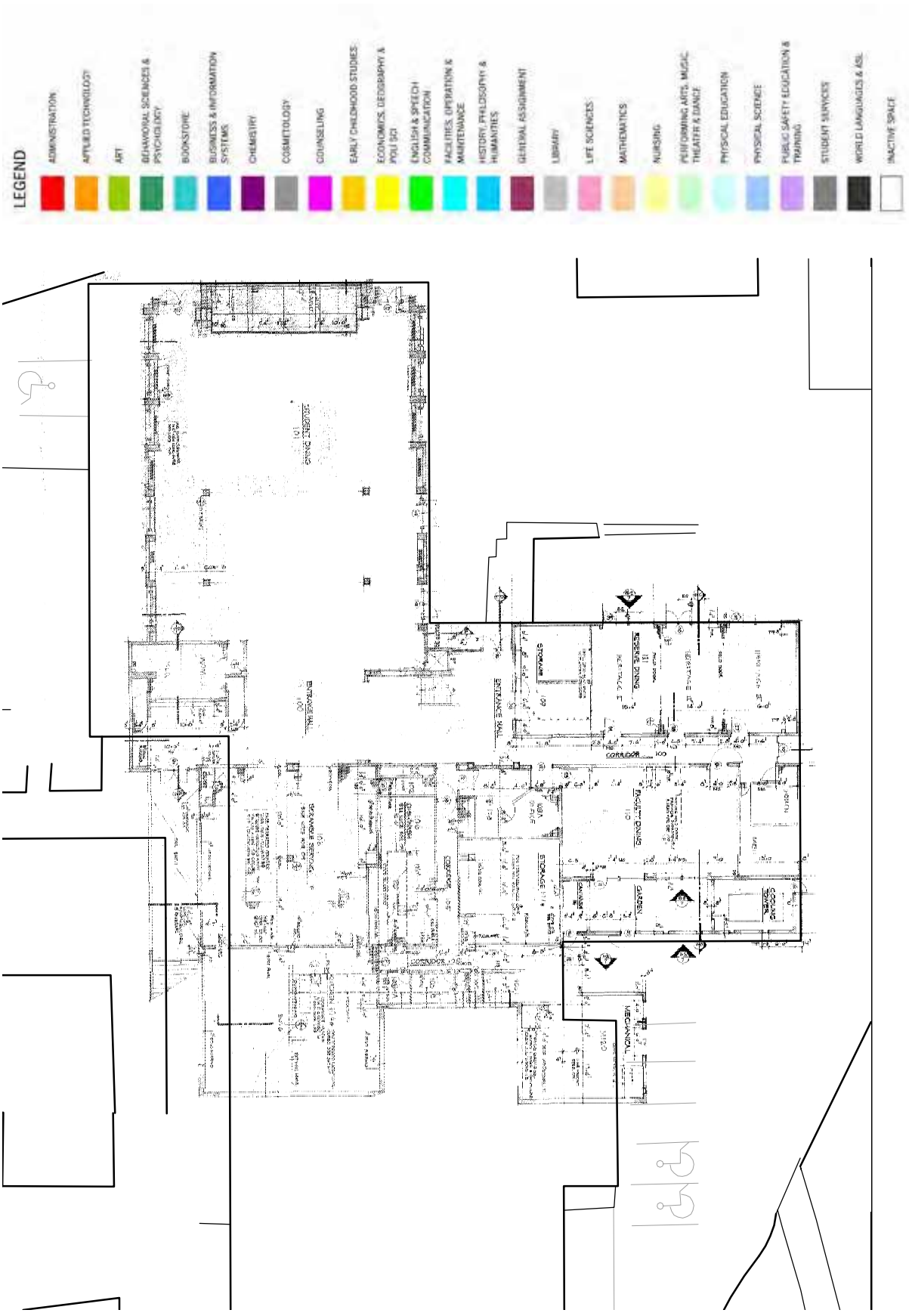
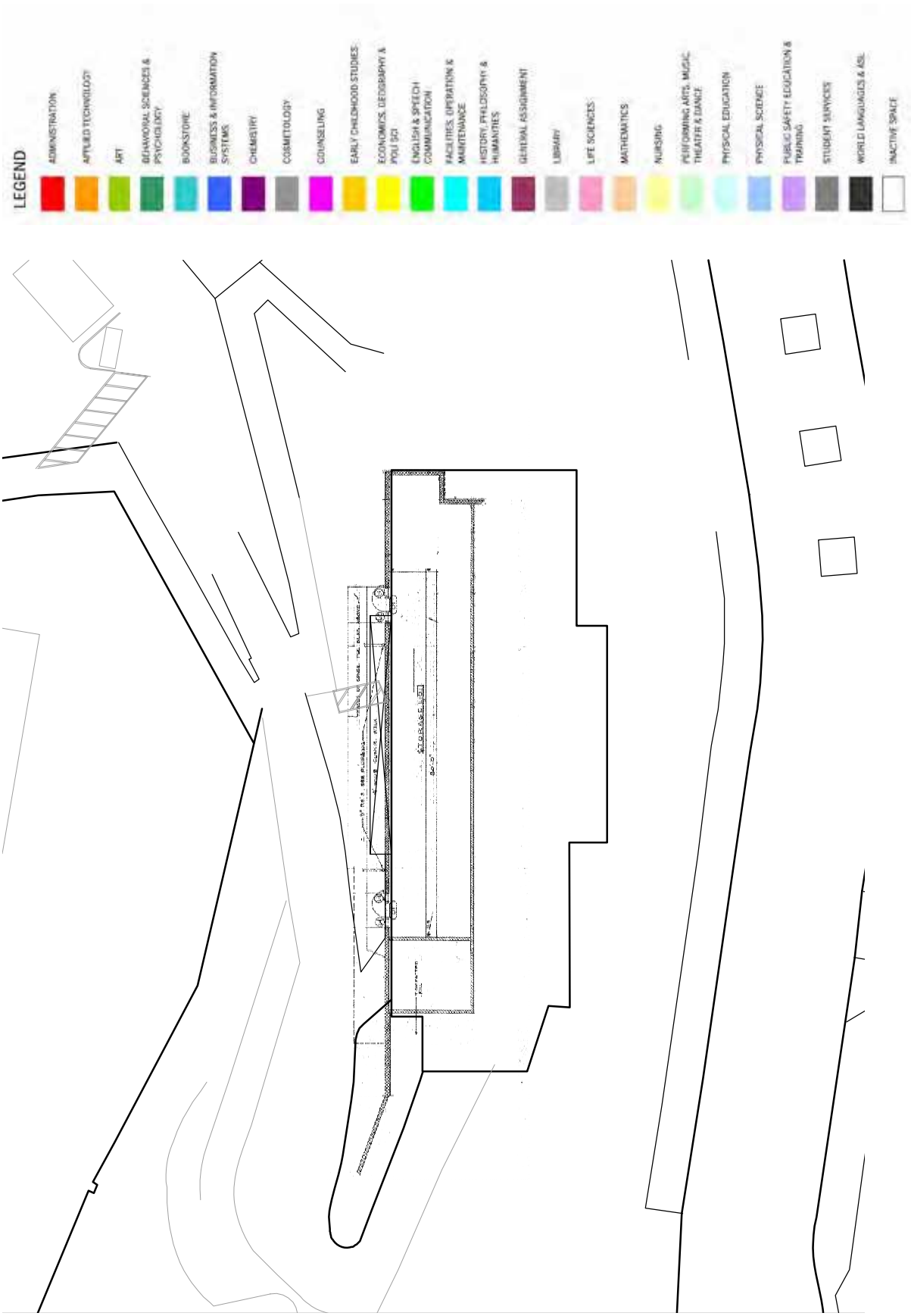
23 PLANETARIUM




24 STUDENT CENTER FIRST FLOOR

# APPENDIX F


## 24 STUDENT CENTER SECOND FLOOR




26 CERAMICS SCULPTURE

# APPENDIX F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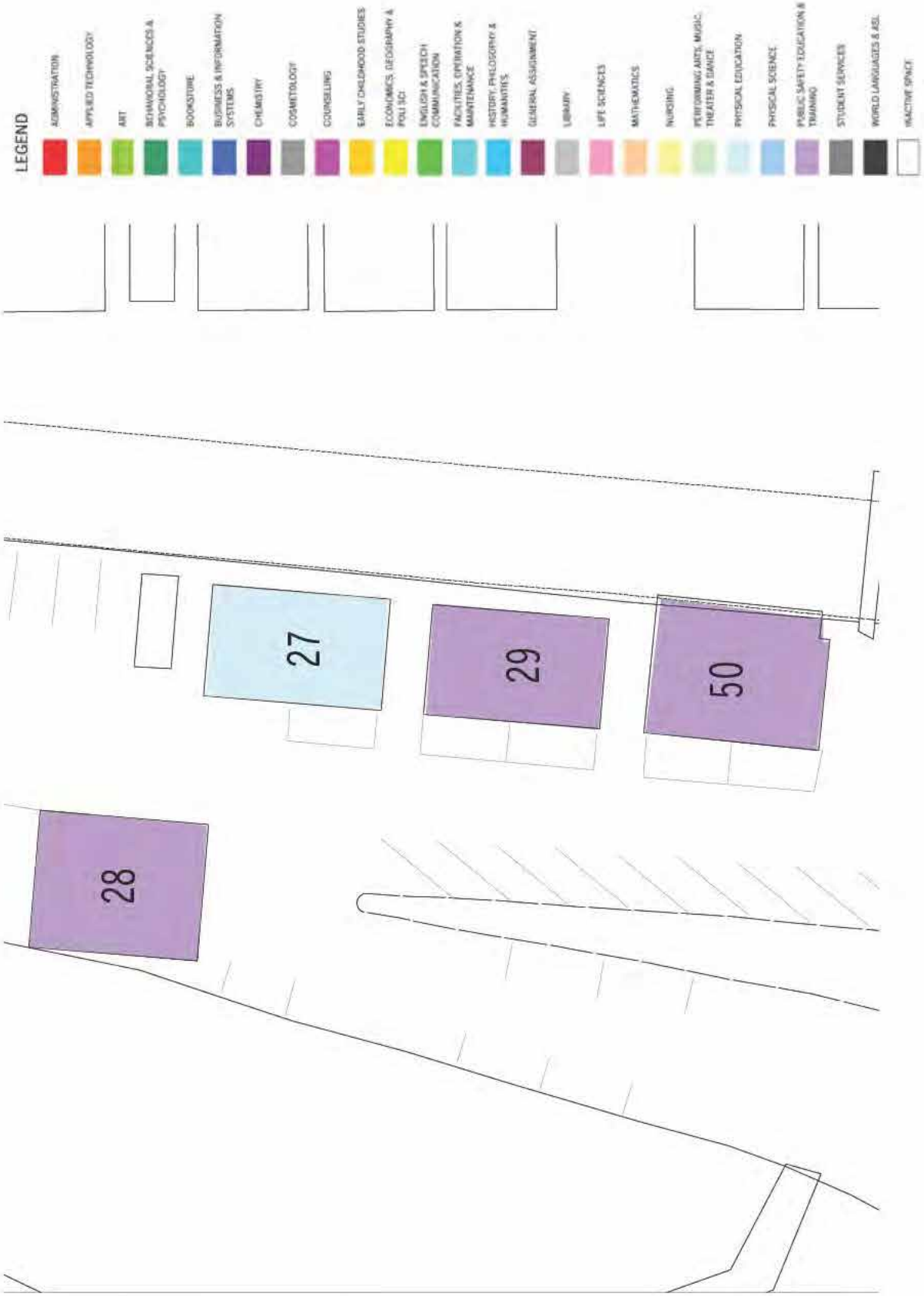
105 OFFICE
26 CERAMICS SCULPTURE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PHYSICAL SCIENCE
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STUDENT SERVICES
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INACTIVE SPACE
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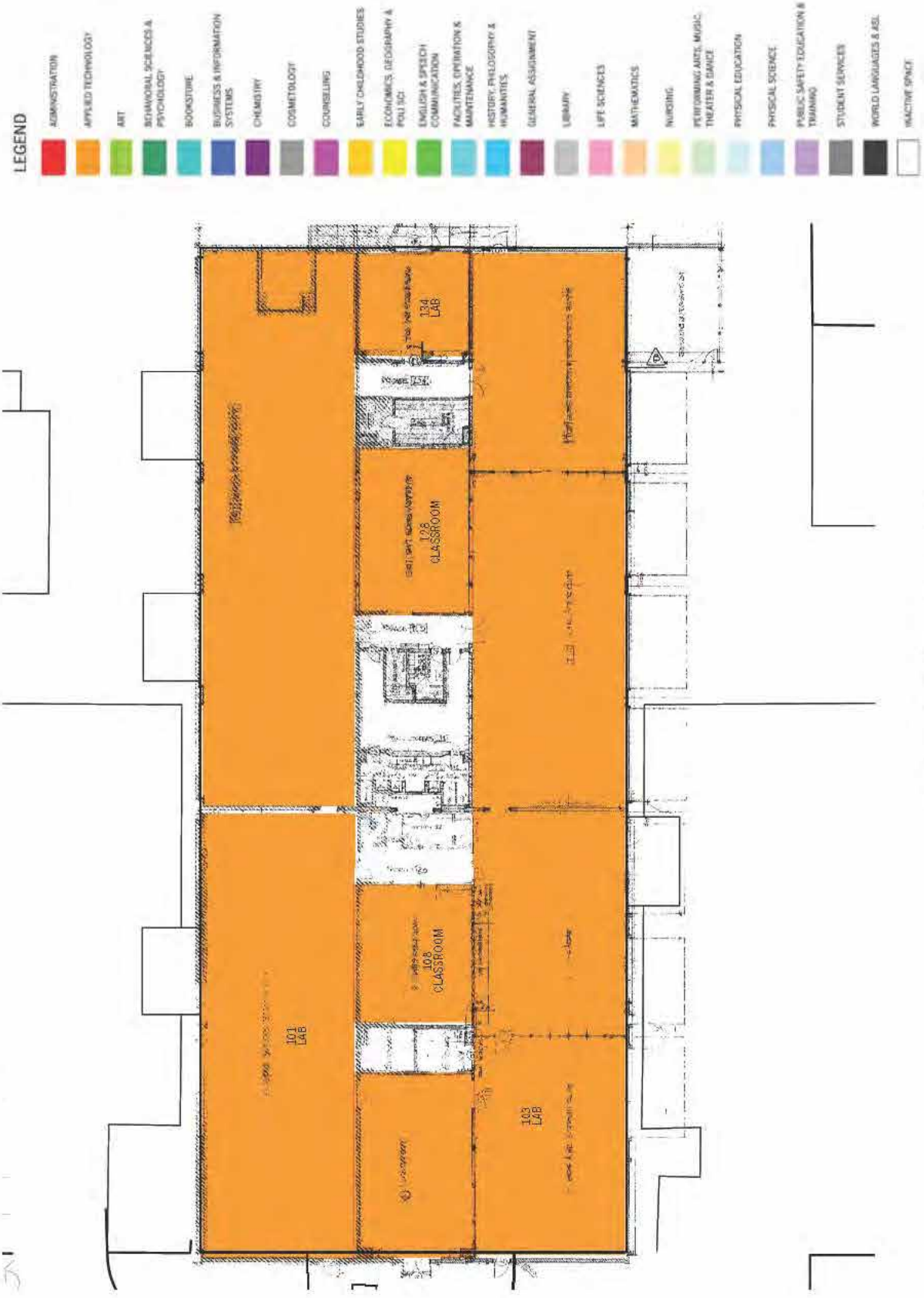
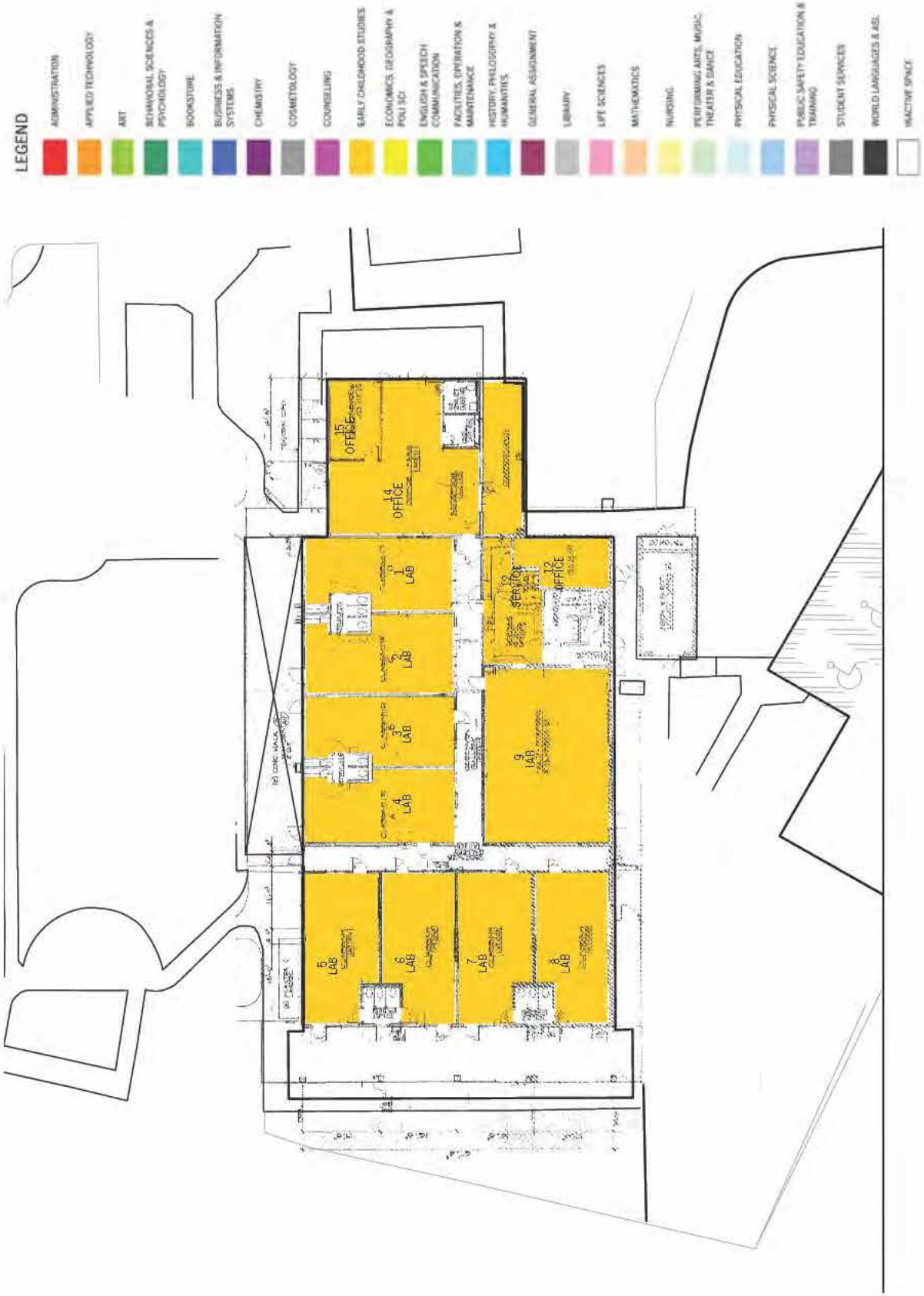
50
28

