OCTOBER 2007

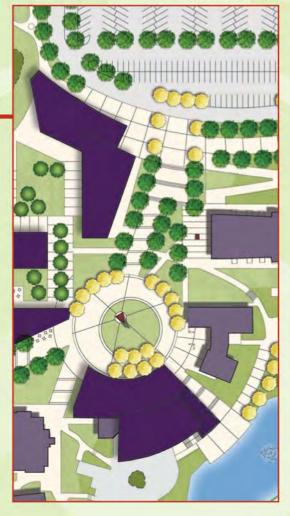
# DIABLO VALLEY COLLEGE

CONTRA COSTA COMMUNITY COLLEGE DISTRICT

# 2007 Facilities Master Plan

Extended through 2022

**tBP**/Architecture









#### April, 2020

#### CONTRA COSTA COMMUNITY COLLEGE DISTRICT

#### **DIABLO VALLEY COLLEGE 2008 FACILITIES MASTER PLAN**

#### **APRIL 2020 ADDENDUM:**

Diablo Valley College 2008 Facilities Master Plan (FMP) was developed to guide and look forward 15-20 years and it was designed to be flexible and subject to adjustments. Recognizing that not all recommended capital improvements can take place at the same time, the FMP was developed with five phases of implementation over the approximate life of the plan. As part of planning for the Measure E bond, the college reviewed projects in the Facilities master plan for their needs and adjusted the phasing priorities in light of changes that were encountered since 2007. In 2013, the District and College leadership discussions informed the decision to utilize 2007 Facilities Master Plan as a basis of future capital improvement planning with input from Colleges on priorities. Additional analysis and discussions led to completion of the 2016 Measure E Implementation Plan for each college and formed the basis of the Measure E bond program.

Projects identified in DVC's FMP are currently still in the process of being implemented as part of the District's remaining 2006 Measure A and 2014 Measure E bond program. As the FMP was developed with multiple phases of implementation over the duration of the plan, the 2006 Measure A capital improvement program helped build out the first planning phase. The 2014 Measure E capital improvement program is focused on execution of later planning phases of the campus plan. The results of these capital improvements programs have begun to remarkably change and transform DVC. These improvements will continue over the next several years under the 2014 Measure E bond.

In order to align DVC's FMP planning horizon with the current and future projects under the 2014 Measure E bond implementation timeline, DVC FMP planning horizon is extended in this addendum from 2017 to 2022. Facilities new master planning efforts will be underway in 2020 through 2021 as DVC's updated Facilities Master Plan will respond to the college's updated Educational Master Plan. The expected planning horizon of the upcoming updated Facilities Master Plan is ten to fifteen years.

This addendum was reviewed and approved at the Chancellor's Cabinet meeting in April, 2020.



#### DIABLO VALLEY COLLEGE

#### 2007 FACILITIES MASTER PLAN

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#### FACILITIES MASTER PLAN

















The Facilities Master Plan for Diablo Valley College presents a model that is based on the College's Educational Master Plan and addresses the current and projected needs through the year 2017. The Facilities Master Plan goals were developed at the initial planning meetings with the college.

- · Welcome the community
- · Improve campus wayfinding
- Create opportunities for synergy
- Develop innovative learning environments
- Create communities of learning
- Improve faculty-faculty and faculty-student interaction
- Create informal gathering and study spaces
- Maximize and share resources
- Renovate or replace older facilities
- Improve the use/ identify best fit for facilities
- · Improve parking and circulation
- Improve disabled access on campus
- Create a pedestrian campus
- Maximize land use
- Coordinate the campus experience
- Incorporate sustainable LEED ® design principles and incorporate steps to seek carbon neutrality in building operations
- Highlight and integrate the history of the campus
- Design instructional buildings to maintain the academic integrity of the instructional programs
- Define academic and program areas to assist in wayfinding and educational identity

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Supporting Documents

Diablo Valley College Educational Master Plan,
Spring 2007

I want to congratulate the Diablo Valley College community for their work, vision, and collaboration in completing this Facilities Master Plan in a timely, efficient, and collegial manner. This document, based upon our Educational Master Plan, represents the continuing work of our constituent groups and is a milestone in our planning and decision making processes.

The long term (ten year) view of DVC taken in this plan incorporates a bringing together of the old and new. The new construction and the renovation and site improvement projects are strategically positioned in a wholistic way creating a clear front door strengthening the connection between the college and the communities we serve.

We are especially pleased that the vision of this work has incorporated Governor Schwarzenegger's recent Executive Order to build environmentally responsible facilities using the LEED® Green Building Rating System™. It is our hope that Diablo Valley College and the entire Contra Costa Community College District will also incorporate steps to seek carbon neutrality in all our building operations. In this way we will be making a commitment to insure not only a beautiful college campus, but also an environmentally sustainable future for the faculty and staff who will work here and the generations of students who will enter our doors.

Judy E. Walters, Ph.D. October 2007

## COLLEGE VISION, PHILOSOPHY & MISSION

#### **VISION STATEMENT**

Diablo Valley College will continuously evolve as a learning-centered institution committed to the community it serves, to the development of our students as responsible citizens of the world, and to the positive transformation of student lives.

#### Statement of Values

Diablo Valley College is committed to the following core values:

**Learning** - the growth, development and goal achievement of all students, staff and faculty.

**Equity** - the promotion and enhancement of opportunities for equal success for all groups of students regardless of their backgrounds or cultures.

**Excellence** - the pursuit of the highest standards for our students and for the institution as a whole.

**Creativity** - the encouragement of imagination and innovation in support of student and institutional progress.

**Diversity** - a sincere respect for differences among perspectives, ideas, peoples and cultures.

**Integrity** - the responsibility to both teach and model the rigorous pursuit of truth and self-knowledge.

**Responsiveness** - effective response to the needs of our students and our community.

**Collaboration** - a team effort to earn and develop trust, respect, and appreciation for the contributions of all persons.

**Communication** - the exchange of ideas and information freely, with candor, honest and respect.

**Academic Freedom** - the free exploration of ideas and perspectives by all members of the community and the responsibility inherent in us by the community.

**Stewardship** - leadership for the community in the wise use of resources and the protection of the environment.

#### PHILOSOPHY STATEMENT

The primary objective of Diablo Valley College is the development, growth and success of each of its students. At DVC student learning is paramount and comprises not simply the transference of knowledge and skills but also a process of intellectual, artistic, political, ethical, physical and spiritual exploration. We believe that such learning is the mutual responsibility of the college and the student.

We recognize the dignity and intrinsic worth of the individual and will make every effort to design programs to meet individual needs, interests and capacities. We believe that a broad range of educational approaches and support services is necessary in order to ensure that each student achieves his or her potential.

In fulfilling these objectives and principles, we affirm our intention:

- to provide the highest possible level of education and counseling in order to help students develop and realize their goals
- to provide the highest possible level of access to a student body which reflects the cultural and socioeconomic diversity of our community
- to provide students with opportunities for the development of values, ethical behavior, aesthetic appreciation and a sense of civic responsibility
- to establish open communication with students and to provide them with opportunities to participate in institutional decisionmaking
- · to enhance self-esteem and a sense of individual responsibility
- to provide a campus climate that encourages tolerance, mutual respect, civility, and the free and open exchange of ideas; and
- to instill an appreciation for the values and contributions of other cultures and to foster a global and international perspective among all students.

We will continuously seek and support a dedicated, highly qualified staff that is diverse in terms of cultural background, ethnicity, and intellectual perspective and that is committed to fostering a climate of academic freedom and collegiality. We will encourage and support professional development for all staff and will all share in the responsibility for student outcomes.

Diablo Valley College affirms its responsibility to address the diverse needs of the communities it serves and to provide leadership in the civic, cultural, and economic development of the region. We believe that widespread access to postsecondary education is the cornerstone of a democratic society.

#### **COLLEGE MISSION**

Diablo Valley College, a publicly supported, comprehensive community college, prepares students to engage in advanced studies through transfer to four year programs, equips them to become skilled and current in their respective professions, and provides courses and programs that promote lifelong learning.

DVC defines its students, both matriculated and prospective, as individuals who show interest in and ability to benefit from a college education. The college's open admissions policy is grounded in the belief that opportunity and quality can coexist in a diverse educational environment.

The college provides a core of liberal arts and science courses, specialized career/technical programs, and support services to meet the diverse needs and abilities of students. Four primary missions constitute the critical educational functions of the college.

#### 1. Transfer

The college ensures access to a baccalaureate degree for all members of the community, regardless of their circumstances or prior academic record, by providing the full range of freshman- and sophomore-level courses necessary for transfer. These courses are of sufficient breadth, depth, and rigor to ensure that transfer students are as well-prepared to succeed in upper division work as those who complete their first two years at a four-year college or university. The college also provides counseling and academic planning services, timely and accurate information about transfer requirements, and the necessary articulation agreements to facilitate the transfer process. The college faculty and staff are dedicated to the active identification, encouragement, and support of students who have the desire and ability to pursue a baccalaureate degree.

#### 2. Workforce development

In order to ensure a well-trained workforce, the college provides a wide variety of career/technical programs and general education courses designed to prepare students for new careers, career changes, and career advancement. The college also provides students with the access to support services and career development services necessary to help them establish and fulfill educational plans appropriate to their career goals. The college's career/technical programs are responsive to the changing needs of the business community and of the regional economy. The programs are focused not only on the educational needs of individuals but on the workforce development needs of the community as well.

#### 3. Economic Development

In addition to providing strong occupational programs, the college supports the economic development of the region through its leadership in planning, its encouragement of partnerships for economic growth, and the provision of contract-based training to meet the needs of business and the community. The aim of the college's economic development efforts is to ensure that the region has the planning, development, and training capacity necessary to attract and retain business and to maintain the region's economic vitality.

### 4. Pre-Collegiate preparation

The college ensures meaningful access to its collegiate programs by providing a broad range of pre-collegiate courses designed to develop the skills necessary to succeed in college-level classes. The college is committed to offering courses responsive to student needs and to individual learning styles. The college also is committed to providing the comprehensive student support services necessary to help students overcome their educational limitations. The aim of the pre-collegiate program is to empower students to become confident and independent learners, to recognize and build on individual strengths, and to encourage students' further education.

In addition to these primary missions, the college acknowledges and honors its traditional role as a center for lifelong learning by providing courses, events, and activities that promote lifelong learning and enrich the community's cultural, intellectual and recreational environment.

In order to fulfill these missions, the college seeks to maintain a physical environment that is safe and conducive to learning and intellectual growth, while operating in accordance with the highest standards of fiscal and administrative accountability. The college environment is enhanced through the use of the most recent information technology, which offers the college community access to resources from throughout the world.

#### COLLEGE STRATEGIC DIRECTION

The College's strategic plan consists of the following strategic directions:

- A. Becoming a Learning College
- B. Realizing the Potential of all Students
- C. Enhancing the Region's Economic Development
- D. Demonstrating Institutional Learning and Effectiveness
- E. Enhancing College Resources
- F. Strengthening College Communication

#### INTRODUCTION

#### PURPOSE

The 2007 Facilities Master Plan for Diablo Valley College is a visionary guide intended to both inspire and inform future campus development. It integrates immediate and future building projects with a comprehensive approach to improving the overall site and landscape of the campus. The Facilities Master Plan serves as a documented record of a visionary planning process involving administration, faculty and staff.

Throughout the development of the Master Plan, the Planning Council held a strong awareness of and adherence to Measure A, passed by Contra Costa voters in 2006. Measure A specifies funding for certain needs at Diablo Valley College, and these needs have been addressed in the Master Plan. Integrating the bond measure needs and strong planning principles together with the educational planning data created dynamic opportunities for the future physical environment of the College.

A Master Plan is a living document and is intended to be revisited. It is meant to guide the incremental response over time to the changing needs of Diablo Valley College. The plan identifies the location and approximate size of future facilities, the renovation of existing facilities and a number of site improvements throughout the campus. The 2007 Facilities Master Plan for DVC works from a holistic perspective, building on the present to compose the future campus experience.

#### PLANNING PROCESS

The planning process for Diablo Valley College was a highly participatory one involving the many constituencies of the College. The Planning Council, comprised of key faculty, staff and administrators, welcomed the broader campus community to all of the meetings, where the Facilities Master Plan was discussed. A series of interactive meetings were held to review the analysis of the existing conditions, evaluate a series of options and make decisions that led to the development of the 2007 Facilities Master Plan. In addition, presentations were held with the larger college community in order to provide opportunity for input and to broaden the plan's perspective. The interactive planing process allowed for effective participation of numerous college stakeholders and led to recommendations that will be supported by the entire college community.

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Meet with Divisions/ Department (March 21-22)																															
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#### DOCUMENT ORGANIZATION

The Master Plan is a planning document that is organized into four sections.

#### **RECOMMENDATIONS**

The Master Plan Recommendations section is the pivotal section of the document. Proposed projects, both facility and site related, are identified and described.

