MiraCosta College

MiraCosta College
Facilities Master Plan Update
Appendix, Volume III

STEINBERG

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Appendix, Volume III

Appendix

7.0 | Process Summary

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Process Summary
Introduction

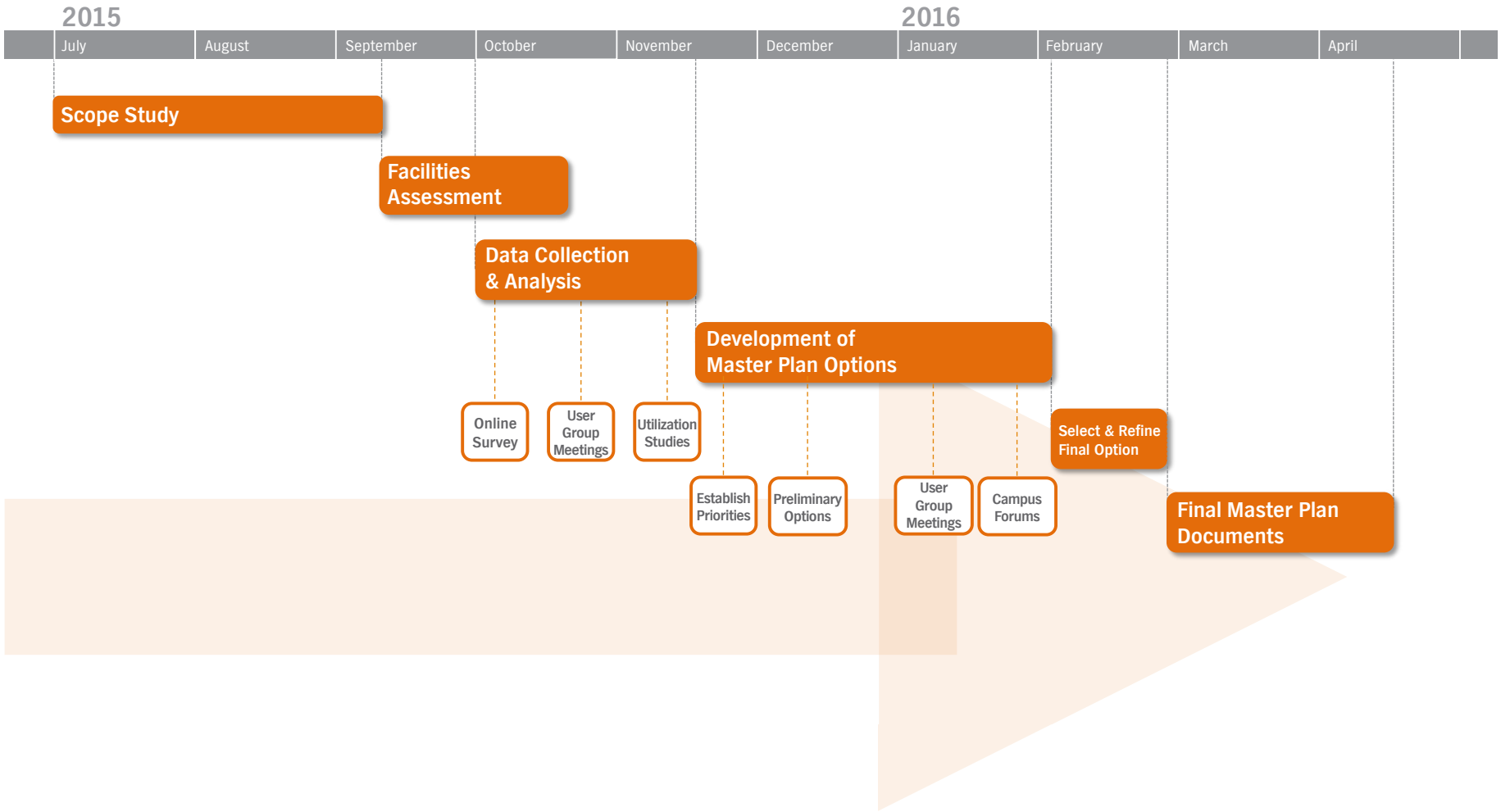
The MiraCosta Facilities Master Plan Update began in July 2015. After an initial scope study and determination phase, the master plan process centered around two steps: step one focused on data collection and analysis; step two developed the findings into a comprehensive master plan that addressed the current and future needs of the MiraCosta Community College District.

The master planning process leveraged a variety of resources to create a holistic analysis of the College including:

- Workshops with the Leadership Committee, Facilities team, user groups, students, and other groups;
- Visioning exercises with faculty, staff, and students to gather conceptual feedback;
- Public forums to gather campus-wide feedback; and
- An online survey to provide a platform for feedback from all students, faculty, and staff (see Survey Analysis section).

Over 200 people participated in the various meetings, presentations, and/or forums. More than 750 people participated in the online survey.

Process Summary
Schedule



Process Summary
Meetings

The following meetings were held as part of the master planning process:

JULY 27, 2015
- Kick-Off Meeting
- Campus Tours

AUGUST 4, 2015
- Civil, Parking & Traffic Meeting
- Campus Accessibility Meeting
- Sustainability Meeting
- Landscape Meeting
- Mechanical, Electrical, Plumbing Meeting
- Security Meeting

AUGUST 7, 2015
- Instructional Deans & Leadership Visioning Meeting

AUGUST 12, 2015
- Information Technology Meeting

AUGUST 14, 2015
- FMP Leadership Group Meeting

AUGUST 18, 2015
- BPC Facilities Subcommittee Meeting

SEPTEMBER 9, 2015
- Board of Trustees Meeting

OCTOBER 7, 2015
- Mechanical, Electrical, Plumbing Meeting
- Institutional Effectiveness Meeting

OCTOBER 9, 2015
- Academic Affairs Meeting
- Institutional Effectiveness Meeting

OCTOBER 12, 2015
- FMP Leadership Group Meeting

OCTOBER 14, 2015
- Facilities and Grounds Meeting
- Instructional Deans Meeting

OCTOBER 15, 2015
- Technology Meeting
- Educational Master Plan Review

OCTOBER 16, 2015
- Campus Advisory Committee Meeting
- Student Government Meeting

OCTOBER 19, 2015
- Security Meeting

OCTOBER 23, 2015
- Institutional Program Meeting

OCTOBER 28, 2015
- Board of Trustees Presentation

NOVEMBER 3, 2015
- CLC Student Focus Group
- Student Services Meeting
- San Elijo Campus Meeting

NOVEMBER 5, 2015
- CLC Campus Meeting
- Department Chairs/Directors Meeting

NOVEMBER 18, 2015
- Board of Trustees Workshop

DECEMBER 11, 2015
- Sustainability Advisory Committee

DECEMBER 14, 2015
- FMP Leadership Group Meeting

DECEMBER 16, 2015
- Board of Trustees & Leadership Workshop

JANUARY 20, 2016
- FMP Leadership Group Meeting
- Facilities/Grounds Meeting
- Security Meeting
- Technology Meeting

JANUARY 27, 2016
- Instructional Deans Meeting

JANUARY 29, 2016
- Campus Forum Presentation at Oceanside
- Campus Forum Presentation at San Elijo
- Campus Forum Presentation at CLC
- Sustainability Advisory Committee
- Athletic Director Meeting

FEBRUARY 8, 2016
- FMP Leadership Group Meeting

FEBRUARY 17, 2016
- FMP Leadership Group Meeting

FEBRUARY 27, 2016
- Board of Trustees Presentation

MARCH 3, 2016
- Department Chairs Presentation

MARCH 16, 2016
- Board of Trustees Meeting
- Master Plan Cost Presentation

Appendix

8.0 | FMP Design Options

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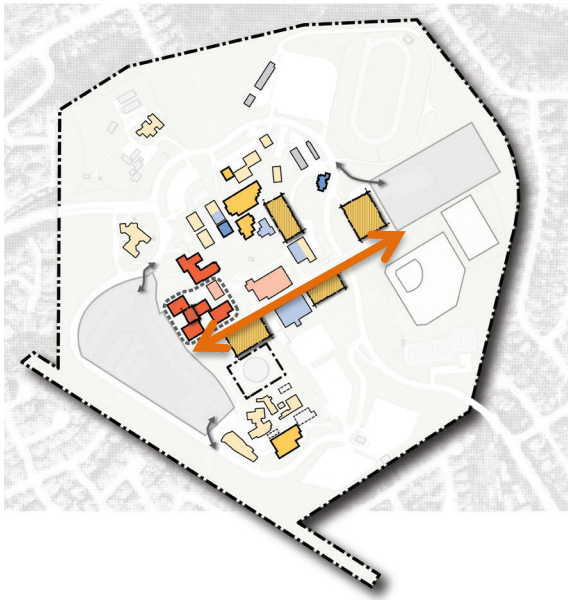
Design Options
Oceanside Campus