PORTABLES

# APPENDIX F




30 AUTO TECHNOLOGY




# 31 CHILD DEVELOPMENT

# APPENDIX F


32 BUSINESS EDUCATION FIRST FLOOR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- CHEMISTRY
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- LIBRARY
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- PHYSICAL EDUCATION
- PHYSICAL SCIENCE
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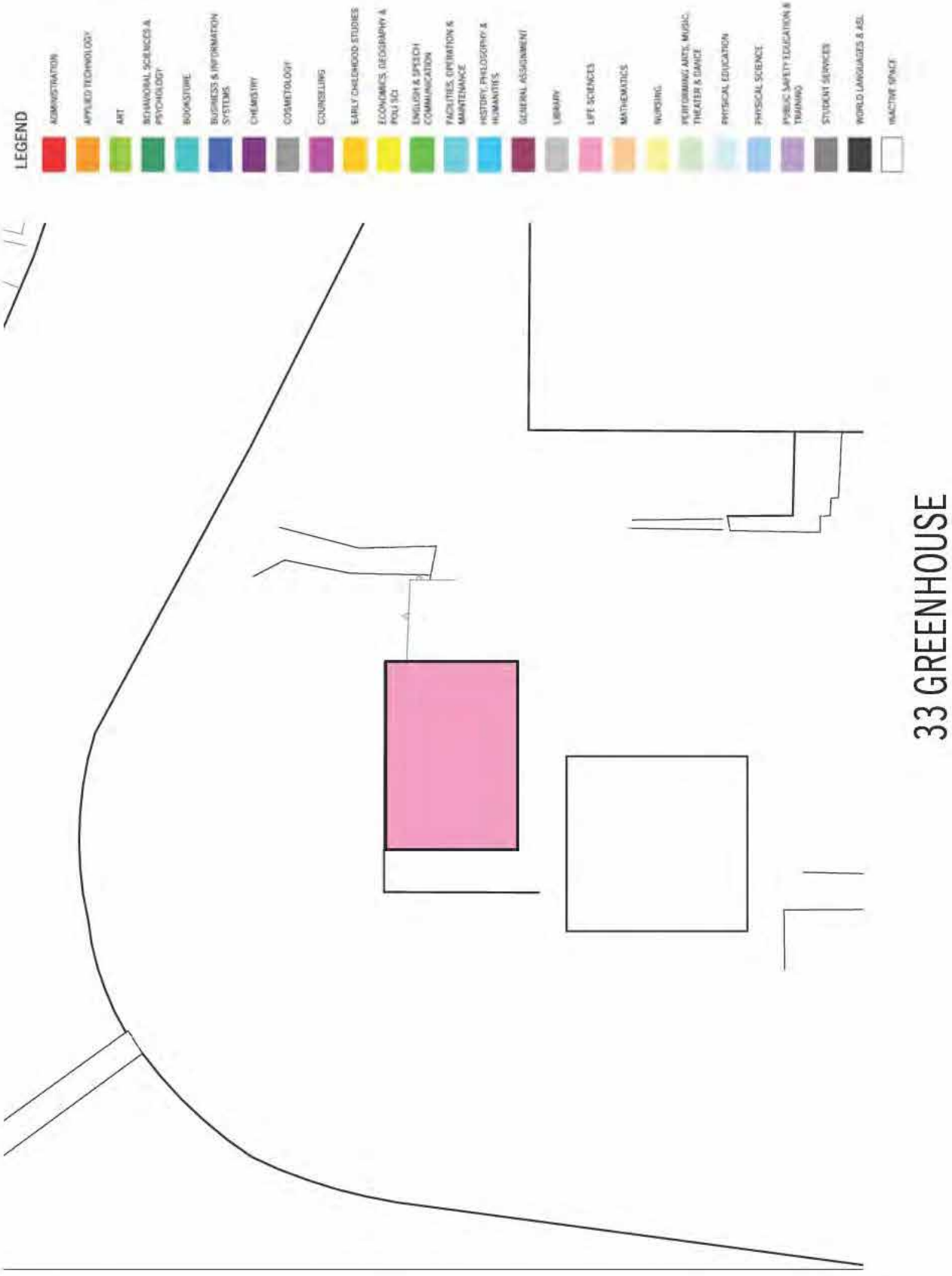
- STUDENT SERVICES
- WORLD LANGUAGES & ASL
- INACTIVE SPACE

# 32 BUSINESS EDUCATION FIRST FLOOR

# APPENDIX F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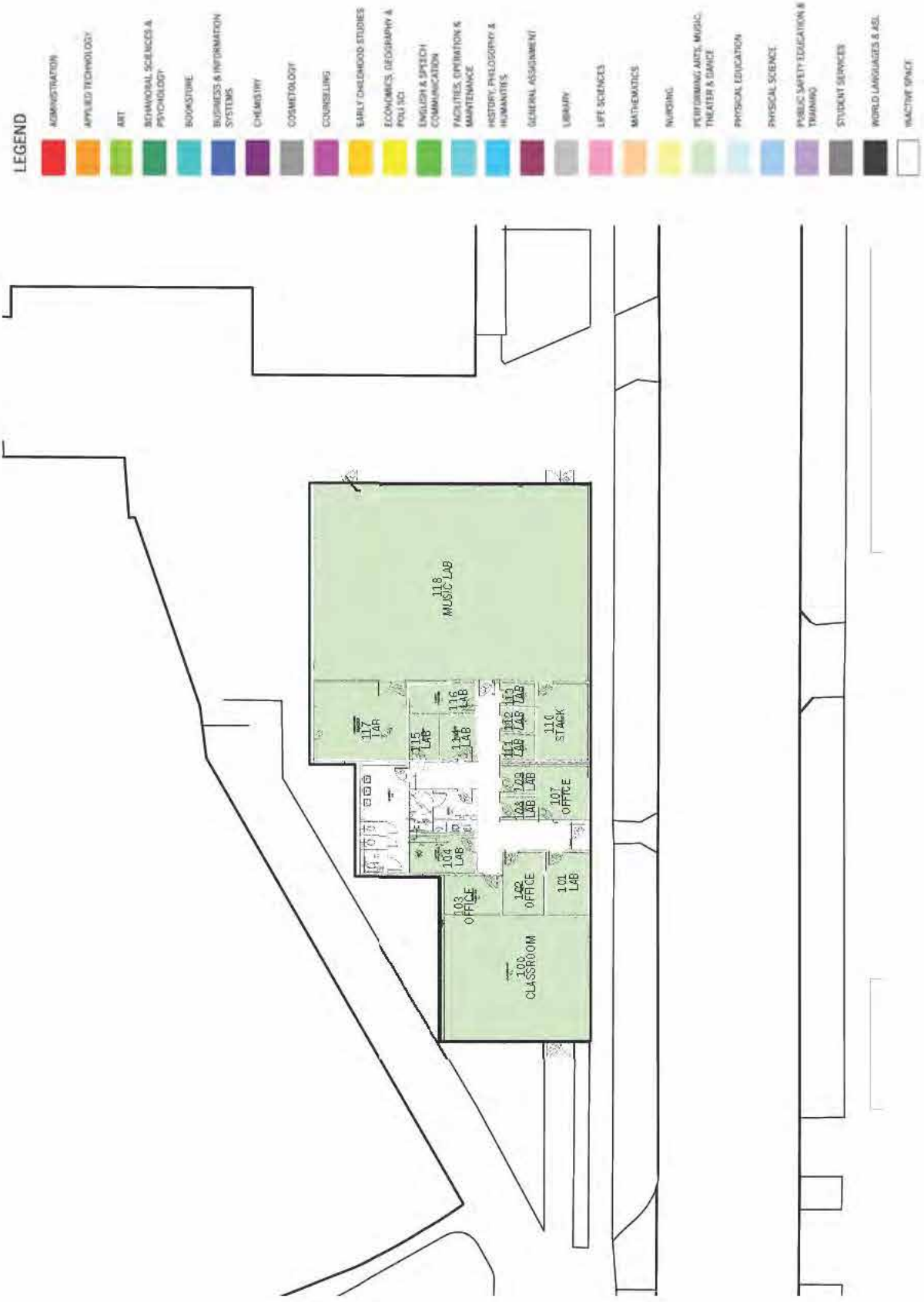
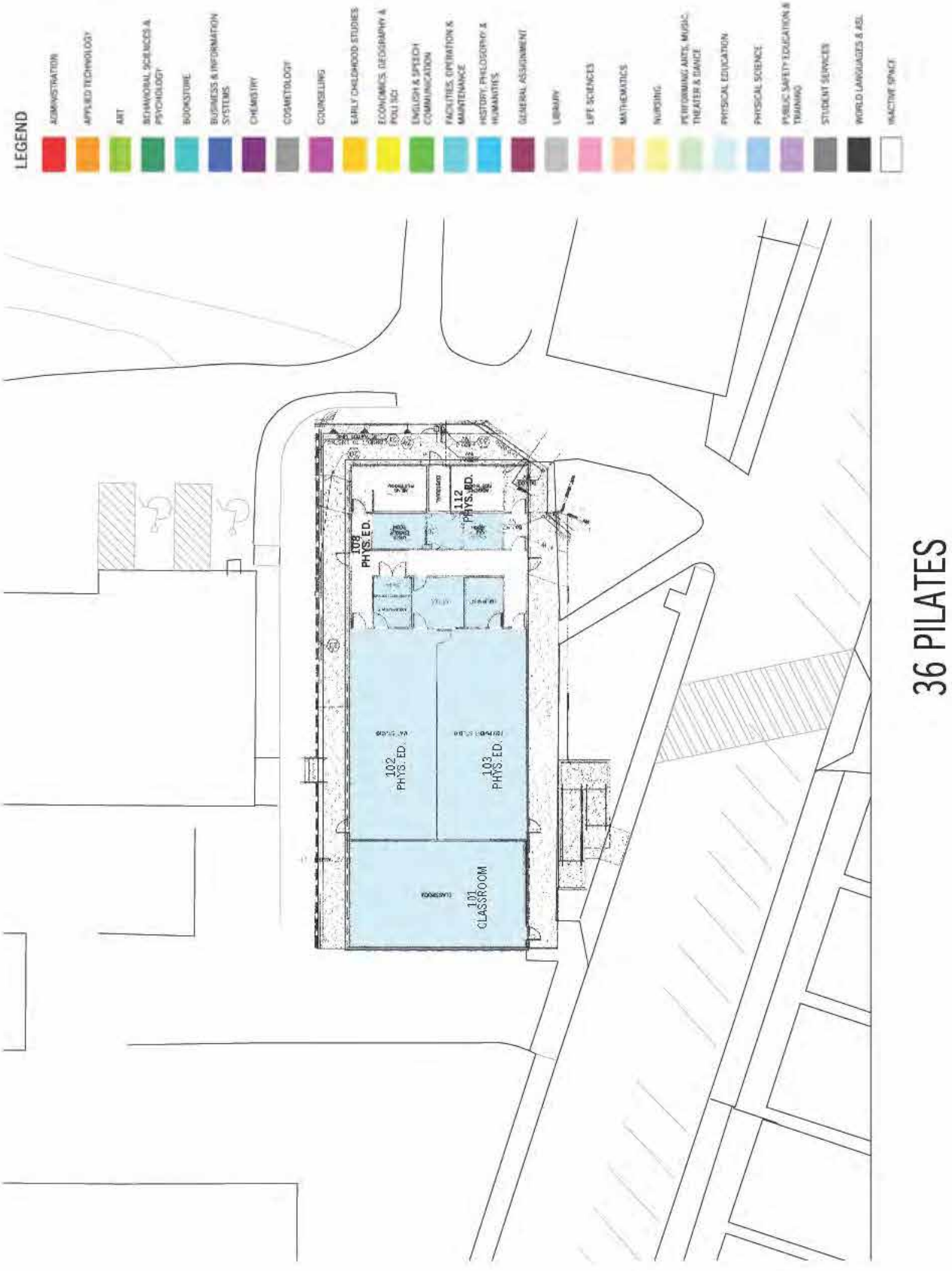
STUDENT SERVICES
WORLD LANGUAGES & ASL
INACTIVE SPACE
33 GREENHOUSE