- · Master Plan Project Goals
- Master Plan Recommendations
- Facilities Master Plan
- Master Plan Projects

New Construction Projects Renovation Projects Site Improvements

Phasing Plan

#### **PLANNING DATA**

This section describes the important link between the College's 2007 Educational Master Plan and this 2007 Facilities Master Plan. Information and data collected in the Educational Master Plan is quantified in order to serve as a foundation and inform decisions regarding the sizing and phasing of facilities.

#### **EXISTING ANALYSIS**

The Existing Analysis section consists of a comprehensive site analysis, including the facilities, the landscape and vehicular and pedestrian circulation. The response and comments from the Planning Council are included.

- Existing Campus
- Existing Vehicular Circulation
- Existing Pedestrian Circulation
- · Existing Circulation (Combined)

#### **APPENDIX**

This section includes illustrations and discussion of the options that were reviewed and evaluated during the planning process. It serves as a record of the creative planning process.

#### RECOMMENDATIONS

The Facilities Master Plan drawings for Diablo Valley College present an overall picture of the future developed campus and include new construction, renovation and site improvement projects. While projects in the plan appear specific, the forms are conceptual sketches which highlight the location and purpose of improvements.

The Facilities Master Plan recommends the demolition and replacement of a number of the oldest wood frame buildings on campus. These are identified in the Existing Analysis section of this document. Functions currently housed in these facilities will be relocated to new facilities and will be designed to support the desirable adjacencies and projected instructional programmatic needs. Some older buildings are identified as renovation/replacement projects. Additional study and analysis will assist in determining the best course of action for these facilities.

Throughout the planning process, the project goals were expanded and incorporated into the Facilities Master Plan. They served as the foundation for the following major highlights of the Facilities Master Plan.

#### 1. CREATE A "FRONT DOOR" TO DVC

A strong "front door" strengthens the connection between a college and its community. A recommendation of this Master Plan is to create a major gateway entrance to welcome and orient visitors and students to DVC. The recommendations include a series of solutions starting with new signage at the campus edge, a developed gateway of new facilities and a new central quad at the heart of the campus. The intent is to create a dynamic and welcoming entry to the DVC experience that pulls the passerby into the campus while orienting them to its layout and environment.

#### 2. DEVELOP A PEDESTRIAN FRIENDLY CAMPUS

A pedestrian friendly campus provides ease in wayfinding, links distinct department areas and creates a unified campus experience. The Planning Council noted the campus is fragmented, and pedestrian paths are commonly used by service vehicles. Pedestrian circulation is also complicated due to grade changes. It is recommended that the college create a series of pedestrian gateways, new pathways, outdoor spaces, and accessible ramps.

#### 3. FOSTER COMMUNITIES OF LEARNING

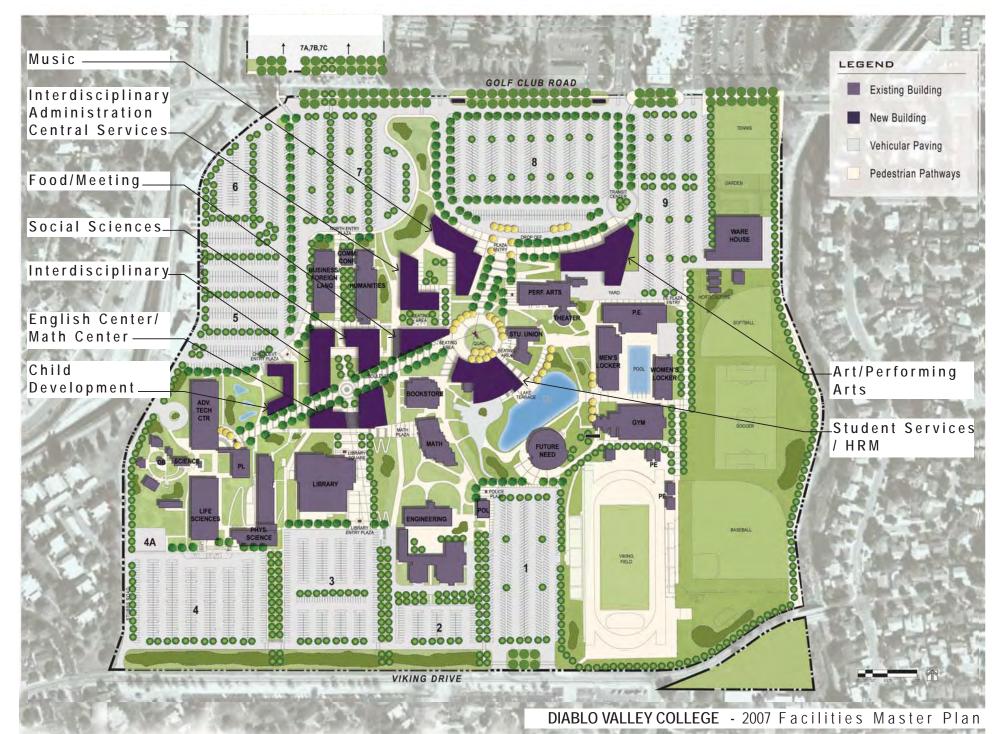
Diablo Valley College is committed to creating innovative learning environments and incorporates this principle through the careful creation of indoor and outdoor space. This space will be designed to foster shared activity and dialogue and to support communities of learning. The combination of informal and formal quads, seating areas and gathering spaces encourage faculty and student interaction while supporting a variety of learning uses.

#### 4. RENOVATE OR REPLACE OLDER FACILITIES

A number of buildings at the College are old or outdated. Replacing or renovating these facilities allows for opportunities to develop new learning environments, to carefully use and maximize the available land and to incorporate sustainable design principles.

#### 5. HONOR THE CHARACTER OF THE DVC CAMPUS

Throughout the past 50 years the college has embraced an eclectic variety of architectural and landscape styles. The Master Plan recommends that new landscaping and signage be added to unify the campus experience. New facilities should be designed to carefully maintain the dynamic and lively character of the college. The plan also recommends the protection and incorporation of valuable existing landscape resources such as mature trees, woodlands, historic stone and boulder work.





The recommendations for new construction projects are included in the following pages. New construction is often accompanied by site improvement projects, which are detailed later in this section.

The order of the projects described is based on the location on campus and does not reflect a priority order. Preliminary phasing plans are described later in this section.

#### NEW CONSTRUCTION

Pleasant Hill Campus:

Art / Performing Arts

Music

Student Services / HRM

Food / Meeting

Interdisciplinary / Admin / Central Services

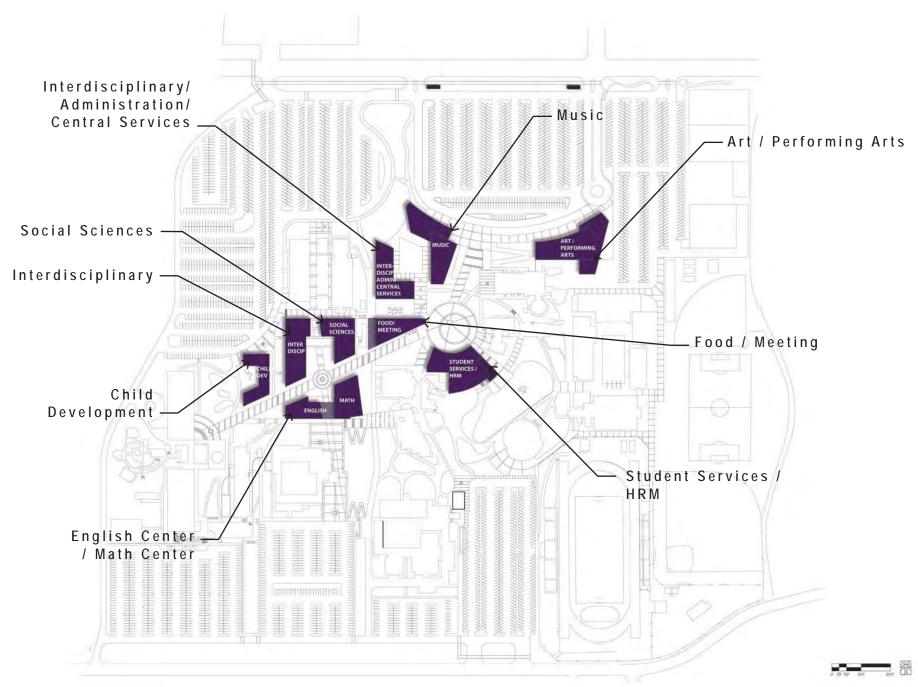
English Center / Math Center

Social Sciences

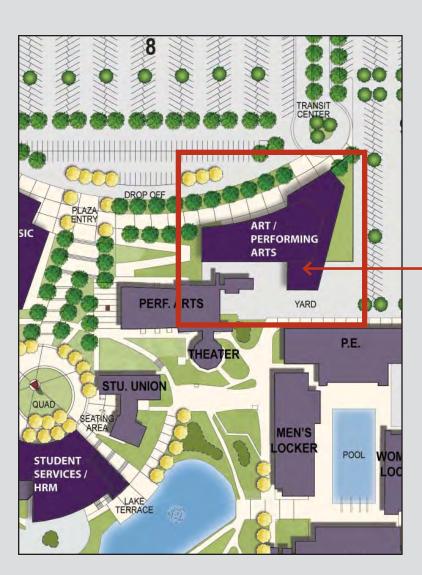
Interdisciplinary

Child Development

San Ramon Campus - Phase II



2007 FACILITIES MASTER PLAN - New Construction



#### **ART / PERFORMING ARTS**

This new facility building will replace the outdated and deteriorating Art building along with portions of the Performing Arts building. This prime location is visible from the main entry at Golf Club Road and with the new Music building frames the new front door to the college. The Art/Performing Arts building has a main entry at the drop off plaza on the parking lot level, as well as an entry on the central quad level.

The new Art/ Performing Arts facility is intended to respect and communicate with the existing Performing Arts building. Landscaped area between the two could have a small outdoor amphitheater or gathering space. The two buildings share a back door service entry as well as a large yard area to support the instructional programs.

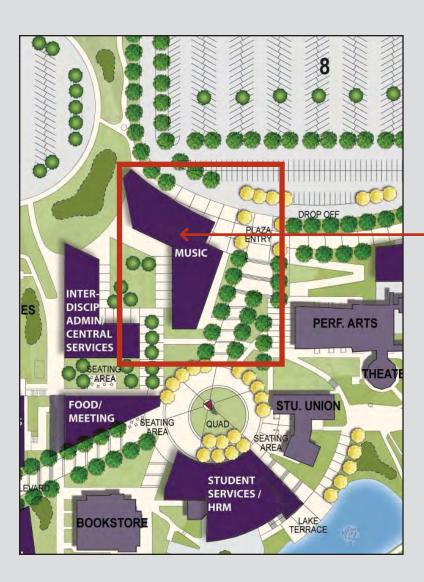
The building will house classrooms, studios and performing arts needs. The Digital Media program, currently dispersed throughout the campus, will be located here, adjacent to other Art programs. Multiple art galleries are to be incorporated into this facility to take advantage of this visible location.

## ART/ Performing Arts



- FRONT DOOR BUILDING, VISIBLE FROM GOLF CLUB ROAD
- MULTIPLE ENTRIES AT EACH GRADE
- COORDINATES WITH EXISTING PERFORMING ARTS BUILDING
- MULTIPLE GALLERIES AND STUDIO SPACES
- CONSOLIDATES DIGITAL MEDIA PROGRAM INTO ONE LOCATION
- LARGE SERVICE YARD AREA





#### **MUSIC**

The new Music building replaces the inefficient and undersized Music facility and interweaves two of the main project goals for the college; to create a welcoming gateway and to create opportunities for synergy between related programs. It is located in a highly visible location from Golf Club Road.

The two story building will step up the hill to the central quad, and will play a critical role in framing the entry for the college. The building will have a main plaza and entry accessible from parking, as well as an entry to and connection to the quad level of campus. Multiple terraces and ramps bring the visitor up into the campus

This new location for Music will create opportunities for synergy within the division and will maximize resources and equipment with the adjacent Performing Arts building.

The west side of the building will compliment the new Interdisciplinary/Admin/Central Services building. In contrast to the bustling quad nearby, this area can serve as a quiet refuge for students and staff to relax or study.

**Note:** The existing Music building will be vacated and available for swing space during the construction of new and renovated projects, and eventually will be available for a new use.





#### STUDENT SERVICES / HRM

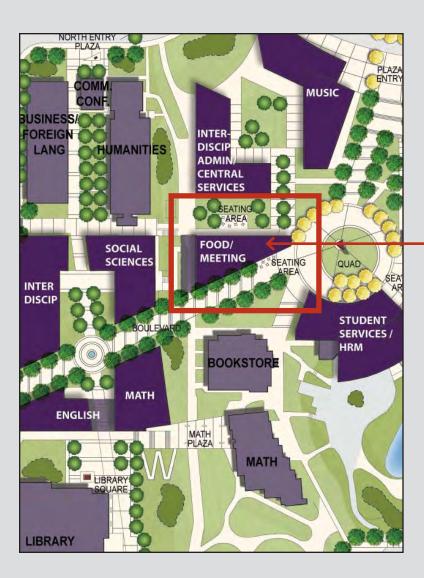
A new Student Services / Hotel Restaurant Management Center (HRM) is recommended to consolidate multiple services into one central location. This will increase students' access to the College's student support services as well as orient the first time visitor with ease.