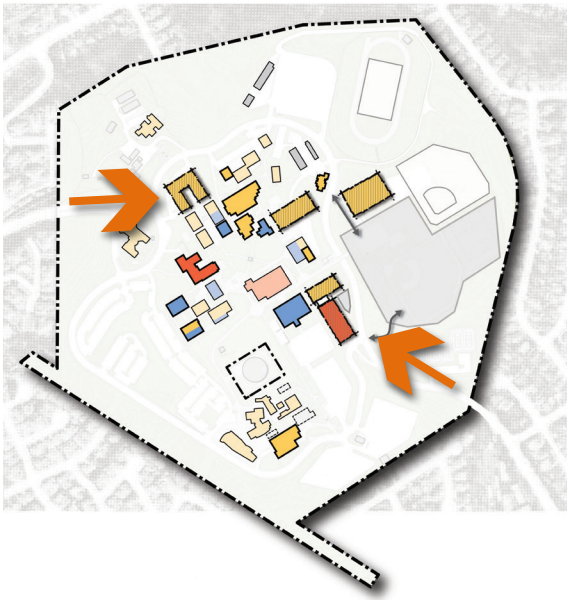
12/16/2015 Preliminary Options

Option A - Main Street



Option B - Academic Hubs

Option C - Identity & Entry



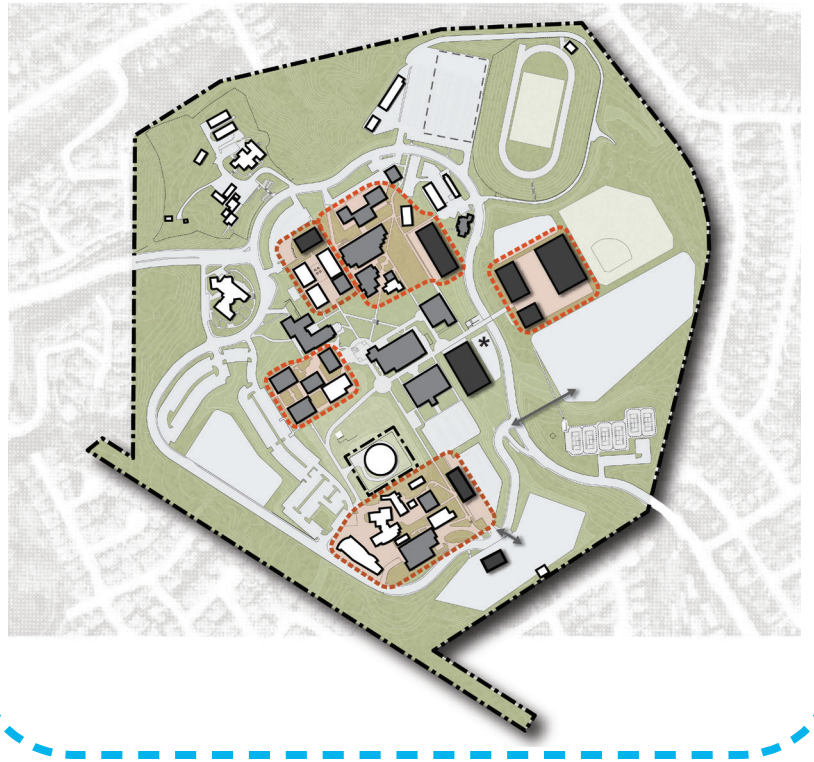
instructional
student resources
offices

existing
remodeled
new construction

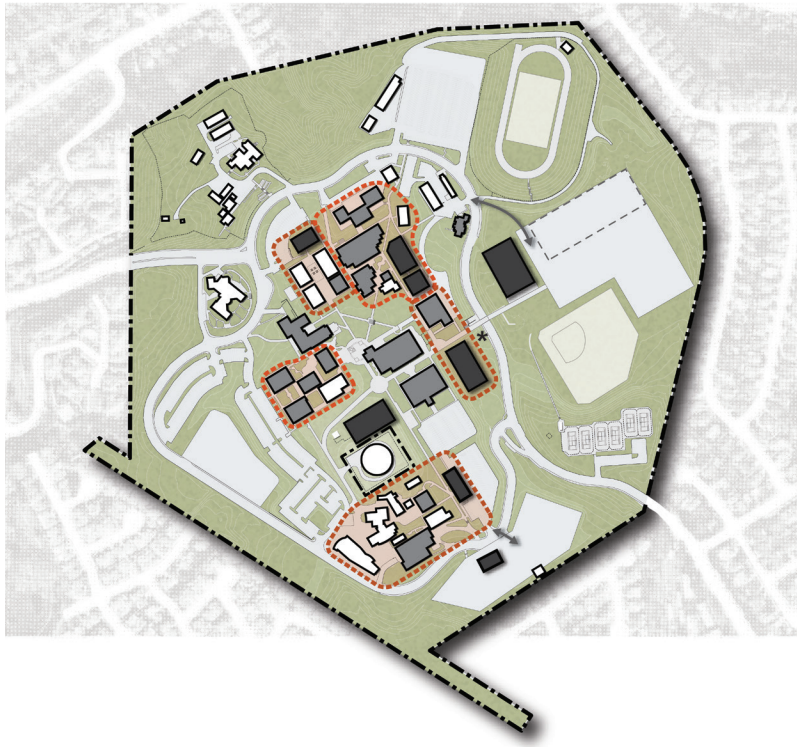
Design Options
Oceanside Campus

01/27/2016 Options

Option B1



Option B2

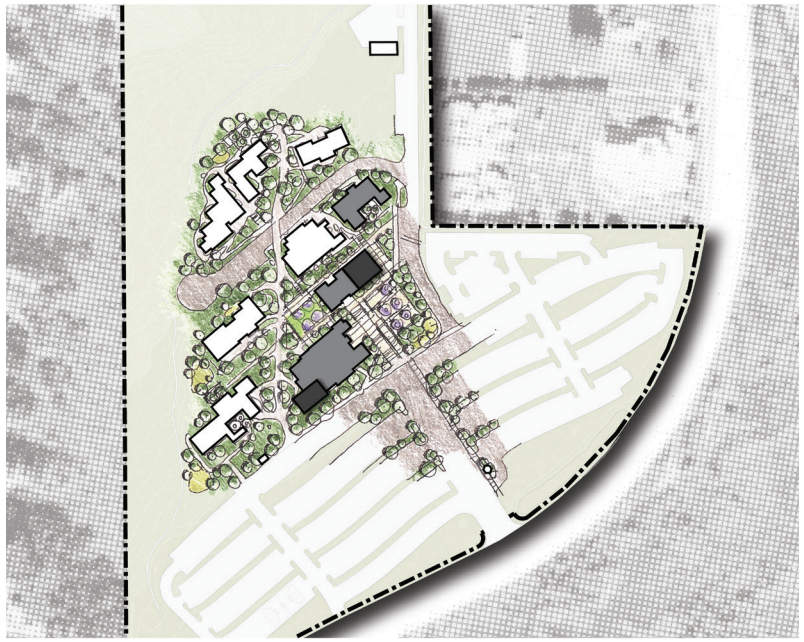


existing
renovated
new construction

Design Options
San Elijo Campus

01/27/2016 Options

Option A



Option B

existing
renovated
new construction

Design Options
CLC Campus

01/27/2016 Options

Option A

Option B

existing
renovated
new construction

9.0 Appendix
Assessments

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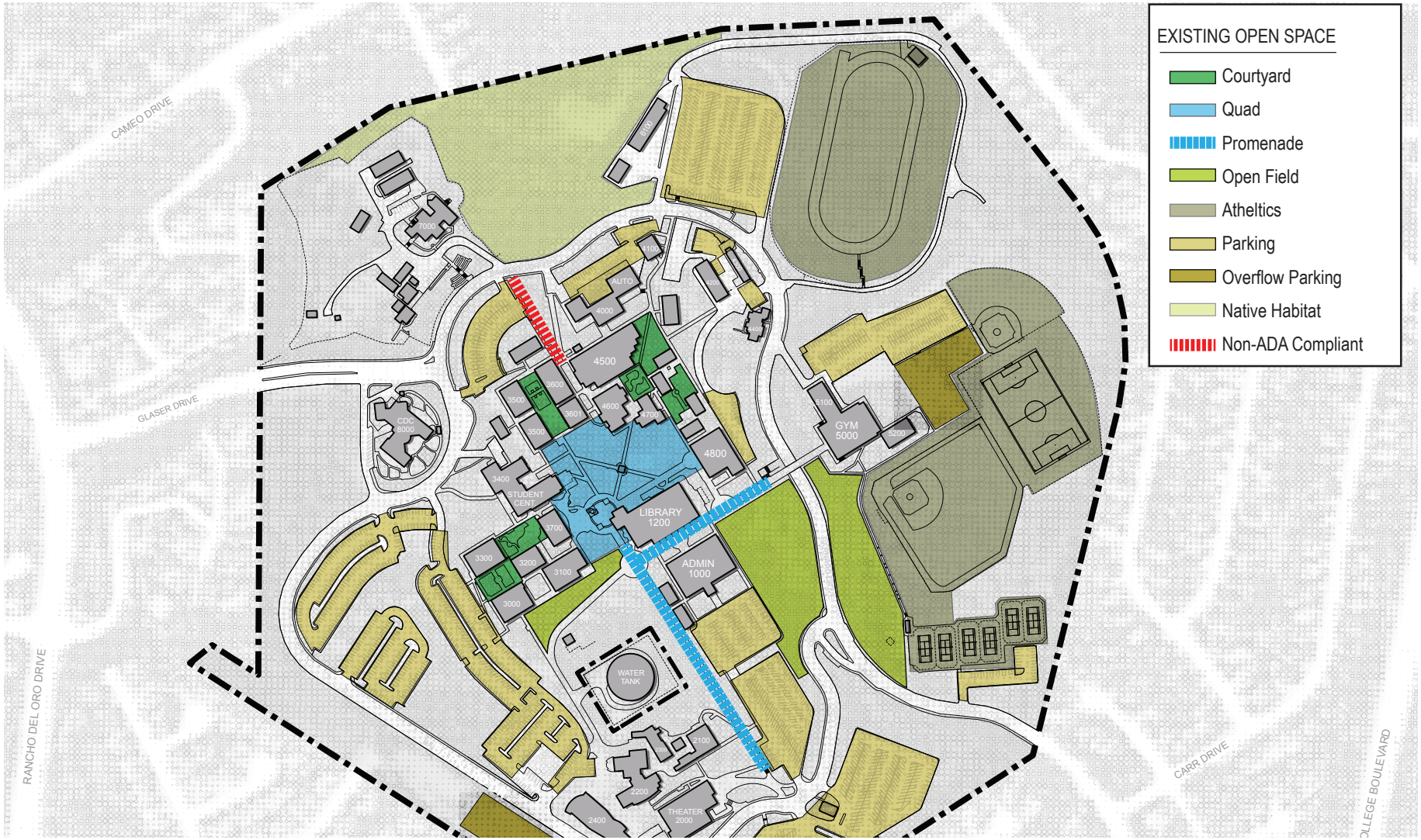
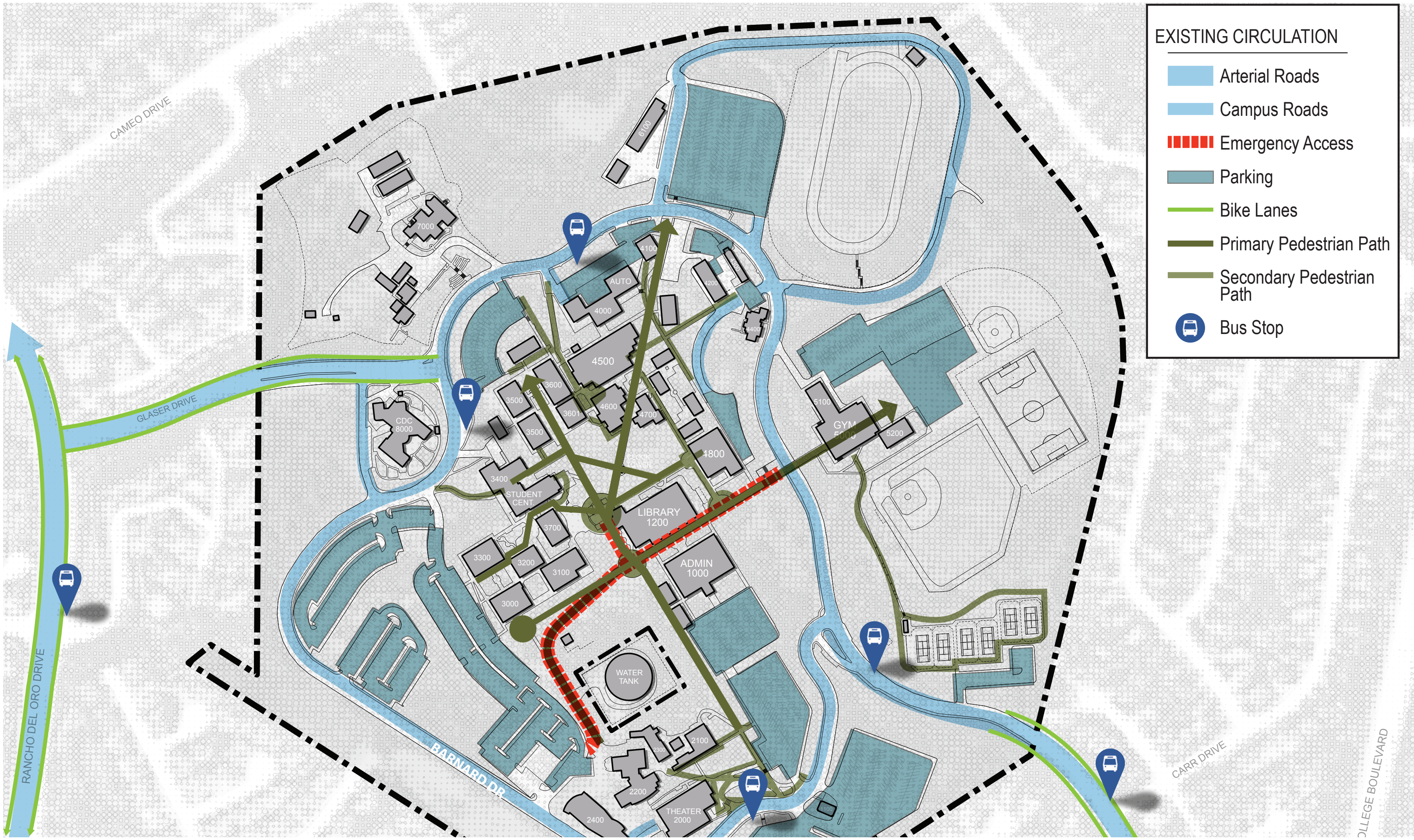
Appendix

Landscape Assessments

Landscape Assessments
Oceanside Campus




EXISTING CIRCULATION
Arterial Roads
Campus Roads
Emergency Access
Parking
Bike Lanes
Primary Pedestrian Path
Secondary Pedestrian Path
Bus Stop
CAMEO DRIVE
GLASER DRIVE
RANCHO DEL ORO DRIVE
BARNARD DR
CARR DRIVE
4500
4800
LIBRARY
1200
ADMIN
1000
STUDENT CENT
WATER TANK
THEATER
2000
GYM
5100
5200
3400
3300
3200
3100
3000
3700
3500
3600
3601
4600
4700
4000
AUTO
7000
CDC
8000
2100
2200
2400

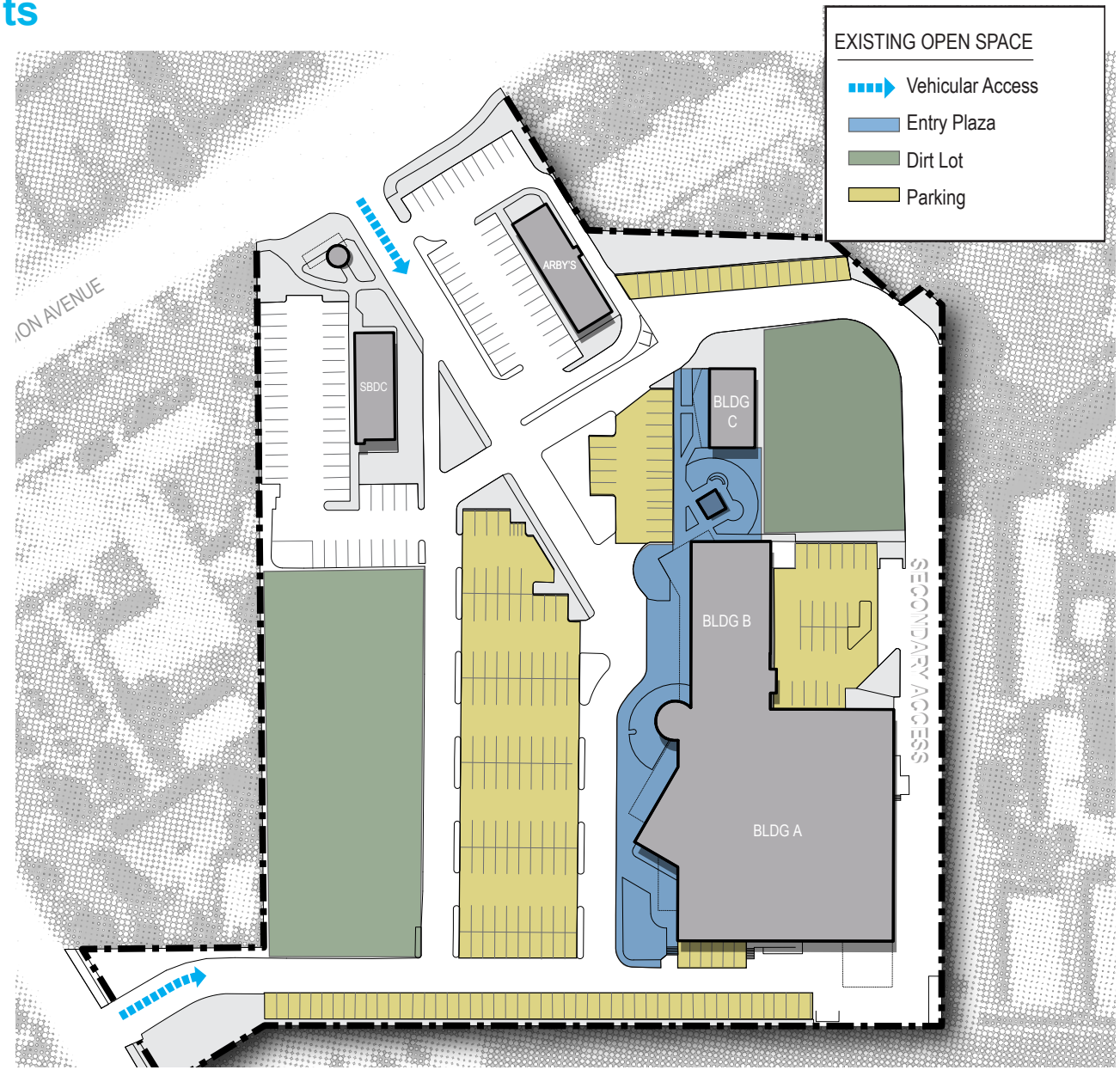
Landscape Assessments

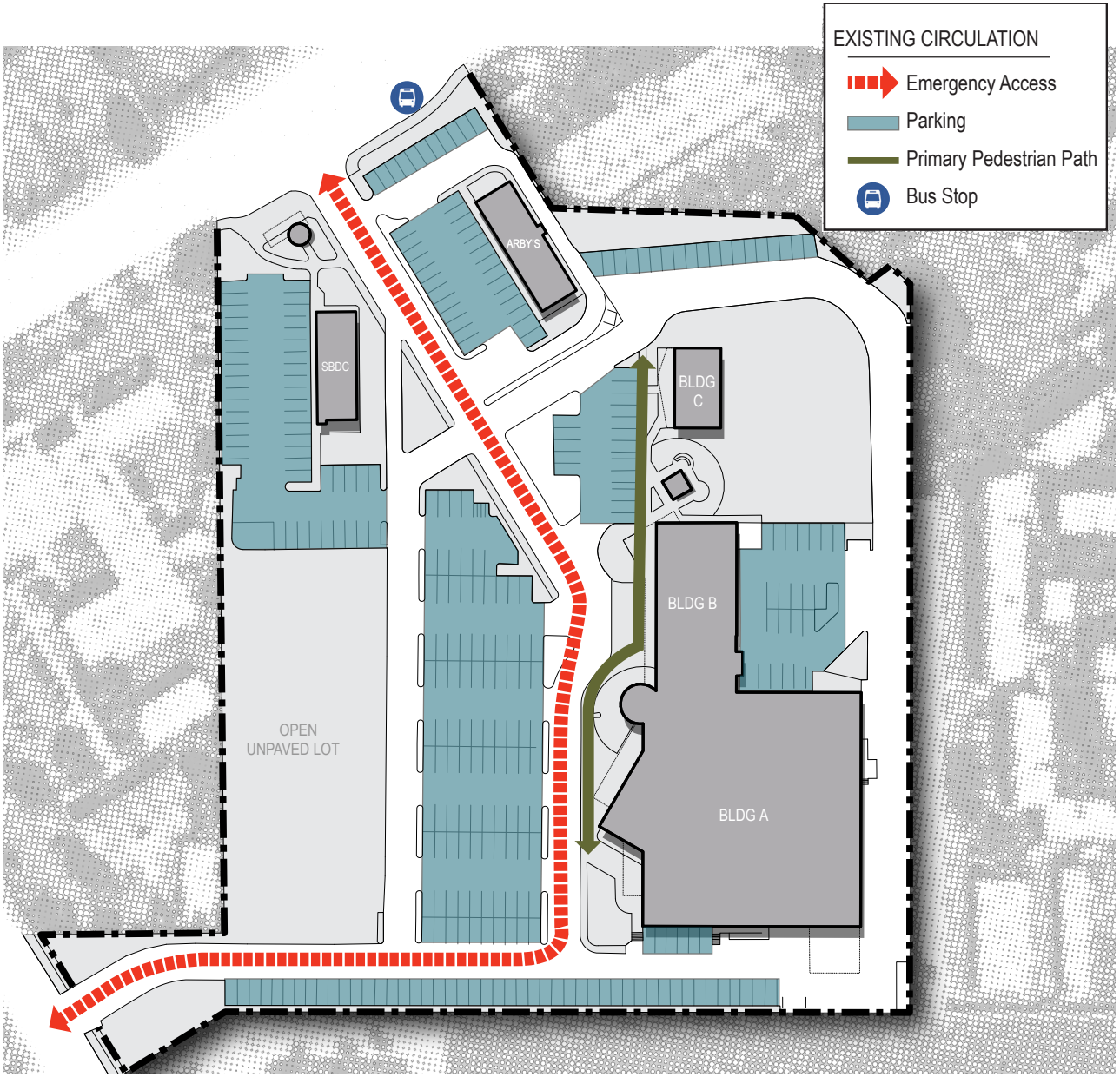
San Elijo Campus


EXISTING CIRCULATION
Campus Roads
Emergency Access
Parking
Bike Lanes
Primary Pedestrian Path
Secondary Pedestrian Path
Bus Stop
700
600
500
400
STUDENT CENTER 900
ADMIN 800
300
LIBRARY 100
200
MIRA COSTA COLLEGE RD.

Landscape Assessments

CLC Campus




EXISTING CIRCULATION
Emergency Access
Parking
Primary Pedestrian Path
Bus Stop
ARBY'S
SBDC
BLDG C
BLDG B
BLDG A
OPEN UNPAVED LOT

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Appendix

Parking Assessments

Parking Assessments
Oceanside Campus

Existing Conditions

Parking is located throughout 20 parking lots across campus. Currently, under the existing configuration, the Oceanside Campus has a total of 1,972 surface parking spaces which include 74 accessible parking spaces. However, there are several parking lots that serve only the particular needs of their adjacent land uses. Assuming the majority of the school population does not utilize these lots, Lots 3D, 5B, and 7A (64 parking spaces total) should not be accounted in the overall parking supply. As a conservative approach, DKS will assume the existing parking supply is 1,908. Figure 1 shows the location of the various Oceanside Campus parking areas. Table A provides a break-down of the school's existing parking supply per lot.

In addition, DKS observed three (3) temporary "dirt lots" throughout campus. The parking demand at these lots was included in the observed parking counts. However, since these lots are only temporary they were not included in the existing parking supply.

Vehicular access to the site is provided via Glaser Drive towards Rancho Del Oro Drive and Barnard Drive towards College Boulevard.

Currently, the campus has a total school population of 11,572, which includes students, faculty, and employees.

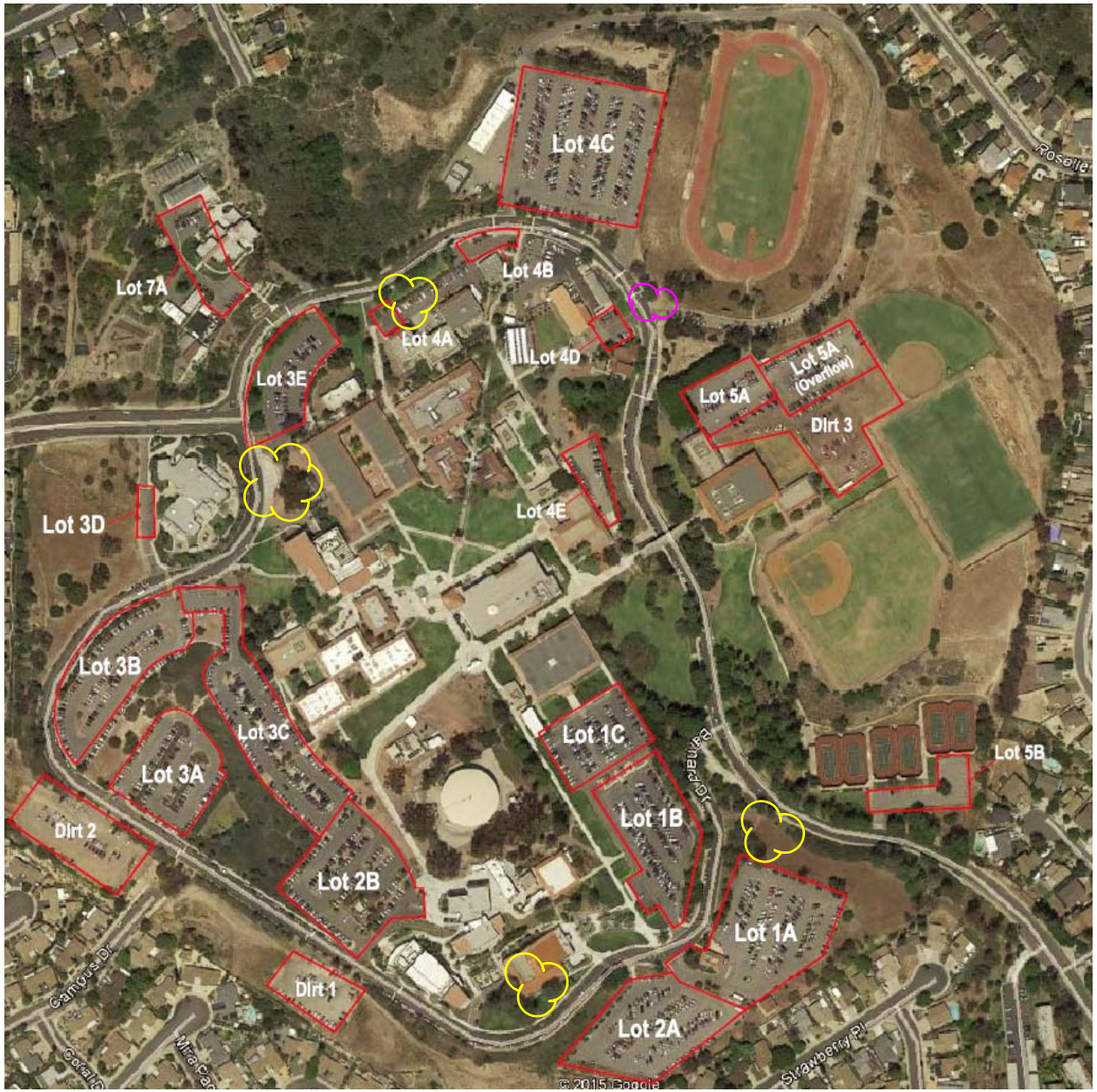

Figure 1: Oceanside Campus Parking Lot Locations

Table A: Surface Lot Parking Supply[1]

Lot	Student	Staff	♿	Motorcycle	Timed	Assigned	Total Spaces
1A	126		6		3	11	146
1B	101	15	6	6			128
1C		80	9		3	1	93
2A	154						154
2B	84	35	9				128
3A	120						120
3B	158						158
3C	89	80	13	23	1		206
3D[2]			(1)		(11)		(12)
3E		63	7	8			78
4A			2		1		3
4B		6	2				8
4C	260	32					292
4C Track	22		3				25
4D		8	1			3	12
4E		17	7	7			31
5A	64	10	4	1			79
5A (Overflow)	94						94
5B[2]	(33)		(1)				(34)
7A[2]		(13)	(3)		(2)		(18)
Barnard Drive	143	6			4		153
			Total Parking Spaces				**1,908**

[1] Parking lot supply was estimated based on DKS field observation.