35 MUSIC HALL

# APPENDIX F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INACTIVE SPACE
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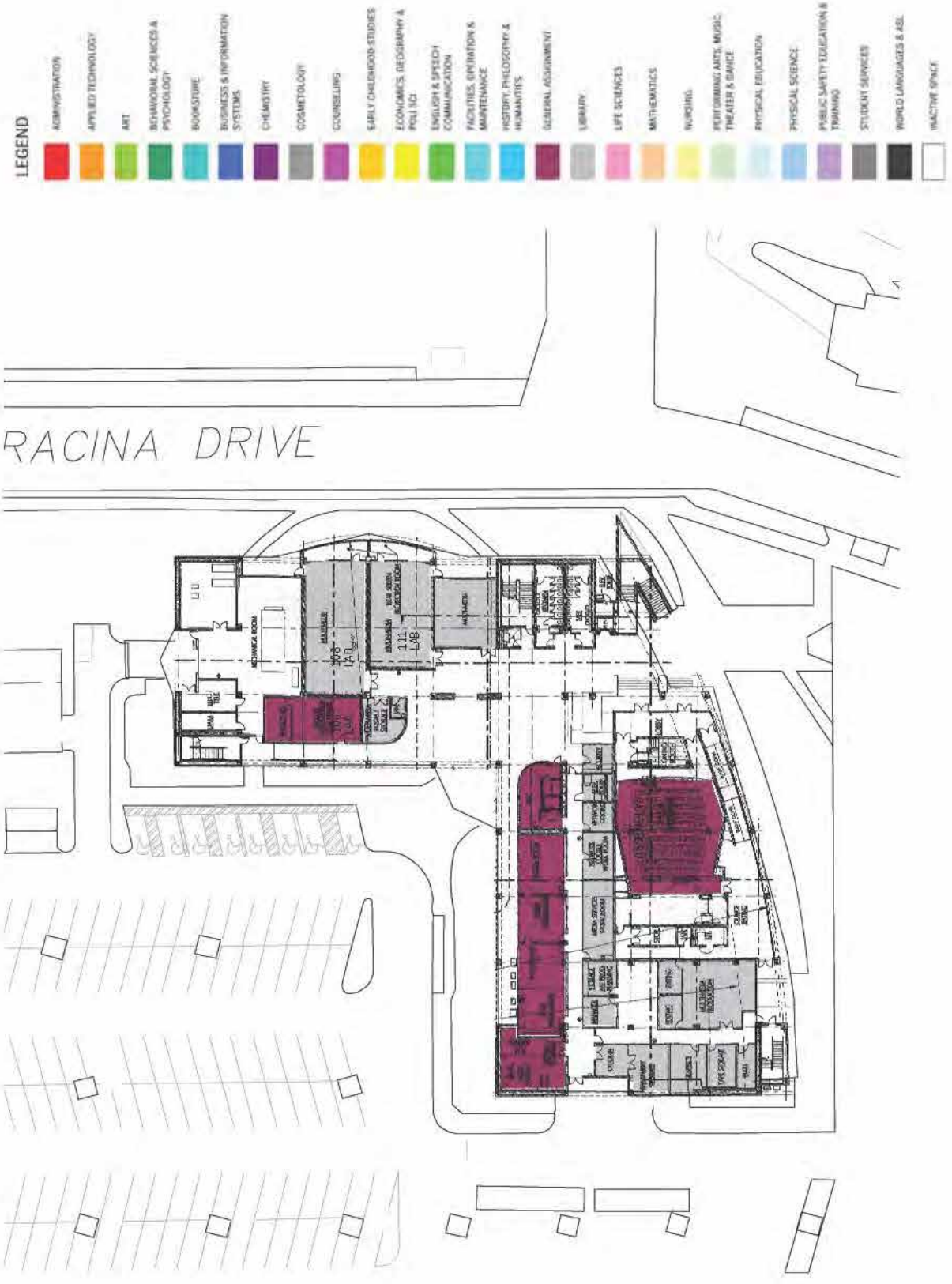
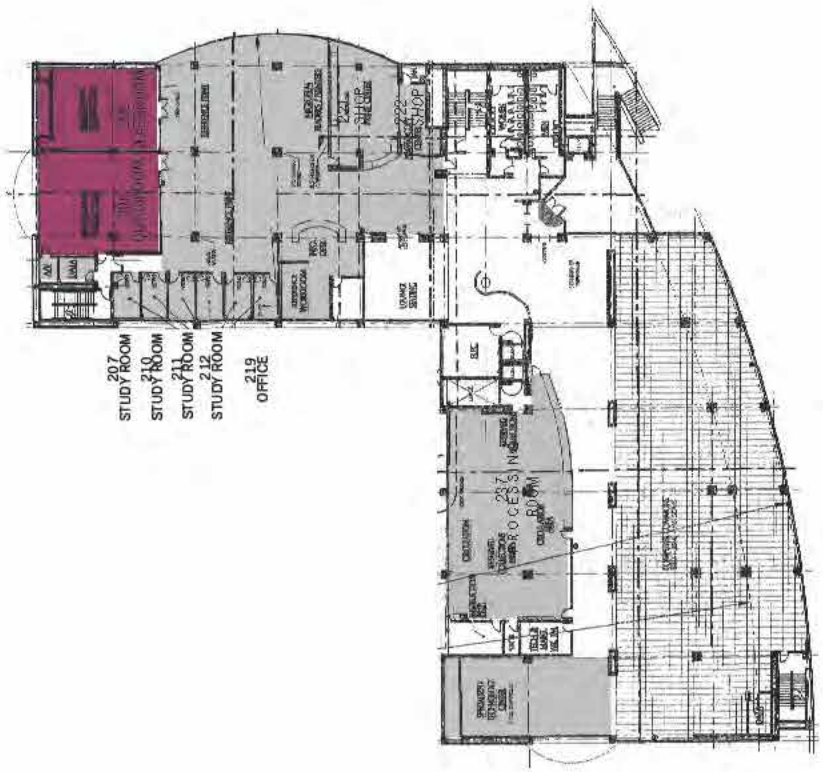
102 PHYS. ED.
103 PHYS. ED.
101 CLASSROOM
36 PILATES

# 37 DIGITAL LIBRARY FIRST FLOOR



# APPENDIX F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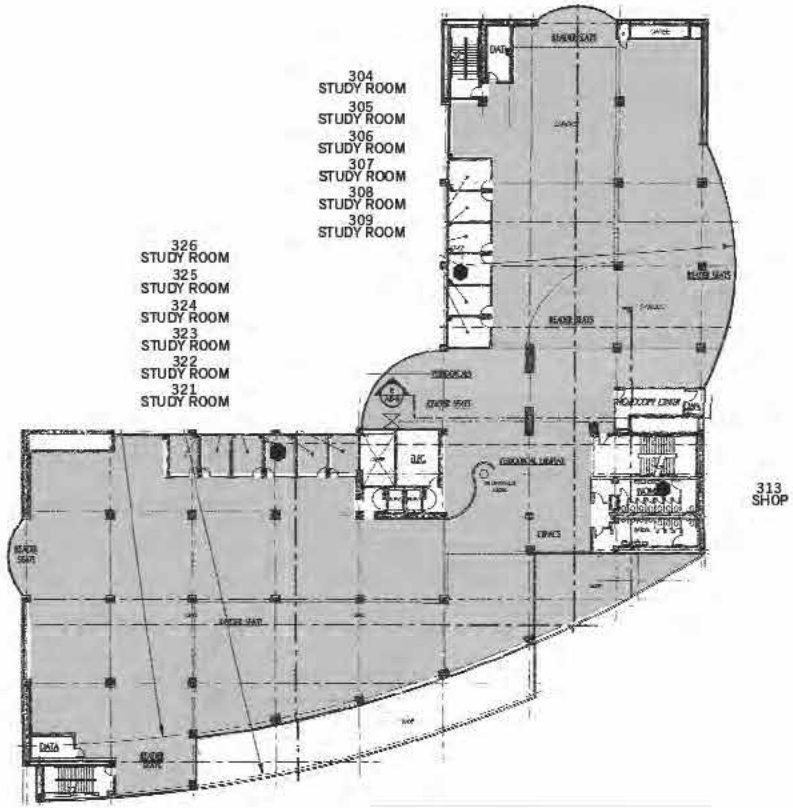


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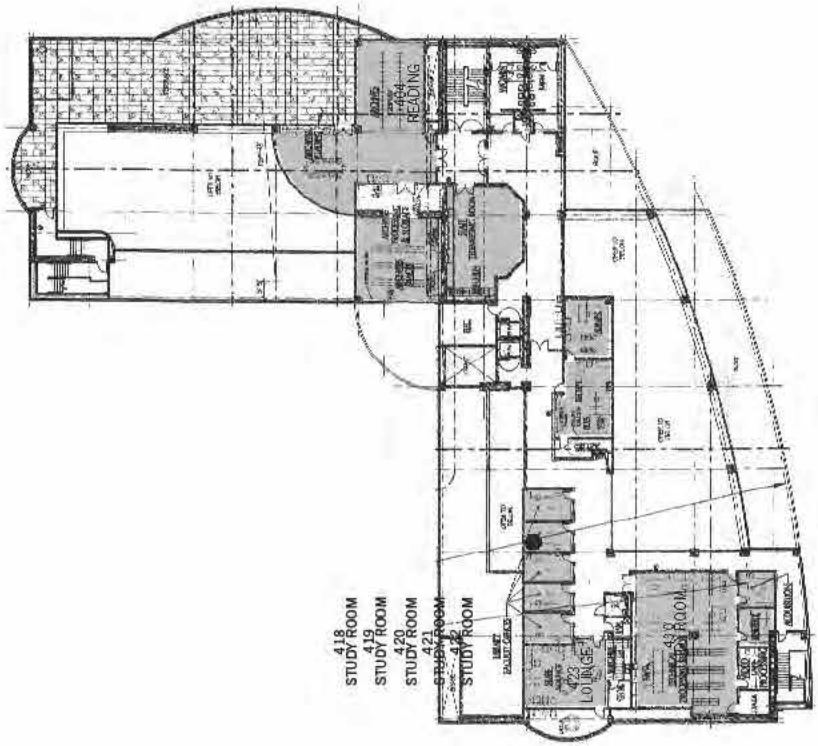
- INACTIVE SPACE