The building will be developed at the heart of the campus, where students can access the student services they need and enjoy campus life around the central quad. The new facility will contribute to a dynamic core with close proximity to the existing Bookstore and Student Union as well as the proposed new Food/Meeting facility.

Student Services is planned to centralize all of the student services programs, currently scattered throughout the college, into one location. HRM is expanded with new classrooms, demonstration and computer labs as well as larger kitchen and baking areas. Service is accessed through the rear, and carefully screened with new trees from outdoor seating areas.

The building is visible from the main entry and will provide a visual wayfinding cue for new visitors to the campus. The lake landscape provides a quiet respite for students and faculty to relax in a naturalistic park setting. In addition, an outdoor seating and overlook section steps down to the lake, with views towards athletics and Mt. Diablo in the distance.





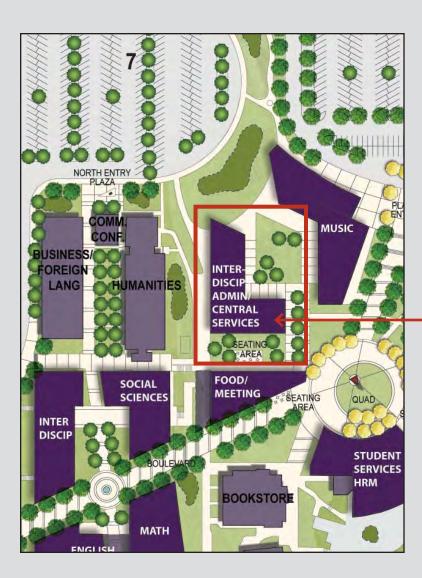
#### **FOOD / MEETING**

This new two story Food/Meeting facility will provide a central dining facility for the college, and is located directly on the quad. Outdoor seating will spill outside in multiple areas, contributing to the quad as the heart of campus. The facility will complement the existing Student Union and Bookstore, as well as the new Student Services/HRM Center.

The two story building has entries on both levels, linking the upper instructional zone with the lower student activity zone with entries on the quad level and the upper level at Social Sciences. In addition to a cafeteria and dining room, flexible spaces, such as a food court, cafes, juice bars, informal lounges, meeting rooms, and performance spaces can be incorporated into the design.

The landscape surrounding the Food/ Meeting facility flows as an extension of the central quad. The area is designed to support a number of indoor-outdoor activities associated with the adjacent buildings. Patio seating under a grove of flowering trees provides for outdoor socializing, dining and informal gathering spaces.



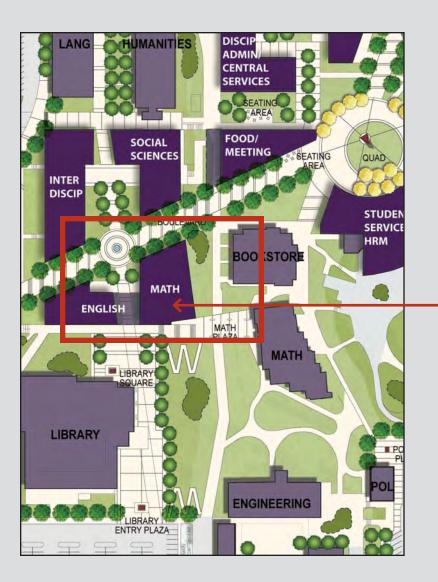


## INTERDISCIPLINARY / ADMINISTRATION / CENTRAL SERVICES

A new two story Interdisciplinary/Administration and Central Services building is sited in a central location, and will be accessible from all areas of campus. In addition, it is directly off a service route and parking lot 7, allowing for easy pick up and drop off for faculty needs. This facility serves as a connector from the instructional tier to the Music, Performing Arts and Art zone of campus.

Located adjacent to the Humanities building the new Interdisciplinary/Admin/Central Services facility will frame a shared courtyard with Music. Landscaping is casual with clustered seating for study areas. This courtyard is located off of the central quad, and provides the opportunity to create a quieter setting.





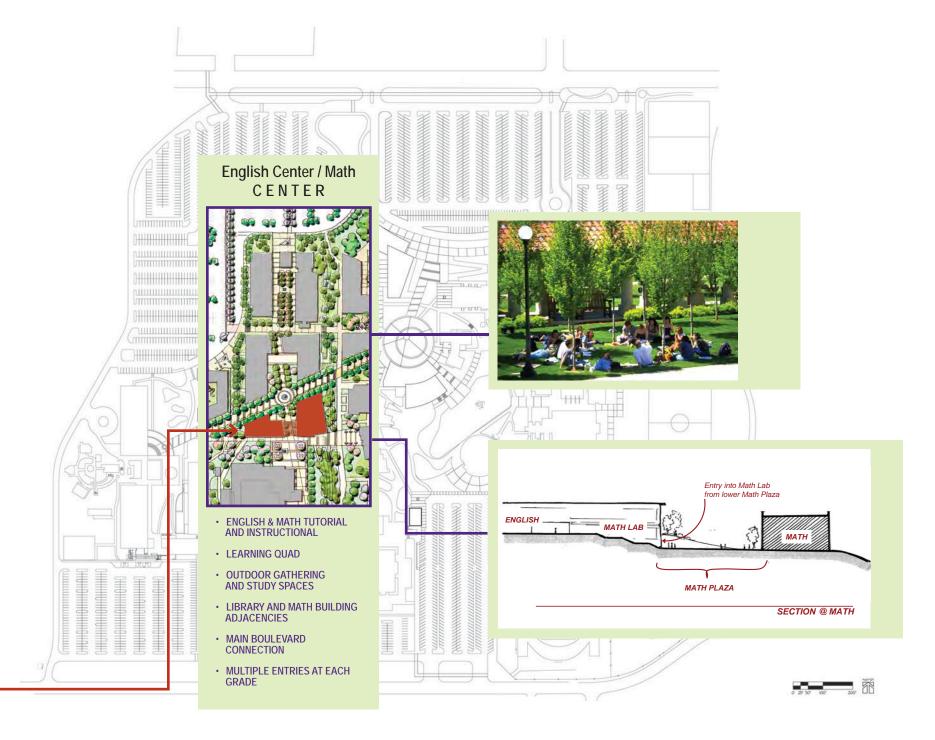
#### ENGLISH CENTER / MATH CENTER

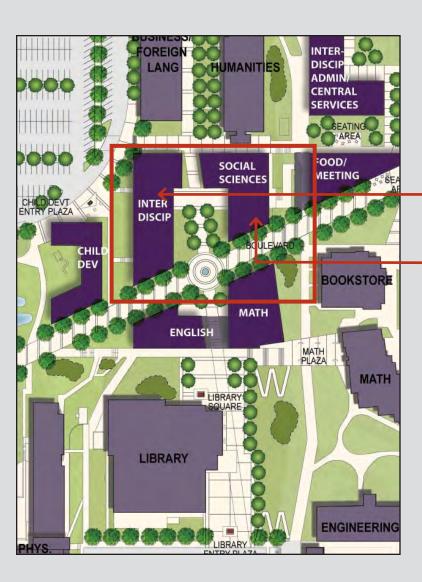
A new instructional building is proposed to replace deteriorating and inefficient instructional and tutorial services for Math and English. This new building will be two stories, with multiple entries.

Multiple entries will help delineate the English Center from the Math Center, while traversing the steep grade change in this area. An entry plaza located on the lower grade will have direct access to the existing Math building. Students and faculty can relax and study in the new Math Plaza, a shared outdoor learning environment. Additional entries are located on the upper grade. This supports disabled access at the college while providing clear linkages with surrounding instructional facilities

The English Center / Math Center building is split on the lower level by a wide outdoor pedestrian path which penetrates the building. This opening links the north-south pedestrian pathway from the instructional areas, through the building, to the Library.

It is recommended that the design of the English Center mirror the egalitarian teaching and learning styles of the department. Both facilities are to have smart classrooms as well as up to date computer labs and digital capability.





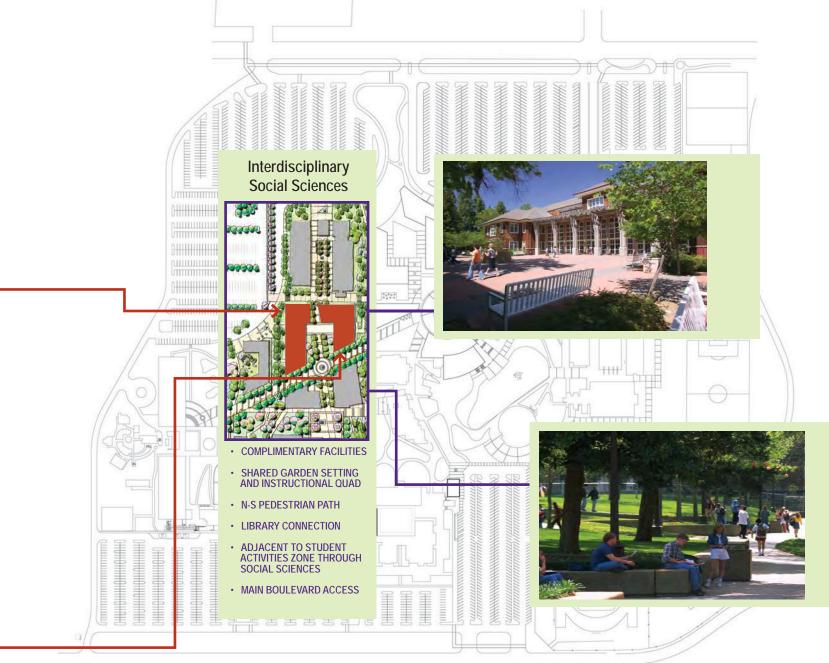
#### **INTERDISCIPLINARY**

A new two story Interdisciplinary building is recommended to replace deteriorating and inefficient buildings. The new Interdisciplinary building will be part of the instructional tier of the campus, sharing flexible outdoor space with Social Sciences and the English Center / Math Center, as well as connecting to the Library through a strong north-south pedestrian pathway.

#### **SOCIAL SCIENCES**

The new Social Sciences building will be a two story structure that frames a corner of the instructional tier of the campus. The new facility will replace outdated and aging wood framed buildings and provide appropriate space to support the instructional programs. A connecting plaza will link Social Sciences to the central quad through the new Food/Meeting building.

The Social Sciences and Interdisciplinary facilities frame a courtyard with a garden like setting along the north-south promenade. The main boulevard on campus opens onto this garden setting. A fountain is centrally located, creating a focal landscape feature and provide an identity to this informal gathering space.



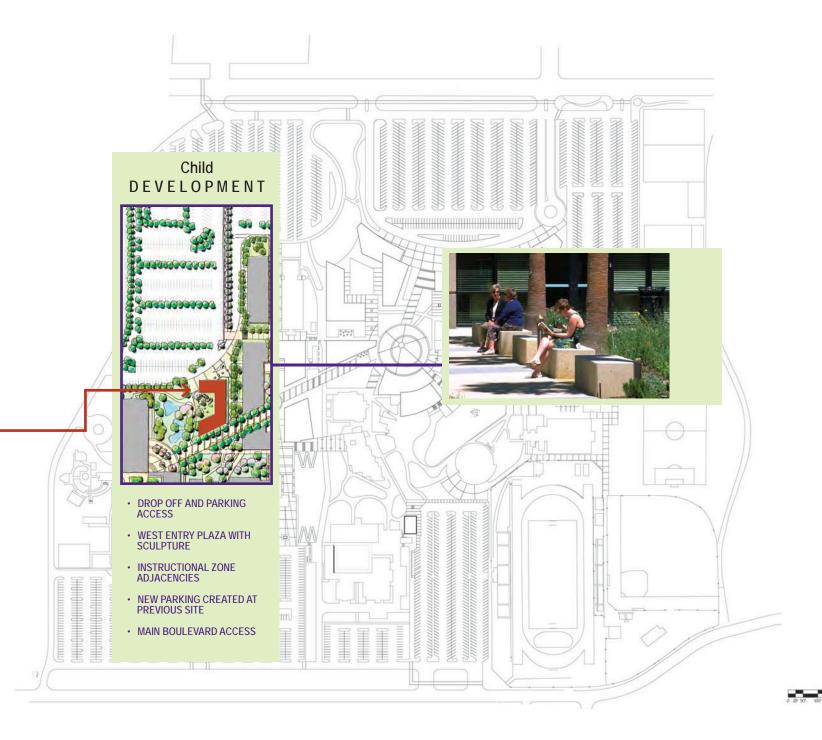




#### CHILD DEVELOPMENT

The Family Life Center will be housed in a new Child Development Facility. The new Child Development Center will have a discrete drop off area for parents with a welcoming plaza out front. New outdoor play areas are included as part of the facility.

The Child Development entry plaza is designed as the front door and safe drop off area for the center as well as providing a clearly defined western entry to the campus. Accent landscape elements with planting, sculpture and a series of benches highlight the space. Canopy trees define the plaza and provide a shaded area to wait under.





