



MADERA COMMUNITY COLLEGE CENTER

Facilities Master Plan



MADERA COMMUNITY COLLEGE CENTER

Mission Statement-Strategic Plan Goals



MISSION

Reedley College motivates and empowers students to be successful by providing high-quality, innovative educational opportunities. We inspire a passion for learning to meet the academic and workforce goals of our diverse communities. Our associate degree programs, career technical education, transfer level, and basic skills courses are offered in an accessible and safe learning environment.

VISION

As an exemplary educational institution, Reedley College cultivates professional, well-prepared individuals who will enrich our ever changing local, regional, and global communities.

The Madera Community College Center is currently administered by Reedley College and shares Reedley College's Mission Statement, Strategic Plan Goals and Vision.



Strategic Plan Goals

- 1 *Excellence in Education*
- 2 *Institutional Effectiveness*
- 3 *Leadership in Higher Education and Community Collaboration*
- 4 *Accreditation of Madera Community College Center*

Values

STUDENT SUCCESS

We are committed to students' intellectual empowerment and the development of critical thinking. We are committed to support our students in their pursuit of individual academic, career, and personal goals.

INTEGRITY

We are accountable and transparent, and we adhere to the highest professional standards.
(from district Strategic Plan)

STEWARDSHIP

We are committed to the enhancement, preservation, conservation, and effective utilization of our resources.
(from district Strategic Plan)

INCLUSIVITY

We are committed to and intentional in creating an environment that cultivates, embraces and celebrates diversity.
(from district Strategic Plan)

COLLABORATION

We are committed to fostering a spirit of teamwork with our students, faculty, classified professionals, and administrators while expanding our partnerships with education, industry, and our communities.



MADERA COMMUNITY COLLEGE CENTER

Master Plan Overview



HISTORY

The State Center Community College District recognized the need to increase the educational and support services for residents in the northern portion of the district. In response to this need, the district assigned Reedley College the lead role in the development of what was previously known as the North Centers. The first center to open its doors in 1988 was the Madera Center.

The center was initially housed at Madera High School and in 1989 was moved to Madison Elementary School. In 1996, a site was selected within Madera’s Community College Specific Plan, an area south of the city of Madera. The Madera Community College Center is an integral part of the Madera State Center Community College Specific Plan. This plan serves as a guide for the development of this 1,867-acre Plan Area. The Plan Area is located in the western portion of Madera County and includes a portion of the city of Madera Planning Area.

The 125-acre site was master planned for an ultimate student population of 6,000 full time enrolled students. It is anticipated that the Madera Community College Center will become the fourth accredited college in the district.

While immediate, short-term needs could not be ignored, it was important for the Master Plan to have a long-term focus. A key aspect of the Master Plan was to develop a guide for future decisions and allow flexibility to address changing needs. The immediate demands needed to be addressed without compromising the long-term goals.

The initial development of the Madera Community College Center campus consisted of 21 modular classrooms and a single larger building housing dining, foodservice, bookstore and other student services-related functions. The initial development was a temporary village, planned in concert with the campus Master Plan to serve the immediate needs of the students and the district.

As the campus population increased and the center outgrew their temporary facilities, the first permanent buildings were conceived. Phase One consisted of an Administration Building, Student Services Building, Library and a cluster of classroom and laboratory buildings that are a part of the master planned Academic Village One. Funding restraints required separating the project into two phases. Phase 1A would include the Administration Building, and Phase 1B would include the Academic Village One Buildings. The funding, design and construction process for Phase 1A culminated with the occupation of the first permanent building in August 2000, followed by the completion and opening of Academic Village One in the spring of 2004.

In 2006, responding to the growing need for career technical education training in the Madera area, the district embarked on the construction of the Center for Advanced Manufacturing (CAM). The CAM Building provides space for students to work hands-on in a machine and hydraulics shop, an electric shop, a mechanics shop, and a welding shop. These disciplines are all aspects of the new Maintenance Mechanic Program, which includes courses in welding, hydraulics, pneumatics, electrical motor control, and wiring. No matter its size, a campus needs to provide a basic, yet broad, complement of programs and services. At each phase of its growth, the facilities need to provide this wide range of services and, as growth dictates, be flexible enough to adapt to other functions. The Vocational Facility component of the master plan is ultimately planned for the northwest portion and was located some distance from the current developed campus and utility infrastructure. To overcome this, the CAM Building was constructed in the master planned location of the future campus plant operations and shops building. The building was planned and designed to be easily converted to this function as the campus grows and need for additional vocational facilities increases.

The Madera Community College Center is currently working toward accreditation to become the next Community College in California.



Academic Village One



MADERA COMMUNITY COLLEGE CENTER Master Plan Overview



COHESIVE ARCHITECTURAL CHARACTER

Master Planning

The Madera Community College Center Master Plan was designed to facilitate student and faculty interaction. The major functional spaces are focused around a center core. Parking and vehicle circulation are maintained outside the campus core, yet still provide convenient access to the campus for students and faculty. While immediate, short-term needs could not be ignored, it was important for the Master Plan to have a long-term focus. A key aspect of the Master Plan was to develop a guide for future decisions and allow flexibility to address changing needs. The immediate demands needed to be addressed without compromising the long-term goals.

The initial phase of the campus consisted of a number of modular classrooms situated around a central amphitheater. It also included a Student Service Building housing foodservice and bookstore. The campus central plant was designed to accommodate the future growth of the campus. The temporary modular classrooms will be replaced with permanent facilities as the campus grows and the Master Plan is realized. Phase 1A of the Center, the 25,000 square-foot Administration Building, was conceived and designed to house classrooms, a 250-seat lecture hall, an admissions and registration area, faculty offices, administrative offices, and conference rooms.

The second phase (Phase 1B) of the Madera Community College Center included the first of two Academic buildings, Academic Village One. The series of two-story buildings are connected with canopies and elevated passageways. These new buildings face inward, forming a series of exterior spaces that eventually come together in the central plaza.

