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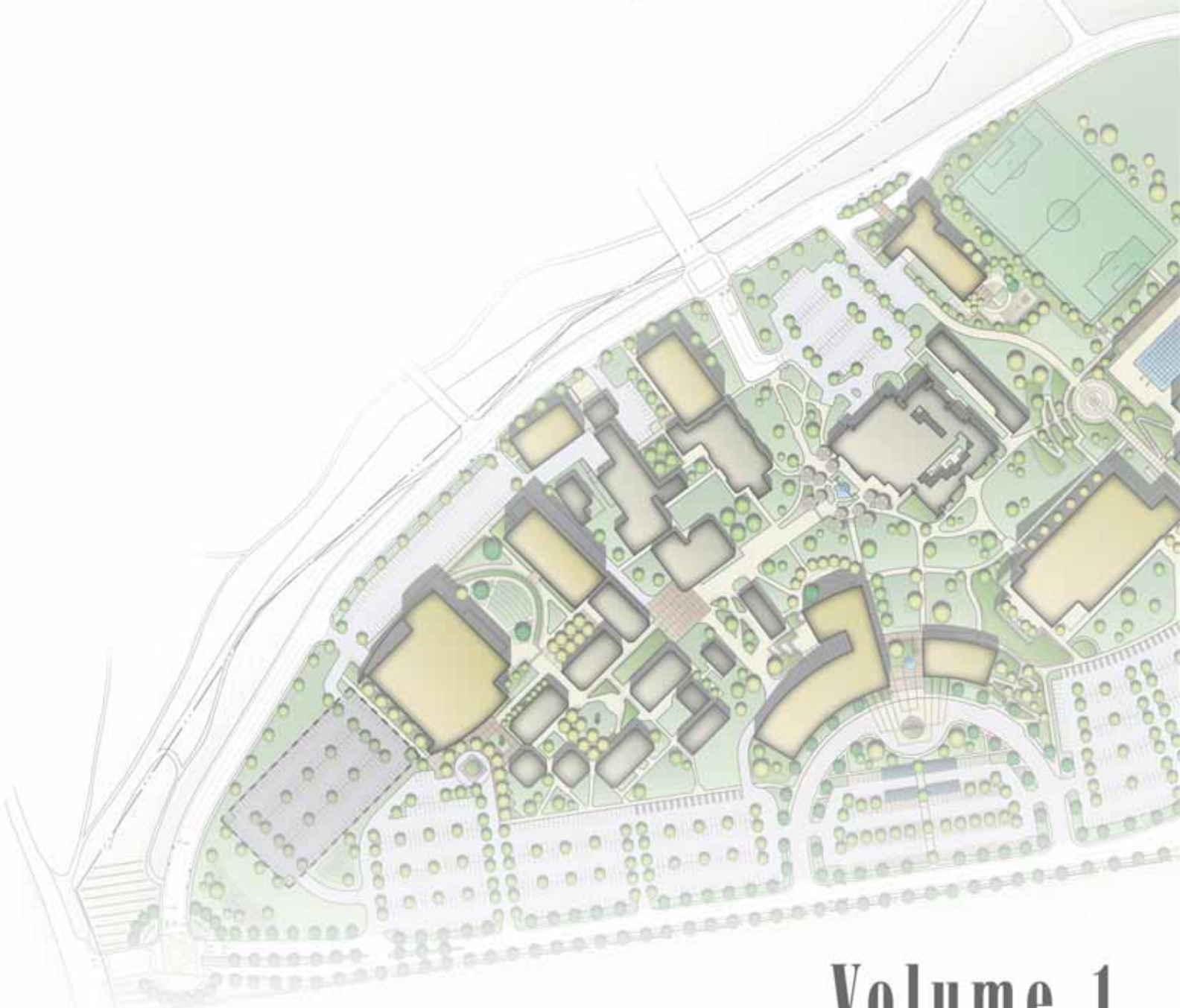
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# Chabot-Las Positas Community College District



## Las Positas College Facilities Development Plan

**LPA**



May 2005

# Volume 1

# **CHABOT-LAS POSITAS COMMUNITY COLLEGE DISTRICT Las Positas College Facilities Development Plan**

**May 2005**

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## **VOLUME 1**



*Office of the President*

Las Positas College is a true "pearl" in the California Community College system. We recently celebrated our 30<sup>th</sup> anniversary of serving the Tri-Valley area. Since 1975, Las Positas College has provided the citizens of our community the very best instruction in preparation for transfer to a four-year institution or for entry into the workforce. This year, the College serves more than 8,000 students in their academic endeavors.

The citizens of the community have always provided tremendous support to the College as evidenced by their passage of the Measure B facilities bond in March, 2004. With the success of the bond, which will provide \$217 million for new and improved facilities and equipment for the campus, the College will be able to meet the increasing enrollment demands of the area. By 2015, Las Positas College anticipates almost doubling the number of students we serve.

This Facilities Development Plan is the result of many months of work by faculty, staff, students and community members. The Facilities Development Task Force was formed in August 2004 and worked tirelessly throughout the academic year to formulate a plan consistent with the Educational Master Plan, which was being revised simultaneous to the facilities development effort. Both of these plans seek to respond to the future growth and instructional needs of our community. Both of these planning processes engaged people "to dream, to design, and to deliver".

The Task Force, our faculty, staff, students, and community members who participated in this planning effort are to be commended, as are the teams of architectural, engineering, and project management professionals who assisted in this work. Thanks also must go to the Chancellor, District Office staff, and the Board of Trustees for their support in this process. We greatly appreciate the creative thinking, the detailed research and the countless hours of all those involved.