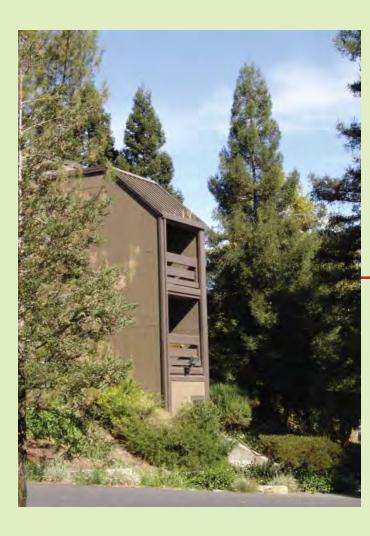
#### SAN RAMON CAMPUS - PHASE II

The San Ramon Campus provides educational services for those who live and work in the southern portion of the Diablo Valley College service area, including the San Ramon Valley. Founded in 1986 as the Center for Higher Education (CHE), SRC now serves over 5,000 students of all ages and interests each semester. SRC offers general education courses, which allow students to fulfill their lower division pre-transfer requirements. In addition, SRC's extensive computer-training curriculum provides hands-on experience using hardware and software with business applications. The San Ramon Campus re-located to its new permanent campus facilities in November 2006.

As enrollment in the District continues to grow, the San Ramon Campus has been planned to expand in order to accommodate the educational program needs of the community and students. The Facilities Master Plan recommends addressing this need through phased construction of additional facilities, such as; an expansion of the joint use community/college library and an additional instructional building as shown in the SRC site illustration on the following page.



SAN RAMON CAMPUS - 2007 Facilities Master Plan

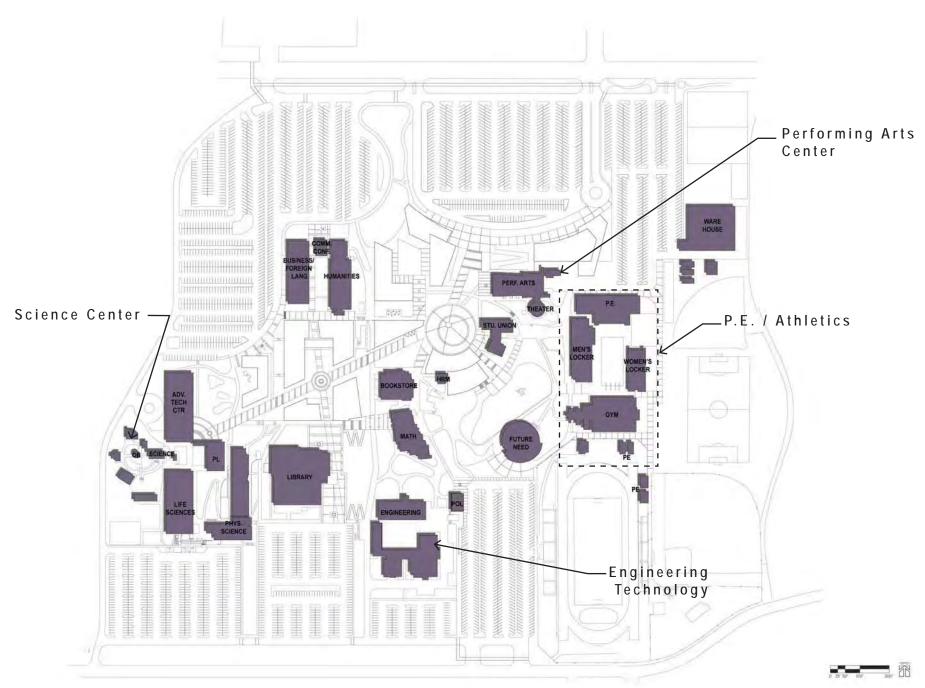


Diablo Valley College has some buildings on campus that date back to the 1950's. Many of these are in need of extensive renovation in order to support the programs that are housed there. While some of these are recommended for demolition and replacement, others still require additional study and analysis in order to determine the best course of action. The Master Plan highlights several facilities in need of extensive renovation and/or replacement. These are described on the following pages.

#### RENOVATION

Performing Arts Center P.E./Athletics Science Center Engineering

Renovations to other facilities are recommended to take place at the appropriate time in order to address needed repairs, improve energy efficiency, and upgrade equipment and technology.



2007 FACILITIES MASTER PLAN - Renovation Projects



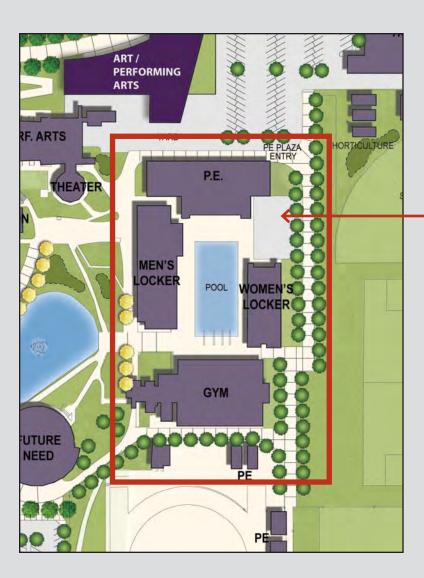
#### PERFORMING ARTS CENTER

Prominently located at the new front door of the Campus, the Performing Arts Center has several deteriorated, wood-framed wings. It is recommended that these be demolished to make room for the new Art / Performing Arts building and where appropriate their uses will be incorporated into the new Art/Performing Arts building located directly adjacent.

An entry plaza will be added for PAC off of the main pedestrian corridor. Located at the front of the building, the new plaza will serve as an outdoor lobby and spill out space from the theater. New sculpture will act as a focal point for the entry.

The PAC will interface with the new Art/Performing Arts facility with a shared service route and landscaping. The landscaped area between the two facilities could be programmed with a shared gathering space or small amphitheater.





### P.E. / ATHLETICS

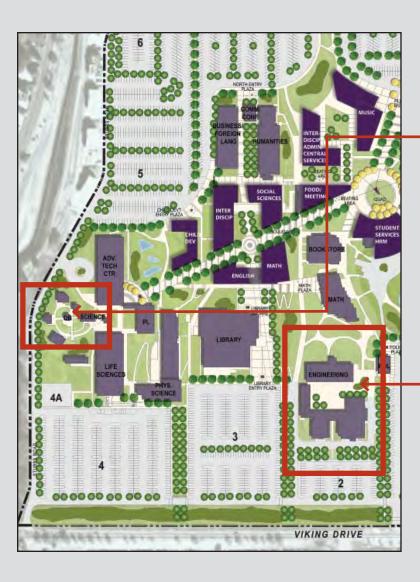
The P.E./ Athletics facilities are in need of renovation or replacement. The gym dates back to 1955, while the locker buildings and Physical Education building are from the early 1960s.

The Facilities Master Plan recommends that careful analysis of the buildings take place in order to determine the appropriate level of renovation and replacement required to support the P.E./Athletics programs.

A new P.E./Athletics drop off and pedestrian walkway is recommended to link the entire athletic portion of campus on a north-south axis to the supporting parking areas.

The P.E. / Athletics area is in view of the new central quad through the outdoor terrace at Student Services / HRM. To support this connection a small overlook path to the lake is recommended to create a visual connection to the heart of campus.



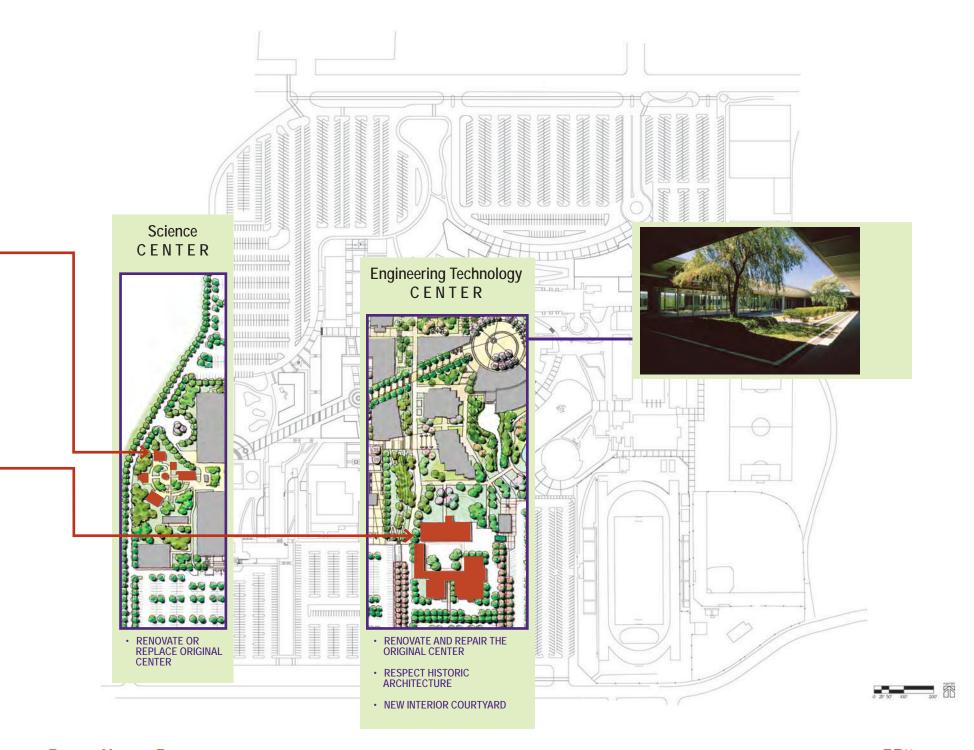


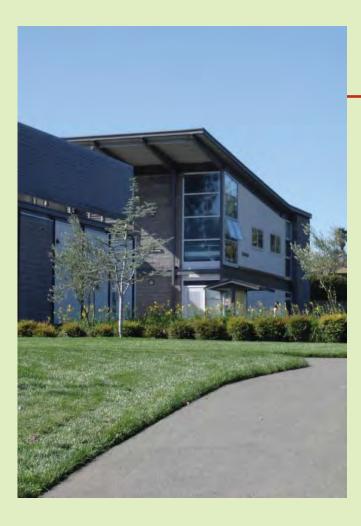
### **SCIENCE CENTER**

The Science Center was built in 1976 on the highest point on the campus. The wood framed buildings have deteriorated and are in need or replacement or renovation.

### **ENGINEERING TECHNOLOGY**

Renovations to the Engineering Technology Center have been funded by the state through an approved Final Project Proposal. The complex will be upgraded and renovated while carefully respecting the existing architecture. The interior courtyard will receive new landscape. In addition, a new outdoor quad between Math and Engineering is currently under construction, and will connect the two with an informal parkscape





The Facilities Master Plan includes a variety of recommended site improvements to accompany the new construction and renovation projects.

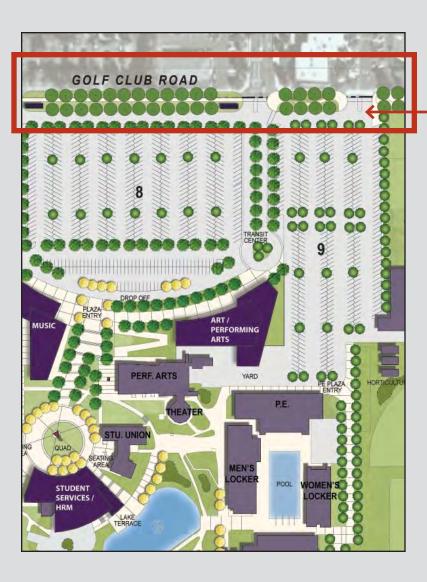
#### SITE IMPROVEMENTS

Campus Edge at Golf Club Road
Parking
North Entry Plaza / Front Door
Central Quad
Lake Treatment
Main Boulevard
South Entry Plaza / North- South Path
West Entry Plaza / Pedestrian Walk
P.E./Athletics Walk

\*Note: It is preferred that the adaptive horticulture garden be retained in its current location. If a move is required and warranted, the garden may be relocated to a suitable new space on campus.