With the completion of the Academic Village One Building, the Administration Building (Phase 1A) was adapted to new functions. It continues to fulfill its functional lead as the campus administration, as designated by the campus Master Plan.

The Master Plan indicates academic buildings sitting on a low plateau where they turn their back on the street and are clustered around and facing a central plaza. In contrast, the Administration Building reaches out from the campus plateau to catch the attention of the community as it drives past along Avenue 12. Its prominence on the site notifies every visitor to the site that this is the entry point.

The Administration Building's curved form creates a visual funnel and backdrop to the main entrance to the campus. The Administration Building houses general administrative services, library and learning resource center, media services, registration, counseling services, financial and institutional services, lecture hall, and conference rooms. The building is planned so that as the campus grows, functions such as library services will be moved to new facilities, and the space now occupied by library services will be replaced with more administrative functions.



Administration Building

The design for the campus created a contemporary architecture in a context that draws from the agricultural buildings which are found around it. It creates architecture that is rich, strong, progressive and historical. It creates a design vocabulary with great freedom in materials, texture, colors, and forms. The design qualities of this phase can be readily adapted to the variety of building types that will eventually be constructed on the site.

The valley farm setting inspired forms and materials. The design includes stainless steel roofs, concrete base and walls, and the mirrored curve of the entry facade not only reflects the farmland surrounding it, but also creates an inviting entry into the campus. The Administration Building is designed to be the cornerstone building of the campus. It projects from the campus much like a vessel, which can protect and steer one throughout their journey into the future.



MADERA COMMUNITY COLLEGE CENTER Master Plan Overview



WELL ORGANIZED CAMPUS PLAN

The Madera Community College Center Master Plan was designed to facilitate student and faculty interaction. The major functional spaces are focused around a center core. Parking and vehicle circulation are maintained outside the campus core, yet still provide convenient access to the campus for students and faculty.

Agriculture currently surrounds the site. The area is in transition into a more commercial and residential environment. The district wanted the design of the initial (Administration) building to be powerful and a visual impact to the community in order to create a strong attraction to the campus. The Administration and Academic Buildings are the beginning of a new campus, designed in concert with the Campus Master Plan. They are placed on a plateau 4 feet above the 100 year floodplain. The buildings are set back from busy Avenue 12. The Academic Buildings are clustered around a central plaza and grouped into two academic villages. The Administration Building reaches out toward the street and invites the community into the campus. It makes a strong architectural statement. The design communicates to all that pass by these facilities that the campus is a permanent and important component of the Madera community.

Academic Village One adds additional lecture classrooms, science classrooms, and faculty offices to the campus. With the additional academic spaces in this phase, classrooms in the Administration Building were remodeled and converted to provide additional administrative space and a larger library necessary to serve the needs of the growing campus.



Academic Village One Large Group Instruction

GEOGRAPHIC LOCATION

In addition to the functionality of the campus, the district's priority was to establish a highly visible presence in the Madera community. The Madera community has long felt that educational opportunity in this area of the district had been overlooked. There is a large minority population in this portion of Madera County, and commuting to other centers within the district is difficult. With a population that does not have a history of pursuing higher education, it was important to the community leaders that the campus design create an environment where students would aspire to come and be a part of the educational experience.

The campus design was to have height, mass, and identity. It needed to be visible from Highway 99 and capture the attention of vehicular traffic on Avenue 12. The campus front is on Avenue 12. Avenue 12 is a major avenue connecting a large population base in east Fresno County with Highway 99 and Madera. This presents an opportunity to market and serve the commuter population. By its visual presence, it must beckon the people in the college's enrollment area to take advantage of the educational opportunities offered there. There was a need to create an instant presence for the college in the Madera community.

AMENITIES

Community Presence

Colleges are often known by the way in which students and the community interact with the campus as a cultural institution. It is the range of amenities that solidifies the role and value of the college to its constituents. Although located in a rural region of Madera County, the design of the campus communicates to those in traffic, that pass by, that the campus is a permanent and important component of the Madera community. The composition of the buildings forms and the artistic integration of the building materials convey permanence and express the advanced technology of the college's curriculum.



MADERA COMMUNITY COLLEGE CENTER

Master Plan Overview

Lack of Student Life Amenities

As the Madera Community College Center is remotely located from both the city of Madera and the city of Fresno, students tend to remain on the campus for longer periods of time. Services needed by students for social interaction, spaces conducive to casual interface, and activities that support student life and ultimately, student success, are currently lacking. It was determined that amenities that support and enhance student life are needed to engage students and engender a heightened college atmosphere on the Madera campus. Furthermore, it has been observed that when students are more engaged in clubs, programs, and other extra-curricular activities, it demystifies college, and they are less likely to drop out.

Additional student activities and programs that will galvanize a stronger connection between students and the campus have been identified by staff as a critical need. To meet the needs of the student body for an enhanced college experience, the Master Plan proposes development of a comprehensive Student Center.

Although open spaces exist on the campus, the addition of covered seating areas that are shaded in the summer and protected in the winter are needed.

Expansion Potential

The updated Master Plan provides buildings and facilities necessary to meet the projected growth in community and student populations.

The district is not occupying the northern portion of the site. This area is currently being farmed and will remain in agricultural production until the additional site area is needed for the expansion of the campus.

The site water and sewer utilities likely have capacity for the proposed 2030 expansions but were not originally sized for the ultimate build-out of the campus. Domestic and fire protection water needs are served by a well and storage tanks. The site is also served by a forced sewer main. The existing sewer and water systems will require further analysis to verify they are adequate for the proposed 2030 development.