[2] Parking lot only serves needs of adjacent land use. Therefore, parking spaces are not included in overall parking supply.

Observed Parking Demand

In order to establish a peak parking demand, DKS conducted one (1) observed parking survey to get an adequate assessment of the typical weekday parking demand at the campus. Parking occupancy data was conducted at every parking lot identified in Table 1, including the three (3) temporary dirt lots. As previously mentioned, Lots 3D, 5B, and 7A are not included in the overall parking supply or parking demand. The parking survey was conducted on Wednesday, October 21, 2015, between 7:00 AM and 10:00 PM, at one-hour intervals. The observed parking counts were conducted during typical school activities and operations.

Table C provides a summary of the overall campus observed parking demand. As shown, the observed weekday peak period for the total campus occurred at 11:00 AM. There were a total of 2,028 vehicles parked, which is approximately 106.3% of the supplied 1,908 parking spaces. Parking demand exceeds capacity over a five (5) hour period (10:00AM - 2:00PM).

Occupancy rates over 100 percent are generally considered undesirable due to motorists having to circulate the parking lot to find an open space, adding congestion throughout the aisle ways. In addition, if the occupancy rates are over 100 percent during typical operations, there is no flexibility for special events. The Oceanside campus currently includes a concert hall, a theatre, and various athletic venues where special events are hosted throughout the year. It is a generally accepted principle that a site operates at optimum efficiency when the occupancy rate falls within 85 and 95 percent.

A complete summary of the observed parking demand is attached to this report.

e C: Overall Observed Parking Demand (Wednesday, October 21, 201

Time	Total Observed Demand	Percent Occupied
7:00 AM	311	16.3%
8:00 AM	982	51.5%
9:00 AM	1,582	82.9%
10:00 AM	1,913	100.3%
11:00 AM	**2,028**	**106.3%**
12:00 PM	1,990	104.3%
1:00 PM	1,965	103.0%
2:00 PM	1,922	100.7%
3:00 PM	1,857	97.3%
4:00 PM	1,489	78.0%
5:00 PM	1,350	70.8%
6:00 PM	1,280	67.1%
7:00 PM	1,340	70.2%
8:00 PM	1,127	59.1%
9:00 PM	710	37.2%
10:00 PM	171	9.0%

[1] Observed counts include vehicles parked in the temporary dirt lots. Observed counts do not include demand from Lots 3D, 5B, and 7A.

Parking Demand Analysis

The campus' parking demand was estimated based on the industry standard rates. It should be noted that the City of Oceanside does not provide a parking rate for community colleges.

ITE Parking Generation Manual (4th Edition)

DKS prepared parking generation estimates using the 4th Edition of Parking Generation published by the Institute of Transportation Engineers (ITE). Copies of the appropriate ITE Parking Generation Manual sections are attached. Based on the parking demand rates for community colleges, the campus requires 0.18 parking spaces per school population.

Existing Parking Requirement

Currently, the Oceanside Campus has an approximate school population of 11,572. Table D shows the number of spaces required per industry standard rates. As shown, the total number of spaces required per ITE's Parking Generation manual is 2,083. Hence, the Oceanside Campus has a deficiency of 175 parking spaces.

Table D: Existing Parking Requirements per ITE *Parking Generation* Manual (4th Edition) Requirements

Land Use	Quantity	Units	Parking Requirements[1]	Required Spaces
Community College	11,572	School Population	0.18 spaces per school population	2,083
Total Spaces Required Per ITE Parking Generation Manual (4th Edition)				**2,083**
			Total Existing Spaces Provided Onsite[2]	**1,908**
			Deficient Per ITE Parking Generation Manual (4th Edition)	**-175**

[1] Parking Rates are from Parking Generation Manual, 4th Edition

[2] Parking supply does not include supply from Lots 3D, 5B, and 7B and the temporary dirt lots.

Future (Year 2020) Parking Requirement

Based on projections estimated by campus representatives, the Oceanside Campus is expected to have a school population of 11,761. Table E shows the number of spaces required per industry standard rates. As shown, the projected parking requirement at the campus is 2,117.

As previously mentioned, it is a generally accepted principle that a site operates at optimum efficiency when the occupancy rate falls within 85 and 95 percent. Therefore, DKS recommends that the campus take a conservative approach and apply a 15% "cushion" to the parking requirement considering the high parking occupancy rate and the parking needs for special events. As shown on Table E, the future parking requirement is 2,117 parking spaces based on the estimated future school population.

However, when a 15% "cushion" is applied to the future parking requirement, the future parking requirement is adjusted to 2,435 parking spaces. This adjustment calculates what is known as the effective parking supply.

The effective parking supply for Future (Year 2020) conditions is 2,435. Currently, the campus supplies 1,908 parking spaces. Hence, the Oceanside campus is expected to have a deficiency of 527 parking spaces assuming the existing parking supply.

Table E: Future (Year 2020) Parking Requirements

Land Use	Quantity	Units	Parking Requirements[1]	Required Spaces
Community College	11,761	School Population	0.18 spaces per school population	2,117
15% Effective Supply Adjustment to Parking Requirement				**2,435**
Total Existing Spaces Provided On-Site[2]				**1,908**
Deficient Per Effective Parking Supply Requirement				**-527**

[1] Parking Rates are from Parking Generation Manual, 4th Edition

[2] Parking supply does not include supply from Lots 3D, 5B, and 7B and the temporary dirt lots.

Parking Expansion Recommendations

It is important to locate any additional parking spaces in areas of high parking utilization. The observed occupancy data shows that most of the highly utilized lots are located within the campus core, which is expected since these lots provide the path of least resistance between the motorists and the main campus. Based on the observed peak parking demand, the following parking lots experienced an occupancy rate greater than 90%:

- Lot 2B (95%); Lot 3A (98%); Lot 3B (96%); Lot 3C (93%); Lot 4C (97%); Lot 5A (92%); Lot 5A Overflow (93%); and On-Street Parking Along Barnard Drive (95%)

Once identifying these areas of high utilization, DKS and Steinberg Architects representatives discussed locations for potential parking lot reconfiguration and potential areas for new parking lot construction. Based on feasibility constraints, such as terrain, elevation, and available surface area, DKS and Steinberg Architects developed the proposed parking design that is attached. The following highlights the major modifications and additions to the campus parking layout:

- Lot 1A expansion;
- Lots 1B and 1C parking lot reconfiguration;
- Lot 2A parking lot reconfiguration;
- Aligned driveways for Lots 1A, 2A, and 1B;
- Lot 2B drop-off area reconfiguration;
- Lot 3C parking lot expansion;
- Removed Lot 3C driveway along Barnard Drive;
- Lot 4C parking lot expansion;
- Lot 5A parking lot reconfiguration;
- Proposed 25 parking space parking lot located south of Lot 4E; and
- Proposed 537 parking space parking lot located north of tennis courts (driveway to align with 3-legged intersection along Barnard Drive).

Future Parking Supply and Demand

With guidance from DKS, Steinberg Architects is proposing a site improvement plan for the Oceanside campus that includes construction of a new student resource building, construction of multiple instruction facilities, renovations to existing instructional facilities, and expansion to the overall campus parking supply. Based on the proposed site improvements for the Oceanside campus, there will be a net difference of +545 parking spaces compared to the existing parking supply. Table F shows the existing parking supply per lot and their net gain/loss due to the proposed plan.

Table F: Existing Parking Supply and Future Parking Supply Comparison

Lot	Existing Supply	Proposed Supply	Net Difference
1A	146	182	+36
1B	128	91	-37
1C	93	86	-7
2A	154	94	-60
2B	128	122	-6
3A	120	120	+0
3B	158	158	+0
3C	206	265	+59
3D[1]	(12)	(12)	+0
3E	78	78	+0
4A	3	3	+0
4B	8	8	+0
4C	292	373	+81
4C Track	25	25	+0
4D	12	12	+0
4E	31	31	+0
5A	79	79	+0
5A (Overflow)	94	18	-76
5B[1]	(34)	(34)	+0
7A[1]	(18)	(18)	+0
Barnard Drive	153	146	-7
Proposed Lot #8	--	25	+25
Proposed Lot #9	--	537	+537
Total Parking Spaces	**1,908**	**2,453**	**+545**

[1] Parking lot only serves needs of adjacent land use. Therefore, parking spaces are not included in overall parking supply.

Conclusion

This parking assessment shows that the campus currently has a school population of 11,572 and provides 1,908 parking spaces. As is evident in this study, there is not an adequate parking supply to accommodate the existing school population. Observed occupancy count data shows that the parking demand exceeds capacity over a five (5) year period.

Based on projections estimated by campus representatives, the Oceanside campus is expected to have a school population of 11,761. The estimated future school population generates a need of 2,117 parking spaces. However, due to the high parking utilization and parking needs for special events, DKS proposes the campus to adjust the parking requirement by applying a 15% adjustment, increasing the parking requirement to 2,435. The proposed site improvement plan shows a proposed parking supply of 2,453. Hence, the Oceanside Campus is expected to have a surplus of 18 parking spaces.

Table G: Future (Year 2020) Effective Parking Requirement Vs. the Future (Year 2020) Parking Supply

Campus Alternative	Future (Year 2020) Effective Parking Requirement[1]	Proposed Parking Supply	Future (Year 2020) Parking Deficiency/Surplus
Oceanside Improvements	2,435	2,453	+18

[1] Parking requirement as shown on Table E.

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Parking Assessments
San Elijo Campus

Existing Conditions

Parking is located throughout seven (7) parking lots across campus. Currently, under the existing configuration, the San Elijo Campus has a total of 1,077 surface parking spaces which include 33 accessible parking spaces. The City of Encinitas Parking Code requires a minimum of 20 accessible parking spaces for 1,077 regular parking spaces; therefore, the campus meets the minimum required number of accessible parking spaces. Figure 1 shows the division of San Elijo Campus' parking areas into zones. Table A provides a breakdown of San Elijo Campus' existing parking supply per study zone.

Vehicular access to the site is primarily provided via one signalized driveway (MiraCosta College Road) to Manchester Avenue. Additionally, an emergency vehicle access point is located south of MiraCosta College Road.

Currently, the campus has a total school population of 3,369, which includes students, faculty, and employees.

Figure 1: San Elijo Campus Parking Zones

Table A: Surface Lot Parking Supply

Zone	Student	Staff	♿	Police	Motorcycle	Timed[1]	Assigned[2]	Total Spaces
1	207		2					209
2	281	27	6		12		4	330
3	336	2	5	3		10		356
4	110	36	6					152
5		3	6					9
6			8					8
7		13						13
Total Parking Spaces (Zones 1 – 7)								**1,077**

[1] 20 minute visitor parking.

[2] Assigned for vehicles with MCC Carpool permits only.

Table B: Existing Parking Requirements per ITE *Parking Generation* Manual (4th Edition) Requirements

Land Use	Quantity	Units	Parking Requirements[1]	Required Spaces
Community College	3,369	School Population	0.18 spaces per school population	607
Total Spaces Required Per ITE Parking Generation Manual (4th Edition)				**607**
Total Spaces Provided Onsite				**1,077**
Surplus Per ITE Parking Generation Manual (4th Edition)				**470**

[1] Parking Rates are from Parking Generation Manual, 4th Edition

Parking Demand Analysis

The campus' parking demand was estimated based on the industry standard rates. It should be noted that the City of Encinitas does not provide a parking rate for community colleges.

ITE Parking Generation Manual (4th Edition)

DKS prepared parking generation estimates using the 4th Edition of Parking Generation published by the Institute of Transportation Engineers (ITE). Copies of the appropriate ITE Parking Generation Manual sections are attached. Based on the parking demand rates for community colleges, the campus requires 0.18 parking spaces per school population.

Existing Parking Requirement

Currently, the San Elijo Campus has an approximate school population of 3,369. Table B shows the number of spaces required per industry standard rates. As shown, the total number of spaces required per ITE's Parking Generation manual is 607. Hence, the San Elijo Campus has a surplus of 470 parking spaces.

Future (Year 2020) Parking Requirement

Based on projections estimated by campus representatives, the San Elijo Campus is expected to have a school population of 3,289. Table C shows the number of spaces required per industry standard rates. As shown, the projected parking requirement at the campus is 364. Hence, the San Elijo Campus is expected to have a surplus of 484 parking spaces assuming the existing parking supply. The Future (Year 2020) conditions will require 14 parking spaces less compared to the existing parking requirement.

Table B: Existing Parking Requirements per ITE *Parking Generation* Manual (4th Edition) Requirements

Land Use	Quantity	Units	Parking Requirements[1]	Required Spaces
Community College	3,289	School Population	0.18 spaces per school population	593
Total Spaces Required Per ITE Parking Generation Manual (4th Edition)				**593**
			Total Spaces Provided Onsite	**1,077**
			Surplus Per ITE Parking Generation Manual (4th Edition)	**484**

[1] Parking Rates are from Parking Generation Manual, 4th Edition

Future Parking Supply and Demand

Steinberg Architects are proposing two (2) alternative site development options for the San Elijo Campus, in which both include construction of a new student resource building, renovations to existing instructional facilities, and construction of a new student quad. Based on guidance from DKS, there are no proposed parking lot improvements. Therefore, it is projected that the Future (Year 2020) conditions will have a surplus of 484 parking spaces since it is assumed that the existing parking supply will not change.

Conclusion

This parking assessment shows that the campus currently has a school population of 3,369 and provides 1,077 parking spaces. Based on projections estimated by campus representatives, the San Elijo Campus is expected to have a school population of 3,289. The proposed site development options show no change to the existing parking supply.

As is evident in this study, there is an adequate parking supply to accommodate the existing and future school population. The existing school population generates a need of 607 parking spaces, providing an onsite surplus of 470 parking spaces. The estimated future school population generates a need of 593 parking spaces, providing an onsite surplus of 484 parking spaces.

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Parking Assessments
CLC Campus

Existing Conditions

Parking is located throughout six (6) parking lots across campus. Currently, under the existing configuration, the Community Learning Center has a total of 244 surface parking spaces which include ten (10) accessible parking spaces. The City of Oceanside Parking Code requires a minimum of seven (7) accessible parking spaces for 244 regular parking spaces; therefore, the campus meets the minimum required number of accessible parking spaces. Figure 1 shows the division of Community Learn Center's parking areas into zones. Table A provides a breakdown of the campus' existing parking supply per study zone. It should be noted that future improvements include parking lot expansion and reconfiguration.

Vehicular access to the site is provided via one (1) full access driveway along Mission Avenue and one (1) full access driveway along Barnes Street.

Currently, the campus has a total school population of 2,029, which includes students, faculty, and employees.

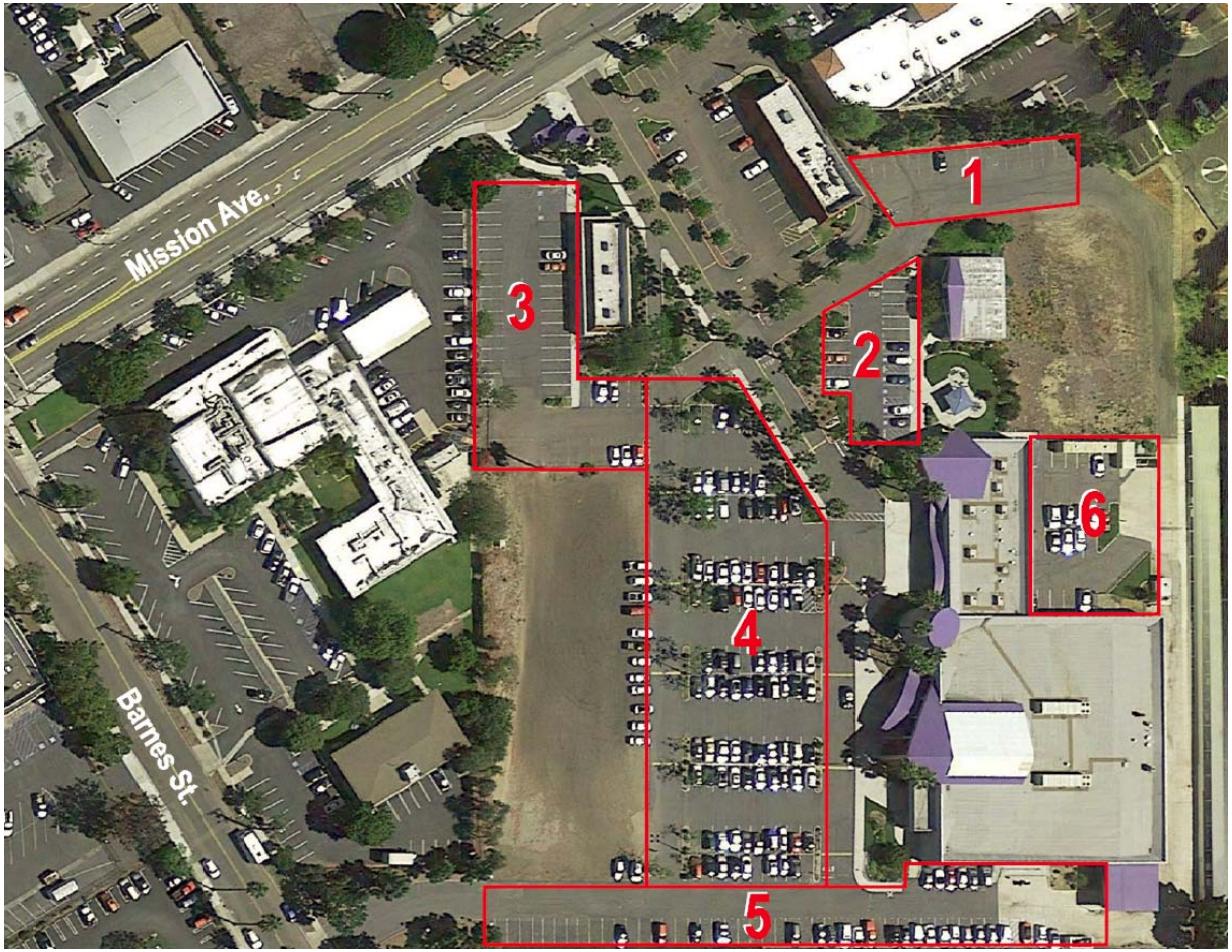


Figure 1: Community Learning Center Parking Zones

Table A: Surface Lot Parking Supply

Zone	Student	Staff	♿	Timed[1]	Total Spaces
1	17				17
2	5	6	5		16
3	43		2		45
4	96			2	98
5	18	31	2		51
6	16		1		17
Total Parking Spaces (Zones 1 – 6)					**244**

[1] 20 minute visitor parking.