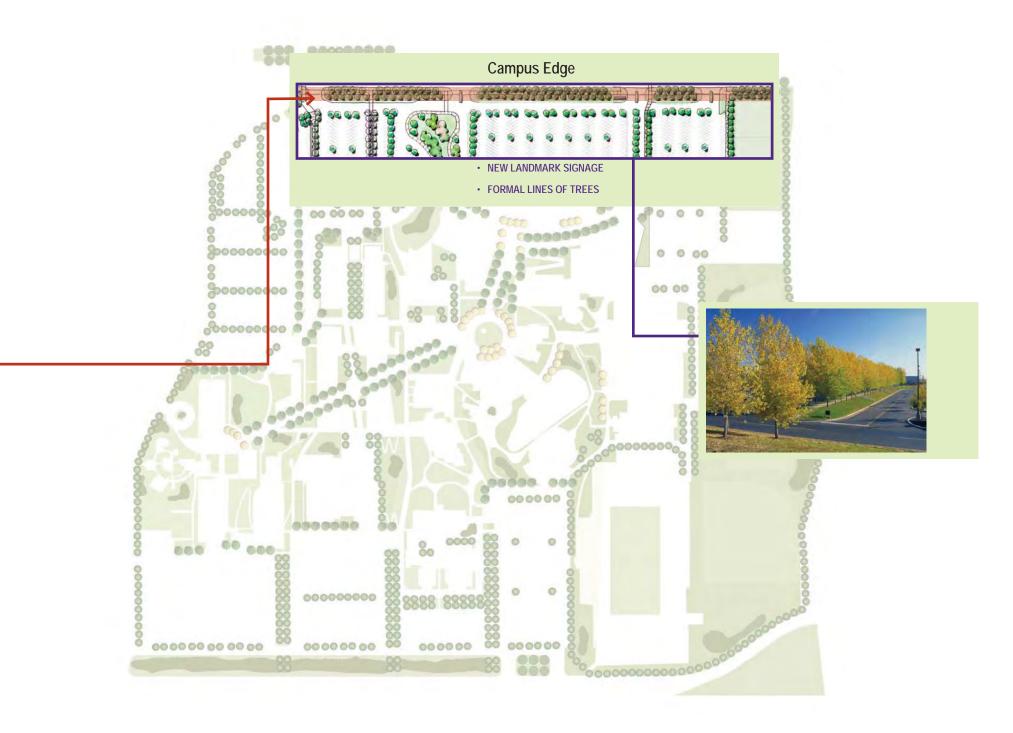


**2007 FACILITIES MASTER PLAN - Site Improvements** 



### CAMPUS EDGE AT GOLF CLUB ROAD

The landscape along the northern edge of the campus will become a welcoming green edge with new landmark entrance signs for the college. This will improve the identity of the college within the surrounding community. Two formal rows of trees will clearly delineate the edge of campus, and create a pleasant path for pedestrians. Large signage indicating, "Diablo Valley College" will be located at the edge of Golf Club Road at Lot 8 and contribute to the front door experience of the college.





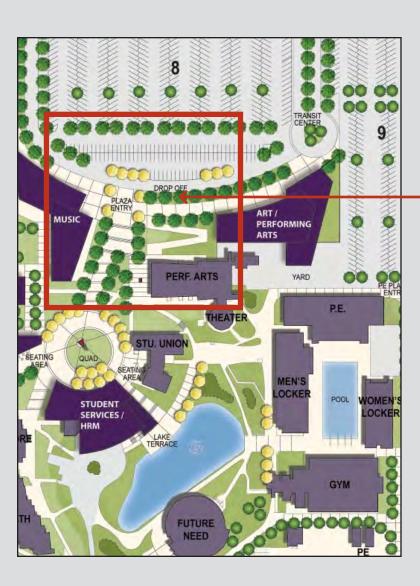
### **PARKING**

Currently the college is planning for the southern parking lots to receive solar panels. It is recommended that the college restripe and expand their existing parking lots so as to address the increasing demand for parking.

Parking will be expanded in several areas on the north and west sides of campus. The district warehouse adjacent to physical education will be demolished and storage moved off site. This will allow for Lot 9 to expand southward. At the new Music and Art/Performing Arts facilities, the front door of the college is pushed southward, allowing for expanded parking at the new entry plaza. After the construction of the new Child Development Center, the old facility will be demolished and new parking will be added.

Planting is recommended for the parking lots in order to soften the hardscape and reduce excessive heat gain in this area. Evergreen canopy trees are recommended to be planted in the parking lot islands at regular intervals to provide shade and provide a visual relief from large expanses of paving. Hedges will be used as much as possible to screen undesirable views and vehicles. Bioswales should be incorporated into the design as feasible.





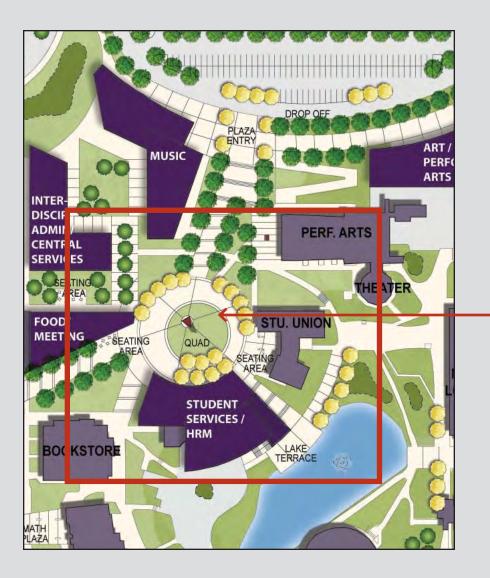
#### NORTH ENTRY PLAZA / FRONT DOOR

To strengthen the front door experience at Diablo Valley College a new drop off and entry plaza is recommended. This curving plaza will extend across the front door of the campus, linking the Music and Art/Performing Arts facilities that frame the new welcoming gateway to the college.

The plaza will provide a clearly defined entry with formal planting and arrival plaza space. Flowering accent trees will be planted along the curb to create a colorful landscape treatment.

A series of grand stairs and ramps will lead the visitor up the grade change and into the center of the campus. Low lying shrubbery and flowering plants will create a small garden feel between the ramps. Formal lines of trees will accent the main path into campus.





#### **CENTRAL QUAD**

A new central quad is recommended to connect the new facilities and create a "heart" for the campus. The central quad will be the largest formal space on the campus and will synergize a new student activities zone.

The central quad will be directly visible from the main plaza entry from Golf Club Road. A wide pedestrian promenade will pull the user into the quad, linking to the primary pedestrian path on campus; the main boulevard.

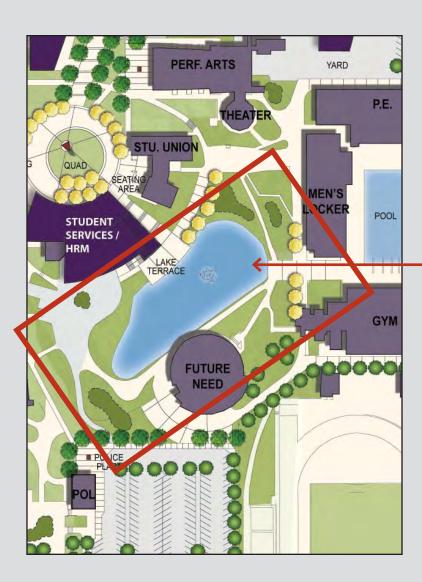
The central quad will connect the existing Student Union and Bookstore with the new Student Services / HRM and Food/Meeting buildings. A vertical sculpture or clock tower will stand prominently in the middle as a visual orientation from all areas of the campus. A mixture of hardscape and softscape will contribute to the space, with flowering trees accenting the circle. Benches and outdoor tables are grouped at appropriate locations to support a variety of activities.

The quad links to the lake through a wide pedestrian path and lake terrace. From the central quad, students will enjoy views of the lake, the upper campus and partial views of Mt. Diablo in the distance.



• FLOWERING ACCENT TREES

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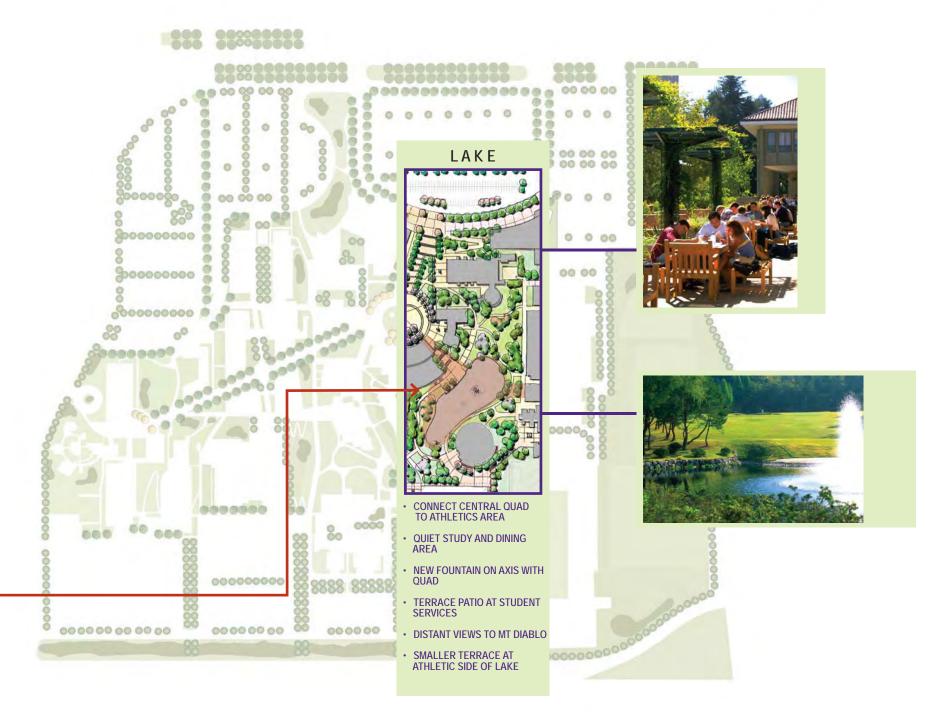
### LAKE TREATMENT

A nice feature on the campus, new terraces and fountains are recommended. This will strengthen the lake's impact on campus and will provide a visual link from the central quad to the athletics area.

From the central quad, a wide pedestrian path leads down to the lake. A new fountain is placed on axis with this path, so as to provide a visual cue from the quad. An outdoor terrace at the lake will take advantage of lakeside views. Outdoor seating will provide a casual place to study or eat. The lake landscape will provide a quiet respite for students and faculty to relax in a naturalistic park setting.

New trees at the west side of the outdoor terrace will shield users from the noise and visual activity at the service area.

To strengthen the visual connection to athletics, an additional small terrace on the east side of the lake will link the upper and lower tiers of the campus. This smaller terrace will be on axis with the large terrace on the Student Services side. New benches will provide informal seating at its edge.



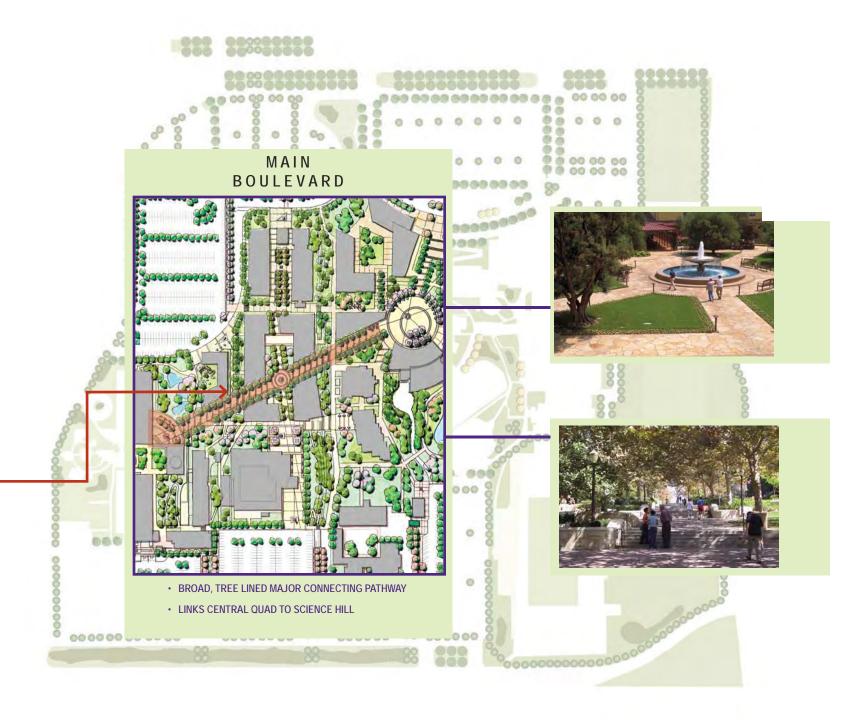


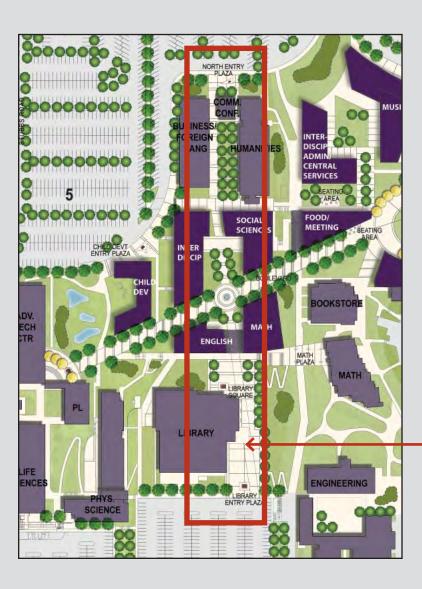
### MAIN BOULEVARD

A main boulevard is recommended to connect the various grades of campus, providing disabled access while creating a prominent primary pathway. This wide diagonal pathway will become the main carrier for foot traffic on campus.