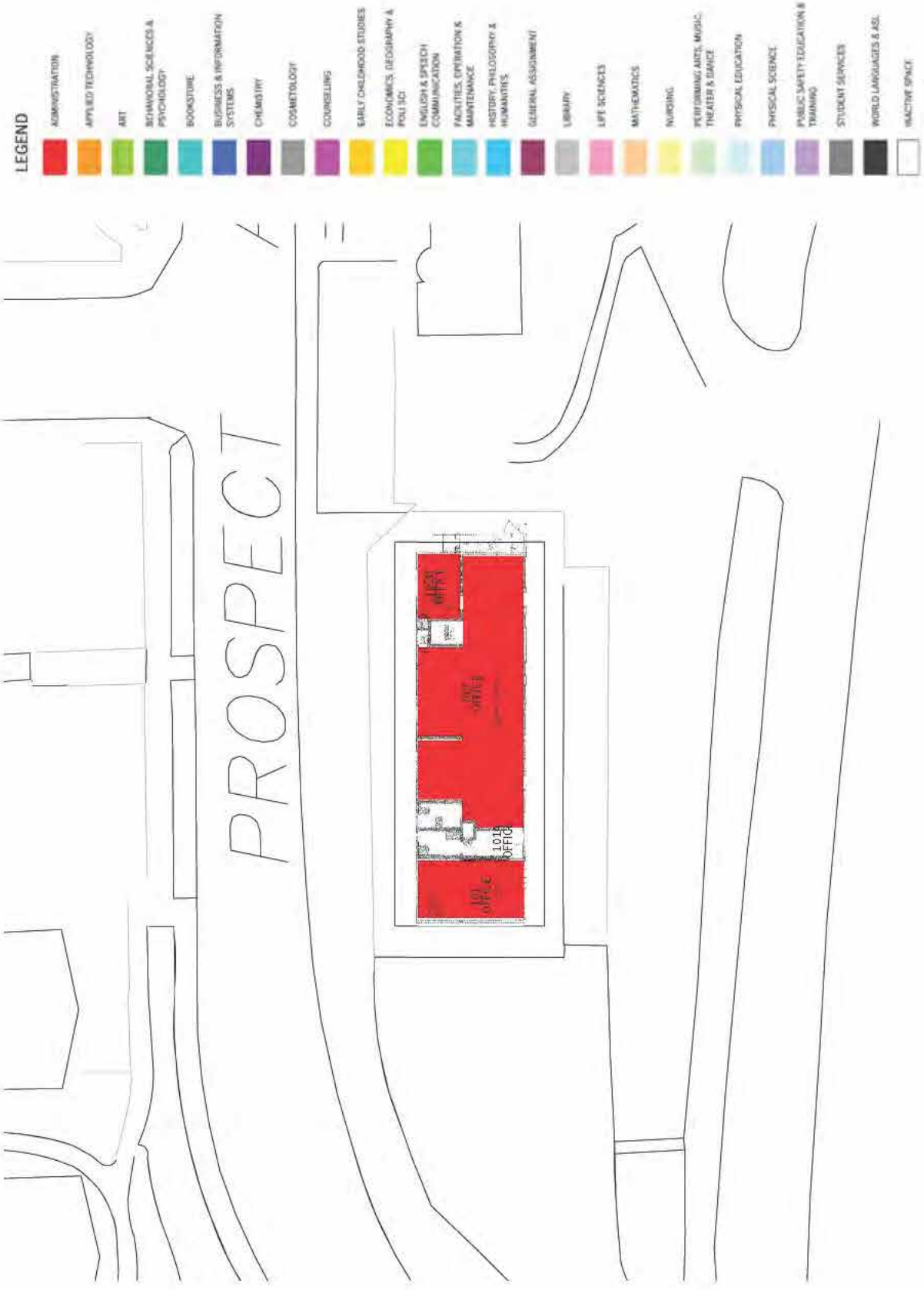
# 37 DIGITAL LIBRARY THIRD FLOOR

APPENDIX F

# APPENDIX F


## 37 DIGITAL LIBRARY FOURTH FLOOR

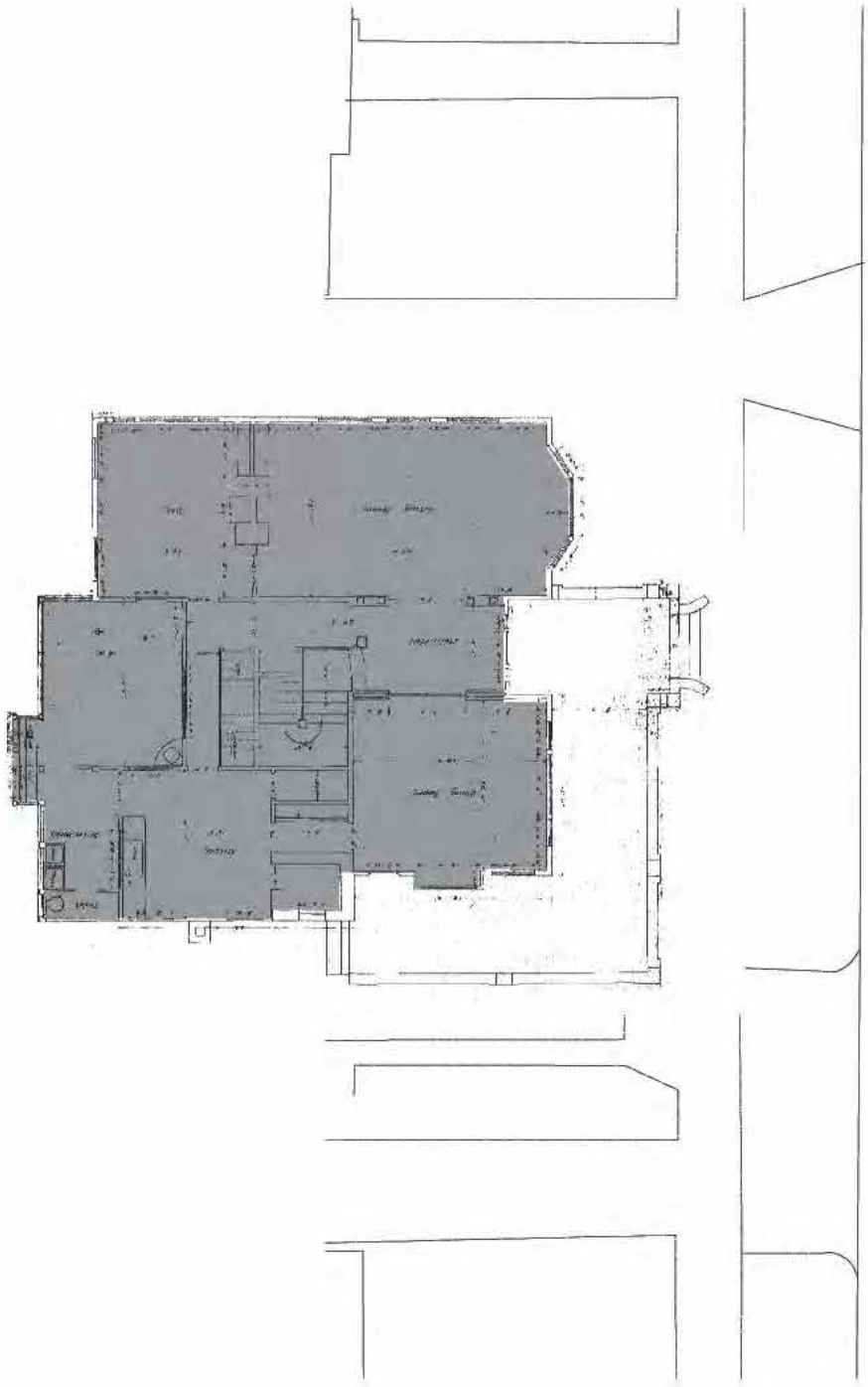



131 NORTH HALL FIRST FLOOR

# APPENDIX F

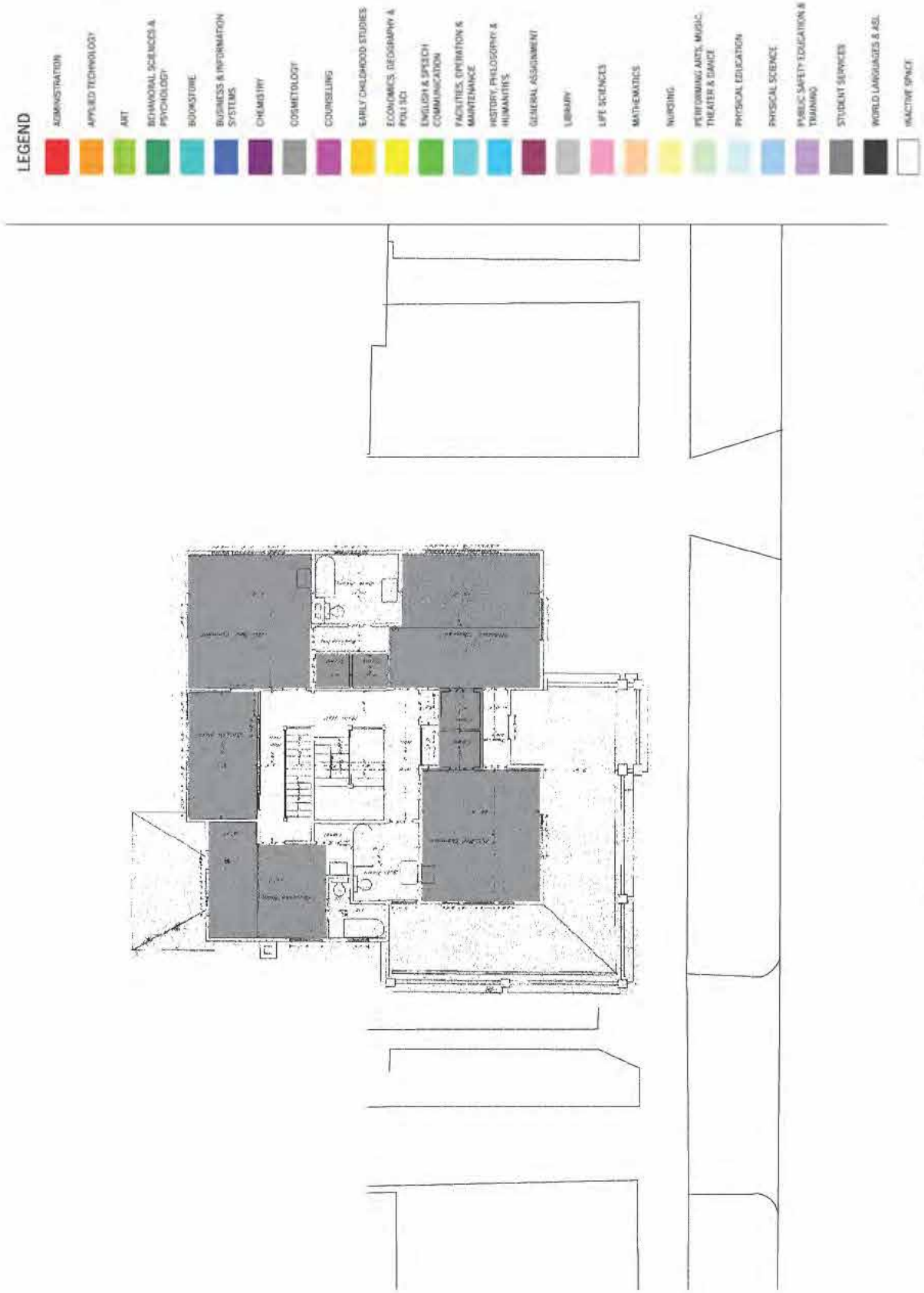


## 131 NORTH HALL SECOND FLOOR

# 132 ALUMNI HOUSE FIRST FLOOR

# APPENDIX F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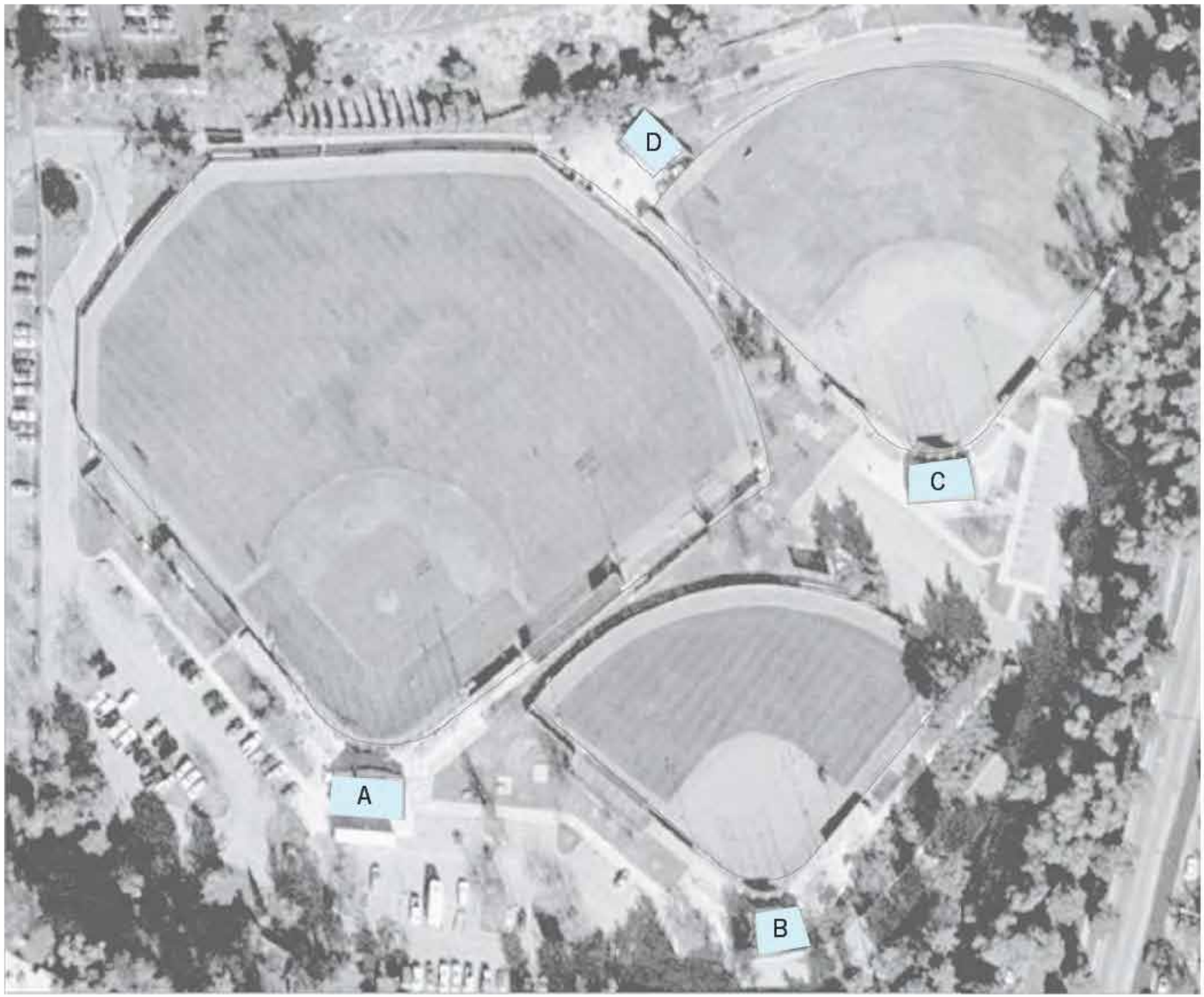
INACTIVE SPACE
132 ALUMNI HOUSE SECOND FLOOR

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- INACTIVE SPACE

# 161, 162, 163, 164 EVANS SPORTS COMPLEX A, B, C, D

# COST GUIDELINES

**Riverside Community College District**
Long Range Master Planning Resource
Cost Guidelines
January 14, 2008

| Project Costs ($/GSF) in Today's Dollars | | | | | | | |
|---|---|---|---|---|---|---|---|
| Building Type | Construction Cost Group 1 | | | Group 2 Cost | | Soft Cost | Total Project Cost |
| | Building Construction $/GSF | Security, IT/AV (Group 1) | Add'l Site Cost | FFE (Group 2) | IT/AV (Group 2) | | |
| | *Note (1)* | *Note (2)* | | *Note (3)* | *Note (4)* | *Note (5)* | *Notes (6 & 7)* |
| Classroom/Lecture | $ 420 | $ 30 | $ - | $ 20 | $ 50 | $ 180 | $ 700 |
| Student Services | $ 410 | $ 30 | $ - | $ 20 | $ 35 | $ 176 | $ 671 |
| Office/Administration | $ 420 | $ 30 | $ - | $ 20 | $ 35 | $ 180 | $ 685 |
| Fine and Applied Arts | $ 440 | $ 30 | $ - | $ 20 | $ 30 | $ 188 | $ 708 |
| Sciences | | | | | | | |
| Wet Lab | $ 450 | $ 30 | $ - | $ 20 | $ 20 | $ 192 | $ 712 |
| Dry Lab | $ 445 | $ 30 | $ - | $ 20 | $ 20 | $ 190 | $ 705 |
| Physical Education | $ 425 | $ 15 | $ - | $ 15 | $ 15 | $ 176 | $ 646 |
| Maintenance and Operations | $ 235 | $ 15 | $ - | $ 15 | $ 15 | $ 100 | $ 380 |
| Renovation and Modernization | $ 300 | $ 30 | $ - | $ 20 | $ 20 | $ 132 | $ 502 |
| Parking | | | | | | | |
| Structured ($ per space) | $ 15,000 | $ - | $ - | $ - | $ - | $ 6,000 | $ 21,000 |
| Surface ($ per space) | $ 2,000 | $ - | $ - | $ - | $ - | $ 800 | $ 2,800 |

**Notes**

Note (1) Construction Costs $ per GSF have been estimated based on the District's recent bid results for its Norco Phase III project, and current construction cost estimates provided by the District's Norco Phase III Construction Manager, ProWest Constructors, and the District's three Long Range Planning Consultants, Mass Companies, Steinberg Architects, and MDA Johnson/Favaro Architects. Minimal site development and infrastructure costs outside of building footprint are assumed.

Note (2) Security, Instructional Technology (IT) and Audio Visual (AV) $ per GSF (Group 1) are projected based on recent District experience in providing the infrastructure for the Quad Modernization Project, Norco Phase III, and planning under way for the Norco Student Support Center, Nursing/Sciences and the District Modular Projects. This per square foot cost reflects the necessary infrastructure costs to provide for District IT/AV standards.

Note (3) Fixtures, Furnishings, and Equipment (FFE) $ per GSF (Group 2) are projected based on recent District experience in providing FFE for the Quad Modernization Project, Norco Phase III, and planning under way for the Norco Student Support Center, Nursing/Sciences and the District Modular Projects.

Note (4) Instructional Technology (IT) and Audio Visual Equipment (AV) $ per GSF (Group 2) are projected based on recent District experience in providing IT and AV equipment for the Quad Modernization Project, Norco Phase III, and planning under way for the Norco Student Support Center, Nursing/Sciences and the District Modular Projects.

Note (5) Soft Costs which include Architect Design Fees, Engineering Design Fees (A&E), A&E Reimbrusables, Special Consultants, Division of State Architect Fees (DSA), Other Permits and Fees, Engineering Tests, Inspections, Project Management, Construction Management, and Contingency – Total calculated at 40% of group 1 Construction Costs.

Note (6) Total Project Costs per GSF = Total of Construction Costs, IT/AV Construction Costs, FFE, IT/AV Equipment Costs, and Soft Costs. All estimates are in January 2008 Dolla no adjustment for escalation has been made.

Note (7) These planning costs figures reflect buildings up to 50,000 gsf. For buildings greater than 50,000 gsf, apply a 10% reduction in the total project cost.

Cost Guidelines for Master Planning

# APPENDIX H
# FACILITIES PROGRAM SUMMARY

## FACILITIES OUTLINE PROGRAM SUMMARY

**CAMPUS BUILD OUT**
**ROUGH ORDER OF MAGNITUDE DETAIL**

| SPACE CATEGORY | DESCRIPTION | CURRENT INVENTORY | 2011 3 WHEELOCK GYM RENOV / ADD | 2011 INNOVATIVE LEARNING CENTER | 2011 RIVERSIDE AQUATICS COMPLEX | 2011 LOT K | 2011 RIVERSIDE SCHOOL FOR THE ARTS | 2011 NEW NURSING / SCIENCES |
|---|---|---|---|---|---|---|---|---|
| 0 | INACTIVE | 50,562 | | | | | | |
| 100 | CLASSROOM | 69,113 | | | | | 2,513 | 28,631 |
| 210-230 | LABORATORY | 113,845 | | 17,000 | | | 26,417 | 39,236 |
| 235-255 | NON-CLASS LABORATORY | 0 | | | | | | |
| 300 | OFFICE / CONFERENCE | 62,763 | | | | | 4,892 | 9,685 |
| 400 | LIBRARY | 50,783 | | | | | 5,011 | |
| 510-515 | ARMORY / ARMORY SERVICE | 0 | | | | | | |
| 520-525 | PHYS. ED. (INDOOR) | 54,426 | | | | | | |
| 530-535 | AV / TV | 6,108 | | | | | 9,185 | 954 |
| 540-555 | CLINIC / DEMONSTRATION | 3,952 | | | | | | |
| 580-590 | GREENHOUSE / OTHER | 6,421 | | | | | | |
| 610-625 | ASSEMBLY / EXHIBITION | 24,188 | | | | | 5,531 | |
| 630-635 | FOOD SERVICE | 10,392 | | | | | | |
| 650-655 | LOUNGE / LOUNGE SERVICE | 4,018 | | | | | | 1,713 |
| 660-665 | MERCHANDISING | 6,403 | | | | | | |
| 670-690 | MEETING / RECREATION | 11,189 | | | | | 5,718 | 1,418 |
| 710-715 | DATA PROCESSING / COMP | 5,158 | | | | | | |
| 720-770 | PHYSICAL PLANT | 24,497 | | | | | | 4,875 |
| 800 | HEALTH SERVICES | 299 | | | | | | |
| 900 | TOILET / BATH | 0 | | | | | | |
| | *TOTAL* | **504,117** | **3,645** | **17,000** | **4,000** | | **59,267** | **86,512** |
| | | | | | | 34 SPACES | | |
| | APPROXIMATE BLDG GSF | 638,663 | 7,464 | | 5,333 | | 91,180 | 131,450 |
| | BLDG CONSTRUCTION $ / GSF | | | | | $ 2,000 | | |
| | BLDG CONSTRUCTION COST | | | | | $ 68,000 | | |
| | BLDG PROJECT COST $ / GSF | | | | | $ 2,800 | | |
| | **BLDG PROJECT COST** | | **$ 15,198,000** | | **$ -** | **$ 95,200** | **$ 45,644,000** | **$ 57,153,000** |
| | APPROXIMATE SITE SF | | | | | | | |
| | SITE CONSTRUCTION $ / SF | | | | | | | |
| | SITE CONSTRUCTION COST | | | | | | | |
| | SITE PROJECT COST $ / SF | | | | | | | |
| | **SITE PROJECT COST** | | | | | | | |
| | **TOTAL PROJECT COST** | | **$ 15,198,000** | | **$ -** | **$ 95,200** | **$ 45,644,000** | **$ 57,153,000** |
| | ESCALATED PROJECT COST | | $ 17,593,585 | | $ - | $ 110,206 | $ 52,838,636 | $ 66,161,742 |
| | | | **JCAF 32** Does not include: Stadium | | *TO BE CONFIRMED* | | **JCAF 32** | **JCAF 32** |