With respect to the Environmental Impact Report (EIR) Resolution No. 00-118, the SCCC Board of Trustees finds and declares that no subsequent EIR or Mitigated Negative Declaration shall be prepared for phase of the Madera Community College Center project subsequent to Phase 1B unless required pursuant to State CEQA Guidelines Section 15162. On November 7, 1995, the Madera County Board of Supervisors adopted Resolution No. 95-290 certifying the State Center EIR. The district should consult with the lead agency to determine if the addition of the Child Development Center to the Master Plan constitutes a “substantial change” to the project.

The Central Plant Building has been designed to serve the campus needs in the ultimate build-out, with portions of the building currently being used for warehousing. This function will be relocated as additional equipment is added to complete the necessary utilities.



MADERA COMMUNITY COLLEGE CENTER

Master Plan Overview



PROPOSED MASTER PLAN

New Building /Additions – 2030 Master Plan Phase

The 2030 Master Plan calls for seven building-expansion projects identified to meet specific goals to improve student success as well as athletic facilities to serve the needs of the physical education program. They include the following:

The construction of Academic Village 2 (Bldg. 12) to expand the library and tutorial spaces, class labs for nursing and engineering, and additional offices. The construction of this building will free up space in the current administration building to house additional administrative staff necessary to support campus growth.

The expansion of the current Academic Village 1 (Bldg. 11a) to provide additional laboratory space to meet the future needs of both physical and life sciences, lecture, student collaboration spaces, and faculty offices.

A new Child Development Center (Bldg. 22) is currently sited to provide easy access from Road 30 and proximity to the campus core connecting the child care functions with the child development academic programs. Discussion is ongoing to consider locating the building closer to the campus central core.

Expansion of the vocational technology programs will be addressed with the development of the master planned vocational facilities identified as Building 21 in the 2030 Master Plan. The vocational facilities are sited in the northwest portion of the campus to facilitate the anticipated growth in vocational education and address the industrial nature of these programs.

The Center for Ag and Technology (Bldg.54) is currently under construction.

Warehouse/Shipping and Receiving (Bldg. 52) will include shipping, receiving, and warehouse functions to serve the maintenance and operation needs of the campus.

The Field House (Bldg. 65) is located to serve the athletic fields. A soccer field and running track are also planned.

Master Plan Ultimate Build-Out

The Master Plan build-out calls for six additional buildings. They include the following:

The construction of a Learning Resource Center (Bldg. 41). Once constructed the library and tutorial spaces in the Academic Center Two Building will be repurposed to provide additional lab, lecture, student collaboration, and office space.

The construction of the Cafeteria/Bookstore (Bldg. 42) will include food service, bookstore merchandising space, recreational facilities, meeting space for student government, and other amenities to solidify the requirements of an accredited college campus.

In addition, the Master Plan build-out provides for a Performing Arts Complex (Bldg. 63), a Gymnasium Shower/Locker Building and Snack Bar (Buildings 61, 62, and 43) forming a physical education complex necessary to complete this college campus.

Traffic and Parking

The Master Plan provides for approximately 1,637 parking stalls. Based on parking ratio recommended by the traffic consultant, the parking will serve approximately 9,000 staff, employees, and students at build-out.

At present, all study intersections operate at an acceptable Level of Service (LOS). However, assuming traffic along Avenue 12 increases by an average annual rate of 2.0 percent, the intersection of campus Main Street and Avenue 12 is projected to operate at an unacceptable LOS by the year 2028. Since the intersection is not projected to meet the peak hour signal warrant in the year 2028, signalization of this intersection is not recommended. However, to improve traffic operations at this location by the year 2028, it is recommended that the SCCC work with the county of Madera to install a single-lane roundabout.

Master Garden

The Master Garden is not a Madera Community College Center program; however, it has helped support programs on the campus such as agriculture and the new plant science class. The Master Garden will ultimately be relocated from its present location as the campus develops. The new Master Garden location will require proper utilities; power, water, etc. It is proposed to include space for future greenhouses to accommodate future plant science classes.



MADERA COMMUNITY COLLEGE CENTER Master Plan Overview



PARKING/TRAFFIC CONSTRAINTS

At present, all study intersections operate at an acceptable Level of Service (LOS). However, assuming traffic along Avenue 12 increases by an average annual rate of 2.0 percent, the intersection of campus main street and Avenue 12 is projected to operate at an unacceptable LOS by the year 2028. It is anticipated that the intersection will operate at LOS F with a delay of 55.1 seconds. For two-way and one-way stop-controlled intersections, the recorded delay is for the worst approach. In this case, the worst approach was that for the southbound movement. Since the intersection is not projected to meet the peak hour signal warrant in the year 2028, signalization of this intersection is not recommended. However, to improve traffic operations at this location by the year 2028, it is recommended that the SCCCD work with the county of Madera to install a single-lane roundabout.

Table III: Madera Community College Center - Existing Intersection LOS Results

ID	Intersection	Intersection Control	(7-9) AM Peak Hour		(4-6) PM Peak Hour	
			Average Delay (sec/veh)	LOS	Average Delay (sec/veh)	LOS
1	Campus Main St / Parking Lot A Access	One-Way Stop	8.4	A	8.6	A
2	Campus Main St / Parking Lots B/C Access Road	Two-Way Stop	11.1	B	13.9	B
3	Campus Main St / Avenue 12	One-Way Stop	17.5	C	31.5	D