The main boulevard will connect from the central quad and traverse up three major grade changes to science hill. At the instructional quad the path will widen to a circular gathering area with an accent fountain or sculpture. Continuing up the hill, the boulevard will culminate in a large plaza at the Advanced Technology Center.

The main boulevard will be accented with a double row of canopy trees placed along the pathway to create a signature campus landscape as well as provide a prominent vista in each direction.



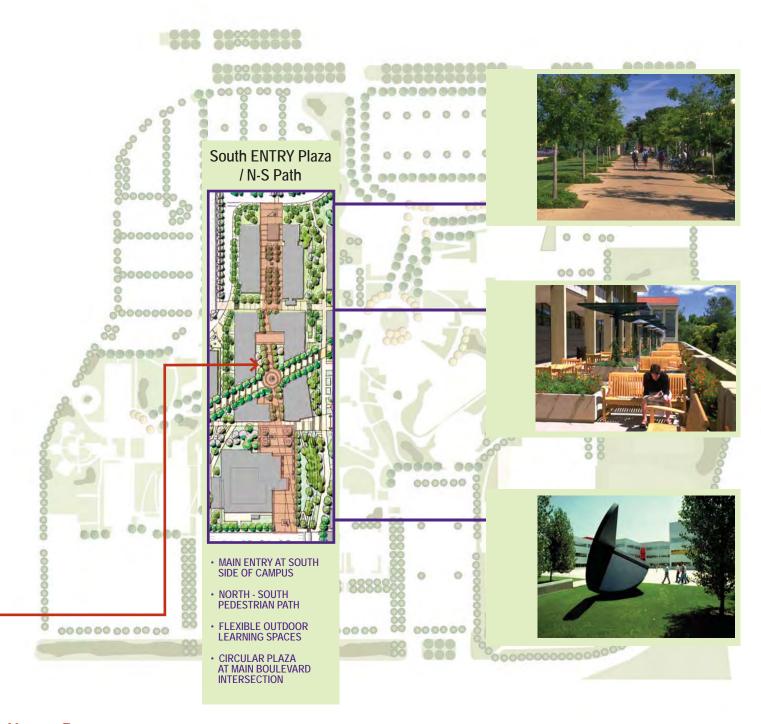


# SOUTH ENTRY PLAZA / NORTH-SOUTH PATH

A new entry plaza for the south side of campus is recommended to create a main entry from parking. A sculpture in the center of the entry plaza will clearly identify the access point from parking. A formal row of evergreen canopy trees will be planted along the plaza and provide a clear path to the main boulevard. Informal canopy trees will be planted at the slope and provide an enclosed backdrop for the library.

This new entry plaza will link directly north through the instructional quad areas, across the main boulevard of campus and up to the north entry plaza. Formal trees line the path from north to south. At the intersection with the main boulevard the path will open up into a circular plaza. A fountain will be placed in the center and serve as a natural gathering space.

Casual gathering spaces are to be created at the English Center / Math Center, Social Sciences and Interdisciplinary buildings. These smaller quads will serve as flexible outdoor learning spaces. The plaza should include a variety of seating options for individuals and small groups.





#### WEST ENTRY / PEDESTRIAN WALK

A strong pedestrian path through the expansive parking lots 6 and 7 is recommended to tie into the campus core. New paving and landscaping will connect Lot 7a,b, and c through to a new west entry plaza. This will connect both sides of the campus, as well as provide a safer walking environment both across the street and through Lot 6. The pedestrian link will be paved with a new surface material such as patterned concrete. Two formal lines of trees will serve as a visual wayfinding tool and will clearly indicate the pedestrian path.

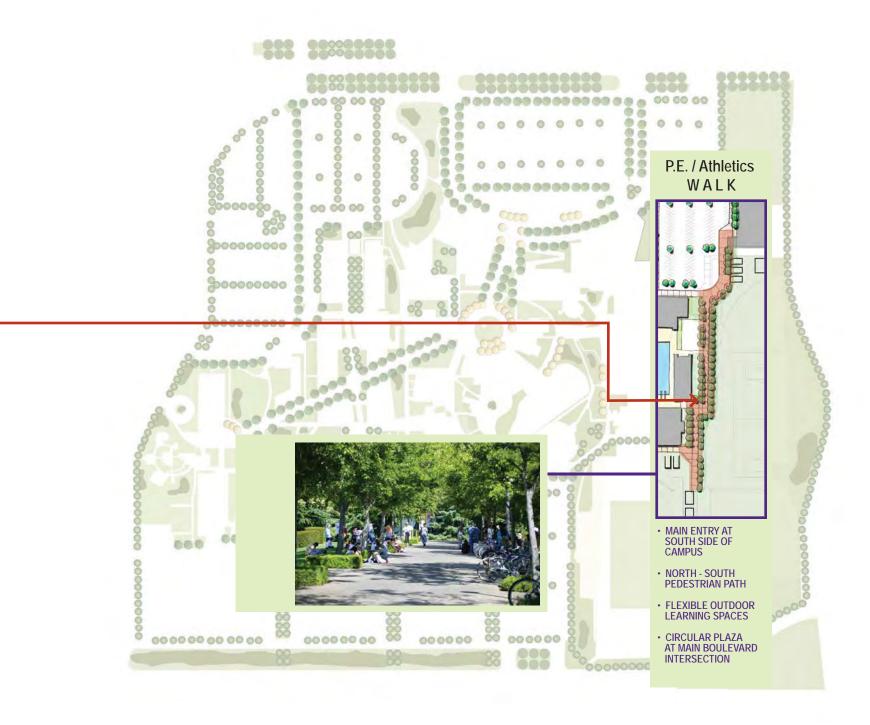
The path will cross Golf Club Road, and move through Lot 7 to an entry plaza on the west of the campus. Like the other new entry plazas on campus, an accent sculpture will draw users into the campus from the parking lots. The plaza will connect to a new walk which runs eastward linking to the central quad.





### P.E., / ATHLETICS WALK

A new P.E. / Athletics entry plaza and drop off area will provide a front door to the athletics zone on campus. From the entry plaza a wide path will link all the physical education facilities together, and connect both sides of parking. The path will accommodate pedestrians as well as service and emergency vehicles. The path is lined with evergreen canopy trees that clearly define the space and provide a shaded corridor for users.



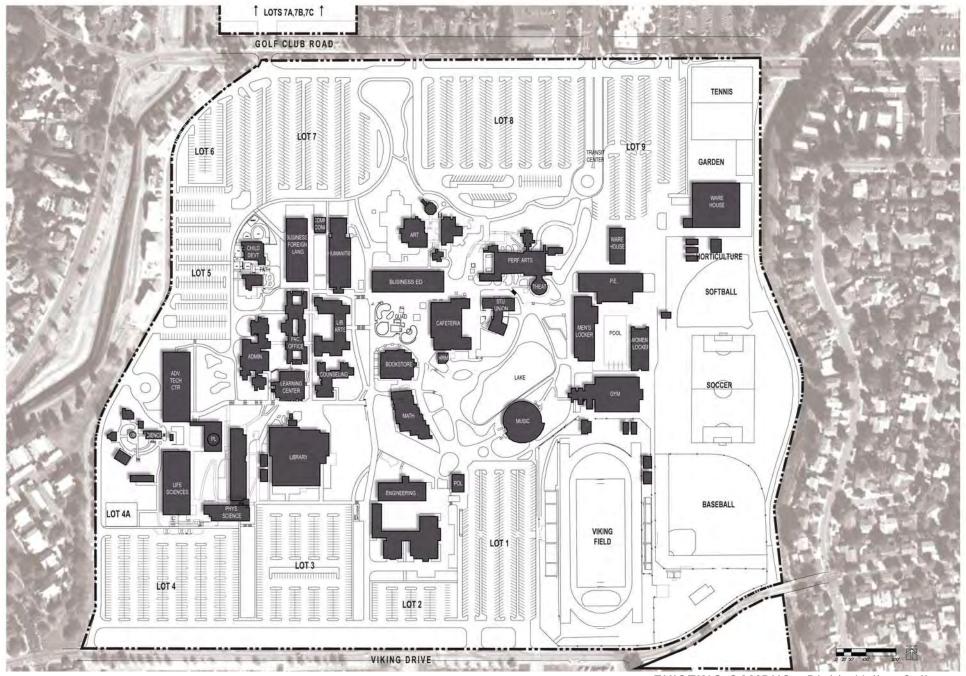
### PHASING PLAN



The Facilities Master Plan for Diablo Valley College will be implemented in a series of phases. The phasing will be based on the logical sequencing of projects in order to address the priority needs of the College and to house all college uses on site. Considerations for potential state funding as well as providing swing space have been incorporated.

Graphics have been developed and are included to describe the preliminary thoughts regarding how the projects would be phased. Additional analysis and discussions can follow the completion of the Master Plan in order to develop a comprehensive Implementation Plan for the Diablo Valley Master Plan.

Five phases of development have been identified for the college as follows.



EXISTING CAMPUS - Diablo Valley College





PHASE 2 - Diablo Valley College





PHASE 4 - Diablo Valley College

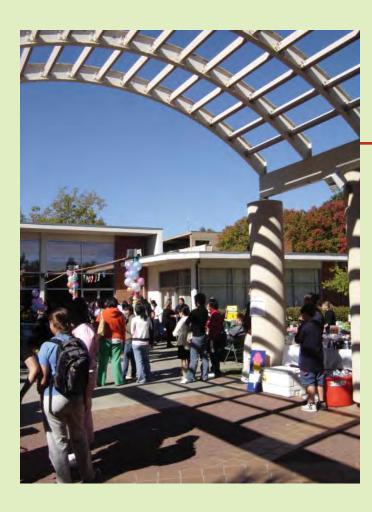




DIABLO VALLEY COLLEGE - 2007 Facilities Master Plan

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### PLANNING DATA



The 2007 Facilities Master Plan for Diablo Valley College is part of the College's overall Master Plan and is a direct extension of the 2007 Educational Master Plan prepared by the College.

The Educational Master Plan includes an environmental assessment, internal analysis, and program assessment. Comprehensive unit plans for each instructional, student services and administrative support area of the College were developed and forecasts for enrollment and instructional programs were prepared. This information serves as the foundation for the development of this Facilities Master Plan.

The Planning Data Section of this Facilities Master Plan expands on the information collected and analyzed in the Educational Master Plan and translates that information into quantifiable data that is used as the basis for developing recommendations for facilities.

### PLANNING DATA

### **PROCESS**

The Planning Team worked closely with the College to collect the information, review the unit plans and analyze the projections for future growth rates in enrollment and instructional programs. The team also met with each of the instructional, student service and administrative units to discuss their unit plans and discover additional qualitative data to be used in the development of the Facilities Master Plan.

The information collected was used to develop a forecast of future facilities space needs to serve the current and projected programs for the College. The forecasted space needs are based on a series of standards established by the California Community Colleges Chancellor's Office (CCCCO). The standards are used by the CCCCO, the District and the College for developing the District Space Inventory and the Five-Year Construction Plan, which are updated annually by the District.

### **ENROLLMENT AND WSCH FORECASTS**

The Long Range Enrollment and Weekly Student Contact Hours (WSCH) Forecasts are issued by the Chancellor's Office, California Community Colleges each year and projects enrollment growth for the next 10 years. It includes historical data from the previous years and projects total enrollment and WSCH for the District using an average anticipated growth factor. These forecasts are then distributed to the college sites in the District and used as a basis for developing the Facilities Master Plan Recommendations. The base year used for this analysis (fall semester) is the 2005-2006 academic year.

The following tables summarize the enrollment and WSCH forecasts for the two campuses of Diablo Valley College – Pleasant Hill and San Ramon.

# **Enrollment - Current and Projected**

Enrollment - Current and Projected

YEAR	TOTAL HEADCOUNT	Pleasant Hill	San Ramon	
2005 (base)	20,688	17,367	3,321	
2011 (projected)	23,948	19,649	4,299	
2017 (projected)	28,901	23,462	5,439	

# WSCH - Current and Projected

WSCH - Current and Projected

YEAR	TOTAL WSCH	Pleasant Hill	San Ramon
2005 (base)	227,822	209,284	18,538
2011 (projected)	261,295	236,964	24,331
2017 (projected)	313,733	282,947	30,786

#### PROJECTED SPACE NEEDS

Title 5 of the California Administrative Code prescribes a set of standards for the utilization (average use) and planning of most educational facilities in public community colleges. These standards, when applied to the total number of students served and the related Weekly Student Contact Hours (WSCH), result in the total capacity requirement for physical facilities expressed in assignable square feet (space available for use by occupants excluding circulation, restrooms, etc).

These standards were applied to the 2017 WSCH projections in order to generate the Instructional space needs for lecture and lab space at the College. In addition, formula driven allowances were also applied to determine the campus-wide requirements for office/conference, library and instructional media, and all other.

# Pleasant Hill Campus

The following table summarizes the distribution of spaces on the Pleasant Hill campus and indicates the difference to be addressed with the implementation of this Facilities Master Plan.