# FACILITIES PROGRAM SUMMARY

## FACILITIES OUTLINE PROGRAM SUMMARY

**CAMPUS BUILD OUT**
**ROUGH ORDER OF MAGNITUDE DETAIL**

| SPACE CATEGORY | DESCRIPTION | CURRENT INVENTORY | 2011 33 GREENHOUSE - DEMO | 2011 20 LIFE SCIENCE - OFF LINE | 2011 32 BUSINESS EDUCATION - DEMO | 2011 22 PHYSICAL SCIENCE - OFF LINE | 2011 CAMPUS PROMENADE | 2012 20 LIFE SCIENCE - RENO. FOR BE |
|---|---|---|---|---|---|---|---|---|
| 0 | INACTIVE | 50,562 | | | | | | |
| 100 | CLASSROOM | 69,113 | | (4,884) | (5,525) | (5,564) | | 5,763 |
| 210-230 | LABORATORY | 113,845 | | (9,667) | (6,971) | (12,312) | | 2,652 |
| 235-255 | NON-CLASS LABORATORY | 0 | | | | | | |
| 300 | OFFICE/ CONFERENCE | 62,763 | | (2,505) | (2,392) | (1,882) | | 2,500 |
| 400 | LIBRARY | 50,783 | | (183) | | | | |
| 510-515 | ARMORY/ ARMORY SERVICE | 0 | | | | | | |
| 520-525 | PHYS. ED. (INDOOR) | 54,426 | | | | | | |
| 530-535 | AV/TV | 6,108 | | | | | | 1,200 |
| 540-555 | CLINIC/ DEMONSTRATION | 3,952 | | | | | | |
| 580-590 | GREENHOUSE/ OTHER | 6,421 | (108) | | | | | |
| 610-625 | ASSEMBLY/ EXHIBITION | 24,188 | | | | | | |
| 630-635 | FOOD SERVICE | 10,392 | | | | | | |
| 650-655 | LOUNGE/ LOUNGE SERVICE | 4,018 | | | | (197) | | |
| 660-665 | MERCHANDISING | 6,403 | | | | | | |
| 670-690 | MEETING/ RECREATION | 11,189 | | | (1,170) | (336) | | 1,200 |
| 710-715 | DATA PROCESSING/ COMP | 5,158 | | | (118) | | | 300 |
| 720-770 | PHYSICAL PLANT | 24,497 | | | | | | |
| 800 | HEALTH SERVICES | 299 | | | | | | |
| 900 | TOILET/ BATH | 0 | | | | | | |
| | ***TOTAL*** | **504,117** | **(108)** | **(17,239)** | **(16,176)** | **(20,291)** | | **13,615** |
| | APPROXIMATE BLDG GSF | 638,663 | (119) | | (22,100) | | | 28,642 |
| | BLDG CONSTRUCTION $/GSF | | $ 20 | | $ 20 | | | $ 300 |
| | BLDG CONSTRUCTION COST | | $ 2,380 | | $ 442,000 | | | $ 8,592,600 |
| | BLDG PROJECT COST $/GSF | | $ 28 | | $ 28 | | | $ 502 |
| | **BLDG PROJECT COST** | | **$ 3,332** | | **$ 618,800** | | | **$ 14,378,284** |
| | APPROXIMATE SITE SF | | | | | | 89,400 | 17,850 |
| | SITE CONSTRUCTION $/SF | | | | | | $ 100 | $ 20 |
| | SITE CONSTRUCTION COST | | | | | | $ 8,940,000 | $ 357,000 |
| | SITE PROJECT COST $/SF | | | | | | $ 140 | $ 28 |
| | **SITE PROJECT COST** | | | | | | **$ 12,516,000** | **$ 499,800** |
| | **TOTAL PROJECT COST** | | **$ 3,332** | | **$ 618,800** | | **$ 12,516,000** | **$ 14,878,084** |
| | ESCALATED PROJECT COST | | $ 3,857 | | $ 716,338 | | $ 14,488,835 | $ 18,084,404 |

# APPENDIX H
# FACILITIES PROGRAM SUMMARY

## FACILITIES OUTLINE PROGRAM SUMMARY

**CAMPUS BUILD OUT**

**ROUGH ORDER OF MAGNITUDE DETAIL**

| SPACE CATEGORY | DESCRIPTION | CURRENT INVENTORY | 2012 22 PHYSICAL SCIENCE - RENOV - 1ST FLR NOC / LOVEKIN PORTABLES | 2012 LOT G | 2012 SOCCER FIELD | 2012 STUDENT SERVICES CENTER (NEW) | 2012 LOT B | 2012 10 ADMISSIONS COUNSEL - DEMO |
|---|---|---|---|---|---|---|---|---|
| 0 | INACTIVE | 50,562 | | | | | | |
| 100 | CLASSROOM | 69,113 | 4,000 | | | | | |
| 210-230 | LABORATORY | 113,845 | 10,000 | | | 5,400 | | |
| 235-255 | NON-CLASS LABORATORY | 0 | | | | | | |
| 300 | OFFICE/ CONFERENCE | 62,763 | 1,000 | | | 25,000 | | (4,016) |
| 400 | LIBRARY | 50,783 | | | | 3,200 | | |
| 510-515 | ARMORY/ ARMORY SERVICE | 0 | | | | | | |
| 520-525 | PHYS. ED. (INDOOR) | 54,426 | | | | | | |
| 530-535 | AV/TV | 6,108 | | | | 3,240 | | |
| 540-555 | CLINIC/ DEMONSTRATION | 3,952 | | | | | | |
| 580-590 | GREENHOUSE/ OTHER | 6,421 | | | | | | (400) |
| 610-625 | ASSEMBLY/ EXHIBITION | 24,188 | | | | 2,500 | | |
| 630-635 | FOOD SERVICE | 10,392 | | | | 760 | | |
| 650-655 | LOUNGE/ LOUNGE SERVICE | 4,018 | | | | | | |
| 660-665 | MERCHANDISING | 6,403 | | | | 1,200 | | |
| 670-690 | MEETING/ RECREATION | 11,189 | | | | 6,000 | | |
| 710-715 | DATA PROCESSING/ COMP | 5,158 | 2,000 | | | 3,000 | | |
| 720-770 | PHYSICAL PLANT | 24,497 | | | | 1,500 | | |
| 800 | HEALTH SERVICES | 299 | | | | 1,200 | | |
| 900 | TOILET/ BATH | 0 | | | | | | |
| | ***TOTAL*** | **504,117** | **17,000** | | | **53,000** | | **(4,416)** |
| | | | | 568 SPACES | | | 290 SPACES | |
| | APPROXIMATE BLDG GSF | 638,663 | 26,335 | | | 81,538 | | (7,554) |
| | BLDG CONSTRUCTION $/GSF | | $ 350 | $ 2,000 | | $ 410 | $ 2,000 | $ 20 |
| | BLDG CONSTRUCTION COST | | $ 9,217,250 | $ 1,136,000 | | $ 33,430,769 | $ 580,000 | $ 151,080 |
| | BLDG PROJECT COST $/GSF | | $ 590 | $ 2,800 | | $ 671 | $ 2,800 | $ 28 |
| | **BLDG PROJECT COST** | | **$ 15,537,650** | **$ 1,590,400** | | **$ 54,712,308** | **$ 812,000** | **$ 211,512** |
| | APPROXIMATE SITE SF | | 17,850 | 31,300 | 110,000 | 94,000 | 55,600 | |
| | SITE CONSTRUCTION $/SF | | $ 20 | $ 20 | $ 9 | $ 20 | $ 20 | |
| | SITE CONSTRUCTION COST | | $ 357,000 | $ 626,000 | $ 990,000 | $ 1,880,000 | $ 1,112,000 | |
| | SITE PROJECT COST $/SF | | $ 28 | $ 28 | $ 13 | $ 28 | $ 28 | |
| | **SITE PROJECT COST** | | **$ 499,800** | **$ 876,400** | **$ 1,386,000** | **$ 2,632,000** | **$ 1,556,800** | |
| | **TOTAL PROJECT COST** | | **$ 16,037,450** | **$ 2,466,800** | **$ 1,386,000** | **$ 57,344,308** | **$ 2,368,800** | **$ 211,512** |
| | ESCALATED PROJECT COST | | $ 19,493,621 | $ 2,998,411 | $ 1,684,692 | $ 69,702,364 | $ 2,879,291 | $ 257,094 |
| | | | Estimated ASF<br>Photography<br>Workforce Dev.<br>Offices | Estimated ASF<br>Does not include<br>cost to cover<br>channel | | Does not include:<br>Culinary Academy<br>Bookstore | | |

# FACILITIES PROGRAM SUMMARY

## FACILITIES OUTLINE PROGRAM SUMMARY

**CAMPUS BUILD OUT**
**ROUGH ORDER OF MAGNITUDE DETAIL**

| SPACE CATEGORY | DESCRIPTION | CURRENT INVENTORY | 2012 11 DATA PROCESSING - DEMO | 2012 17 ADMINISTRATION - DEMO | 2012 34 ASSESSMENT/ PLACEMENT - DEMO | 2012 24 STUDENT CENTER - OFF LINE | 2013 NEW PARKING STRUCTURE | 2013 18 COSMETOLOGY DEMO |
|---|---|---|---|---|---|---|---|---|
| 0 | INACTIVE | 50,562 | | (205) | | | | |
| 100 | CLASSROOM | 69,113 | | (3,705) | | | | (592) |
| 210-230 | LABORATORY | 113,845 | | | (375) | | | (7,330) |
| 235-255 | NON-CLASS LABORATORY | 0 | | | | | | |
| 300 | OFFICE/ CONFERENCE | 62,763 | (2,715) | (4,848) | (459) | (3,700) | | (762) |
| 400 | LIBRARY | 50,783 | | | | | | |
| 510-515 | ARMORY/ ARMORY SERVICE | 0 | | | | | | |
| 520-525 | PHYS. ED. (INDOOR) | 54,426 | | | | | | |
| 530-535 | AV/TV | 6,108 | | | | | | |
| 540-555 | CLINIC/ DEMONSTRATION | 3,952 | | | | | | |
| 580-590 | GREENHOUSE/ OTHER | 6,421 | | (861) | (1,350) | | | |
| 610-625 | ASSEMBLY/ EXHIBITION | 24,188 | | | | | | |
| 630-635 | FOOD SERVICE | 10,392 | | | | | | |
| 650-655 | LOUNGE/ LOUNGE SERVICE | 4,018 | | | | | | (808) |
| 660-665 | MERCHANDISING | 6,403 | | | | | | |
| 670-690 | MEETING/ RECREATION | 11,189 | | (2,561) | | (456) | | |
| 710-715 | DATA PROCESSING/ COMP | 5,158 | (1,376) | | | | | |
| 720-770 | PHYSICAL PLANT | 24,497 | (320) | (719) | | | | |
| 800 | HEALTH SERVICES | 299 | | | | (299) | | |
| 900 | TOILET/ BATH | 0 | | | | | | |
| | ***TOTAL*** | **504,117** | **(4,411)** | **(12,899)** | **(2,184)** | **(4,455)** | | **(9,492)** |
| | | | | | | | 1625 SPACES | |
| | APPROXIMATE BLDG GSF | 638,663 | (7,100) | (19,069) | (2,400) | | | (12,897) |
| | BLDG CONSTRUCTION $/GSF | | $ 20 | $ 20 | $ 20 | | $ 15,000 | $ 20 |
| | BLDG CONSTRUCTION COST | | $ 142,000 | $ 381,380 | $ 48,000 | | $ 24,375,000 | $ 257,940 |
| | BLDG PROJECT COST $/GSF | | $ 28 | $ 28 | $ 28 | | $ 21,000 | $ 28 |
| | **BLDG PROJECT COST** | | **$ 198,800** | **$ 533,932** | **$ 67,200** | | **$ 34,125,000** | **$ 361,116** |
| | APPROXIMATE SITE SF | | | | | | 86,712 | |
| | SITE CONSTRUCTION $/SF | | | | | | $ 20 | |
| | SITE CONSTRUCTION COST | | | | | | $ 1,734,240 | |
| | SITE PROJECT COST $/SF | | | | | | $ 28 | |
| | **SITE PROJECT COST** | | | | | | **$ 2,427,936** | |
| | **TOTAL PROJECT COST** | | **$ 198,800** | **$ 533,932** | **$ 67,200** | | **$ 36,552,936** | **$ 361,116** |
| | ESCALATED PROJECT COST | | $ 241,643 | $ 648,998 | $ 81,682 | | $ 46,651,838 | $ 460,886 |

Student Personnel
EOPS/Foreign St
Health Services
to New St. Ctr

# APPENDIX H
# FACILITIES PROGRAM SUMMARY

## FACILITIES OUTLINE PROGRAM SUMMARY

**CAMPUS BUILD OUT**

**ROUGH ORDER OF MAGNITUDE DETAIL**

| SPACE CATEGORY | DESCRIPTION | CURRENT INVENTORY | 2013 NEW COSMETOLOGY | 2013 LOT E | 2013 NEW CAMPUS SAFETY/SECURITY | 2013 9 SAFETY/ SECURITY C - DEMO (MOVE TO NORTH HALL) | 2015 NEW M&0 | 2015 NEW WAREHOUSE |
|---|---|---|---|---|---|---|---|---|
| 0 | INACTIVE | 50,562 | | | | | | |
| 100 | CLASSROOM | 69,113 | 810 | | | | | |
| 210-230 | LABORATORY | 113,845 | | | | | | |
| 235-255 | NON-CLASS LABORATORY | 0 | | | | | | |
| 300 | OFFICE/ CONFERENCE | 62,763 | 1,010 | | | (550) | 1,600 | |
| 400 | LIBRARY | 50,783 | | | | | | |
| 510-515 | ARMORY/ ARMORY SERVICE | 0 | | | | | | |
| 520-525 | PHYS. ED. (INDOOR) | 54,426 | | | | | | |
| 530-535 | AV/TV | 6,108 | | | | | | |
| 540-555 | CLINIC/ DEMONSTRATION | 3,952 | 14,661 | | | | | |
| 580-590 | GREENHOUSE/ OTHER | 6,421 | | | | | | |
| 610-625 | ASSEMBLY/ EXHIBITION | 24,188 | | | | | | |
| 630-635 | FOOD SERVICE | 10,392 | | | | | | |
| 650-655 | LOUNGE/ LOUNGE SERVICE | 4,018 | 800 | | | | 200 | |
| 660-665 | MERCHANDISING | 6,403 | 300 | | | | | |
| 670-690 | MEETING/ RECREATION | 11,189 | 800 | | | | | |
| 710-715 | DATA PROCESSING/ COMP | 5,158 | | | | | | |
| 720-770 | PHYSICAL PLANT | 24,497 | | | | | 6,200 | 6,500 |
| 800 | HEALTH SERVICES | 299 | | | | | | |
| 900 | TOILET/ BATH | 0 | | | | | | |
| | ***TOTAL*** | **504,117** | **18,381** | | | **(550)** | **8,000** | **6,500** |
| | | | | 179 SPACES | 2200 | | | |
| | APPROXIMATE BLDG GSF | 638,663 | 28,278 | | 3,400 | (864) | 12,308 | 9,286 |
| | BLDG CONSTRUCTION $/GSF | | $ 450 | $ 2,000 | $ 350 | $ 20 | $ 235 | $ 235 |
| | BLDG CONSTRUCTION COST | | $ 12,725,308 | $ 358,000 | $ 770,000 | $ 17,280 | $ 2,892,308 | $ 2,182,143 |
| | BLDG PROJECT COST $/GSF | | $ 712 | $ 2,800 | $ 590 | $ 28 | $ 395 | $ 395 |
| | **BLDG PROJECT COST** | | **$ 20,134,265** | **$ 501,200** | **$ 2,006,000** | **$ 24,192** | **$ 4,861,538** | **$ 3,667,857** |
| | APPROXIMATE SITE SF | | 31,600 | 10,400 | 12,000 | | 25,850 | 25,850 |
| | SITE CONSTRUCTION $/SF | | $ 20 | $ 20 | $ 20 | | $ 20 | $ 20 |
| | SITE CONSTRUCTION COST | | $ 632,000 | $ 208,000 | $ 240,000 | | $ 517,000 | $ 517,000 |
| | SITE PROJECT COST $/SF | | $ 28 | $ 28 | $ 28 | | $ 28 | $ 28 |
| | **SITE PROJECT COST** | | **$ 884,800** | **$ 291,200** | **$ 336,000** | | **$ 723,800** | **$ 723,800** |
| | **TOTAL PROJECT COST** | | **$ 21,019,065** | **$ 792,400** | **$ 2,342,000** | **$ 24,192** | **$ 5,585,338** | **$ 4,391,657** |
| | ESCALATED PROJECT COST | | $ 26,826,245 | $ 1,011,326 | $ 2,989,051 | $ 30,876 | $ 7,859,132 | $ 6,179,503 |