Most importantly, our gratitude and thanks go to the citizens of the Tri-Valley area for their commitment in making this dream come true. We believe that the resources they have provided to the College will be used wisely and prudently, and that this facilities plan --- a culmination of dreams and designs --- is the pathway to student success. And now, throughout the next decade and for years to come, we will be able to continue delivering educational excellence to our community!

On behalf of those involved in this important planning document, I am pleased to invite you to read and learn more about the future of Las Positas College.

Karen E. Halliday  
President

---

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**VOLUME ONE**

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## I. INTRODUCTION

### Purpose

Las Positas College has an incredible opportunity to create a unique place of learning on an existing campus. Since first opening its doors at the Livermore site in 1975 the campus has grown to accommodate 8,100 day and evening students on a 147-acre site. The recently passed Measure B Bond will provide \$217,324,645 for modernization of existing infrastructure and campus expansion.



The challenge and opportunity for the master plan is to generate a road map that balances forward thinking and flexibility. A good master planning team recognizes that its work product is a "living document" that will serve the college best by addressing the campus history, context, program, and facility needs for years to come. If structured properly, the document will tell a story that provides timeless clues that assist in making timely decisions.

The Chabot-Las Positas Community College District has assembled a team of educators, administrators, architects, and engineers to insure that to the greatest extent possible, all constituencies are represented in the end product - a written document that will be a guide as future monies are applied toward the development of facilities, renovations, and site improvements.

### Las Positas College Goals & Objectives / Guiding Principles for Site / Master Planning

Through the master planning process, representatives from Chabot-Las Positas Community College District, Las Positas College, and LPA have endeavored to design a site plan and prepare written guidelines for the future development of the Las Positas College campus that accomplish the following objectives:

- The LPC campus will be a "destination" where students, faculty, and the community enjoy the process of learning, teaching, communicating, and interacting in an educational environment.
- The LPC campus will be conveniently and intuitively accessible for pedestrians and vehicles through the design of roads and pathways on and around the campus. Supporting parking and drop-off will be positioned for proximity to educational facilities. Separation of vehicles from pedestrians will be designed for safety.
- The LPC campus will be visible from surrounding areas and consist of attractive, cost-effective structures that will endure the test of time. Landscaping will be designed for effective maintenance, and indigenous specimens will address local climate and provide learning opportunities through their selection and placement.
- Outdoor learning spaces and facilities will be planned for safety, adequate lighting, flexibility, and zoning that address varied use. Building massing and planting plans will maximize vistas and views of surrounding topography, and provide opportunities for the display of temporary and permanent art and sculpture.
- Campus zoning of structures and spaces will encourage intuitive way-finding and a clear definition of a campus "front door." Placement and organization of buildings and supporting spaces will address infrastructure and service requirements.
- Technology will be supported through design of forward thinking and redundant infrastructure (spare conduit, etc.) to leverage current learning technology, voice and data communication, and fixtures, furnishings, and equipment that will facilitate learning as technology changes.
- Sustainable strategies and principles of Universal Design will be incorporated into site and buildings to address the varying needs of the users, and minimize the need for maintenance and dependence on energy.

## II. EXECUTIVE SUMMARY

The Facilities Master Plan is a plan that is supported by research and forward thinking. The LPC site is located in Livermore California once home to an agrarian lifestyle but today is part of California's fastest-growing business and scientific industry. LPC is currently bordered by new commercial and residential developments and picturesque rolling hills. As the community continues to grow, access to the LPC site will change to accommodate more residential development to the south and take advantage of a new freeway interchange at Isabel Road and Interstate 580 providing a direct connection to the campus. This extension of Isabel and the existing entry road will deliver vehicular and pedestrian traffic to the existing loop road that currently surrounds the campus structures.

The resulting solution that effectively arranges building, parking, and open space on the LPC campus could be simply described as a campus hub, supported on its perimeter by circulation, access, service, athletics and open space.

Changes in grade are addressed by placement of buildings, fields, roads, and various outdoor spaces to work with the natural slopes and grade changes to maintain the campus's naturalistic setting and to promote a more sustainable planning solution.

As the area around the campus grows the LPC campus will become the heart of the local community. A symbiotic relationship exists between the campus and the community it serves. LPC desires to be a good neighbor, and demonstrate a respect for the environment and a desire to build timeless, efficient, durable, attractive facilities- reflecting an understanding of the role the College will play in lives of many for years to come.

### Design Criteria

The following design criteria were established as organizing issues to be addressed as the plan took form.

#### Goals

- Campus sustainability
- Superior teaching and learning environments
- Responsible use of resources
- Life cycle cost
- LEED silver certification equivalent
- Low Maintenance and operating cost
- Sensible use of renewable energy

- Building forms and landscape to influence campus
- Enhance quality of student life
- Safe campus
- Functional campus

#### Ideas Concepts and Principals

- Minimize storm water run off
- Minimize Light Pollution
- Utilize/promote alternative transportation
- Reduction of heat island effect
- Acoustical separation and control
- Indoor environmental quality
- Interactive pedestrian campus
- Campus entrance identification
- Limited and well defined community use areas
- Exterior social spaces
- Integration of building/spaces with natural environment
- Adjacency of similar functions
- Flexible use
- Integration of technology

The resulting site plan addresses the site's use, surroundings, access, and topography and provides flexibility for future growth.



Facilities Development Plan Illustrative