# **Summary of Spaces** (Assignable Square Feet - ASF)

, ,	, 5	,	
SPACE TYPE	CURRENT	PROJECTED	DIFFERENCE
	2006 Space Inventory (ASF)	2017 Need (ASF)	(ASF)
General Classroom	80,647	79,495	1,152
Dedicated Lab	114,310	200,367	-86,057
Office/Conference	71,016	79,570	-8,554
Library	39,050	39,212	-162
Instructional Media	10,090	13,294	-3,204
Support Services	173,524	165,366	8,158
TOTALS	488,637	577,304	-88,667

Note: A negative value in the difference column indicates additional space required.

# San Ramon Campus

The following table summarizes the distribution of spaces on the San Ramon Valley campus and indicates the difference to be addressed with the implementation of this Facilities Master Plan.

### **Summary of Spaces** (Assignable Square Feet - ASF)

SPACE TYPE	CURRENT	PROJECTED	DIFFERENCE
	2006 Space Inventory (ASF)	2017 Need (ASF)	(ASF)
General Classroom	10,396	49,011	-38,615
Dedicated Lab	17,952	4,303	13,649
Office/Conference	7.982	8,165	-183
Library	3,597	5,343	-1,746
Instructional Media	2,046	5,048	-3,002
Support Services	5,484	33,730	-28,246
TOTALS	47,457	105,601	-58,144

Note: A negative value in the difference column indicates additional space required.

### RECOMMENDATIONS FOR FACILITIES

Using the data summarized in this section, a series of development options were explored with the College and ultimately led to the recommendations described in this document. The options explored followed the guiding principles established during the planning process:

- Develop a long range plan for future development
- Maximize existing "functional" space
- Eliminate "non-functional" space
- Right-size proposed new facilities to align with State Guidelines
- Develop a guide to assist in decision making for both short term and long term
- Maximize local funding resources
- · Position the College to receive potential state funding

#### RECOMMENDATIONS FOR FACILITIES

# Pleasant Hill Campus

Recommendations for the Pleasant Hill Campus are included in the Recommendations section of this document. Options considered during the course of the planning process are included in the Appendix for reference.

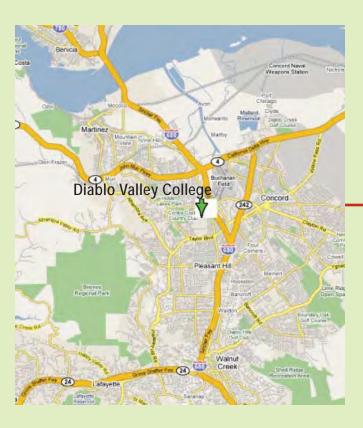
# San Ramon Campus

Recommendations for the San Ramon Campus are to continue to increase course offerings and programs to meet the needs of the community and students and fully utilize the recently completed facilities. The conversion of the interim Library and study space within the new San Ramon Campus facility, along with the accelerated use by the college of the joint-use library facility with the City of San Ramon, has created a need to assess the feasibility of constructing an addition to the Joint use Library in the near future, prior to the possible addition of the Phase II Instructional Building to meet college student information resource and study needs. A graphic illustration of proposed phased expansions are included on page 35 of this document.

# **Future Opportunities**

The College has several opportunities to explore the development of additional off-campus sites. The opportunity for acquiring and developing additional campus sites at the leased facility in Walnut Creek and Concord Naval Weapons Station should be explored to determine the feasibility, potential partnerships and resources required. Partnering between the Colleges of the district at such sites, to offer broad program offerings, could be more successful.

# **EXISTING ANALYSIS**



Diablo Valley College is part of the Contra Costa Community College District. The main campus is located in Pleasant Hill, thirty miles north-east of San Francisco. The campus range is 100 acres of rolling hills, with views to the nearby Mount Diablo.

The Existing Analysis phase of the planning process involved a study of the existing conditions on the campus in order to identify key planning issues. The information was obtained from discussions with the Planning Council, interviews with college staff and campus tours.

### **EXISTING CAMPUS**





### **GENERAL COMMENTS**

- The College's overall topography is hilly and steps down in tiers from the Life Sciences area to the Athletic Fields.
- Portable facilities were identified for future replacement.
   Physical Education facilities and Faculty Offices are currently located in portables.
- The campus has a number of aging facilities that may need renovation or replacement as follows; Child Center, Administration, Learning Center, Counseling, Liberal Arts, small Science classroom buildings near the Observatory, Engineering, Physical Education (all), Performing Arts (partial), Art, Student Services, and Cafeteria.
- A possible need was expressed for outdoor space that would be appropriate for providing intellectual, cultural, and social activities involving the broader DVC service area community.



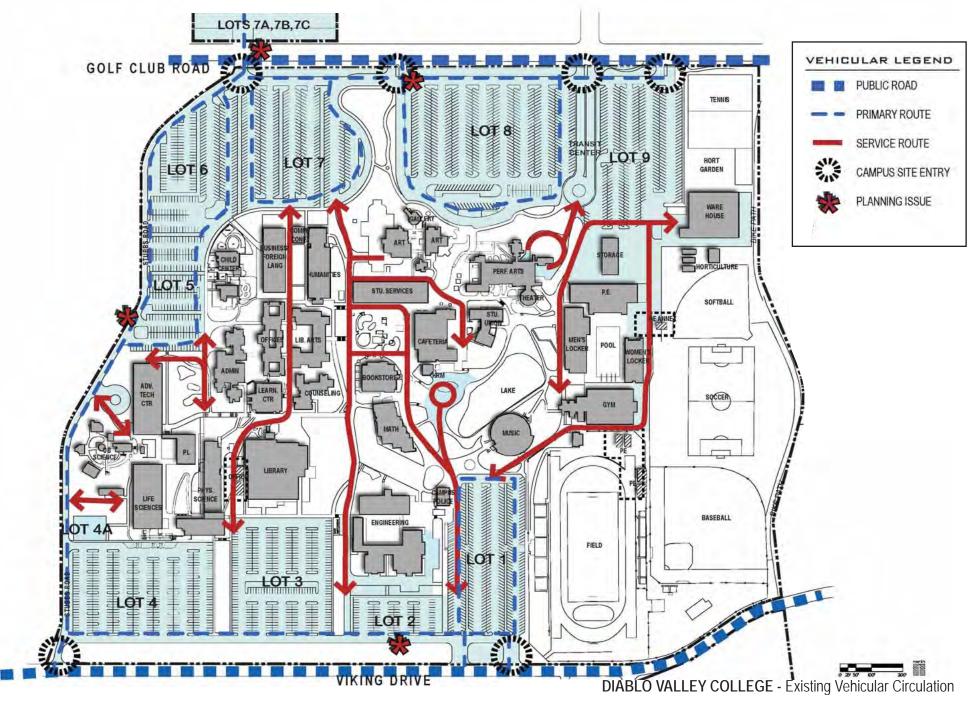
# EXISTING VEHICULAR CIRCULATION





### **GENERAL COMMENTS**

- The College has multiple entries to parking lots at both the north and south of campus. The entries do not have signage or a clear hierarchy.
- The Golf Club Road intersection from Lots 7A,B,C across to Lot 7 has had accidents and needs improvement.
- Vehicles utilize Stubbs Road as a thoroughfare to the High School, contributing to traffic concerns.
- The High School informally uses Lot 2 for drop off traffic.



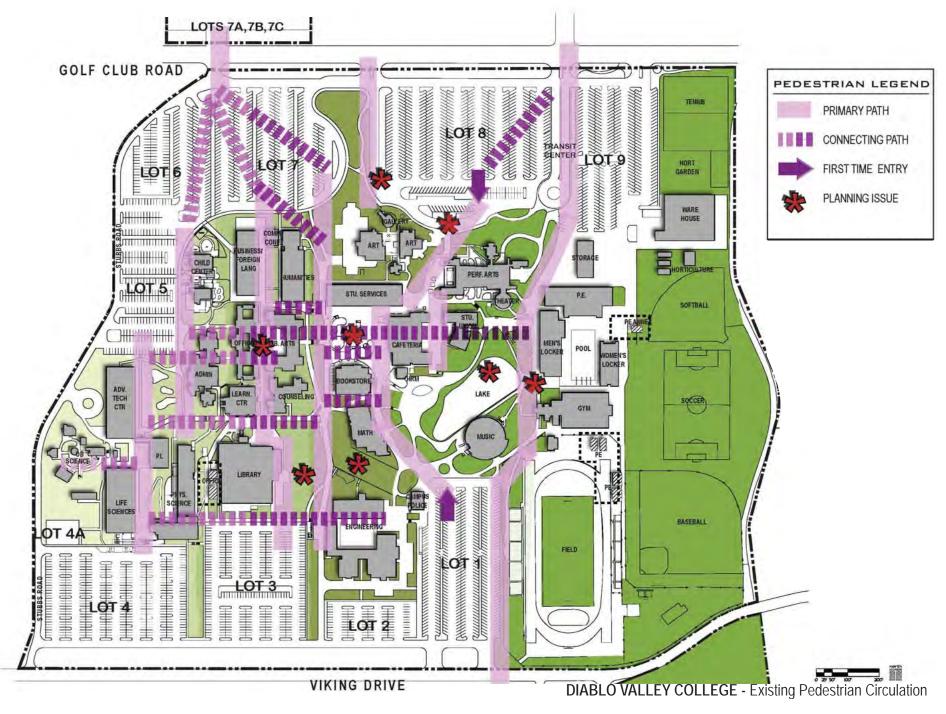
### EXISTING PEDESTRIAN CIRCULATION





### **GENERAL COMMENTS**

- The pathway from Golf Club Road down to the Art facilities lacks lighting and causes safety concerns at night.
- The large ramp structure at Lot 8 is the first time entrance to the College and is not clearly signed.
- Pedestrians cut through the College to access the High School at the path adjacent to the Athletic Fields. skateboard use and noise is a concern.
- The large grassy area adjacent to the Library is underutilized.
- The Central Quad is in need of renovation and causes noise concerns for surrounding instructional space.
- The lake area is underutilized.
- The area between the Math and Engineering buildings is available for potential new uses.
- Many divisions of the College lack an outdoor gathering area or space for students and faculty to congregate.



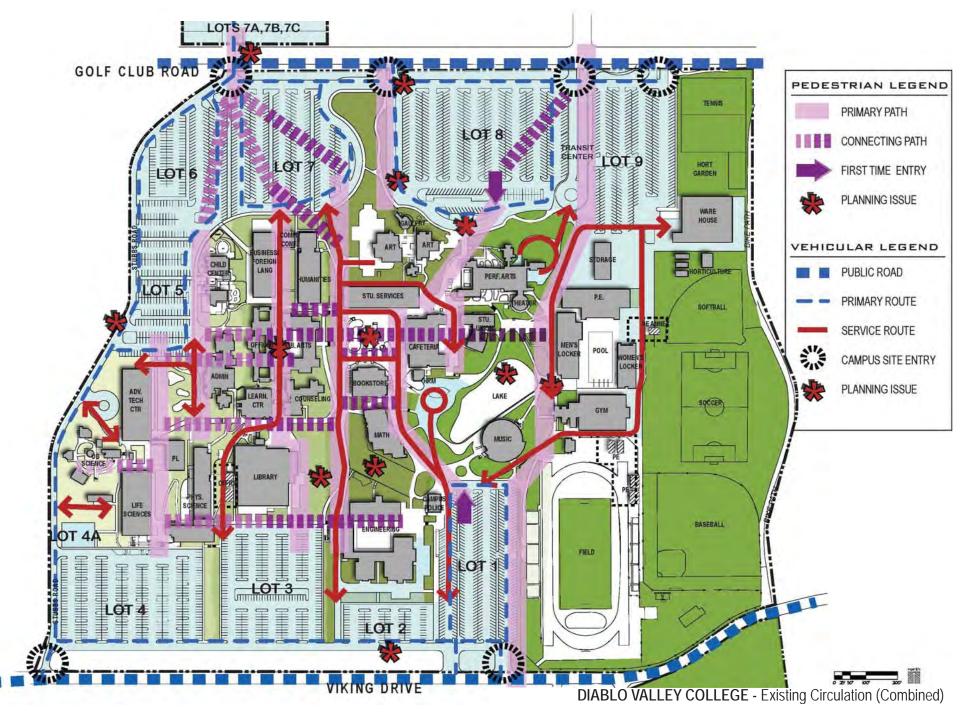
### EXISTING CIRCULATION (COMBINED)





### **GENERAL COMMENTS**

- Pedestrians from Lots 7A,B,C weave through Parking Lot 7, lacking clear direction and a central pathway.
- Service Vehicles, including large pickups and maintenance vehicles, are currently using multiple pedestrian pathways, causing conflicts. In addition, vehicles are frequently parking in pedestrian areas including the central quad.
- The main pedestrian entry from the south of the Campus adjacent to Campus Police is unwelcoming to pedestrians, and lacks signage. Service vehicles frequently park there.



# APPENDIX

### **APPENDIX**



**Existing Campus** 

#### DEVELOPMENT OPTIONS

During the planning process a series of options were developed and discussed with the Planning Council for review and evaluation. The options were used to stimulate discussions that ultimately led to the development of the Diablo Valley College 2007 Facilities Master Plan. This section includes illustrations of these options, and is included in order to explain to the college community what was considered in the planning process and how the options evolved into the recommended solution.