# FACILITIES PROGRAM SUMMARY

## FACILITIES OUTLINE PROGRAM SUMMARY

**CAMPUS BUILD OUT**
**ROUGH ORDER OF MAGNITUDE DETAIL**

| SPACE CATEGORY | DESCRIPTION | CURRENT INVENTORY | 2015 4 MAINTENANCE SHOP - DEMO | 2015 5 MAINTENANCE PART SHOP - DEMO | 2015 LOT Y | 2015 16 MAIN WAREHOUSE - DEMO | 2015 25 WAREHOUSE ANNEX B - DEMO |
|---|---|---|---|---|---|---|---|
| 0 | INACTIVE | 50,562 | | | | | |
| 100 | CLASSROOM | 69,113 | | | | | |
| 210-230 | LABORATORY | 113,845 | | | | | |
| 235-255 | NON-CLASS LABORATORY | 0 | | | | | |
| 300 | OFFICE/ CONFERENCE | 62,763 | (1,301) | | | | (268) |
| 400 | LIBRARY | 50,783 | | | | | |
| 510-515 | ARMORY/ ARMORY SERVICE | 0 | | | | | |
| 520-525 | PHYS. ED. (INDOOR) | 54,426 | | | | | |
| 530-535 | AV/TV | 6,108 | | | | | |
| 540-555 | CLINIC/ DEMONSTRATION | 3,952 | | | | | |
| 580-590 | GREENHOUSE/ OTHER | 6,421 | | | | | |
| 610-625 | ASSEMBLY/ EXHIBITION | 24,188 | | | | | |
| 630-635 | FOOD SERVICE | 10,392 | | | | | |
| 650-655 | LOUNGE/ LOUNGE SERVICE | 4,018 | (200) | | | | |
| 660-665 | MERCHANDISING | 6,403 | | | | | |
| 670-690 | MEETING/ RECREATION | 11,189 | | | | | |
| 710-715 | DATA PROCESSING/ COMP | 5,158 | | | | | |
| 720-770 | PHYSICAL PLANT | 24,497 | (4,567) | (1,621) | | (3,090) | (2,595) |
| 800 | HEALTH SERVICES | 299 | | | | | |
| 900 | TOILET/ BATH | 0 | | | | | |
| | ***TOTAL*** | **504,117** | **(6,068)** | **(1,621)** | | **(3,090)** | **(2,863)** |
| | | | | | 100 SPACES | | |
| | APPROXIMATE BLDG GSF | 638,663 | (7,500) | (1,770) | | (6,800) | (3,100) |
| | BLDG CONSTRUCTION $/GSF | | $ 20 | $ 20 | $ 2,000 | $ 20 | $ 20 |
| | BLDG CONSTRUCTION COST | | $ 150,000 | $ 35,400 | $ 200,000 | $ 136,000 | $ 62,000 |
| | BLDG PROJECT COST $/GSF | | $ 28 | $ 28 | $ 2,800 | $ 28 | $ 28 |
| | **BLDG PROJECT COST** | | **$ 210,000** | **$ 49,560** | **$ 280,000** | **$ 190,400** | **$ 86,800** |
| | APPROXIMATE SITE SF | | | | 28,700 | | |
| | SITE CONSTRUCTION $/SF | | | | $ 20 | | |
| | SITE CONSTRUCTION COST | | | | $ 574,000 | | |
| | SITE PROJECT COST $/SF | | | | $ 28 | | |
| | **SITE PROJECT COST** | | | | **$ 803,600** | | |
| | **TOTAL PROJECT COST** | | **$ 210,000** | **$ 49,560** | **$ 1,083,600** | **$ 190,400** | **$ 86,800** |
| | ESCALATED PROJECT COST | | $ 295,491 | $ 69,736 | $ 1,524,734 | $ 267,912 | $ 122,136 |

# APPENDIX H
# FACILITIES PROGRAM SUMMARY

## FACILITIES OUTLINE PROGRAM SUMMARY

**CAMPUS BUILD OUT**

**ROUGH ORDER OF MAGNITUDE DETAIL**

| SPACE CATEGORY | DESCRIPTION | CURRENT INVENTORY | 2017 NEW APPLIED TECHNOLOGY CENTER (CULINARY NOT INCLUDED) | 2017 NEW AUTO TECH | 2017 7 TECH B - DEMO | 2017 SLOPE PARK | 2019 6 TECH A - OFFLINE | 2019 6 TECH A - RENO FOR ART/ CERAMICS |
|---|---|---|---|---|---|---|---|---|
| 0 | INACTIVE | 50,562 | | | | | | |
| 100 | CLASSROOM | 69,113 | 1,538 | 600 | (1,318) | | (2,537) | 1,352 |
| 210-230 | LABORATORY | 113,845 | 19,554 | 17,231 | (3,289) | | (8,206) | 6,366 |
| 235-255 | NON-CLASS LABORATORY | 0 | | | | | | |
| 300 | OFFICE/ CONFERENCE | 62,763 | 2,000 | | (2,579) | | (2,908) | 700 |
| 400 | LIBRARY | 50,783 | 600 | | | | | |
| 510-515 | ARMORY/ ARMORY SERVICE | 0 | | | | | | |
| 520-525 | PHYS. ED. (INDOOR) | 54,426 | | | | | | |
| 530-535 | AV/TV | 6,108 | 1,500 | | | | | |
| 540-555 | CLINIC/ DEMONSTRATION | 3,952 | | | | | | |
| 580-590 | GREENHOUSE/ OTHER | 6,421 | | | | | | |
| 610-625 | ASSEMBLY/ EXHIBITION | 24,188 | | | | | | 2,000 |
| 630-635 | FOOD SERVICE | 10,392 | | | | | | |
| 650-655 | LOUNGE/ LOUNGE SERVICE | 4,018 | 500 | | | | | |
| 660-665 | MERCHANDISING | 6,403 | | | | | | |
| 670-690 | MEETING/ RECREATION | 11,189 | 810 | | | | | 600 |
| 710-715 | DATA PROCESSING/ COMP | 5,158 | | | | | (120) | |
| 720-770 | PHYSICAL PLANT | 24,497 | | | (7,191) | | (228) | |
| 800 | HEALTH SERVICES | 299 | | | | | | |
| 900 | TOILET/ BATH | 0 | | | | | | |
| | ***TOTAL*** | **504,117** | **26,502** | **17,831** | **(14,377)** | | **(13,999)** | **11,018** |
| | APPROXIMATE BLDG GSF | 638,663 | 38,974 | 22,289 | (20,562) | | | 16,830 |
| | BLDG CONSTRUCTION $/GSF | | $ 440 | $ 440 | $ 20 | | | $ 300 |
| | BLDG CONSTRUCTION COST | | $ 17,148,353 | $ 9,807,050 | $ 411,240 | | | $ 5,049,000 |
| | BLDG PROJECT COST $/GSF | | $ 708 | $ 708 | $ 28 | | | $ 502 |
| | **BLDG PROJECT COST** | | **$ 27,593,259** | **$ 15,780,435** | **$ 575,736** | | | **$ 8,448,660** |
| | APPROXIMATE SITE SF | | 32,425 | 32,425 | | 31,000 | | 24,317 |
| | SITE CONSTRUCTION $/SF | | $ 20 | $ 20 | | $ 100 | | $ 20 |
| | SITE CONSTRUCTION COST | | $ 648,500 | $ 648,500 | | $ 3,100,000 | | $ 486,340 |
| | SITE PROJECT COST $/SF | | $ 28 | $ 28 | | $ 140 | | $ 28 |
| | **SITE PROJECT COST** | | **$ 907,900** | **$ 907,900** | | **$ 4,340,000** | | **$ 680,876** |
| | **TOTAL PROJECT COST** | | **$ 28,501,159** | **$ 16,688,335** | **$ 575,736** | **$ 4,340,000** | | **$ 9,129,536** |
| | ESCALATED PROJECT COST | | $ 44,214,652 | $ 25,889,085 | $ 893,156 | $ 6,732,764 | | $ 15,614,605 |

# FACILITIES PROGRAM SUMMARY

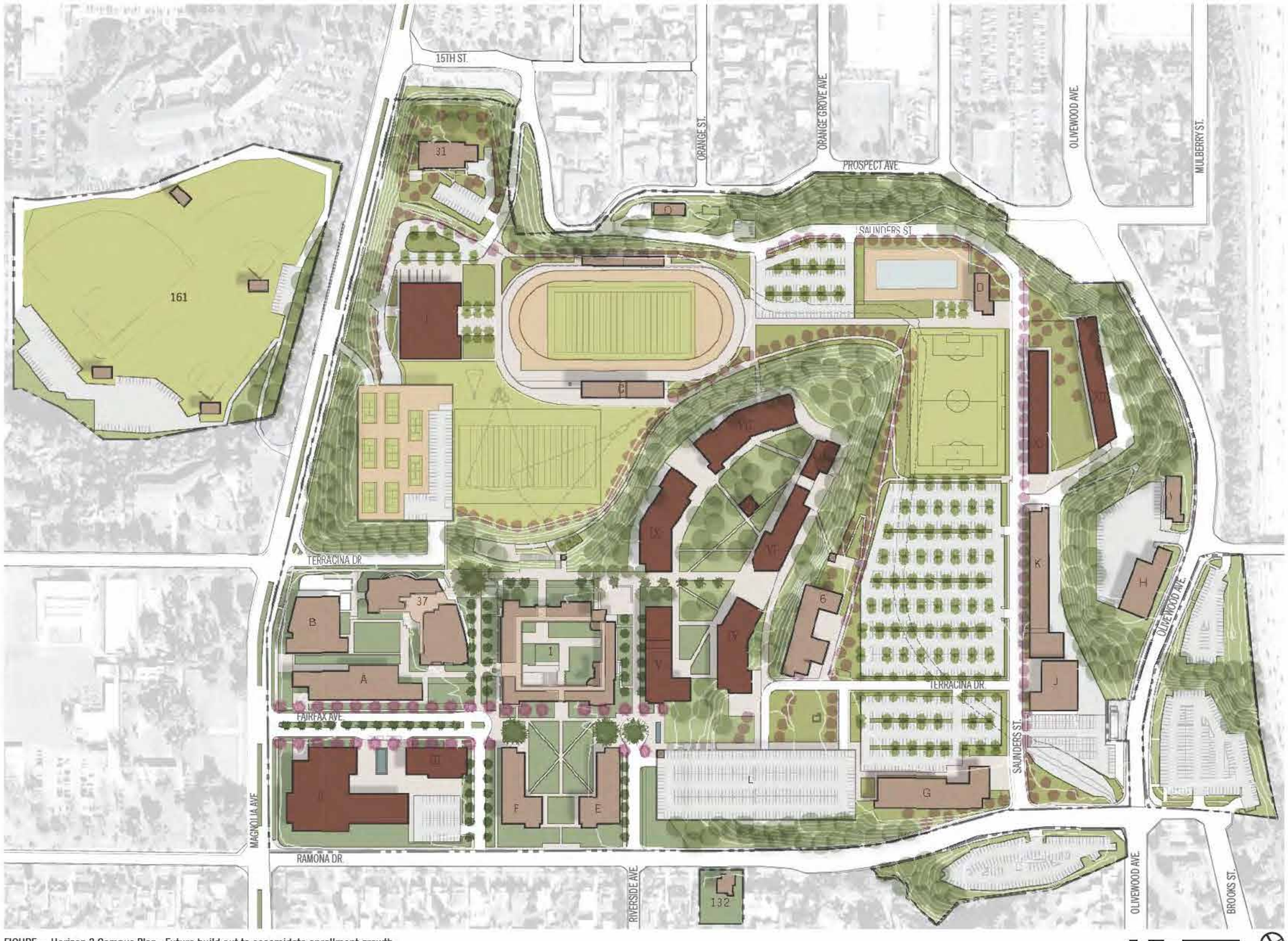
## FACILITIES OUTLINE PROGRAM SUMMARY

**CAMPUS BUILD OUT**
**ROUGH ORDER OF MAGNITUDE DETAIL**

| SPACE CATEGORY | DESCRIPTION | CURRENT INVENTORY | 2019 14 ART - DEMO | 2019 26 CERAMICS - DEMO | 2020 12 LANDIS - MUSIC ADDITION | 2020 13 MUSIC BUILDING - DEMO | SUBTOTAL | |
|---|---|---|---|---|---|---|---|---|
| 0 | INACTIVE | 50,562 | | | | | 50,357 | |
| 100 | CLASSROOM | 69,113 | | | | | 90,195 | |
| 210-230 | LABORATORY | 113,845 | (5,366) | (5,195) | 9,490 | (5,155) | 203,325 | |
| 235-255 | NON-CLASS LABORATORY | 0 | | | | | 0 | |
| 300 | OFFICE/ CONFERENCE | 62,763 | (582) | (53) | 1,000 | (984) | 79,646 | |
| 400 | LIBRARY | 50,783 | | | | | 59,411 | |
| 510-515 | ARMORY/ ARMORY SERVICE | 0 | | | | | 0 | |
| 520-525 | PHYS. ED. (INDOOR) | 54,426 | | | | | 54,426 | |
| 530-535 | AV/TV | 6,108 | | | | | 22,187 | |
| 540-555 | CLINIC/ DEMONSTRATION | 3,952 | | | | | 18,613 | |
| 580-590 | GREENHOUSE/ OTHER | 6,421 | | | | | 3,702 | |
| 610-625 | ASSEMBLY/ EXHIBITION | 24,188 | | | | | 34,219 | |
| 630-635 | FOOD SERVICE | 10,392 | | | | | 11,152 | |
| 650-655 | LOUNGE/ LOUNGE SERVICE | 4,018 | | | | | 6,026 | |
| 660-665 | MERCHANDISING | 6,403 | | | | | 7,903 | |
| 670-690 | MEETING/ RECREATION | 11,189 | | | | | 23,212 | |
| 710-715 | DATA PROCESSING/ COMP | 5,158 | | | | | 8,844 | |
| 720-770 | PHYSICAL PLANT | 24,497 | | | | | 23,241 | |
| 800 | HEALTH SERVICES | 299 | | | | | 1,200 | |
| 900 | TOILET/ BATH | 0 | | | | | 0 | |
| | ***TOTAL*** | **504,117** | **(5,948)** | **(5,248)** | **10,490** | **(6,139)** | **705,304** | * |
| | APPROXIMATE BLDG GSF | 638,663 | (7,953) | (8,717) | 16,138 | (9,553) | | |
| | BLDG CONSTRUCTION $/GSF | | $ 20 | $ 20 | $ 440 | $ 20 | | |
| | BLDG CONSTRUCTION COST | | $ 159,060 | $ 174,340 | $ 7,100,923 | $ 191,060 | | |
| | BLDG PROJECT COST $/GSF | | $ 28 | $ 28 | $ 708 | $ 28 | | |
| | **BLDG PROJECT COST** | | **$ 222,684** | **$ 244,076** | **$ 11,426,031** | **$ 267,484** | **$ 337,810,711** | |
| | APPROXIMATE SITE SF | | | | 18,100 | | | |
| | SITE CONSTRUCTION $/SF | | | | $ 20 | | | |
| | SITE CONSTRUCTION COST | | | | $ 362,000 | | | |
| | SITE PROJECT COST $/SF | | | | $ 28 | | | |
| | **SITE PROJECT COST** | | | | **$ 506,800** | | **$ 33,501,412** | |
| | **TOTAL PROJECT COST** | | **$ 222,684** | **$ 244,076** | **$ 11,932,831** | **$ 267,484** | **$ 371,312,123** | |
| | ESCALATED PROJECT COST | | $ 380,865 | $ 417,453 | $ 21,429,650 | $ 480,363 | **$ 478,326,855** | |

***NOTE** Subtotal includes on and off campus facilities, thus varies from the Educational Plan subtotal.

# HORIZON 2 - FACILITIES PLAN




## NEW BUILDINGS

| | |
|---|---|
| I | GYM |
| II | THEATER & ARTS |
| III | MUSIC |
| IV | STUDENT CENTER |
| V | ACADEMIC 1 |
| VI | ACADEMIC 2 |
| VII | ACADEMIC 3 |
| VIII | ACADEMIC 4 |
| IX | ACADEMIC 5 |
| X | PLANETARIUM |
| XI | HOUSING 1 / ACADEMIC |
| XII | HOUSING 2 / ACADEMIC |