Parking Demands and Analysis

The campus' existing and future parking demands were estimated based on the industry standard rates. It should be noted that the City of Oceanside does not provide a parking rate for community colleges.

ITE Parking Generation Manual (4th Edition)

DKS prepared parking generation estimates using the 4th Edition of Parking Generation published by the Institute of Transportation Engineers (ITE). Copies of the appropriate ITE Parking Generation Manual sections are attached. Based on the parking demand rates for community colleges, the campus requires 0.18 parking spaces per school population.

Existing Parking Requirement

Currently, the Community Learning Center has an approximately school population of 2,029. Table B shows the number of spaces required per industry standard rates. As shown, the total number of spaces required per ITE's Parking Generation Manual is 366. Hence, the Community Learning Center currently has a deficiency of 122 parking spaces.

Future (Year 2020) Parking Requirement

Based on projections estimated by campus representatives, the Community Learning Center is expected to have a school population of 2,019. Table C shows the number of spaces required per industry standard rates. As shown, the projected parking requirement at the campus is 364. Hence, the Community Learning Center is expected to have a deficiency of 120 parking spaces assuming the existing parking supply. The Future (Year 2020) conditions will require two (2) parking spaces less compared to the existing parking requirement.

Table B: Existing Parking Requirements per ITE *Parking Generation* Manual (4th Edition) Requirements

Land Use	Quantity	Units	Parking Requirements[1]	Required Spaces
Community College	2,029	School Population	0.18 spaces per school population	366
Total Spaces Required Per ITE Parking Generation Manual (4th Edition)				**366**
			Total Spaces Provided Onsite	**244**
			Deficient Per ITE Parking Generation Manual (4th Edition)	**-122**

[1] Parking Rates are from Parking Generation Manual, 4th Edition

Table C: Future (Year 2020) Parking Requirements per ITE *Parking Generation* Manual (4th Edition) Requirements

Land Use	Quantity	Units	Parking Requirements[1]	Required Spaces
Community College	2,019	School Population	0.18 spaces per school population	364
Total Spaces Required Per ITE Parking Generation Manual (4th Edition)				**364**
			Total Spaces Provided Onsite	**244**
			Deficient Per ITE Parking Generation Manual (4th Edition)	**-120**

[1] Parking Rates are from Parking Generation Manual, 4th Edition

Future Parking Supply and Demand

With guidance from DKS, Steinberg Architects is proposing two (2) alternative site development options for the CLC campus, in which both include construction of a new student resource building, renovations to existing instructional facilities, improvements to the entry point along Mission Avenue, and expansion to the existing parking lot.

Based on the campus improvements for both Plan A and B, Steinberg Architects and DKS are proposing to add an additional 120 parking spaces to the existing parking supply. Therefore, the CLC is proposed to increase the parking supply to 364 parking spaces. Table D shows the comparison of the projected Year 2020 parking demand and the proposed parking supply.

Conclusion

This parking assessment shows that the campus currently has a school population of 2,029 and provides 244 parking spaces. Based on projections estimated by campus representatives, the San Elijo Campus is expected to have a school population of 2,019. The proposed site development options show a proposed parking supply of 364 for both Plan A and Option B.

As is evident in this study, there is not an adequate existing parking supply to accommodate the existing school population. The existing school population generates a need of 366 parking spaces, providing an onsite deficiency of 122 parking spaces. However, the proposed parking supply will adequately provide parking for the future school population. The estimated future school population generates a need of 364 parking spaces and therefore the campus will provide 364 parking spaces.

Table D: Future (Year 2020) Parking Requirements Vs. the Future (Year 2020) Supply Alternatives

Campus Alternative	Future (Year 2020) Parking Requirement[1]	Proposed Parking Supply	Future (Year 2020) Parking Deficiency/Surplus
CLC Plan A & B	364	364	+0

[1] Parking requirement as shown on Table C.

Appendix

Civil Assessments

Civil Assessments

Introduction

This memorandum describes the potable water and fire suppression pipeline infrastructure of MiraCosta College's Oceanside and San Elijo campuses, and summarizes information regarding existing issues with each system.

Water System Description

The water infrastructure at each of the MiraCosta College campuses provides water for fire protection, potable use, and landscape irrigation. Below are general descriptions of the water system for each campus.

Oceanside Campus: The water system for the Oceanside Campus consists of two main components: 1) the potable water system, and 2) the fire suppression and irrigation systems. These two components are both connected to the City of Oceanside (City) water distribution system.

The potable water system is comprised of a booster pump station and pipelines that serve each of the existing buildings. The potable water system is supplied from an onsite storage tank owned by the City, connected directly to the booster pump station in Parking Lot 2A which supplies adequate flow and pressure to the distribution system. The majority of the backbone potable water system consists of 6-inch asbestos cement (AC) pipelines that loop around the Campus. Several branches are connected to the loop to serve buildings not adjacent to these water mains, creating long laterals with dead ends. There are also several large diameter pipelines throughout the Campus within easements that are owned by the City of Oceanside and convey water to and from the onsite storage tank.

The fire suppression system includes a pump station and pipelines connected to fire hydrants located throughout the Campus. The fire pump station was installed in 2010, and includes two 1,500-gpm pumps that pressurize the system when low pressure occurs due to a high water demand (i.e. several fire hydrants operating). The fire pump station is also supplied from the City's onsite water storage tank. The fire suppression system is also connected to the City's water distribution system (pressurized). As part of the pump station project in 2010, the fire suppression distribution system was improved to create loops and improve flow and pressure. The fire suppression system consists of 8-inch AC pipelines and 8 to 10-inch PVC pipelines (PVC installed in 2010). Fire hydrants, fire service laterals to buildings, and building fire sprinkler systems are connected to the fire suppression distribution system.

The landscape irrigation system is connected to the fire suppression system pipelines. Two variable speed irrigation pumps were installed in 2010 as part of the fire pump station. The irrigation pumps are used to meet the demand and pressure requirements of the irrigation system during high use periods. The irrigation pumps are triggered by a pressure sensor when the irrigation demand causes the pressure to drop below a set point.

San Elijo Campus: The San Elijo Campus is served by and located within the Olivenhain Municipal Water District (OMWD) service area. An OMWD-owned 12-inch PVC pipeline connected to a the distribu-

tion system water main along Manchester Avenue supplies the domestic, irrigation and fire suppression systems on Campus.

The domestic water system is connected to the OMWD system through a 6-inch PVC pipeline. A water meter and dual backflow preventer devices (4-inch and 6-inch) are installed on the domestic pipeline, which extends around buildings 400 and 900, and branches to two 2-inch laterals that serve buildings 500 and 600. Separate 2- and 3-inch service laterals supply the reminder of buildings (100, 200, 300 and 800).

The irrigation system is connected to the OMWD system through a dual backflow preventer, adjacent to the domestic water connection and meter.

The fire suppression system consists of an 8-inch AC pipeline that loops around the Campus, with two connection points to OMWD's 12-inch PVC pipeline. The fire suppression loop is connected to fire hydrants throughout the Campus, and fire laterals to the buildings. A section in the middle of the fire suppression loop is owned by MiraCosta College. The transition points between OMWD-owned and MiraCosta-owned pipeline are separated by two backflow preventers along the fire suppression loop.

Community Learning Center: The Community Learning Center is served by a 10-inch AC pipeline that is connected to the City of Oceanside distribution system mains on Mission Avenue and Barnes Street. The 10-inch pipeline loops through the commercial development. A 4-inch backflow preventer is installed upstream of the domestic water supply line (2-inch). An 8-inch fire service lateral with backflow preventer is also connected to the 10-inch AC for fire suppression.

Evacuation of Existing System

Discussions with MiraCosta Facilities personnel regarding the condition and operational issues with the water system at each campus identified the following:

Oceanside Campus:

- The domestic water system has experienced pipe failures of old asbestos cement pipelines that are located along slopes or embankments. Insufficient cover and inadequate pipe bedding at these locations can results in joint separation due the operating pressure of the system.
- Additional isolation valves would facilitate the maintenance of the water system (domestic and fire suppression/irrigation). Isolation valves allow segments of the system be taken offline for maintenance or repairs while maintaining the remainder of the system operational.
- Physical Education buildings (5000s) and the tennis courts experience water quality issues (orange discoloration) that could be caused by corrosion in metal pipes and long residence time on those laterals.
- Horticulture building (7000) has presented water quality issues related to taste. The building is served by a long lateral that dead ends by the greenhouse buildings.

San Elijo Campus:

- The San Elijo Campus has experienced pipeline failures on the domestic mains due to the lack of adequate pipe bedding materials as originally installed. According to Facilities personnel, some of the pipelines were installed without any bedding and in contact with large rocks that could have caused cracks on the pipe.
- During periods of low demands, the domestic water system loses pressure because the check valves on the backflow preventer do not open sufficiently. This results in flush valves in restrooms not operating until the demand on Campus increases and the check valves in the backflow preventer open and increase the pressure in the water main.

Community Learning Center:

- No issues were identified in the domestic, irrigation or fire suppression systems at the Community Learning Center.

Recommendations

The impact on the existing water infrastructure due to future growth at each campus should be evaluated through an engineering analysis that accounts for increased demands and relocation of existing distribution pipelines to accommodate future buildings. The evaluation should also include an assessment of the age and condition of existing water infrastructure beyond the qualitative analysis completed for this technical memorandum. In addition, the capacity of the fire suppression system should be verified based on future fire protection requirements and landscaping irrigation demands.

The following are recommendations for improving the water system infrastructure for each campus.

Oceanside Campus: The dead ends in the water distribution system identified as having water quality issues should be looped and connected to existing water mains to improve circulation in these areas, if feasible. Further investigation is recommended to identify any other sources of the water quality issues, such as pipe corrosion, leaks, root intrusion, etc.

Water mains located along slopes and embankments, with insufficient cover or soil support, should be relocated to avoid future pipe failures or joint separation problems.

Additional isolation valves should be installed on both the domestic and fire suppression/irrigation distribution system to facilitate maintenance and repairs on the system.

San Elijo Campus: A minor operational issue at the San Elijo Campus identified was the low pressure experienced in the domestic water pipeline supplying the existing buildings. In coordination with OMWD, the operation of the check valves of the back flow preventer could be adjusted to allow the check valves to open at lower pressures. Another alternative would be to install a 2- or 3-inch bypass to serve the Campus during low flow conditions and allow adequate operation of the restrooms fixtures.

Appendix

Electrical System Assessments

Electrical System Assessments

Oceanside Campus

Main 4.16kV Switchgear

Main 4.16kV Switchgear

MiraCosta College Oceanside campus is currently served from a 4.16kV, 1200A 3 phase, 3 wire switchgear that derives its service from a 2500kVA, 12kV-4.16kV SDG&E-owned transformer located on the southwest side of the Campus. The SDG&E transformer derives its service from an overhead pole located on the west side of the campus along Barnard Drive. The main 4.16kV switchgear is located outside in a NEMA 3R enclosure and comprises of a main 1200A 15kV breaker with an SDG&E main meter section and six (6) 15kV 1200A breakers. The service is metered at 4.16kV. Power to each building is distributed through a series of selector switches, combination electrical/telecomm vaults and medium voltage duct banks. The selector switches are located outside the buildings at strategic locations to facilitate disconnection of individual buildings. The main switchgear and the selector switches were installed in 1995 and are in good condition.

The existing vaults comprise of dual sections separated by a concrete wall. One section contains the medium voltage cables and the other section contains telecomm cables and low voltage wiring serving exterior lighting, irrigation controllers and other ancillary low voltage loads.

A separate SDG&E service provides power to a fire pump that meets the fire flow requirements of each of the buildings on campus. The fire pump is served from a 480V, 3-phase, distribution board that in turn receives its service from a 12kV-480V SDG&E transformer located adjacent to the main 4.16kV switchgear. A 150kW diesel-fueled generator provides back up power to the fire pump should the normal power fail or is taken down for maintenance.

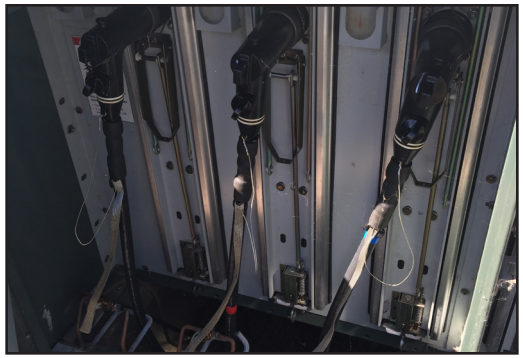
Main 5KV Switchgear

Feeders 'HV-3' and 'HV-4' originate from the main switchgear and are routed through duct banks and manholes to form a loop system around the campus and serve each building on campus. The loop is open at Building '5000' selector switch to balance the overall load of the campus among the two feeders. Feeder HV-1 serves the central plant load. Feeder HV-2 serves a substation in the existing power house that meets the requirements of the exterior lighting and domestic water pump motors. Main loop feeders 'HV-3' and 'HV-4' are comprised of 3# 4/0 EPR cables and were installed in 1995 and are in good condition. All radial feeders to each of the buildings date back to building inception and feeders serving the older buildings are at the end of their useful life.

A 4.16kV electrical upgrade project undertaken by the campus in 1995 replaced and upgraded the existing main loop 5kV feeders, provided a main 4.16kV switchgear and replaced majority of old oil-fused cut outs in each of the buildings, The main medium voltage electrical power distribution system at the campus is thus in good condition and is adequately sized to serve the existing loads of the campus.

The 5kV feeders traverse through a series of above ground, outside padmounted selector switches. A total of nine (9) switches exist at the campus. The sizes of these switches range from 200A to 600A, 15 KV rated. All switches were installed in 1995 and are in good condition. The selector switches comprise of load break elbows which enable the Facilities personnel to switch loads between different feeders and isolate a portion of the existing system for maintenance and expansion. However, the campus

SDG&E Padmount Transformer



Typ. 5kV Selector Switch

Main 5kV Breaker Cubicle and Protection

Main Distribution Board in Electrical Power House

is not able to switch the feeders unless the switch is shutdown due to the front cover being removed to access the load break elbows and thus results in loss of power to buildings connected to respective switches.

The following is a brief description of each of the feeders and their routing to serve each building on the Oceanside Campus.

Feeders 'HV-3' and 'HV-4' originating from the main switchgear 'MS' form a loop around the campus and serve each of the buildings on campus. Feeder 'HV-3' traverses southeast to serve selector switch '9' located southeast of the main 4.16kV switchgear. Radial feeder originating from selector switch serves building '2200' padmount transformer. The feeder then traverses east to serve selector switch '8' that serves buildings '2000', '2100' and '2400' that form part of the Performing Arts Complex. Radial feeder originating from this selector switch serve buildings '2000', '2100', and '2400'. The feeder then traverses northeast to serve selector switch '7' located west of building '1000'. Radial feeders originating from this selector switch serves building '1000' and T100 and T110 trailers. The feeder then traverses northeast to serve selector switch '6' located outside east of building '1200'. Radial feeders originating from this selector switch serve buildings '1200' and '4800'. The feeder then traverses east to serve selector switch '5' located outside west of building '5000'. Radial feeder originating from this selector switch serves building '5200'. The feeder then traverses north to serve selector switch '4' located outside north of building '4400'. Radial feeders originating from this selector switch serve buildings '4100' and '4400'. The feeder

Abandoned Fire Pump Transformer

Overhead SDG&E service to campus from Barnard Drive

Vault

Main Distribution Board serving Fire Pump

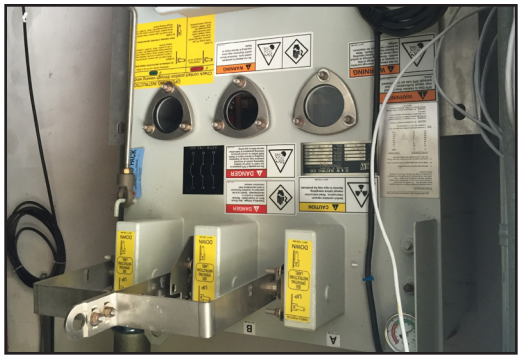
then traverses north to serve selector switch '3' located outside east of building '4500'. Radial feeders originating from this selector switch serve buildings '4000', '4500' and '7000'. The feeder then traverses west to serve selector switch '2' located outside south of building '3500'. Radial feeders originating from this selector switch serve buildings '3500' and '3400'. The feeder then traverses south to serve selector switch '1' located outside northeast of building '3200'. Radial feeders originating from this selector switch serve buildings '3200' and '8000'. Feeder originating from switch '1' then completes the loop to main 4.16kV switchgear.