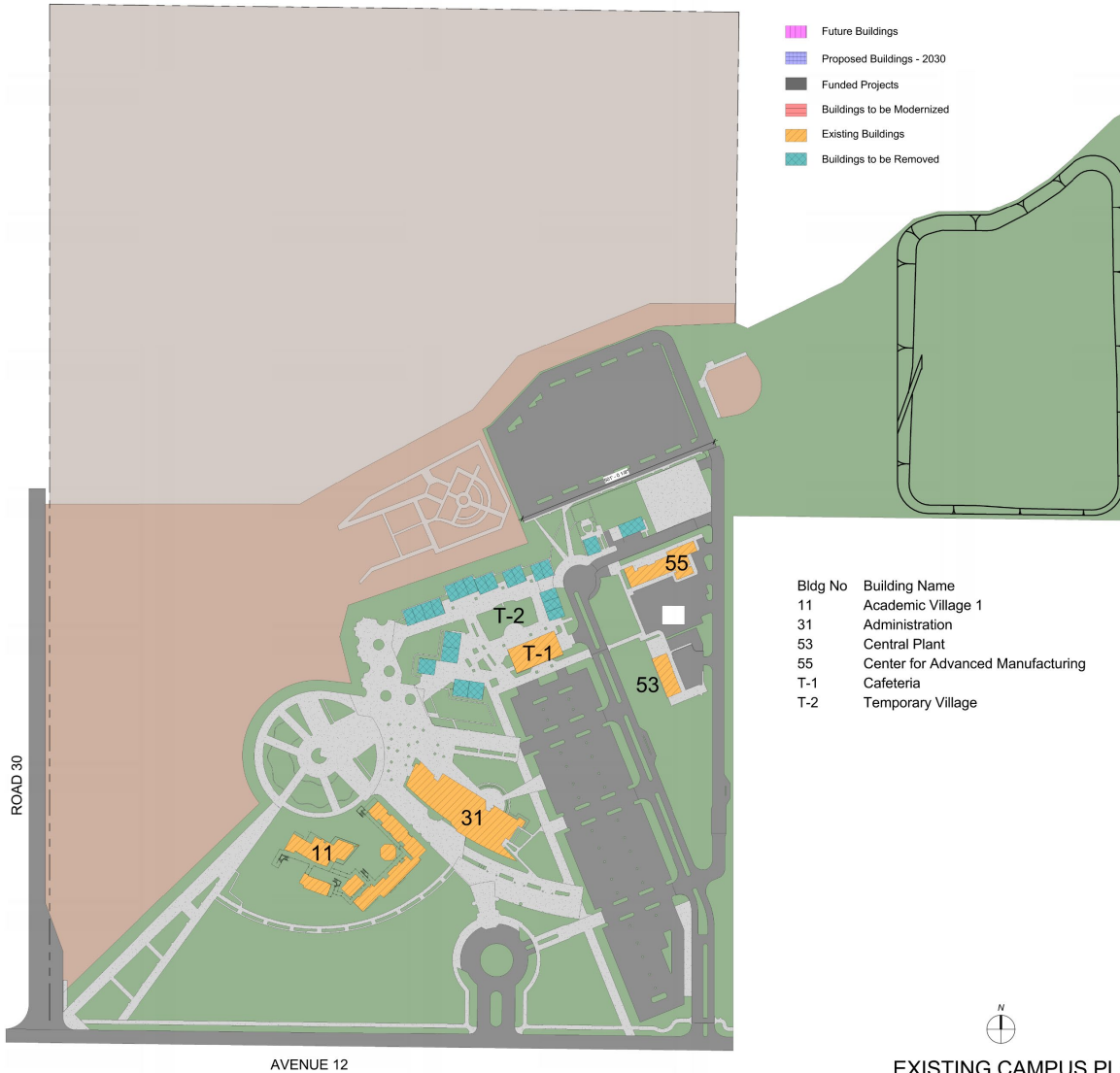
Note: LOS = Level of Service based on average delay on signalized intersections and All-Way STOP Controls
 LOS for two-way and one-way STOP controlled intersections are based on the worst approach/movement of the minor street.

Based on the parking demand observation and the current enrollment of 2,118 FTE students, Madera Community College Center has an ample supply of parking stalls.

Given the current parking demand and the projected FTE student enrollment at MCCC, it is anticipated that the MCCC campus will have sufficient parking supply to accommodate the projected FTE student enrollment in the year 2028.



MADERA COMMUNITY COLLEGE CENTER Existing Campus Plan



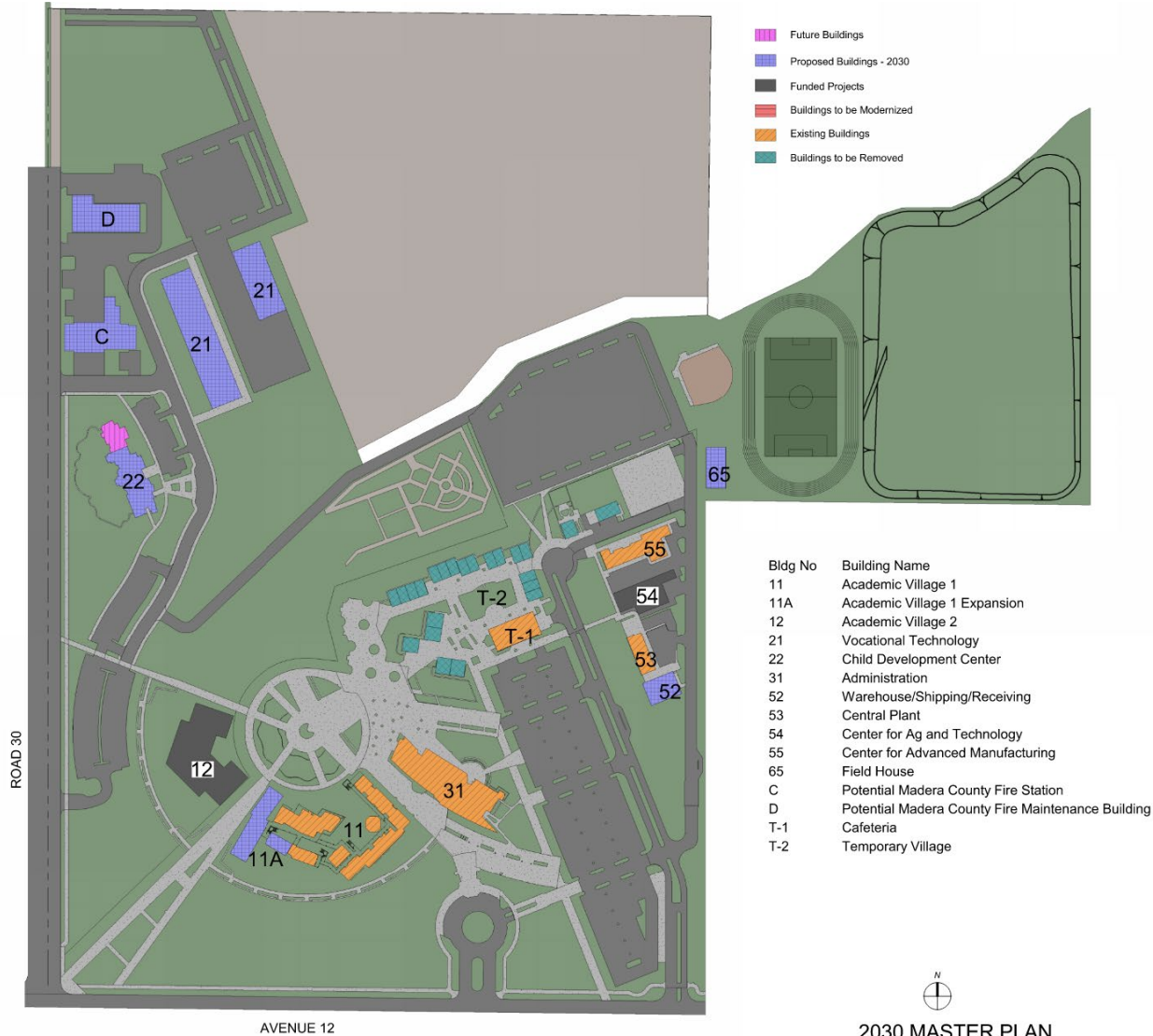
- Future Buildings
- Proposed Buildings - 2030
- Funded Projects
- Buildings to be Modernized
- Existing Buildings
- Buildings to be Removed