Initially the Planning Team developed three options for review and discussion. Options A, B and C described three potential locations for the new Student Service Center. See following page.

### PRELIMINARY OPTIONS



Existing Campus

(Buildings recommended for replacement or renovation are indicated in orange)

# Option A – Student Services at front, current Art location.

This option locates Student Services at the "front door" to the college along Golf Club Road, the campus address. Placement optimizes adjacent parking/drop-off and transit center location, and is readily visible for first time visitors. Strengthens campus core and quad space, and provides easy student access.

This option was explored further.

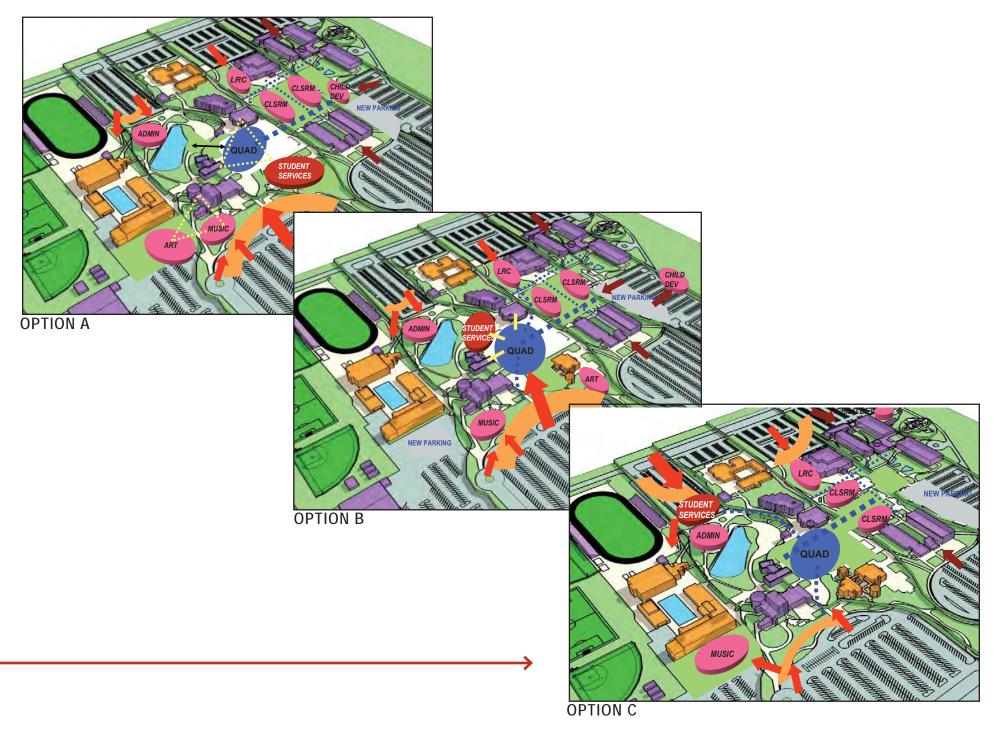
# Option B – Student Services in middle, adjacent to Student Union.

This option places Student Services in the center of the campus which strengthens campus core relationships & unifies the Quad area. Central location works well for day-to-day student contact. Removal of art wing allows central quad to physically connect with the main campus frontage at Golf Club Road, the drop-off & parking. *This option was explored further.* 

# Option C – Student Services at Parking Lot 1, adjacent to Campus Police.

This option places Student Services in Parking Lot 1. This site strengthens Viking Drive as a main campus access route. Creates a stronger entry experience for those parking in the South lots. This option was not explored further. Committee agreed that the location of Student Services at Viking Drive was not desirable.





### DEVELOPED OPTIONS



Alternate view - Option E

Based on the discussions with the Planning Council regarding Options A, B and C, the planning team developed two additional options for review and consideration. Options D and E combined elements from the previous options and added additional detail.

# Option D

This option was based on preliminary Option B and included a more developed solution to placing the Student Services in the center of campus, to strengthen the campus core and create a bridge between the Student Union and the Bookstore.

# Option E

This option was based on preliminary Option A and included a more developed solution to placing the Student Services Center on the north side of campus, as part of the gateway to the campus. A diagonal pathway was included as a strategy for linking the various tiers of the campus together.



Admin

Food/HRM

Music

OPTION F

**OPTION D** 

Child Dev

Classroom

Classroom

Services

### DEVELOPED OPTIONS



Alternate view - Preferred Option

Options A through E were presented at an open College Presentation in order to solicit input from a broader base. Based on the discussions with the Planning Council and the additional faculty and staff that participated in the open meeting, the planning team developed two additional options. These options included suggested programmatic zoning for the campus.

# Option E – with programmatic zoning

This option included additional detail regarding suggested programmatic zoning of college functions. The new "front door" to the College was defined with three new facilities – the new Student Services Center, the new Art Building and the new Music Building. The committee was pleased with this option, but was concerned with the phasing and implementation consequences.

# Option F - with programmatic zoning

This option included additional detail regarding suggested programmatic zoning of college functions. The new Student Services Center was combined with HRM in the center of campus that strengthened the campus core and created a link to the lake. Some committee members liked this option, particularly because it eliminated some concerns regarding phasing and implementation.



**OPTION E** - Programmatic Zoning



**OPTION F** - Programmatic Zoning

### PREFERRED OPTION

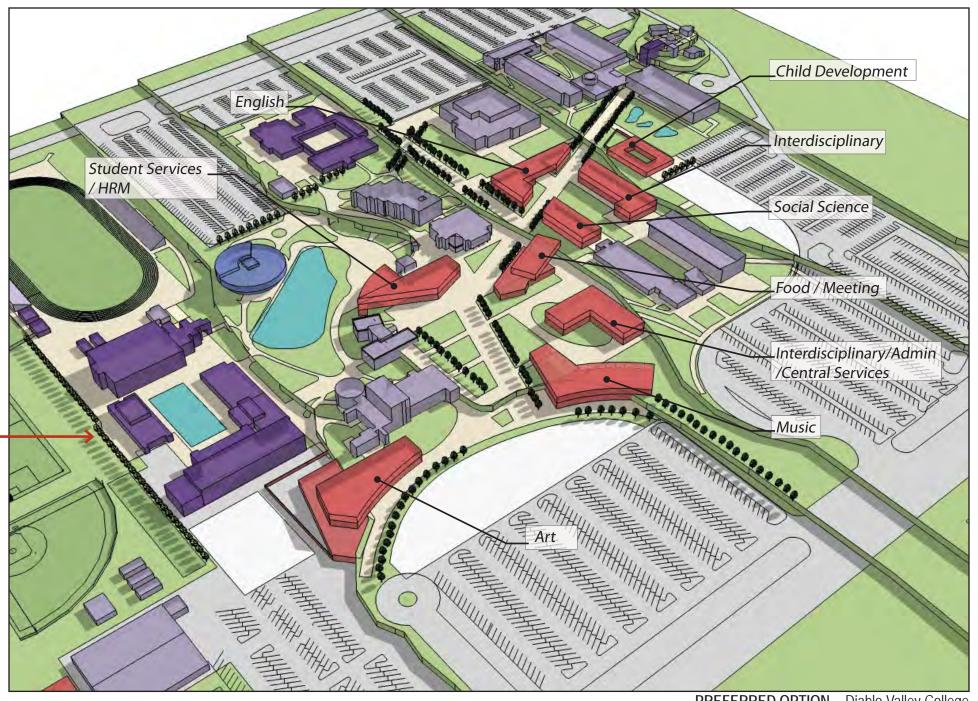


Alternate view - Preferred Option

Options E and F, with programmatic zoning were reviewed and discussed with the Planning Council in order to address the phasing questions and concerns. As a result of the discussion a new idea emerged that led to the development of the Preferred Option.

# **Preferred Option**

The Preferred Option is illustrated on the following page. It recommends the construction of a new Art Building on the open site to the front of the PAC; the construction of a new Music Building in the current location of Art; and the construction of the new Student Services Center in the center of campus. This option addresses all of the College's concerns regarding phasing and implementation and unanimously accepted by the Planning Council.



PREFERRED OPTION - Diablo Valley College

# APPENDIX

### **APPENDIX**



**Existing Campus** 

#### DEVELOPMENT OPTIONS

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This option was explored further.

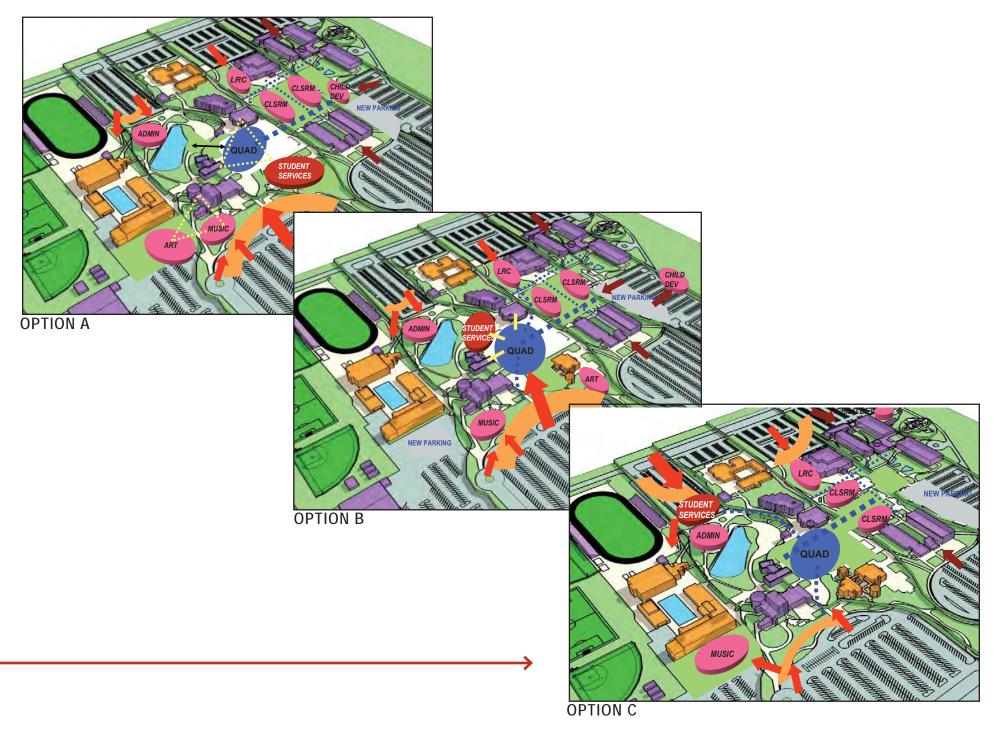
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### DEVELOPED OPTIONS



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### DEVELOPED OPTIONS



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### PREFERRED OPTION

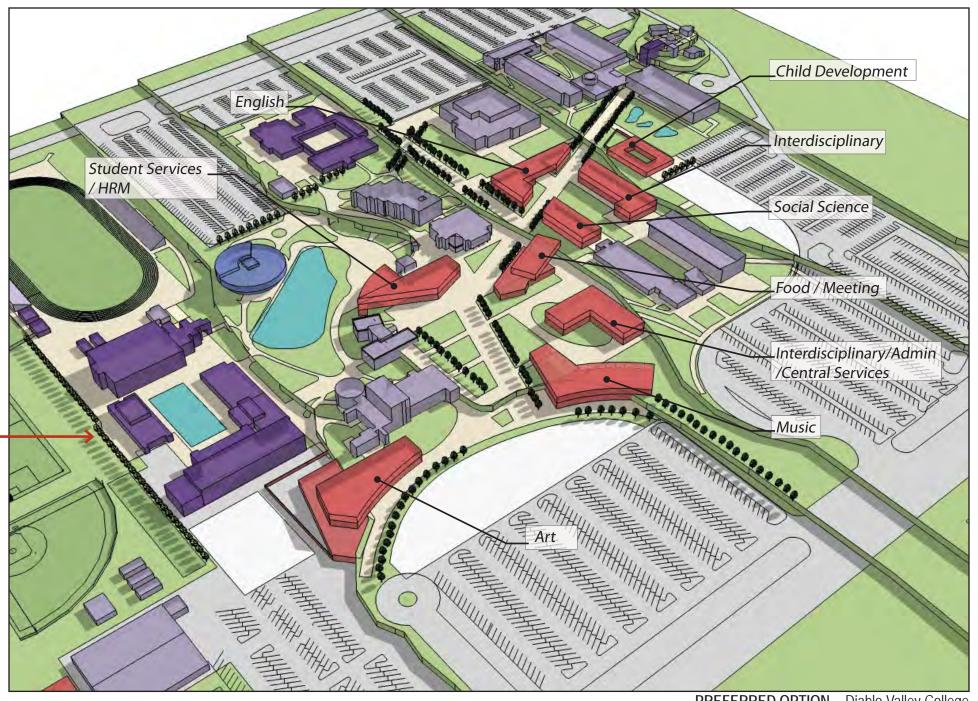


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