The 5kV distribution system serves either 4.16kV substations located within the buildings or liquid filled padmount transformers outside the building to meet the power demands of each of the buildings. The condition of the main substations/main switchboards and liquid filled padmount transformers serving the buildings vary based on the age of the building. While majority of the buildings still have the original transformer substations that date back to building inception, a number of facilities have new transformer substations and distribution switchboards that were either upgraded as part of a renovation project or were part of a new facility added to the campus. The individual buildings have transformers with 4,160V primary, 480V/208V and 120/208V secondary voltages.

The following pages provide a description of each of the building's substations and their condition.

Buildings 1000, T100, and T110

Main 120/208V Distribution Board



5kV Switch

Main 150kVA 4.16kV-120/208V Transformer

120/208V Panel Board

Building '1000' is served from a 15kV selector switch located on the east side of building. The selector switch serves a 300kVA, 4.16kV-277/480V, 3-phase, 4-wire transformer located in an electrical room on the south side of building '1000'. The transformer serves a main 800A, 277/480V switchboard that in turn serves a 75kVA, 400A, 480-120/208V transformer that in turn serves 120/208V main distribution board/120/208V panel boards that meet the demands of the building. The main distribution boards and panel boards date back to building inception and are old, spare parts are difficult to find and are at the end of their useful life. The 5kV switch was recently replaced and is in good condition. The dry-type transformer is in fair condition.

Buildings 'T100' and 'T110' are served from a 15kV selector switch located on the east side of building. The selector switch serves a 150kVA, 4.16kV-120/208V, 3-phase, 4-wire padmount transformer located outside on the east side of the buildings. The transformer serves 120/208V main distribution board/120/208V panel boards that meet the demands of these buildings. The main distribution boards and panel boards date back to building inception and are in fair condition. The transformer was recently replaced and is in good condition.

Building 1200

4.16kV-277/480V Padmount Transformer

Generator Serving Existing Data Center

480-120/208V Transformer

Main Distribution Board

Building '1200' is served from a 15kV selector switch located on the southeast side of building '4800'. The selector switch serves a 1000kVA, 4.16kV-277/480V liquid filled padmount transformer located in an electrical enclosure on the east side of the building. The transformer serves a 1200A, 277/480V, 3-phase, 4-wire main switchboard that in turn serves multiple 480-120/208V transformers and a 120/208V main distribution board that meets the demands of the building. The liquid filled padmount transformer, main distribution boards and panel boards date back to building inception and are in good condition. The building is also equipped with a 125kW, 277/480V, 3-phase 4-wire diesel generator that meets the back-up power requirements of the Data Center located in the building.

Central Plant

Padmount Transformer

Abandoned Padmount Transformer

The Central Plant located on the north side of the existing water tank is served by a 4.16kV-277/480V liquid filled padmount transformer located outside in a yard. The transformer is served by a dedicated 5kV feeder originating from the main 5kV switchgear. The padmount transformer serves a 277/480V main switchboard that meets the power demands of the chillers, cooling towers and pumps associated with the Central Plant. The transformer, main distribution boards and panel boards date back to building inception and are in good condition.

Main Distribution Board

Generator

Building 2000

Main Distribution Board

Main Distribution Board with Interior Panel Board

Building '2000' is served from a 15kV selector switch located on the north side of the building. The selector switch serves a main 5kV switch and a 750kVA, 4.16kV-277/480V, 3-phase, 4-wire dry-type transformer located in an enclosure outside the building. The transformer serves a main 277/480V switchboard that in turn serves 480-120/208V transformer and a 120/208V main distribution board that meets the demands of the building. The main 5kV switch, dry-type transformer, main distribution boards and panel boards date back to building inception, are old, spare parts are difficult to find and are the end of their useful life.

Main 5kV Switch

Main 277/480V Switchboard

Building 2100

15kV Selector Switch

480-120/208V Transformer

4.16kV-277/480V Padmount Transformer

15kV Selector Switch

Building '2100' is served from a 15kV selector switch located on the northeast side of the building. The selector switch serves a 300kVA, 4.16kV-277/480V, 3-phase, 4-wire liquid filled padmount transformer located outside the building. The transformer serves a main 277/480V switchboard that in turn serves 480-120/208V transformer and a 120/208V main distribution board that meets the demands of the building. The main distribution board also serves the existing Police and Parking facility Building '1100' located on the southeast side of the building. The facility also has a 60kW propane-driven generator to provide back-up power should the normal power fail or is taken down for maintenance. The padmount transformer, main distribution boards and panel boards date back to building inception, are old, spare parts are difficult to find and are the end of their useful life.

Buildings 2200 and 2300

750kVA 4.16kV-277/480V Padmount Transformer

480-120/208V Transformer serving building 2300

Main 120/208V Switchboard

Main 277/480V Switchboard

Building '2200' is also served from a 15kV selector switch located on the north side of the building. The selector switch serves 750kVA, 4.16kV-277/480V liquid filled padmount transformer located outside on the north side of the building. The transformer serves a 277/480V main switchboard that in turn serves 480-120/208V transformer and 120/208V main distribution board that meets the demands of the building. Building '2300' is served from main 480V feeder originating from main distribution board located in building '2200'. The main feeder serves a 225kVA, 480-120/208V transformer and 120/208V main distribution board which in turn serves 120/208V panel boards that meet the demand of the buildings. The padmount transformer, main distribution boards and panel boards date back to building renovation and are in good condition.

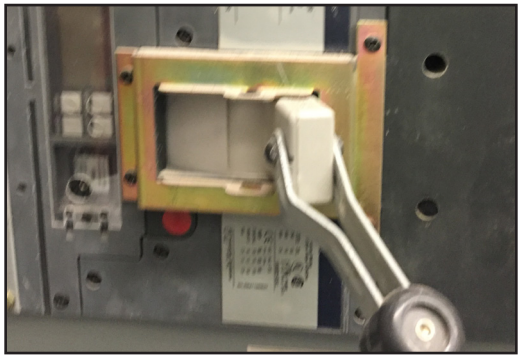
Building 2400

Main Distribution Board

15kV Selector Switch

Building '2400' is served from a 15kV selector switch located on the northeast side of the building. The selector switch serves a 750kVA, 4.16kV-277/480V, 3-phase, 4-wire liquid filled padmount transformer located outside the building. The transformer serves a main 277/480V switchboard that in turn serves 225kVA, 480-120/208V transformer and main 120/208V main distribution board that meets the demands of the building. The padmount transformer, main distribution boards and panel boards date back to building inception but are in good condition.

750kVA, 4.16kV-277/480V Padmount transformer



Main Breaker

Buildings 3000, 3100, 3200, 3300 and 3700

Main 5kV Switch

Main 800A 277/480V Switchboard

480-120/208V Transformer

Main 120/208V Panel Board

Buildings '3000' '3100', '3200', '3300', and '3700' are served from a 15kV selector switch located on the north side of these buildings. The selector switch serves a main 5kV switch and a 500kVA, 4/16kV-277/480V, 3-phase, 4-wire, dry-type transformer located in Building '3200'. The transformer serves a main 800A, 277/480V switchboard that in turn serves 480-120/208V transformer and 120/208V main distribution board that meets the demands of the building. Buildings '3000' '3100' and '3700' are served from the main 480V feeders originating from main distribution board located in building '3200'. The main feeder serves a 480V main distribution board that serves 480-120/208V transformer, 120/208V main distribution board and 120/208V panel boards in each of the buildings that meet the demand of the buildings. The main 5kV switch was recently replaced and is in good condition. The dry-type transformer and main distribution boards and panel boards date back to building inception are old, spare parts are difficult to find and are at the end of their useful life.

Building 3400

15kV Selector Switch

Main MV Vault

Building '3400' is served from a 15kV selector switch located on the south side of Building '3500'. The selector switch serves a main 5kV switch and a 500kVA, 4/16kV-120/208V, 3-phase, 4-wire, liquid filled padmount transformer located outside in an enclosure on the north side of the building. The transformer serves a main 1000A, 120/208V switchboard that in turn serves 120/208V main panel boards that meets the demands of the building. The padmount transformer, main distribution boards and panel boards date back to building inception and are still serviceable.

Typical Panel Boards

Main 1000A, 120/208V Distribution Board

4.16kV-120/208V Padmount transformer

Buildings 3500, 3600/3601, and T300

Building 3500 - 5kV Switch

Main 4.16kV-277/480V Dry-type Transformer

112.5kVA, 480-120/208V Transformer

Main 800A 277/480V Switchboard

Buildings '3500' '3600'/'3601' and T300 are served from a 15kV selector switch located on the south side of building '3500'. The selector switch serves a main 5kV switch and a 500kVA, 4.16kV-277/480V, 3-phase, 4-wire dry-type transformer located in an electrical room in the building '3500'. The transformer serves a main 800A, 277/480V switchboard that in turn serves 112.5kVA, 480-120/208V transformer and main 400A, 120/208V main distribution board that meets the demands of the building. Buildings '3600' and '3601' are served from main feeders originating from main distribution board located in building '3500'. The main feeder serves a 480V main distribution board that serves 480-120/208V transformer and 120/208V panel boards that meet the demand of the buildings. The main distribution board in building '3500' also serves a 120/208V panel board in Horticulture area through a 480-120/208V transformer. The main 5kV switch was recently replaced and is in good condition. The dry-type transformer, main distribution boards and panel boards date back to building inception are old, spare parts are difficult to find and are at the end of useful life.

Buildings 4000 and 4050

Main 4.16kV-120/208V Transformer

Main Distribution Board

Buildings '4000' and 4050' are served from a 15kV selector switch located on the east side of building '4000'. The selector switch serves a 300kVA, 4.16kV-120/208V padmount transformer equipped with a 5kV oil fused cut out located in an electrical room on the west side of building '4000'. The transformer serves a main 277/480V switchboard that in turn serves 480-120/208V transformer and main 120/208V main distribution board that meets the demands of the building. The padmount transformer, main distribution board and oil fused cut outs are old, spare parts are difficult to find and are at the end of their useful life.

Main Distribution Board

480-120/208V Transformer

Building 4100, T600, and 6100

Main 4.16kV-120/208V Transformer

Main 4.16kV-120/208V Transformer

A dedicated liquid filled padmount 300kVA, 4.16kV-120/208V transformer located on the west side of building '4100' serves buildings '4100', 6100 and T600 buildings. The transformer serves 120/208V panel boards in building '4100' and in T600 that meet the demands of each of the buildings. 'T600' panel board serves a panel board in '6100' that meets the power demands of the building. The padmount transformer and panel boards are in fair condition. The campus is experiencing voltage drop at buildings 'T600' and '6100' and have provided buck-boost transformer to boost the voltage in '6100'.

Main 120/208V Panel Board in T600

Main 120/208V Panel Board in 6100

Buildings 4500, 4600, 4700, 4900, and T400

Main 1600A 120/208V Switchboard

Main 1600A 120/208V Switchboard

Main 1600A 120/208V Switchboard

480-120/208V Transformer and 120/208V Panel Board

Buildings 4500', '4600' '4700', '4900' and T400 are served from a 15kV selector switch located on the east side of building '4500'. The selector switch serves a liquid filled padmount 1000kVA, 4.16kV-277/480V transformer located on the east side of building '4500'. The transformer serves a main 277/480V switchboard that in turn serves 480-120/208V transformer and 120/208V main distribution board that meets the demands of the building. Buildings '4600' '4700', '4900' and 'T' buildings are served from main feeders originating from main distribution board located in Building '4500'. The main feeder serves a 480V main distribution board that serves 480-120/208V transformer, 120/208V main distribution board and 120/208V panel boards that meet the demand of the buildings. Building '4900' also has a small 15kW PV system located on the front canopy of the building. The main 15kV switch, liquid filled padmount transformer, main distribution boards and panel boards are in good condition.

Building 4800

5kV Oil Fused Cutout

Main 277/480V Switchboard

Building '4800' is served from a 15kV selector switch located on the east side of the building. The selector switch serves a main 5kV switch and a 500kVA, 4.16kV-277/480V, dry-type transformer located in Building '4800'. The transformer serves a main 800A, 277/480V switchboard that in turn serves a 225kVA, 480-120/208V transformer and main 600A, 120/208V main distribution board that meets the demands of the building. The main 5kV switch, dry-type transformer, main distribution boards and panel boards in Building '4800' date back to building inception, are old, spare parts are difficult to find and are at the end of their useful life.

480-120/208V Transformer

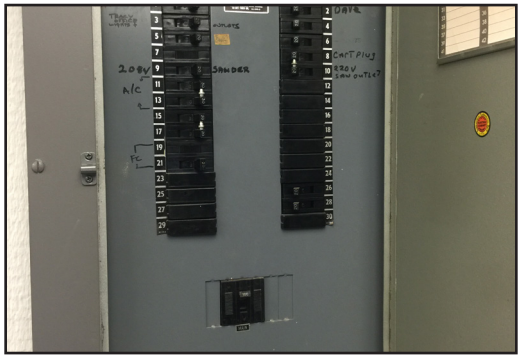
4.16kV-277/480V Dry-type Transformer

Buildings 4200, 4300 and 4400

15kV Selector Switch

Padmount Transformer

Panel Board in 4200



Panel Board

Buildings '4200', '4300' and '4400' are served from a 15kV selector switch located on the north side of building '4400'. The selector switch serves a 75kVA, 4.16kV-120/208V, liquid filled padmount transformer also located on the north side of Building '4400'. The transformer is equipped with a 225A, 3P breaker located in the low voltage compartment of the transformer that in turn serves a 225A 120/208V, 3-phase, 4-wire panel board located in Building '4200' and '4400'. The padmount transformer and panel boards in '4400' are old, spare parts are difficult to find and are at the end of their useful life and need to be replaced. Panel boards in '4200' and '4300' are in fair condition. The campus to verify the demand on the existing padmount transformer to ensure it is not overloaded as it is rated at 75kVA and serves three buildings, the transformer may be loaded beyond capacity and require reconfiguration.

Buildings 5000, 5100 and 5200

15kV Selector Switch

480-120/208V Transformer

Motor Control Center

Switch

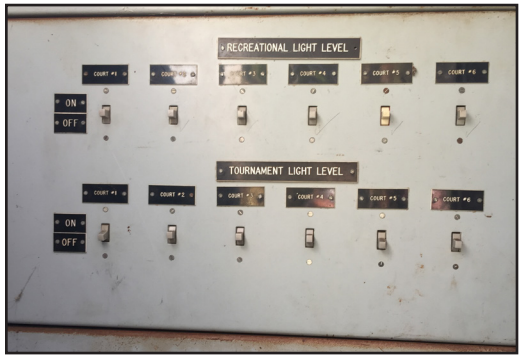
Buildings '5000' '5100' and '5200' are served from a 15kV selector switch located on the west side of buildings '5100'/'5000'. The selector switch serves a 5kV oil fused cut out switch and a 300kVA, 4160-277/480V, 3-phase, 4-wire dry-type transformer located in Building '5200'. The transformer serves a main 400A, 277/480V switchboard that in turn serves a 45kVA, 480-120/208V transformer and main 120/208V main distribution board that meets the demands of the building. Buildings '5100' and '5000' are served from main feeders originating from this main distribution board located in building '5200'. The main feeder serves a main 480V distribution panel that serves a 75kVA, 480-120/208V transformer and 120/208V panel boards that meet the demand of the buildings. The main 5kV switch, dry-type transformer and main distribution boards and panel boards date back to building inception are old, spare parts are difficult to find and are at the end of their useful life. In addition, a drainage pipe currently exists above the existing dry-type transformer that should be relocated to avoid water leaking into the transformer should the pipe leak and causing the transformer to short and causing power loss to the buildings.

Building 5200

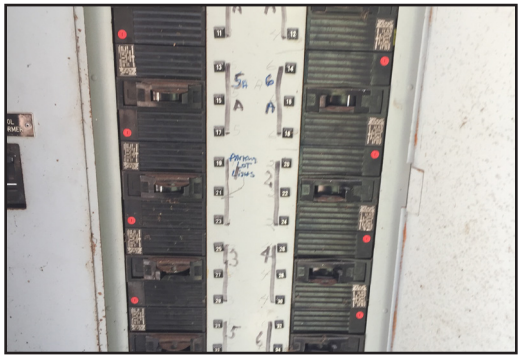
4160-277/480V Transformer

Main Distribution Board

A dedicated feeder originating from the main electrical room in building '5200' serves a 225kVA, 4.16kV-277/480V liquid filled padmount transformer located on the west side of the tennis courts. The padmount transformer serves a 400A, 277/480V, 3-phase, 4-wire man distribution board that meets the power demands of the tennis courts lighting. The main distribution board also is equipped with old lighting contractors and switches that were used to control tennis court lighting which have since been abandoned. The padmount transformer and the main distribution boards are old, spare parts are difficult to find and are the end of their useful lie.



Lighting Controls Section



Main Distribution Breakers

Building 7000

15kV Single Way Switch

Liquid Filled Padmount Transformer

Main 2000A 120/208V Distribution Board

Typical 120/208V Panel Board

Building '7000' is currently served from a medium voltage feeder tapped on the primary side of the existing feeder currently serving a 300kVA, 4.16kV-120/208V, 3-phase, 4-wire serving Building '4000'. The feeder serves a main single way 15kV switch which in turn serves a 500kVA, 4.16kV-120/208V liquid filled padmount transformer located outside on the south side of building. The transformer serves a 2000A, 120/208V, 3-phase, 4-wire main switchboard located in the main electrical room of the building. The main 120/208V distribution board serves multiple panel boards that meets the demands of the building. The main 15kV switch, liquid filled padmount transformer and main distribution boards and panel boards date back to building inception but are in good condition.

Building 8000

300kVA 4160-277/480V Dry-type Transformer

Main Distribution Board 120/208

Buildings '8000' is served from a 15kV selector switch located on the north side of building '3400'. The selector switch serves a main 5kV substation comprising of main 5kV switch, 300kVA, 4.16kV-277/480V dry-type transformer and a main 400A, 277/480V main distribution panel located in an electrical room located on the south side of building. The main 277/480V switchboard serves a 112.5kVA, 480-120/208V transformer and main 400A, 120/208V main distribution board that meets the demands of the building. The main 15kV switch, liquid filled padmount transformer and main distribution boards and panel boards date back to building inception but are in good condition.