Bldg No	Building Name
11	Academic Village 1
31	Administration
53	Central Plant
55	Center for Advanced Manufacturing
T-1	Cafeteria
T-2	Temporary Village


 EXISTING CAMPUS PLAN

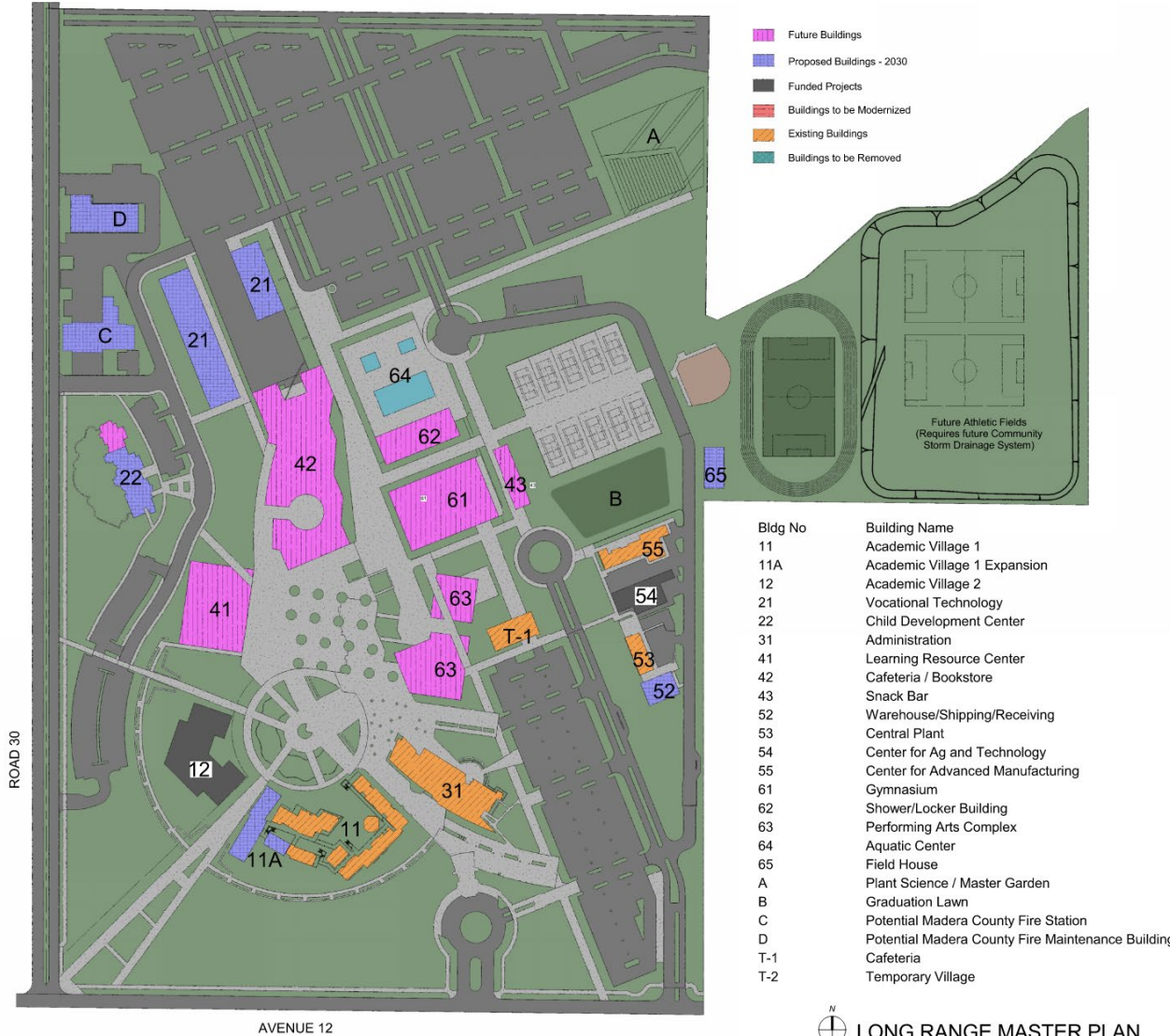


MADERA COMMUNITY COLLEGE CENTER 2030 Master Plan



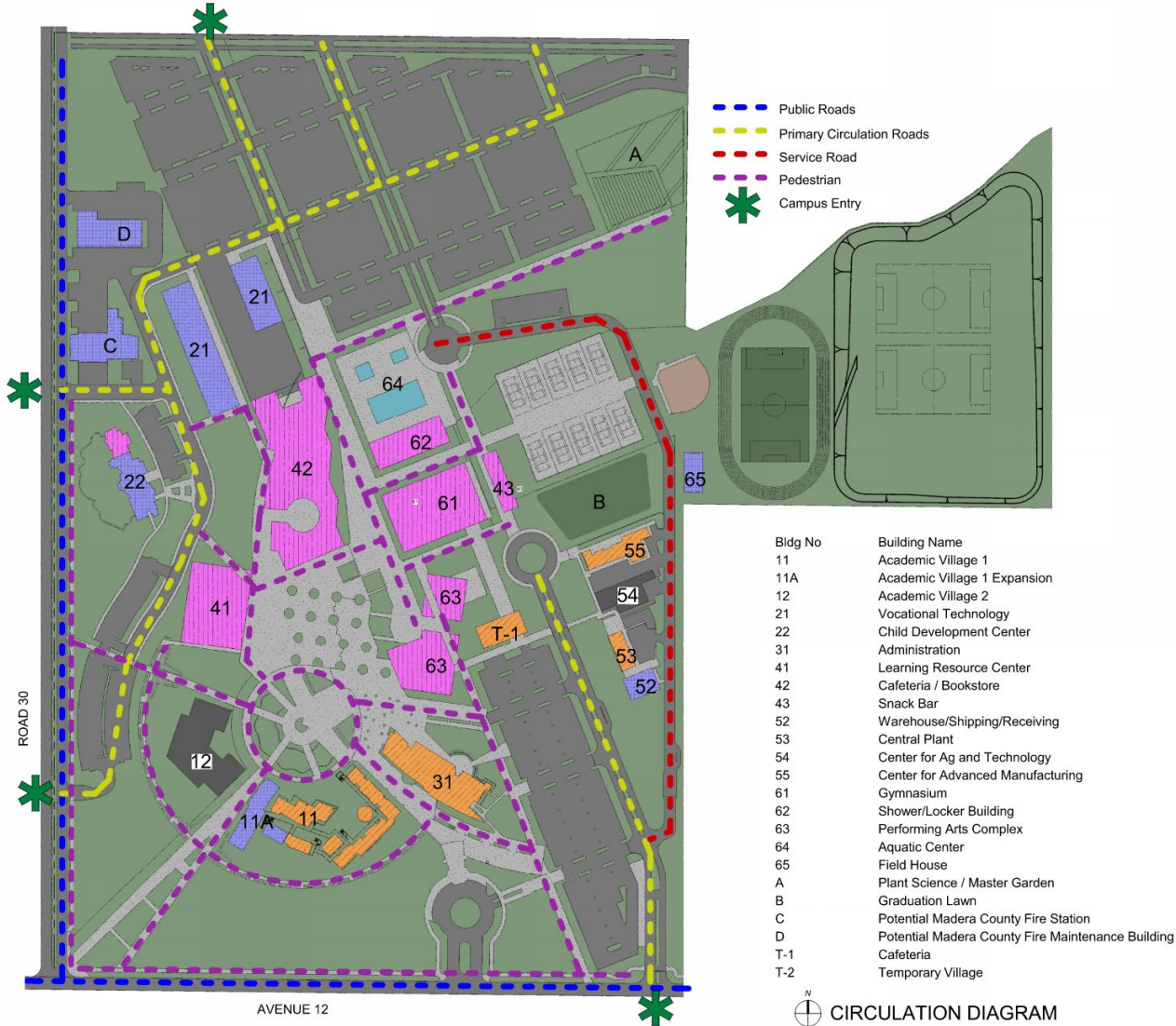


MADERA COMMUNITY COLLEGE CENTER Long Range Master Plan





MADERA COMMUNITY COLLEGE CENTER Circulation Plan





MADERA COMMUNITY COLLEGE CENTER Landscape Master Plan





MADERA COMMUNITY COLLEGE CENTER

Recommendations

Projects/ Priorities/Phasing



Current Approved FPP

None

Current Approved IPP

None

FUNDED PROJECTS

Academic Village Two
Center for Agriculture and Technology

2030 PROPOSED PROJECTS

Academic Village One Expansion
New Child Development Center
Vocational Technology Buildings
Warehouse/Shipping/Receiving