## EXISTING BUILDINGS

| | |
|---|---|
| 1 | QUADRANGLE |
| 3 | DEMO - WHEELOCK |
| 6 | ART & CERAMIC |
| 12 | DEMO - LANDIS AUDITORIUM |
| 15 | DEMO - HUNTLEY GYM |
| 19 | DEMO - CUTTER POOL |
| 20 | DEMO - CLASSROOM / IT |
| 21 | DEMO - MLK HIGH TECH CENTER |
| 22 | DEMO - BUSINESS ED. |
| 23 | DEMO - PLANETARIUM |
| 24 | DEMO - STUDENT CENTER |
| 31 | CHILD DEVELOPMENT |
| 35 | DEMO - MUSIC HALL |
| 36 | DEMO - PILATES |
| 37 | DIGITAL LIBRARY |
| 132 | ALUMNI HOUSE |
| 161 | EVANS SPORTS BUILDINGS |

| | |
|---|---|
| A | NURSING & SCIENCES 1 |
| B | NURSING & SCIENCES 2 |
| C | STADIUM |
| D | AQUATICS COMPLEX |
| E | ADMINISTRATION |
| F | STUDENT SERVICES |
| G | COSMETOLOGY |
| H | M&O SHIPPING |
| I | M&O OFFICES |
| J | APPLIED TECH CENTER |
| K | AUTO TECHNOLOGY |
| L | PARKING STRUCTURE |
| M | DEMO - BAND BUILDING |
| N | DEMO - MUSIC / LANDIS ADD. |
| O | CAMPUS POLICE/SAFETY |

## LEGEND

- EXISTING BUILDINGS
- NEW BUILDINGS
- RENOVATION

FIGURE –. Horizon 2 Campus Plan - Future build out to accomidate enrollment growth

# BUILDINGS TO REMAIN


APPENDIX FIGURE I-2. Horizon 2 - Diagram identifying buildings to remain and be demolished

## LEGEND

RECOMMENDED DEMOLITION

## BUILDING LEGEND

| | |
|---|---|
| 1 | QUADRANGLE |
| 3 | WHEELOCK |
| 6 | ART & CERAMIC |
| 12 | LANDIS AUDITORIUM |
| 15 | HUNTLEY GYM |
| 19 | CUTTER POOL |
| 20 | CLASSROOM / IT |
| 21 | MLK HIGH TECH CENTER |
| 22 | BUSINESS ED. |
| 23 | PLANETARIUM |
| 24 | STUDENT CENTER |
| 31 | CHILD DEVELOPMENT |
| 35 | MUSIC HALL |
| 36 | PILATES |
| 37 | DIGITAL LIBRARY |
| 132 | ALUMNI HOUSE |
| 161 | EVANS SPORTS BUILDINGS |
| A | NURSING & SCIENCES 1 |
| B | NURSING & SCIENCES 2 |
| C | STADIUM |
| D | AQUATICS COMPLEX |
| E | ADMINISTRATION |
| F | STUDENT SERVICES |
| G | COSMETOLOGY |
| H | M&O SHIPPING |
| I | M&O OFFICES |
| J | APPLIED TECH CENTER |
| K | AUTO TECHNOLOGY |
| L | PARKING STRUCTURE |
| M | BAND BUILDING |
| N | MUSIC / LANDIS ADD. |
| O | CAMPUS POLICE/SAFETY |

0' 250' 500'

# APPENDIX I
# FACILITIES PLAN


APPENDIX FIGURE I-3. Horizon 2 - Campus Master Plan

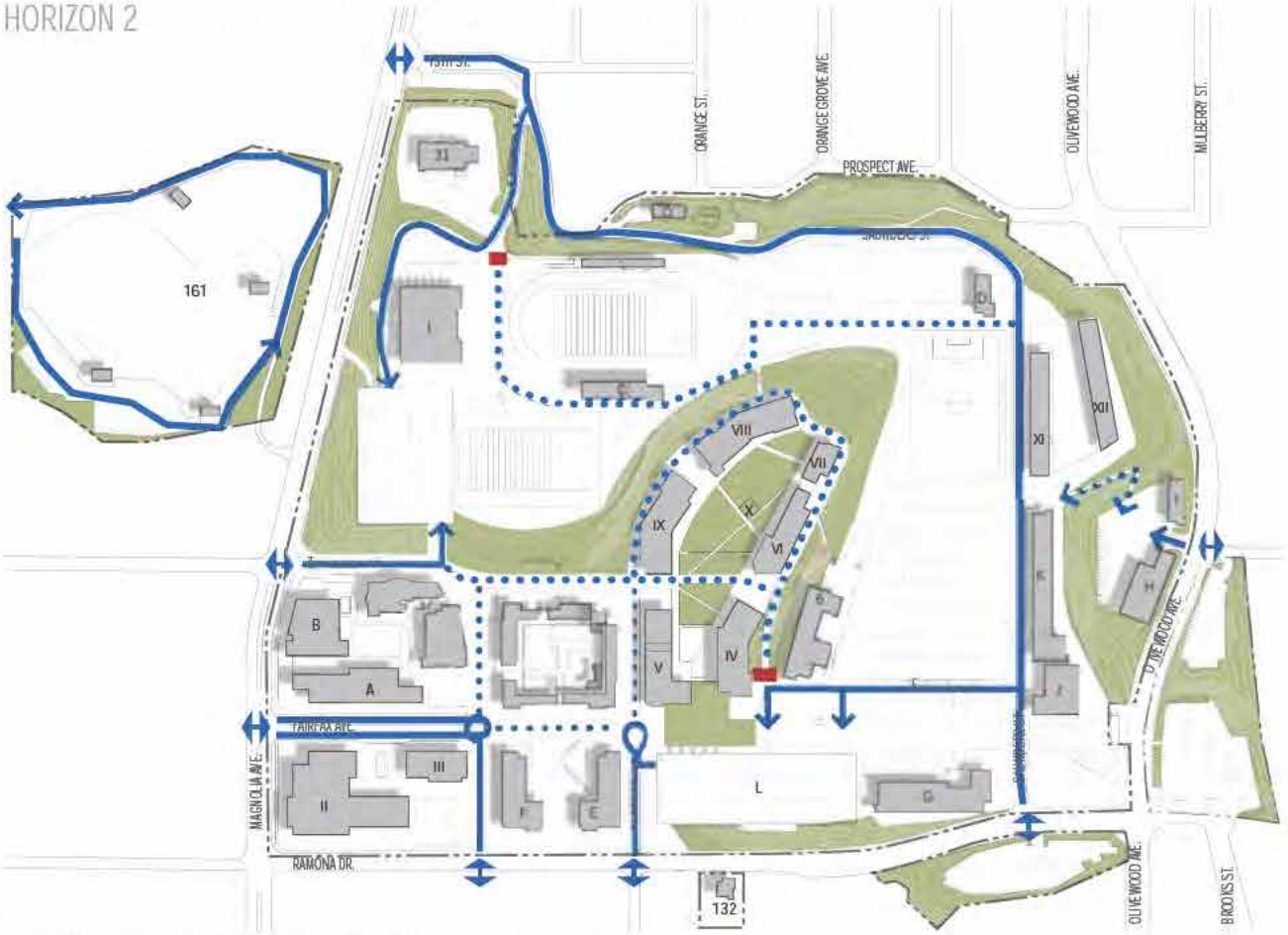
## HORIZON 2 BUILDINGS

| EXISTING | | NEW | |
|---|---|---|---|
| 1 | QUADRANGLE | I | GYM |
| 6 | ART & CERAMIC | II | THEATER & ARTS |
| 31 | CHILD DEVELOPMENT | III | MUSIC |
| 37 | DIGITAL LIBRARY | IV | STUDENT CENTER |
| 132 | ALUMNI HOUSE | V | ACADEMIC 1 |
| 161 | EVANS SPORTS BUILDINGS | VI | ACADEMIC 2 |
| A | NURSING & SCIENCES 1 | VII | ACADEMIC 3 |
| B | NURSING & SCIENCES 2 | VIII | ACADEMIC 4 |
| C | STADIUM | IX | ACADEMIC 5 |
| D | AQUATICS COMPLEX | X | PLANETARIUM |
| E | ADMINISTRATION | XI | HOUSING 1 / ACADEMIC |
| F | STUDENT SERVICES | XII | HOUSING 2 / ACADEMIC |
| G | COSMETOLOGY | | |
| H | M&O SHIPPING | | |
| I | M&O OFFICES | | |
| J | APPLIED TECH CENTER | | |
| K | AUTO TECHNOLOGY | | |
| L | PARKING STRUCTURE | | |
| O | CAMPUS POLICE/SAFETY | | |

0' 250' 500'

# VEHICULAR CIRCULATION

## HORIZON 2




APPENDIX FIGURE I-4. Horizon 2 - Vehicular and service circulation on campus

### LEGEND

- VEHICULAR
- SERVICE
- BARRIER
- CAMPUS ENTRY

### HORIZON 2 BUILDINGS

| EXISTING | | NEW | |
|---|---|---|---|
| 1 | QUADRANGLE | I | GYM |
| 6 | ART & CERAMIC | II | THEATER & ARTS |
| 31 | CHILD DEVELOPMENT | III | MUSIC |
| 37 | DIGITAL LIBRARY | IV | STUDENT CENTER |
| 132 | ALUMNI HOUSE | V | ACADEMIC 1 |
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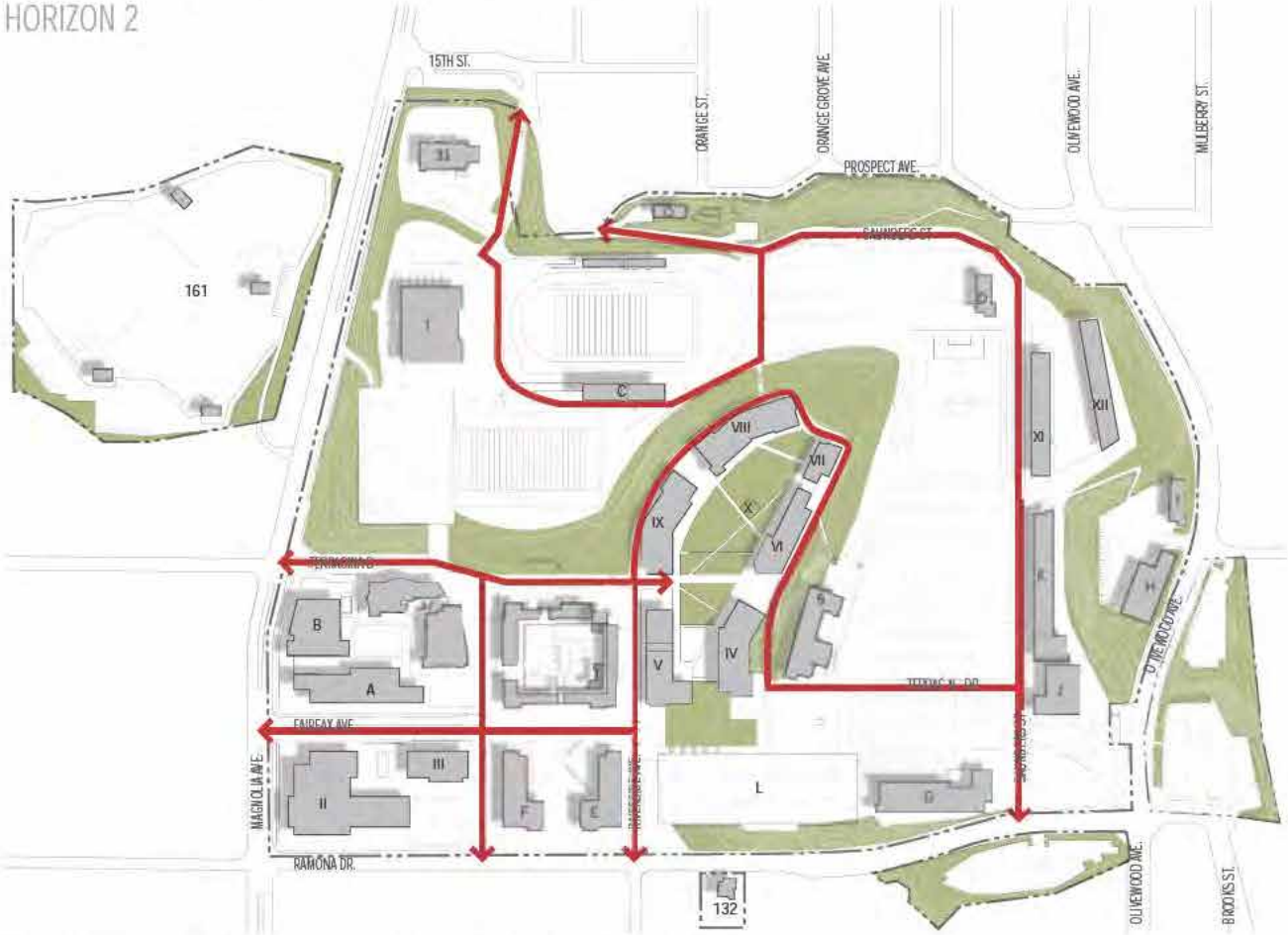
| E | ADMINISTRATION | XI | HOUSING 1 / ACADEMIC |
| F | STUDENT SERVICES | XII | HOUSING 2 / ACADEMIC |
| G | COSMETOLOGY | | |
| H | M&O SHIPPING | | |
| I | M&O OFFICES | | |
| J | APPLIED TECH CENTER | | |
| K | AUTO TECHNOLOGY | | |
| L | PARKING STRUCTURE | | |
| O | CAMPUS POLICE/SAFETY | | |

0' 250' 500'

# APPENDIX I
# EMERGENCY ACCESS

## HORIZON 2




APPENDIX FIGURE I-5. Horizon 2 - Primary and secondary access for emergency vehicles

## LEGEND

EMERGENCY ACCESS

## HORIZON 2 BUILDINGS

| EXISTING | | NEW | |
|---|---|---|---|
| 1 | QUADRANGLE | I | GYM |
| 6 | ART & CERAMIC | II | THEATER & ARTS |
| 31 | CHILD DEVELOPMENT | III | MUSIC |
| 37 | DIGITAL LIBRARY | IV | STUDENT CENTER |
| 132 | ALUMNI HOUSE | V | ACADEMIC 1 |
| 161 | EVANS SPORTS BUILDINGS | VI | ACADEMIC 2 |
| A | NURSING & SCIENCES 1 | VII | ACADEMIC 3 |
| B | NURSING & SCIENCES 2 | VIII | ACADEMIC 4 |
| C | STADIUM | IX | ACADEMIC 5 |
| D | AQUATICS COMPLEX | X | PLANETARIUM |
| E | ADMINISTRATION | XI | HOUSING 1 / ACADEMIC |
| F | STUDENT SERVICES | XII | HOUSING 2 / ACADEMIC |
| G | COSMETOLOGY | | |
| H | M&O SHIPPING | | |
| I | M&O OFFICES | | |
| J | APPLIED TECH CENTER | | |
| K | AUTO TECHNOLOGY | | |
| L | PARKING STRUCTURE | | |
| O | CAMPUS POLICE/SAFETY | | |

0' 250' 500'

# PARKING

## HORIZON 2


APPENDIX FIGURE I-6. Horizon 2 - Parking Garage and Surface Parking

## LEGEND

EXISTING LOT

NEW LOT

FUTURE PARKING STRUCTURE**

PARKING SPACES SHOWN: 4,387*

*Total required parking spaces are dependent upon campus enrollment and relevant student to vehicle ratio. Enrollment projection is not provided for this horizon so required parking count would need to be confirmed.

**With full build out of the campus, a third parking structure will be required or the college will have to consider off campus parking areas with a shuttle system to navigate between.

If a parking structure is built in Lot U, the college requests the study of a pedestrian bridge over Olivewood Street to protect students crossing the busy intersection.