Main Distribution Board 277/480

Main Equipment Room

The following table provides installed capacities by substations and feeders. Approximate demands of the buildings are calculated at 30% of the installed capacities in absence of a metered data available.

Installed Capacities by Substation/Feeders

FEEDER	BUILDING	INSTALLED CAPACITY IN KVA	DEMAND IN KVA	YEAR BUILT	LAST RENOVATION
Feeder 'HV-1'	Central Plant	1000kVA	500kVA	2007	
Total		1000KVA	500KVA		
Feeder 'HV-2	Site Lighting and Domestic Water Pumps	150kVA	100kVA	2010	2010
Total		150KVA	100KVA		
Feeder 'HV-3'	Buildings 3200, 3700	500kVA	150kVA	1965	
	Building 8000	300KVA	90KVA	2002	
	Building 3400	500KVA	150KVA	1990	
	Buildings 3500, 3600	500KVA	150KVA	1965	
	Building 4000	300KVA	90KVA	1976	
	Building 7000	500KVA	150KVA	2006	
	Buildings 4500, 4600, 4700, 4900	300KVA	90KVA	1995	
	Building 4400	75KVA	22.5KVA	1976	2002
	Building 4100	300KVA	90KVA	1992	
	Building 5200, 5100, 5000	300KVA	90KVA	1971	
Total		3575KVA	1072.5KVA		
Feeder 'HV-4'	Building 2200, 2300	750kVA	225kVA	2007	
	Building 2100	300KVA	90KVA	1967	1980
	Building 2400	750KVA	225KVA	2009	2009
	Building 2000	750KVA	225KVA	1982	2007
	Trailers T100, T110, T120	150KVA	45KVA	1977	2003
	Building 1000	300KVA	90KVA	1965	2002
	Building 1200	1000KVA	300KVA	2003	
	Building 4800, 4000, 4100, 4200, 4300	500KVA	150KVA	1965	1992
Total		4500kVA	1350kVA		

Analysis of Existing System

A review of the existing 4.16kV, electrical distribution revealed the following:

A 4.16kV electrical upgrade project undertaken by the campus in 1995 replaced and upgraded the existing main loop 5kV feeders, provided a main 4.16kV switchgear and replaced majority of old oil fused cut outs in each of the buildings, The electrical 5kV primary power distribution system at the campus is thus in good condition and is adequately sized to serve the existing loads of the campus.

Power to each building on campus is served through a series of combination power/telecommunications vaults and medium voltage duct banks originating from the main switchgear. The medium voltage duct banks are routed through selector switches either located outside the buildings to facilitate disconnection of individual buildings. A concrete wall separates the power and telecommunication side of each of the vaults. However, low voltage circuits serving exterior lighting, irrigation controllers and other ancillary loads currently traversing through the telecommunications portion of the vault should be relocated to meet code requirements.

The 5kV feeders traverse through a series of above ground, outside padmounted and indoor mount sectionalizing switches. The sizes of these switches range from 200A to 600A, 15 KV rated. All switches were installed in 1995 and are in good condition. The isolation switches comprise of load break elbows which enable the facilities personnel to switch loads between different feeders and isolate a portion of the existing system for maintenance and expansion. However, the campus is not able to switch the feeders unless the switch is shut down due to the front cover being removed to access the load break elbows and thus results in loss of power to buildings connected to respective switches.

The condition of the main substations/main switchboards and liquid filled padmount transformers serving the buildings vary based on the age of the building. While majority of the buildings still have the original transformer substations that date back to building inception, a number of facilities have new transformer substations and distribution switchboards that were either upgraded as part of a renovation project or were part of a new facility added to the campus. The individual buildings have transformers with 4,160V primary and 480V/208V and 120/208V, secondary voltages.

Buildings '5200', '4800', '4400', '4000', '3500', '3200', '2100', '2000' and tennis courts main electrical distribution system is old, at the end of its useful life, spare parts are difficult to find and are in need of replacement.

All buildings should be submetered to monitor existing energy consumption.

System Evaluation

The existing switchgear and SCE substation have adequate spare capacity to accommodate proposed facilities planned as part of the facilities master plan.

The existing feeders 'HV-1' 'HV-2' 'HV-3' and 'HV-4' were replaced in 1995, have adequate capacity to handle existing loads and are in good condition.

Electrical System Assessments

San Elijo Campus

Typical SDG&E pad mount transformer

Typical 480-120/208V transformer

Typical panelboard

Typical Main distribution board with SDG&E meter

Mira Costa's San Elijo College campus is currently served from four SDG&E owned pad mount liquid filled transformers located at strategic locations on campus. Each pad mount liquid filled transformer meets the demand of a cluster of buildings and serves a main 480V main distribution board equipped with SDG&E meter and multiple 480V breakers located in one of these buildings. Main 480V feeders originating from this main distribution board serve 480V-120/208V transformers and 277/480V and 120/208V panels in the other buildings that form part of the cluster and meet the demands of the buildings.

The following pages provide a description of the main distribution system that serves each of the buildings, electrical equipment with in each of the buildings and their condition.

Buildings ‘100’, ‘200’, and ‘300’

Building 100 - Generator for Data Center

Building 100 - Main Distribution board

Building 100 - Panel boards Typ.

Building 100 - Panel boards Typical

Buildings ‘100’, ‘200’ and ‘300’ are served from an SDG&E pad mount liquid filled transformer located on the south side of the these buildings. These buildings form a cluster and were built in 1989. The pad mount transformer serves a 800A, 277/480V, 3phase, 4wire main distribution board equipped with SDG&E meter located in an electrical room on the west side of building ‘100’. The main distribution board serves a 277/480V panel which in turn serves a 455kVA, 480-120/208V transformer and 120/208V panelboards that meet the power demands of the building ‘100’. Main 480V feeders originating from this main distribution board also serve a 112.5kVA and a 45kVA 480V-120/208V transformer and 277/480V panels in buildings ‘200’ and ‘300’ respectively that in turn serve 120/208V panels in these buildings that currently meet the power demands of these buildings.

Building 900 - SDG&E pad mount transformer

Building 900 - Typical 480-120/208V transformer

Building 900 - Typical panelboard

Building 900 - Typical panelboard

Buildings ‘500’, and ‘600’

Building 500 - Main distribution board with SDG&E meter

Building 500 - SDG&E pad mount transformer

Building 500 - Typical panelboard

Building 500 - Typical panelboard

Buildings ‘500’ and ‘600’ are served from a third SDG&E pad mount liquid filled transformer located on the south side of these buildings. Building ‘500’ and ‘600’ were built in 1992. The pad mount transformer serves an 800A, 120/208V, 3phase, 4wire main distribution board equipped with SDG&E meter located in an electrical room on the west side of building ‘600’. The main distribution board serves120/208V panelboards that meet the power demands of the building. Main 208V feeder originating from this main distribution board also serves a 600A,120/208V main switchboard located in an electrical room on the west side of building ‘500’ which in turn serves 120/208V panels in the buildings that currently meet the power demands of the building. The main distribution board and the panelboards are in good condition.

Building 600 - Typical panelboard

Building 600 - Main distribution board

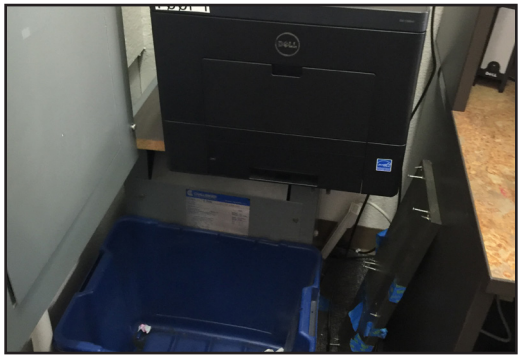
Building 600 - Typical panelboard

Buildings ‘700’, and ‘1000’

Building 700 - Typical panel roars

Building 700 - Main distribution board with SDG&E meter

Building 700 - SDG&E pad mount transformer



Building 700 - 480-120/208V transformer

Buildings ‘700’ and ‘1000’ are served from a fourth SDG&E pad mount liquid filled transformer located on the east side of the ‘700’ building. Building ‘700’ was built in 1962. Building ‘1000’ was completed in 2014. The pad mount transformer serves a 400A, 277/480V, 3phase, 4wire main distribution board equipped with SDG&E meter located in an electrical closet on the south side of building ‘700’. The main distribution board serves a 15kVA, 480-120/208V transformer and 120/208V panelboards that meet the power demands of the ‘700’ building. Main 480V feeder originating from this main distribution board also serves a main 400A, 277/480V distribution board in Building ‘1000’ which in turn serves a 112.5kVA, 480V-120/208V transformer and 120/208V panels in the building that currently meet the power demands of the building.

Building 1000 - 120/208V panelboard

Building 1000 - 120/208V panelboard

Building 1000 - 120/208V panelboard

Building 1000 - 277/480V panelboard

Building 1000 - 277/480V panelboard

The following table provides installed capacities by each building. Approximate demands of the buildings are calculated at 30% of the installed capacities in absence of metered data available.

Installed Capacities by Substation/Feeders

Transformer	BUILDING	INSTALLED CAPACITY IN KVA	DEMAND IN KVA	YEAR BUILT	LAST RENOVATION
Transformer 'T1' Total	100,200 and 300	500kVA	150kVA	1988	
Transformer 'T2' Total	400,800 and 900	225kVA	75kVA	1988	
Transformer 'T3' Total	500 and 600	300kVA	100kVA	1992	
Transformer 'T4'	700	225kVA	75kVA	1988	
Transformer 'T4'	1000	225kVA	75kVA	2014	

Analysis of Existing System

A review of the existing electrical distribution revealed the following:

The main pad mount liquid filled transformers that currently serve buildings '100',200' and '300' and '400', '800' and '900' were recently replaced with new ABB transformers and are in good condition.

The condition of the main 480V/277V switchboards, 480-120/208V transformer and panelboards serving the buildings vary based on the age of each of the buildings. The main 480V/277V switchboards, 480-120/208V transformer and panelboards serving buildings '100', '200' and '300' date back to building inception and are in fair condition. A few of the panelboards in building '100' were recently replaced as part of the renovation project undertaken by the campus. In addition, a new main 120/208V distribution board was installed to meet the added loads of the facility.

The main 480V/277V switchboards, 480-120/208V transformer and panelboards serving buildings '400', '800' and '900' also date back to building inception and are in fair condition. The panelboards in buildings 900 were recently replaced as part of the renovation project undertaken by the campus in 2006.

The main 480V/277V switchboards, 480-120/208V transformer and panelboards serving buildings '500', and '600' also date back to building inception and are in fair condition.

The main 480V/277V switchboards, 480-120/208V transformer and panelboards serving building '700', also date back to building inception and are in fair condition. The main 480V/277V panel, 480-120/208V transformer and panelboards serving building '1000' were installed last year as part of the new building construction and are in good condition.

All buildings should be submetered to monitor existing energy consumption

System Evaluation

The existing pad mount liquid filled transformers and main distribution boards in each of the building have adequate capacity to meet the demands of each of the buildings.

Appendix

Mechanical System Assessments

Mechanical System Assessments

Oceanside Campus

Central Plant Overview

CH-1

MiraCosta College facilities cooling needs are currently met by two central plants. A main chilled water plant that serves a group of buildings and a small chilled water plant that just serves the Performing Arts complex.

Main Central Plant

The original main central plant equipment was installed in 1987 and was designed for ice storage but in 1994 the ice storage system was removed and the plant was converted to just chilled water .

The main chilled water plant consists of a combination of one 200 ton air cooled chiller, one 350 ton air cooled chiller, and one 300-ton water cooled electric centrifugal chiller. A single one-cell cooling tower provides heat rejection via a condenser water pump dedicated to the chiller. There is one standby condenser water pump.

The plant chilled water pumping is configured currently as a primary-secondary system. There are two (2) existing primary pumps with space for a third future pump. The primary pumps have variable frequency drives and feed a common header which in turn feeds each chillers. The primary pumps run at different speeds depending on which chillers are running.

There are three (3) existing secondary pumps with space for a fourth future pump. Each secondary pump has a variable frequency drive and feeds a common supply header. The supply header feeds the campus chilled water main supply and return loops.

Equipment capacities and operating parameters of the central plant are tabulated below:

Table 1: Chilled Water System

Chiller Tag	Equipment Type	Nominal Tons	Evaporator GPM	Entering CHWR, oF	Leaving CHWS, oF	CHW ΔT, oF	COP or kW/ton
CH-1	Air-cooled electric	200	500	55	45	10	-
CH-3	Air-cooled electric	350	830	55	45	10	-
WC-1	Water-cooled electric	300	703	55	45	10	0.56

Pump Tag	Equipment Type	GPM	Head, FT	Hp	Variable Frequency Drive
PP-1A	Centrifugal, End Suction	767	90	30	Yes
PP-1B	Centrifugal, End Suction	767	90	30	Yes
SP-1A	Centrifugal, End Suction	511	160	40	Yes
SP-1B	Centrifugal, End Suction	511	160	40	Yes
SP-1C	Centrifugal, End Suction	511	160	20	Yes

Condenser Water System

Chiller Tag	Equipment Type	Nominal Tons	Condenser GPM	Entering CWS, oF	Leaving CWR, oF	CW ΔT, oF
WC-1	Electric	300	879	80	90	10

CT-1

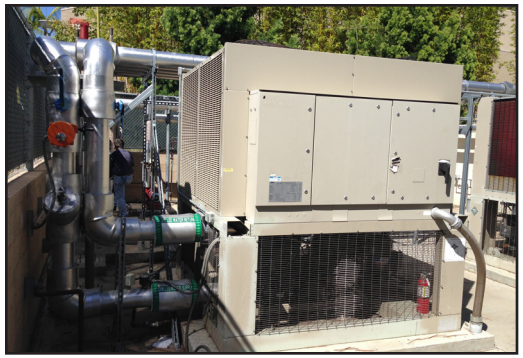
Cooling Tower Tag	Equipment Type	GPM	Entering CWR, oF	Leaving CWS, oF	Design Wet Bulb, oF	Fan Hp	Fan VFD
CT-1	Induced Draft	879	90	80	71	10	Yes

Pump Tag	Equipment Type	GPM	Head, FT	Hp	Variable Frequency Drive
CP-1A	Centrifugal, End Suction	879	55	40	Yes
CP-1B	Centrifugal, End Suction	879	55	40	Yes

WC-1

Condenser Water Pumps

Primary Pumps



CH-2400

CHW Pumps

Performing Arts Center

The smaller central plant at the Oceanside campus of MiraCosta College serves three (3) building at the Performing Arts complex, Buildings 2000, 2200, and 2400. Each building was originally configured with its own chiller and pumps. The plant has since been retrofitted and now has all three chillers feed a common header which in turn feeds each of the buildings.

The arts chiller plant consists of two McQuay air cooled chillers, 55 and 70 tons respectively, and one 60 ton Trane air cooled chiller. The plant operates using two (2) primary pumps in a variable primary pumping scheme.

Equipment capacities and operating parameters of this plant are tabulated below:

Table 2: Chilled Water System

Chiller Tag	Equipment Type	Nominal Tons	Evaporator GPM	Entering CHWR, oF	Leaving CHWS, oF	CHW ΔT, oF	COP or kW/ton
CH-1	Air-cooled electric	60	-	-	-	-	-
B2400	Air-cooled electric	70	-	-	-	-	-
B2200	Air-cooled electric	55	-	-	-	-	-

Pump Tag	Equipment Type	GPM	Head, FT	Hp	Variable Frequency Drive
1	Centrifugal, End Suction	-	-	40	Yes
2	Centrifugal, End Suction	-	-	40	Yes

Dedicated Cooling and Heating Systems

The following building are served by standalone heating and cooling systems.

Table 3

BUILDING	Area (Sq. Ft.)	System Type	Estimated Cooling Load (Tons)
T100 Veterans	1,920	Packaged Heat Pump	5-Ton
T110 Vacant	1,800	Packaged Heat Pump	5-Ton
T300 Office/Classroom	3,356	Packaged Heat Pump	7.5-Ton
T310 Office	1920	Packaged Heat Pump	5-Ton
T400 Classrooms	1920	Packaged Heat Pump	5-Ton
T410 Office/Classroom	1920	Packaged Heat Pump	5-Ton
T420 Offices	1920	Packaged Heat Pump	5-Ton
T430 Office/Classroom	1920	Packaged Heat Pump	5-Ton
T600 Purchasing Office	2130	Packaged Heat Pump	6-Ton
1100 Campus Police	1,440	Rooftop Packaged Heat Pump	4-Ton
2100 Photography		Rooftop Package Gas/Electric Unit	One 5-Ton Unit
2300 Creative Arts & Music	4,100	Rooftop Package Gas/Electric Unit	Three 4-Ton Units
4000 Automotive Technology	5,284	Rooftop Package Gas/Electric Unit	One 5-Ton, One 3.5-Ton & One 3-Ton Units
4000 Biotech		Rooftop A/C Unit with zone reheat	15-Ton
4400 Nursing/Allied Health	3,956		10-Ton
7000 Horticulture	11,193	Standalone central Chilled & Heating Hot Water feeding Fan Coils	30-Ton
8000 Child Care Center	12,654	Standalone central Chilled & Heating Hot Water feeding Air Handler	60-Ton

Building 7000 – Horticulture Complex

- Existing air-cooled chiller Nominal 34 Ton unit (35.5 Ton at 90 deg F enerting air temperature) Constant volume, all chilled water control valves are 3-way valves.
- Selected at 83 GPM, but apparently operating / balanced at 70 GPM
- 45 deg F leaving chilled water temperature
- 55 deg F entering chilled water temperature
- Water pressure drop 5.2 Ft
- Two chilled water pumps 71 GPM at 55 Ft
- EER – 10.4
- Serves 6 fan coils
  - » FC-1 1400 CFM, 12 GPM, WPD – 3.3 Ft (at 44 deg F EWT)
  - » FC-2 1950 CFM, 12 GPM, WPD – 4.0 Ft (at 44 deg F EWT)
  - » FC-3 2100 CFM, 14 GPM, WPD – 4.5 Ft (at 44 deg F EWT)
  - » FC-4 2400 CFM, 15 GPM, WPD – 5.4 Ft (at 44 deg F EWT)
  - » FC-5 1000 CFM, 7 GPM, WPD – 3.8 Ft (at 44 deg F EWT)
  - » FC-1 2200 CFM, 10 GPM, WPD – 2.0 Ft (at 44 deg F EWT)
- Total chilled water flow = 70 GPM
- Three additional 1.5 ton packaged split systems

The following building are served by standalone heating and ventilation systems.