LONG RANGE PROPOSED PROJECTS

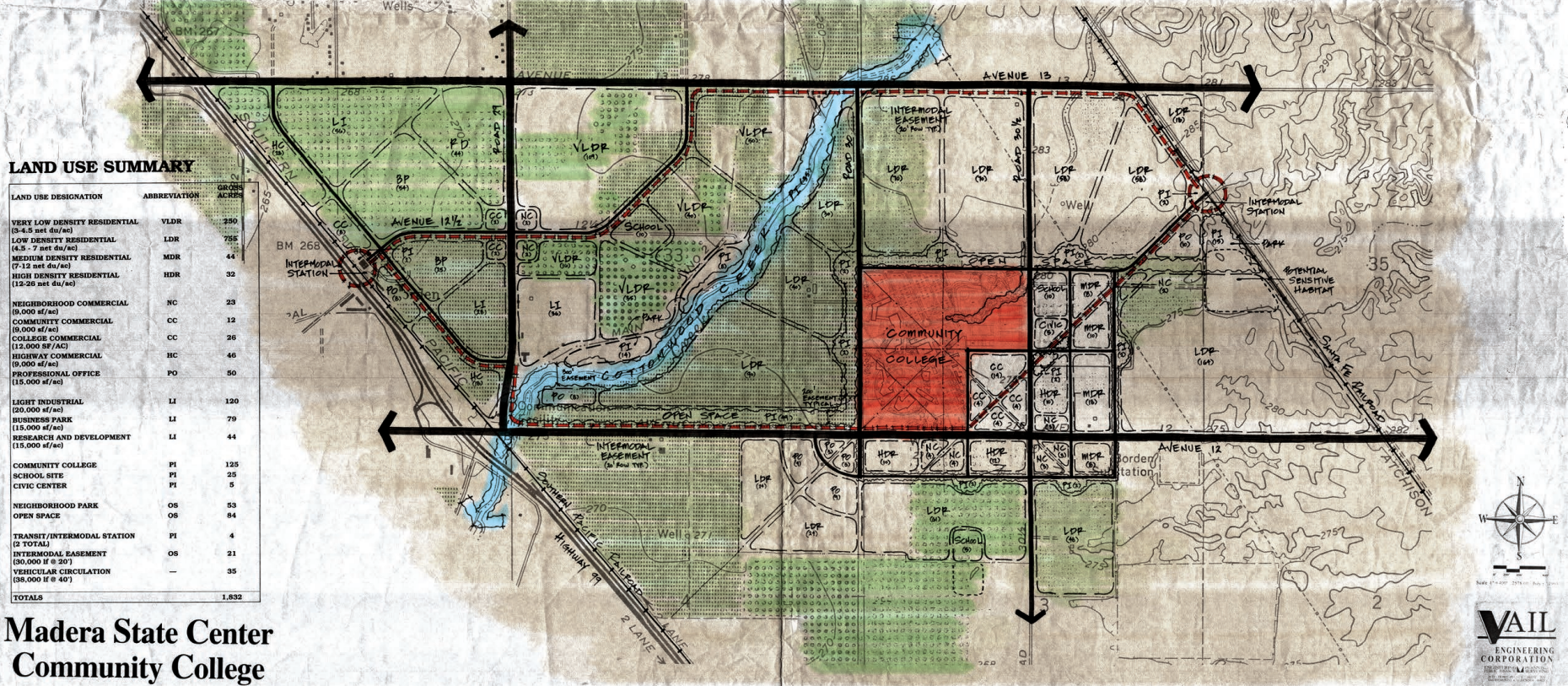
Cafeteria/Bookstore
Gymnasium/Shower Locker Buildings
Learning Resource Center
Performing Arts Building
Snack Bar



MADERA COMMUNITY COLLEGE CENTER Neighborhood Zoning Plan



Conceptual Land Use Plan



LAND USE SUMMARY

LAND USE DESIGNATION	ABBREVIATION	ACRES
VERY LOW DENSITY RESIDENTIAL (3-4.5 net du/ac)	VLD	230
LOW DENSITY RESIDENTIAL (4.5 - 7 net du/ac)	LDR	758
MEDIUM DENSITY RESIDENTIAL (7-12 net du/ac)	MDR	44
HIGH DENSITY RESIDENTIAL (12-26 net du/ac)	HDR	32
NEIGHBORHOOD COMMERCIAL (8,000 sf/ac)	NC	23
COMMUNITY COMMERCIAL (8,000 sf/ac)	CC	12
COLLEGE COMMERCIAL (12,000 sf/ac)	CC	26
HIGHWAY COMMERCIAL (8,000 sf/ac)	HC	46
PROFESSIONAL OFFICE (15,000 sf/ac)	PO	50
LIGHT INDUSTRIAL (20,000 sf/ac)	LI	120
BUSINESS PARK (15,000 sf/ac)	LI	79
RESEARCH AND DEVELOPMENT (15,000 sf/ac)	LI	44
COMMUNITY COLLEGE	PI	125
SCHOOL SITE	PI	25
CIVIC CENTER	PI	5
NEIGHBORHOOD PARK	OS	53
OPEN SPACE	OS	84
TRANSIT/INTERMODAL STATION (2 TOTAL)	PI	4
INTERMODAL EASEMENT (20,000 lf @ 20')	OS	21
VEHICULAR CIRCULATION (38,000 lf @ 40')	-	35
TOTALS		1,832

**Madera State Center
Community College**



Madera State Center Community College Specific Plan July 19, 1995



OAKHURST COMMUNITY COLLEGE CENTER

Facilities Master Plan



OAKHURST COMMUNITY COLLEGE CENTER

Mission Statement-Strategic Plan Goals



MISSION

Reedley College motivates and empowers students to be successful by providing high-quality, innovative educational opportunities. We inspire a passion for learning to meet the academic and workforce goals of our diverse communities. Our associate degree programs, career technical education, transfer level, and basic skills courses are offered in an accessible and safe learning environment.

VISION

As an exemplary educational institution, Reedley College cultivates professional, well-prepared individuals who will enrich our ever changing local, regional, and global communities.

The Oakhurst Community College Center is currently administered by Reedley College and shares Reedley College's Mission Statement, Strategic Plan Goals and Vision.



Strategic Plan Goals

- 1 *Excellence in Education*
- 2 *Institutional Effectiveness*
- 3 *Leadership in Higher Education and Community Collaboration*
- 4 *Accreditation of Madera Community College Center*

Values

STUDENT SUCCESS

We are committed to students' intellectual empowerment and the development of critical thinking. We are committed to support our students in their pursuit of individual academic, career, and personal goals.