0' 250' 500'

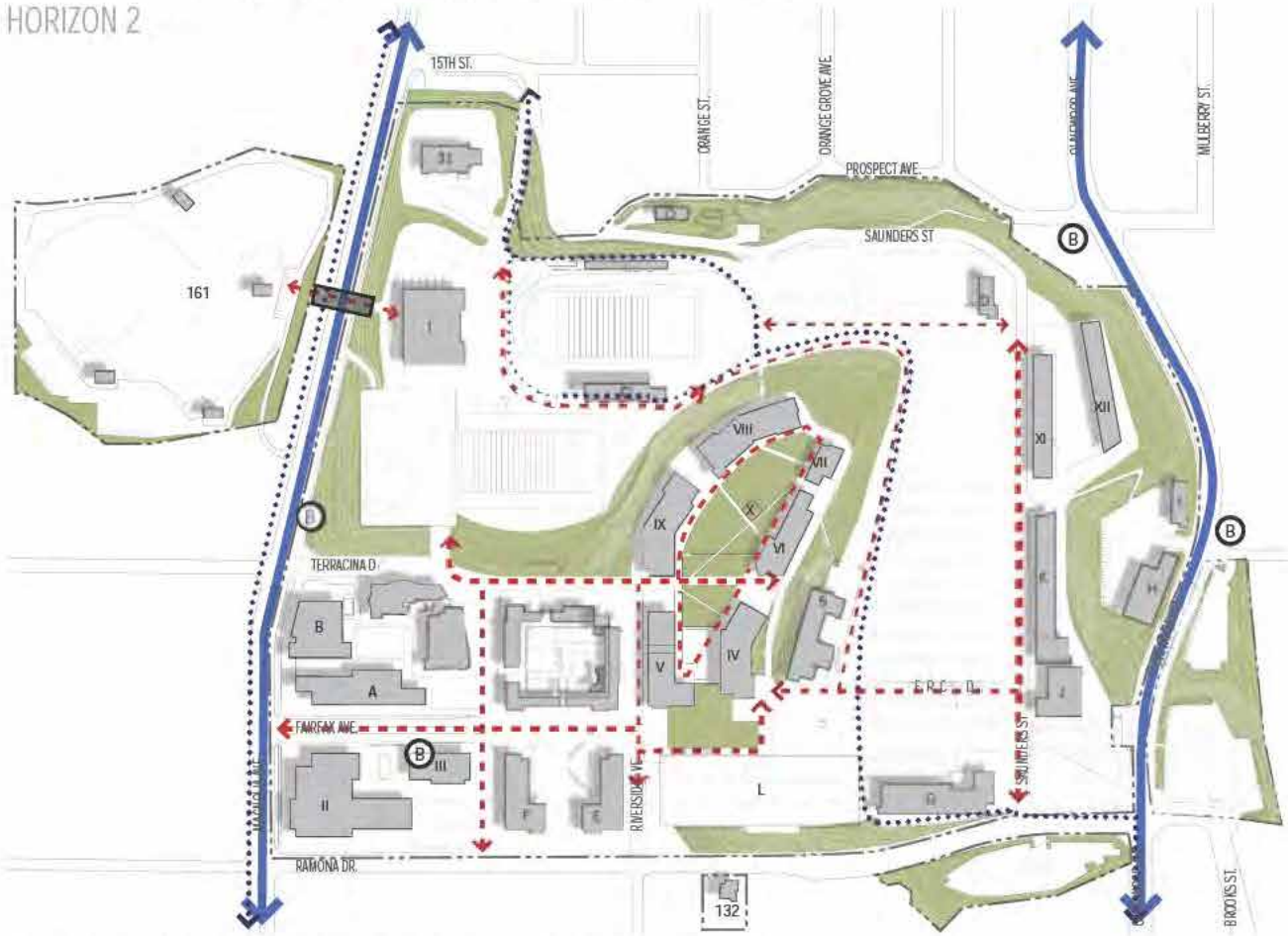
## HORIZON 2 PARKING

| | | |
|---|---|---|
| LOT B | EXISTING | 369 |
| LOT M | EXISTING | 26 |
| LOT N | EXISTING | 63 |
| LOT O | EXISTING | 8 |
| LOT Q | EXISTING | 130 |
| LOT U | EXISTING | 171 |
| LOT W | EXISTING | 9 |
| EVANS | EXISTING | 161 |
| LOT E | RENO. | 179 |
| LOT G | RENO. | 535 |
| LOT K | RENO. | 34 |
| LOT Y | RENO. | 100 |
| STRUCTURE 2 | NEW | 1105 |
| LOT AA | NEW | 53 |
| AUTO STORAGE | NEW | 80 |
| M&O STORAGE | NEW | 35 |

SEE APPENDIX D FOR PARKING SEQUENCE STUDY AND CORRESPONDING IMPACTS

# APPENDIX I
# PEDESTRIAN CIRCULATION

## HORIZON 2




APPENDIX FIGURE I-7. Horizon 2 - Primary and secondary access for emergency vehicles

## LEGEND

- PEDESTRIAN
- TUNNEL
- Ⓑ BUS STOP
- BUS ROUTE
- BICYCLE LANE

0' 250' 500'

## HORIZON 2 BUILDINGS

| EXISTING | | NEW | |
|---|---|---|---|
| 1 | QUADRANGLE | I | GYM |
| 6 | ART & CERAMIC | II | THEATER & ARTS |
| 31 | CHILD DEVELOPMENT | III | MUSIC |
| 37 | DIGITAL LIBRARY | IV | STUDENT CENTER |
| 132 | ALUMNI HOUSE | V | ACADEMIC 1 |
| 161 | EVANS SPORTS BUILDINGS | VI | ACADEMIC 2 |
| A | NURSING & SCIENCES 1 | VII | ACADEMIC 3 |
| B | NURSING & SCIENCES 2 | VIII | ACADEMIC 4 |
| C | STADIUM | IX | ACADEMIC 5 |
| D | AQUATICS COMPLEX | X | PLANETARIUM |
| E | ADMINISTRATION | XI | HOUSING 1 / ACADEMIC |
| F | STUDENT SERVICES | XII | HOUSING 2 / ACADEMIC |
| G | COSMETOLOGY | | |
| H | M&O SHIPPING | | |
| I | M&O OFFICES | | |
| J | APPLIED TECH CENTER | | |
| K | AUTO TECHNOLOGY | | |
| L | PARKING STRUCTURE | | |
| O | CAMPUS POLICE/SAFETY | | |

# OPEN SPACES

## HORIZON 2


APPENDIX FIGURE I-8. Horizon 2 - The Promenade, The Lawn, and Interpretive Walk

### LEGEND

- SLOPESCAPE
- QUAD
- PLAZA
- PROMENADE
- RIPARIAN

0' 250' 500'

### HORIZON 2 BUILDINGS

| EXISTING | | NEW | |
|---|---|---|---|
| 1 | QUADRANGLE | I | GYM |
| 6 | ART & CERAMIC | II | THEATER & ARTS |
| 31 | CHILD DEVELOPMENT | III | MUSIC |
| 37 | DIGITAL LIBRARY | IV | STUDENT CENTER |
| 132 | ALUMNI HOUSE | V | ACADEMIC 1 |
| 161 | EVANS SPORTS BUILDINGS | VI | ACADEMIC 2 |
| A | NURSING & SCIENCES 1 | VII | ACADEMIC 3 |
| B | NURSING & SCIENCES 2 | VIII | ACADEMIC 4 |
| C | STADIUM | IX | ACADEMIC 5 |
| D | AQUATICS COMPLEX | X | PLANETARIUM |
| E | ADMINISTRATION | XI | HOUSING 1 / ACADEMIC |
| F | STUDENT SERVICES | XII | HOUSING 2 / ACADEMIC |
| G | COSMETOLOGY | | |
| H | M&O SHIPPING | | |
| I | M&O OFFICES | | |
| J | APPLIED TECH CENTER | | |
| K | AUTO TECHNOLOGY | | |
| L | PARKING STRUCTURE | | |
| O | CAMPUS POLICE/SAFETY | | |

# APPENDIX I
# CAMPUS PUBLIC SPACE

## HORIZON 2


APPENDIX FIGURE I-89 Horizon 2 - Campus spaces accessible to the academic and public community

## LEGEND

CAMPUS PUBLIC SPACE

## HORIZON 2 BUILDINGS

| EXISTING | | NEW | |
|---|---|---|---|
| 1 | QUADRANGLE | I | GYM |
| 6 | ART & CERAMIC | II | THEATER & ARTS |
| 31 | CHILD DEVELOPMENT | III | MUSIC |
| 37 | DIGITAL LIBRARY | IV | STUDENT CENTER |
| 132 | ALUMNI HOUSE | V | ACADEMIC 1 |
| 161 | EVANS SPORTS BUILDINGS | VI | ACADEMIC 2 |
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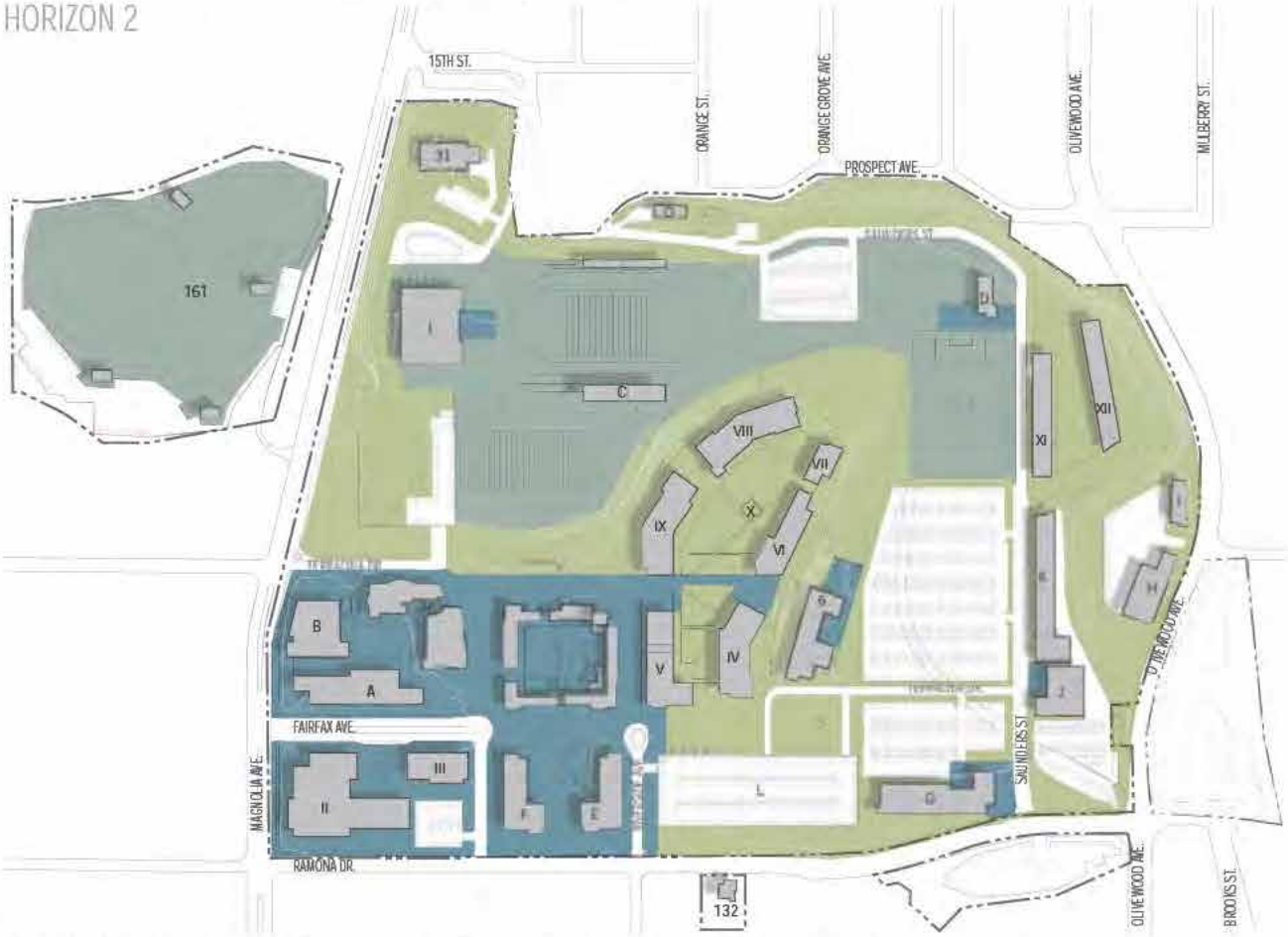
| C | STADIUM | IX | ACADEMIC 5 |
| D | AQUATICS COMPLEX | X | PLANETARIUM |
| E | ADMINISTRATION | XI | HOUSING 1 / ACADEMIC |
| F | STUDENT SERVICES | XII | HOUSING 2 / ACADEMIC |
| G | COSMETOLOGY | | |
| H | M&O SHIPPING | | |
| I | M&O OFFICES | | |
| J | APPLIED TECH CENTER | | |
| K | AUTO TECHNOLOGY | | |
| L | PARKING STRUCTURE | | |
| O | CAMPUS POLICE/SAFETY | | |

0' 250' 500'

# LANDSCAPE ELEMENTS

## HORIZON 2




APPENDIX FIGURE I-10. Horizon 2 - Location of planting types that contribute to a formal, informal or recreational campus identity

## LEGEND

- FORMAL
- TRANSITIONAL
- RECREATION AREAS

FORMAL - Around center of campus, quantity of site furnishings increases

TRANSITIONAL - Areas outside center of campus, quantity of site furnishings decreases

RECREATION - Site furnishings cater to activities- such as picnic tables and lighting for sports events at night

0' 250' 500'

## HORIZON 2 BUILDINGS

| EXISTING | | NEW | |
|---|---|---|---|
| 1 | QUADRANGLE | I | GYM |
| 6 | ART & CERAMIC | II | THEATER & ARTS |
| 31 | CHILD DEVELOPMENT | III | MUSIC |
| 37 | DIGITAL LIBRARY | IV | STUDENT CENTER |
| 132 | ALUMNI HOUSE | V | ACADEMIC 1 |
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| D | AQUATICS COMPLEX | X | PLANETARIUM |
| E | ADMINISTRATION | XI | HOUSING 1 / ACADEMIC |
| F | STUDENT SERVICES | XII | HOUSING 2 / ACADEMIC |
| G | COSMETOLOGY | | |
| H | M&O SHIPPING | | |
| I | M&O OFFICES | | |
| J | APPLIED TECH CENTER | | |
| K | AUTO TECHNOLOGY | | |
| L | PARKING STRUCTURE | | |
| O | CAMPUS POLICE/SAFETY | | |

# APPENDIX I
# HARDSCAPE

## HORIZON 2


APPENDIX FIGURE I-11. Horizon 2 - Heat Island diagram identifying campus zones which contribute to an excess of radiated heat

## LEGEND

EXPOSED ASPHALT & CONCRETE - RADIATED HEAT

TREE COVERAGE - ABSORBED LIGHT

Exposed asphalt and concrete shown above diagrams the ratio of hardscape to campus area. The orange illustrates constructed surfaces able to retain solar radiation contributing to a Heat Island effect. This phenomenon describes the difference of an urban temperature ranging from 2 to 10°F hotter than nearby rural areas. Elevated temperatures can impact the campus through increased energy demands, air conditioning costs and heat-related illness. A few methods to midigate these impacts include installation of cool or vegetated green roofs, planting trees and vegetation, switching to cool hardscape materials.

For more information see Section 4, Sustainability guidelines and www.epa.gov/heatisland.

0' 250' 500'

## HORIZON 2 BUILDINGS

| EXISTING | | NEW | |
|---|---|---|---|
| 1 | QUADRANGLE | I | GYM |
| 6 | ART & CERAMIC | II | THEATER & ARTS |
| 31 | CHILD DEVELOPMENT | III | MUSIC |
| 37 | DIGITAL LIBRARY | IV | STUDENT CENTER |
| 132 | ALUMNI HOUSE | V | ACADEMIC 1 |
| 161 | EVANS SPORTS BUILDINGS | VI | ACADEMIC 2 |
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| B | NURSING & SCIENCES 2 | VIII | ACADEMIC 4 |
| C | STADIUM | IX | ACADEMIC 5 |
| D | AQUATICS COMPLEX | X | PLANETARIUM |
| E | ADMINISTRATION | XI | HOUSING 1 / ACADEMIC |
| F | STUDENT SERVICES | XII | HOUSING 2 / ACADEMIC |
| G | COSMETOLOGY | | |
| H | M&O SHIPPING | | |
| I | M&O OFFICES | | |
| J | APPLIED TECH CENTER | | |
| K | AUTO TECHNOLOGY | | |
| L | PARKING STRUCTURE | | |
| O | CAMPUS POLICE/SAFETY | | |

# HORIZON 2 - LANDSCAPE PLAN


APPENDIX FIGURE I-1. Horizon 2 - Campus Plan