BUILDING	Area (Sq. Ft.)	System Type	Cooling Load (Tons)
2100 Woodshop & Ceramics		Unit Heater	
4001 Automotive Technology Classroom	7,746	Unit Heater	

Chilled Water Distribution System

The main chilled water distribution at the campus comprises of underground chilled water piping installed in segments from 1987 to 2005. The main chilled water plant connects to the distribution loop with one set of 6” pipes. There are two branch takeoffs from this 6” main set of pipes downstream of the central plant. The first takeoff is a set of 4” pipes that branches off to serve buildings 3000, 3100, 3200, 3300, and 3700. The next takeoff is a set of 6” pipes that serve buildings 3400, 3500, and 3600. After these takeoffs, the 6” main goes in between buildings 1200 and 1000, then runs west of buildings 4800, T400, T410, T420, and T30; ending at building 4500. Buildings 1000, 1200, 4800, 4500, 4600, and 4700 all connect to this portion of the 6” main.

Majority of the buildings have accessible chilled water isolation valves with the exception of building 3400.

Heating Hot Water System

System Description

The heating hot water needs of the campus facilities are met by dedicated boilers located with in each of the buildings. The system comprises of a heating hot water boiler and pumps located with in the building. Dedicated boiler systems currently exist in buildings 1000, 1200, 2000, 2200, 2400, 3000, 3100, 3200, 3300, 3400 and 8000

A few locations have a small distributed heating hot water system that serves two or more buildings. These systems currently exist for buildings '3500' and '3600' and buildings '4500', '4600' and '4700'.

A few of the buildings have dedicated rooftop package electric units or heat pumps or wall mounted equipment that meet the heating needs of the facility. A list of these buildings is included in Table 3.

Estimated Cooling Loads

Table below provides estimated cooling loads of each of the facilities currently served by the main central plant and the performing arts complex plant:

Main Plant

Building Name	"Gross Square Footage"	"How Presently Served"	"Cooling Design Peak Load (tons)"	"Peak Design Square Foot / Ton"	Observed Diversity	"Cooling Load w/ Observed Diversity (tons)"	Square Foot / Ton
Main Campus Chilled Water Loop							
BLDG. 1000 ADMINISTRATION	20,572	Main Campus Chilled Water Plant (1)	73	282	0.65	47	434
BLDG. 1200 LIBRARY INFORMATION HUB	48,900	Main Campus Chilled Water Plant (1)	159	308	0.65	103	473
BLDG. 3000 STUDENTS SERVICES	6,414	Main Campus Chilled Water Plant (2)	21	305	0.65	14	470
BLDG. 3100 CLASSROOMS	8,464	Main Campus Chilled Water Plant (2)	27	313	0.65	18	482
BLDG. 3200 STUDENT ACCOUNTS	3,850	Main Campus Chilled Water Plant (2)	12	321	0.65	8	494
BLDG. 3300 ADMISSIONS / STUDENTS SERVICES	6,960	Main Campus Chilled Water Plant (2)	22	316	0.65	14	487
BLDG. 3400 STUDENT CENTER / ACTIVITIES	26,815	Main Campus Chilled Water Plant (2)	82	327	0.65	53	503
BLDG. 3500A CLASSROOMS	5,400	Main Campus Chilled Water Plant (2)	17	318	0.65	11	489
BLDG. 3500B CLASSROOMS	5,400	Main Campus Chilled Water Plant (2)	18	300	0.65	12	462
BLDG. 3600A CLASSROOM	6,920	Main Campus Chilled Water Plant (2)	22	315	0.65	14	484
BLDG. 3600B CLASSROOMS	4,060	Main Campus Chilled Water Plant (2)	13	312	0.65	8	480
BLDG. 3700 CAREER CENTER	6,083	Main Campus Chilled Water Plant (2)	18	338	0.65	12	520

Building Name	"Gross Square Footage"	"How Presently Served"	"Cooling Design Peak Load (tons)"	"Peak Design Square Foot / Ton"	Observed Diversity	"Cooling Load w/ Observed Diversity (tons)"	Square Foot / Ton
BLDG. 4500 SCIENCE	20,900	Main Campus Chilled Water Plant (2)	65	322	0.65	42	495
BLDG. 4600 CLASSROOMS	8,399	Main Campus Chilled Water Plant (2)	26	323	0.65	17	497
BLDG. 4700 INSTRUCTIONAL SERVICES	4,425	Main Campus Chilled Water Plant (2)	14	316	0.65	9	486
BLDG. 4800 COMPUTER / BUSINESS	8,600	Main Campus Chilled Water Plant (2)	25	344	0.65	16	529
Total Sq. Ft.	192,162	Total Peak Tons	614		Total Diversified Tons	399	
Complex Central Plant							
BDLG. 2000 THEATRE	34,207	Performing Arts Chilled Water Plant (1)	63	541	0.65	41	833
BDLG. 2200 CREATIVE ARTS	26,262	Performing Arts Chilled Water Plant (2)	65	404	0.65	42	622
BDLG. 2400 CONCERT HALL	12,000	Performing Arts Chilled Water Plant (1)	69	175	0.65	45	270
Total Sq. Ft.	72,469	Total Tons	197		Total Diversified Tons	128	

Analysis of Main Chilled Water Plant and Distribution

The Main Chilled Water Plant has a total capacity of approximately 800 Tons. The actual peak load the plant is seeing is 400 Tons or approximately 50% of its total capacity. The plant has the ability to support an additional load of 400 tons for future buildings.

Operating the plant at a chilled water temperature differential of 10 Deg F, the plants main 10" chilled water supply and return header can handle up to 1500 GPM at 6 Ft./ Sec. or 600 Tons. V

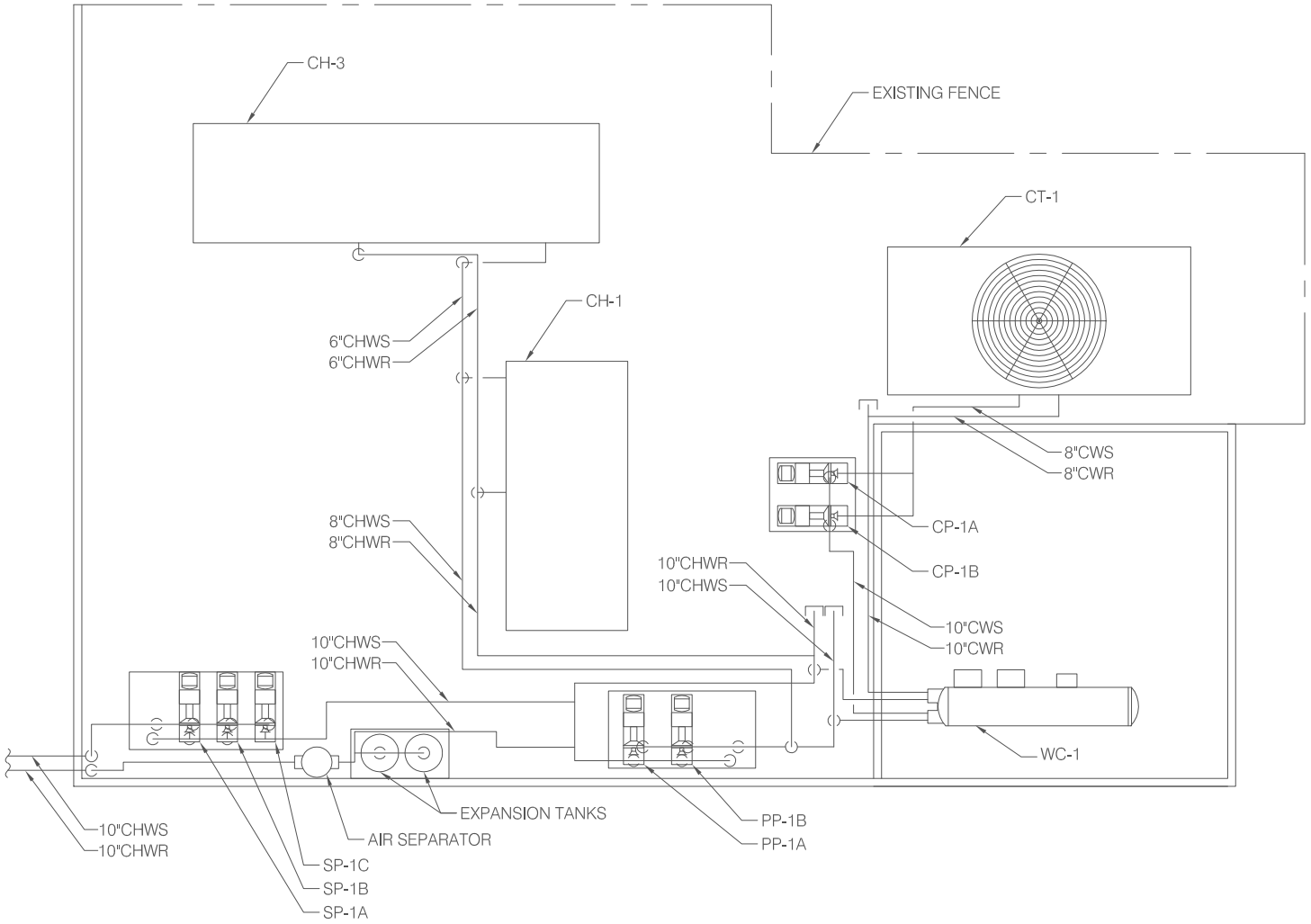
The 10" header feed a single 6" chilled water supply and return main that feeds the rest of the site. At the current load of 400 Tons the velocity is 10 Ft./Sec. Velocities above 6 Ft./Sec. are problematic and not recommended. They create elevated corrosion and wear on the pipe and substantial pressure drop and energy consumption.

After the 4" chilled water branch line that feeds buildings 3000, 3100, 3200, 3300 and 3700 the velocity in the 6" main drops to 8.9 Ft./Sec. After the 6" Branch line that feeds Buildings 3400 and 3500 the velocity in the main drops to 6.3 Ft./Sec.

It is recommended that the 6" chilled water main be replaced with a minimum of a 10" pipe.

Another option is to increase the chilled water temperature differential of 10 Deg F. The the temperature differential is increased from 10 deg F to 16 deg F, the flow rate for the same 400 Ton load would be reduced from 960 GPM to 600 GPM or 6.6 Ft./Sec. This would require further review of the building loads but in our experience is achievable.

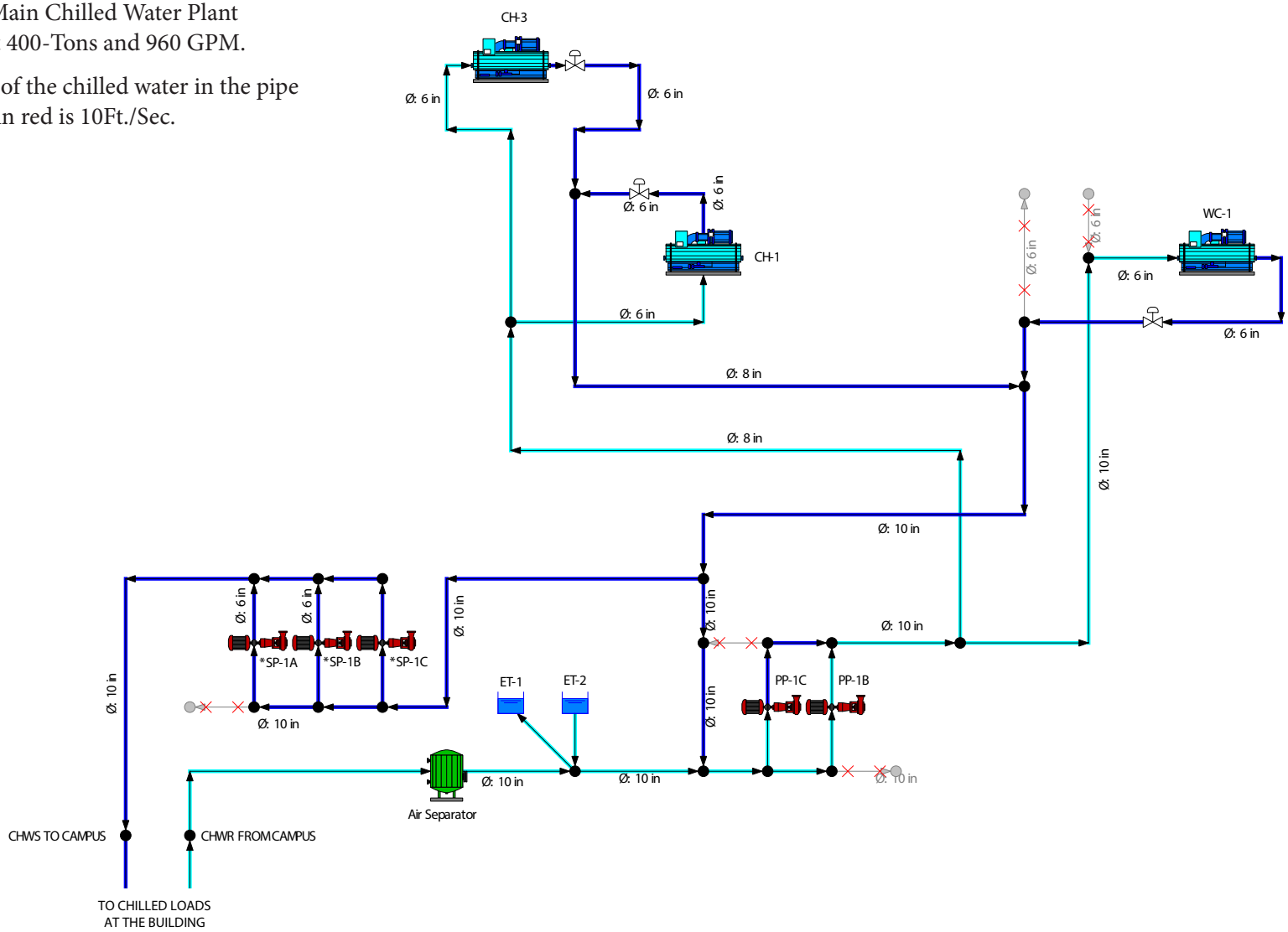
Main Chiller Plant Plan



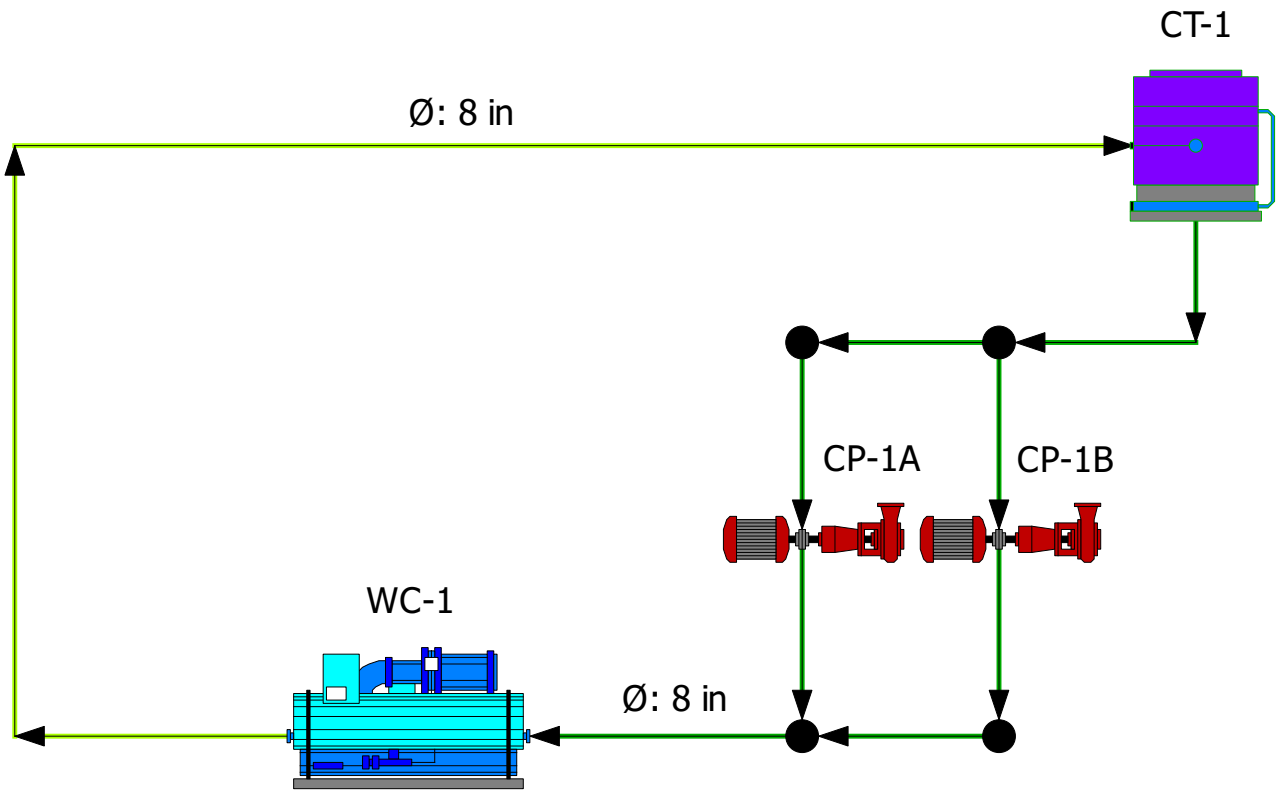
Pipe-Flo Model - Main Central Plant - Chilled Water Schematic

MiraCosta Main Chilled Water Plant Operating at 400-Tons and 960 GPM.

The velocity of the chilled water in the pipe highlighted in red is 10Ft./Sec.