INTEGRITY

We are accountable and transparent, and we adhere to the highest professional standards.
(from district Strategic Plan)

STEWARDSHIP

We are committed to the enhancement, preservation, conservation, and effective utilization of our resources.
(from district Strategic Plan)

INCLUSIVITY

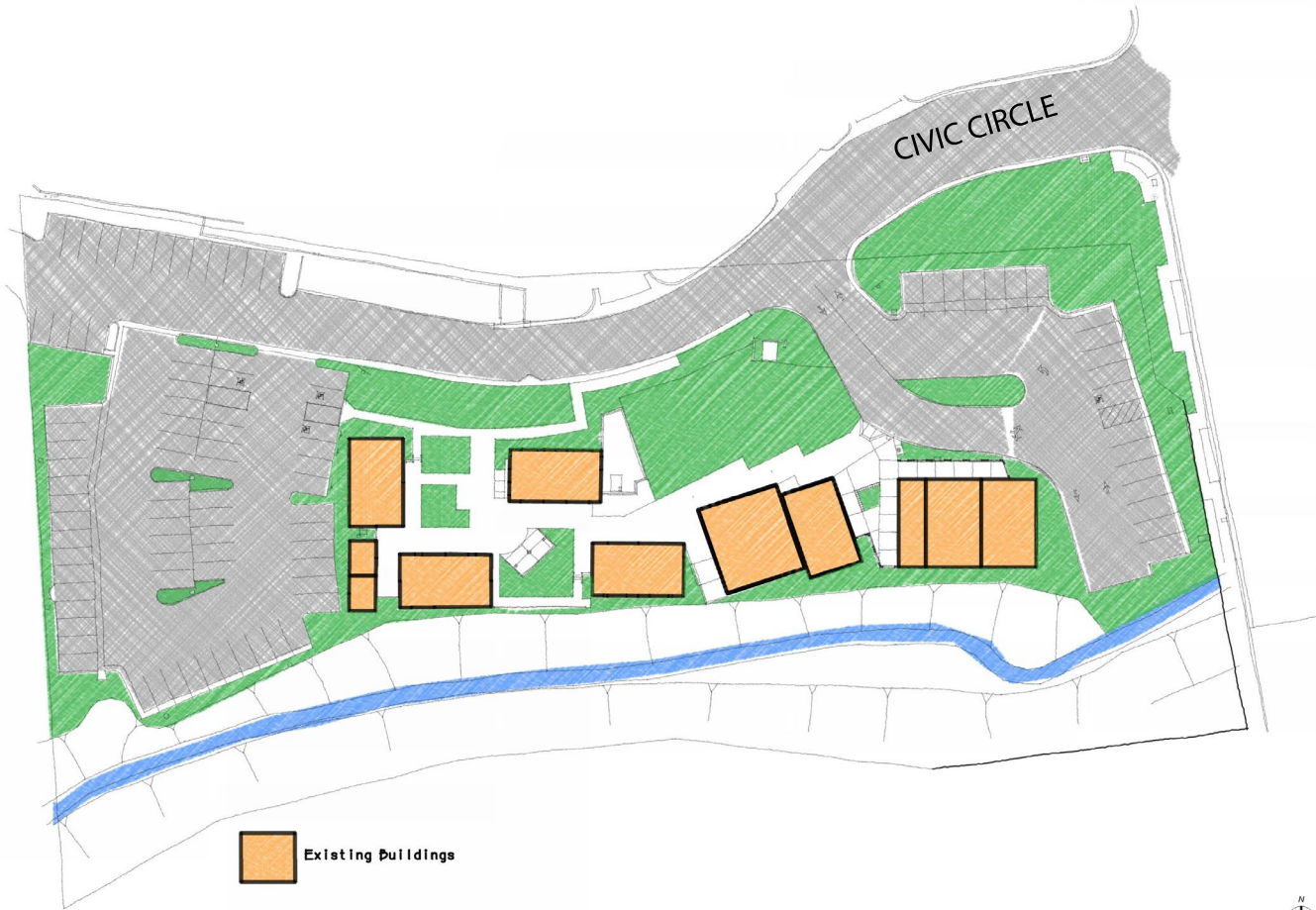
We are committed to and intentional in creating an environment that cultivates, embraces and celebrates diversity.
(from Strategic Plan)

COLLABORATION

We are committed to fostering a spirit of teamwork with our students, faculty, classified professionals, and administrators while expanding our partnerships with education, industry, and our communities.



OAKHURST COMMUNITY COLLEGE CENTER Existing Campus Plan



OAKHURST EXISTING SITE



OAKHURST COMMUNITY COLLEGE CENTER Master Plan

HISTORY

State Center Community College District Board of Trustees established centers in the district's northern area in an effort to increase the educational and student support services offered to the residents in that area. The SCCC Board of Trustees assigned Reedley College to assume the lead role in the development of the Madera and Oakhurst sites. Yosemite High School was the site for the first course offerings in Oakhurst, beginning in 1990.

The Oakhurst campus is made up of temporary relocatable modular buildings. In 1996, the Oakhurst Center was established with a few portables to provide basic education services to the constituents of northeastern Madera County. Over the years as the educational needs of an increasing mountain population have increased, portables have been added to the Oakhurst site to provide the most basic accommodations for education facilities needs. These temporary facilities were never intended to meet the long-term objectives of the Oakhurst campus.

As the community has grown, so have the number of class sections offered at the Oakhurst Center. Students now can earn an Associate Degree and earn most units required to transfer to a four-year college or university. To meet students' requests to complete degree requirements locally, more distance learning courses are available, including two way interactive television delivery with CSUF and SCCC sites and online courses.

In March of 2018, the SCCC Board of Trustees approved the purchase of 30.20 acres of property located on the west side of Westlake Drive, north of Highway 49 in Oakhurst. This will be the new site of the Oakhurst Community College Center.

MASTER PLAN



Phase 1 is planned to include student support spaces, collaboration areas, administration offices, a community/multi-purpose room, shared biology/chemistry lab, lab support space, a computer lab, and library/tutorial space, and general education classrooms that are equipped with distance learning infrastructure. The first phase is also programmed to include a museum that will showcase Oakhurst Center's robust taxidermy collection.