Pipe-Flo Model - Main Central Plant - Condenser Water Schematic WC-1

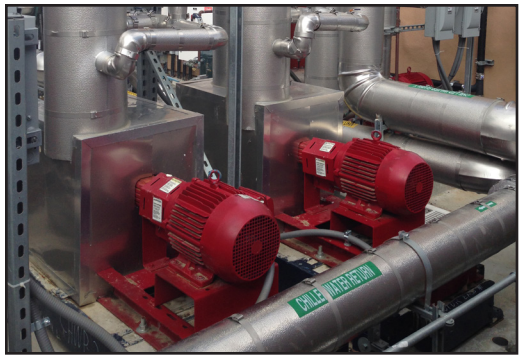


Mechanical System Assessments

San Elijo Campus

Mira Costa San Elijo campus is comprised of 10 separate buildings. Buildings 100 Library Information Hub, 200 Fine Arts, 300 Classrooms, 400 Biology/Life Sciences, 500 Language Arts & Sociology, 600 Classrooms / Faculty Office, 800 Administration , and 900 Student Center are served by water source heat pump systems. Each building is served by its own central condenser water system consisting of a closed circuit cooler, gas fired boiler and circulation pumps.

Condenser water is piped to water source heat pumps located through each building to provide cooling and heating to each individual zone. The closed circuit cooler is used to maintain the condenser water cooling set point. The hot water boiler heats up the condenser water to maintain the condenser heating water set point. Each condenser water system is provided with an air separator and expansion tank. From a first time cost perspective water source heat pumps are very cost effective but there are many more pieces of equipment requiring maintenance.



Building 1000 Chiller

Building 1000 - Air-cooled chiller

Buildings 100, 200, 300, 400, 800, and 900 were constructed in 1987 and buildings 500 and 600 were constructed in 1989, Building 900 was expanded in 2006 and included replacing the entire central condenser water system.

Buildings 700 is the San Elijo campus maintenance facility and is served primarily by heat / vent systems. The large open bay has gas fired unit heaters to provide heating and exhaust fans to provide ventilation. The office are is conditioned by a 3-ton split heat pump. The wall mounted packaged terminal heat pump unit in one of the offices is non functional. Building 700 was built in 1987

Building 1000 is the Chemical Sciences building. The building uses a 100% outside air system with reheat at the zone. The air handling unit and exhaust air system are both variable air volume. The exhaust air system has multiple high plume exhaust fans to prevent the air from being entrained into the air handler intake. To insure operational safety there is a standby exhaust fans in case one fan fails. The air handler is served by a small air-cooled chiller and gas fired boiler located next to Building 700. Building 1000 was built in 2014 and both the chilled water and heating hot water system have future capacity.

Typical Water Source Heat Pump Closed Circuit Cooler

BUILDING	Area (Sq. Ft.)	System Type	Cooling Tower Capacity (Tons)
100 Library Information Hub	12,258	Water Source Heat Pump	30.0
200 Fine Arts/Music	11,280	Water Source Heat Pump	24.3
300 Classroom	7,884	Water Source Heat Pump	24.0
400 Biology/Life Sciences	6,276	Water Source Heat Pump	17.0
500 Language Arts, Sociology	8,228	Water Source Heat Pump	75.0
600 Classrooms & Faculty Offices	5,842	Water Source Heat Pump	35.0
700 Facilities	1,595	Heat/Vent with wall mounted Heat Pump	N/A
800 Administration	4,528	Water Source Heat Pump	11.0
900 Student Center	9,422	Water Source Heat Pump	30.0
1000 Chemical Sciences	4,080	100% Outside Air VAV Air Handler with Reheat	64

Analysis of Existing System

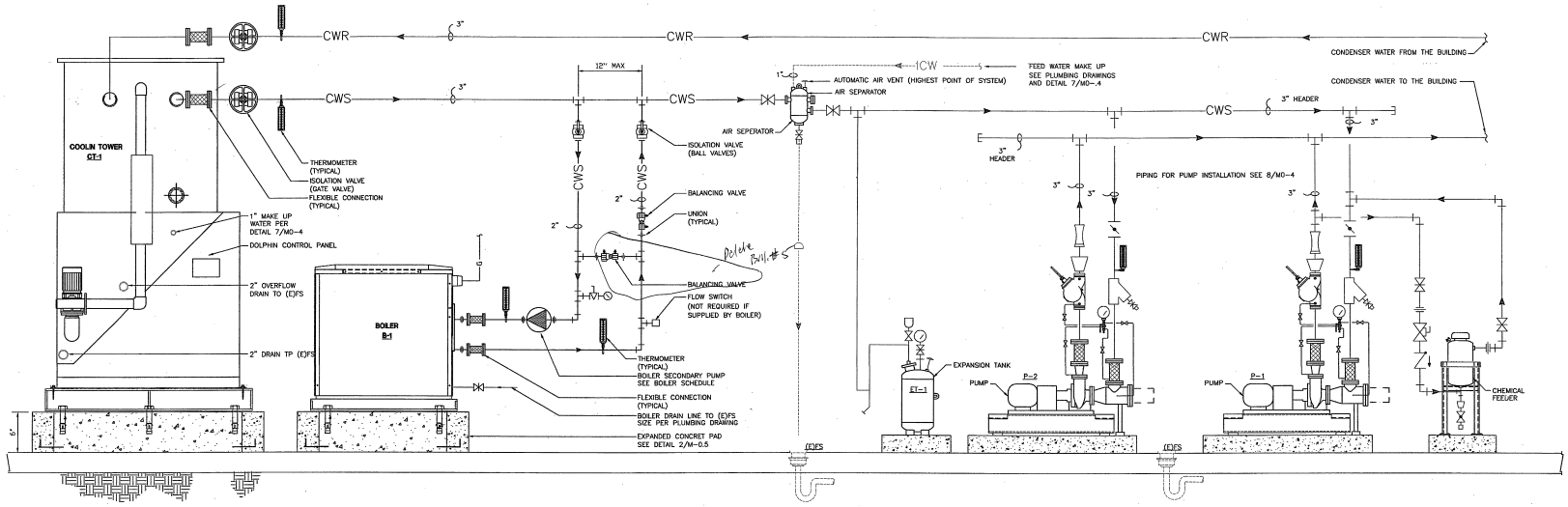
The original water source heat pump system in Building 100, 200, 300, 400, 500, 600, 800, and 900 were installed in 1987 and 1990. Water source heat pumps have a life between 10 to 15 years. The majority of the heat pumps have been replaced within the last ten years. The replacement of the water source heat pumps is ongoing maintenance issue. All of the water source heat pump supply and return air plenums and ductwork is in need of being cleaned. The original cooled circuit coolers and pumps have been in service for 25 to 28 years. The life expectancy for closed circuit coolers is 20 years. All of the closed circuit coolers have been replaced within the last eight years, with the exception of building 100. The existing closed circuit coolers have stainless steel components and are located inside the mechanical room. Both of these conditions add to the life expectancy. With these conditions take into affect the life of the closed circuit coolers is approximately 30 years. The existing closed circuit cooler at Building 100 should be replaced within the next five years.

The heating hot water boiler has a life expectancy of 15 years. Most of the original boilers have been replaced, but those that haven't been will need to be replaced within the next 3-5 years. The pumps have a life expectancy of 20 years and should be replaced at the same time as the boilers.

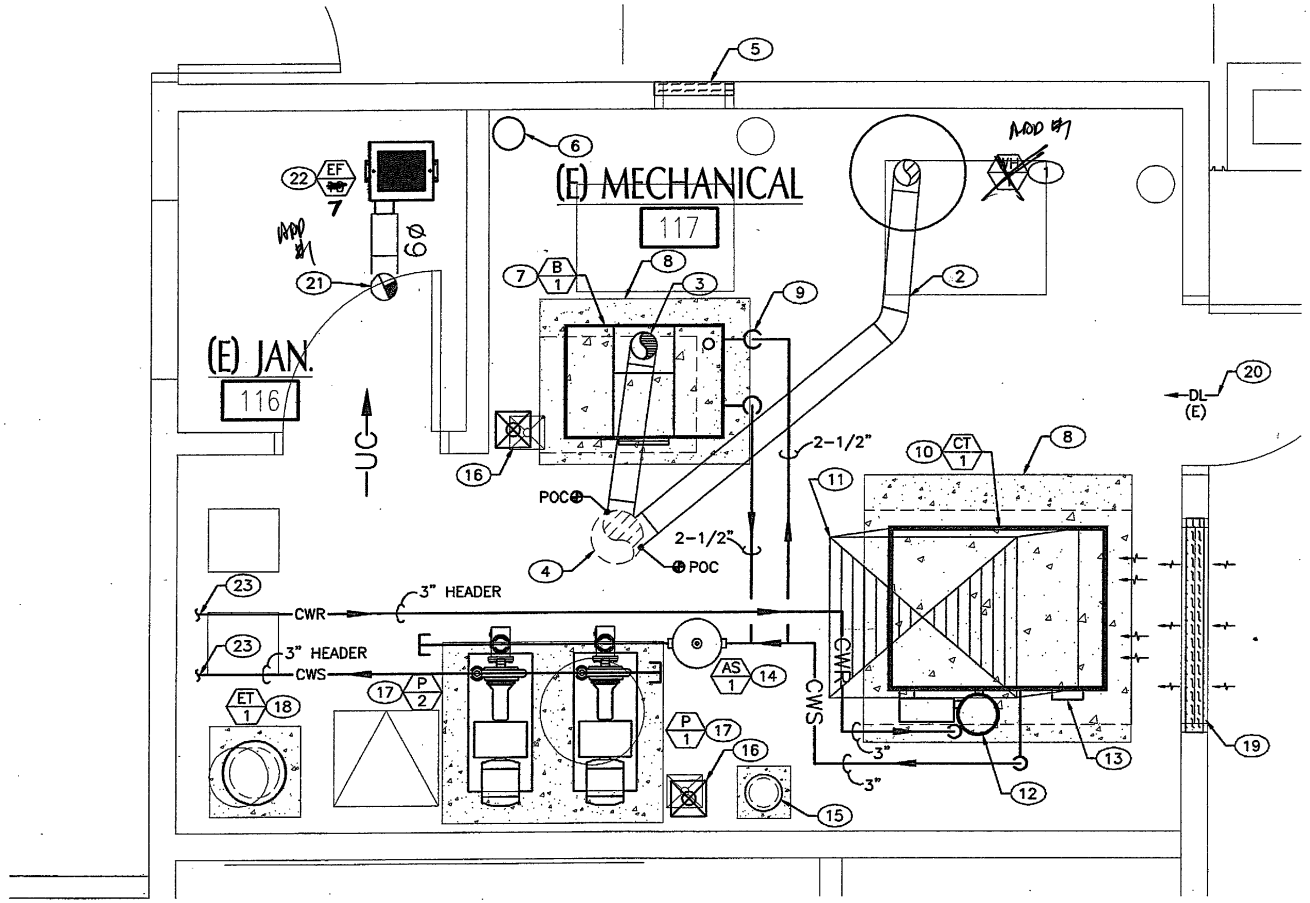
The unit heaters and package terminal heat pump in building 700 are 28 years old. Unit heaters have a life expectancy of 13 years and terminal heat pump has a life of 10 to 15 years. These units should be replaced.

The mechanical systems serving building 1000 have all been recently installed and have a life span of 20 to 30 years and are in good condition.

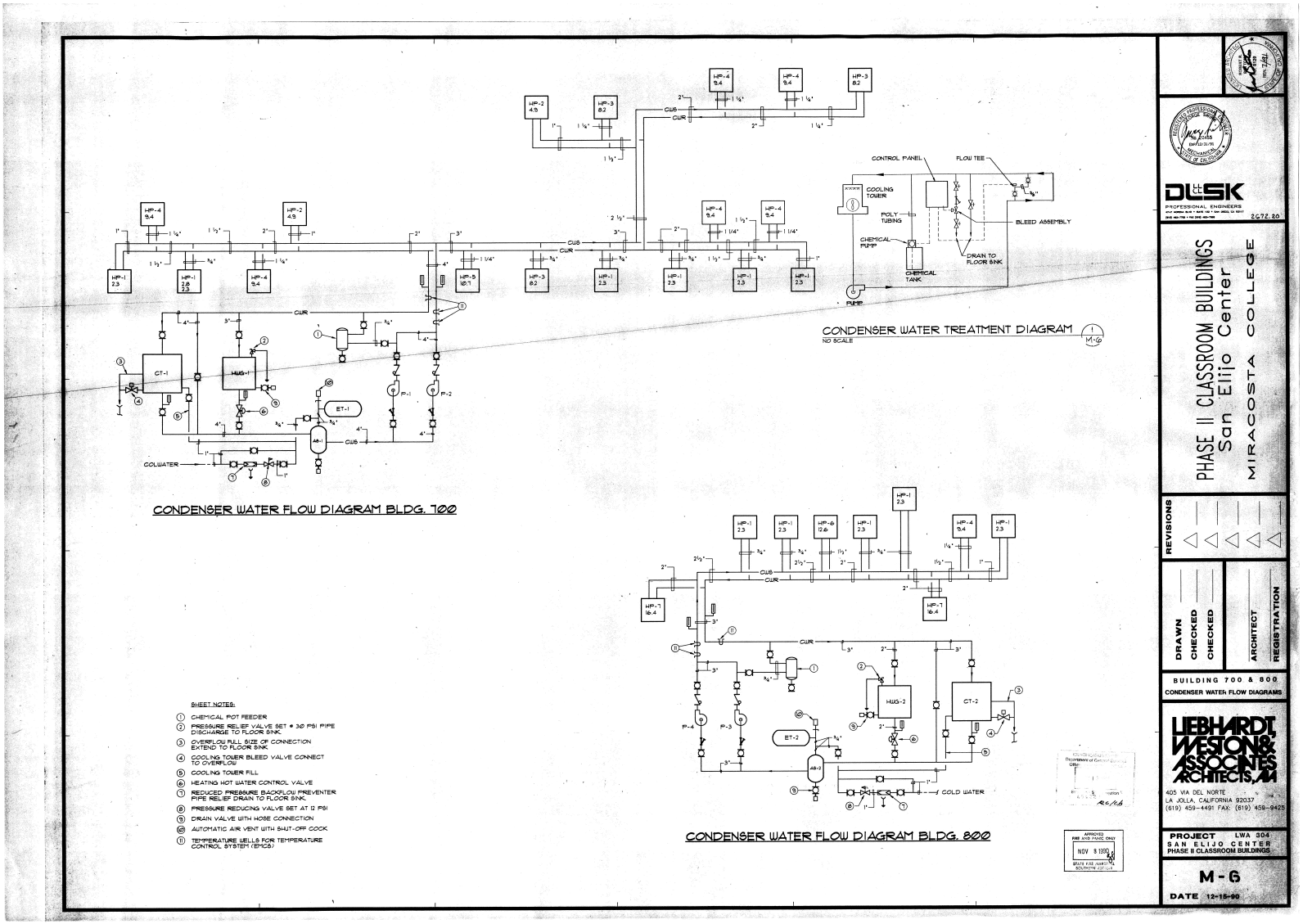
Typical Water Source Heat Pump Schematic Diagram



Typical Mechanical Equipment Room with Closed Circuit Cooler, Boiler and Pumps for Water Source Heat Pumps at the San Elijo Campus



Typical Schematic Diagram for the Water Source Heat Pumps at the San Elijo Campus



Appendix

Natural Gas System Assessments

Natural Gas System Assessments

Oceanside Campus

SDG&E gas meter along Barnard Drive.

MiraCosta College – Oceanside campus is currently served from a single gas meter located along Barnard drive adjacent to the sidewalk that derives its service from a SDG&E owned high-pressure line. The SDG&E meter assembly is comprised of a Roots main meter model 7M175, dual pressure regulators, shut-off valves and test ports. The meter set-up appears to be several years old and is in good working condition.

Natural Gas downstream of the SDG&E meter is a 3" P.E. line running north along Barnard drive and is distributed at medium pressure at approximately 5 psig to each building on campus. The distribution system has expanded over the years to accommodate campus expansions and additions. Gas campus mains are either polyethylene (P.E.) or steel ranging from 1-1/4-inch to 4-inches in diameter. At various locations, old unused steel lines as part of the old low pressure system were utilized as sleeves to distribute smaller diameter lines at a higher pressure. Majority of the gas infrastructure underground lines were replaced in the mid 1980's and appears to be in good working condition.

The medium-pressure gas is reduced to low-pressure gas at building connections via gas pressure regulators installed either above grade or in raised concrete vaults with vented covers. The low-pressure gas is then piped into buildings to serve hot water boilers used for Comfort Heating and domestic water heating.

The total estimated combined gas load demand for the existing system served through the main meter is 15,897 MBH (thousand BTU's per hour). At 1,000 BTU per cubic-foot-per-hour (CFH) natural gas conversion factor, the required gas flow demand is 15,897 CFH.

Building 1000

Building 1000 - Low pressure gas into building.

Building 1200 - Above grade gas pressure regulator along building exterior.

Building 1000 - Gas Pressure regulator inside concrete vault.

Building 1200 - Low pressure gas into building.

Building '1000' is served from a 1-1/2"MPG line with an in-line step-down regulator inside a raised concrete vault located on the south-west corner of the building. The vault has a vented removable cover and houses an above grade pressure regulator assembly, take-down union and shut-off valve. A low pressure gas line downstream of the regulator then runs underground below the walkway, rises exposed along the building exterior and into the building. Piping and components appear to be in good working condition.

Building '1200' is served from a 1-1/2"MPG line with an in-line step-down regulator located on the south-east corner of the building. The above grade pressure regulator assembly includes take-down unions, shut-off valve and earthquake valve. A low pressure gas line downstream of the regulator then runs into the building with a separate line serving the Emergency Generator located on the east side of the building. Piping and components appear to be in good working condition.

Buildings 2000, 2200 and 2300

Building 2000 - low pressure gas into building with shut-off on rise.

Building 2300 - Above grade gas pressure regulator along building exterior.

Building 2200 - Above grade gas pressure regulator along building exterior.

Building '2000' is served from a 1"MPG line located on the west side of the building with a shut-off on at the pipe rise. It is assumed that a gas pressure regulator assembly exists inside the building to step-down from medium to low pressure. Piping and components appear to be in good working condition.

Building '2200' is served from a 1-1/4"MPG line with an in-line step-down regulator located on the south-east corner of the building. The above grade pressure regulator assembly includes take-down unions, shut-off valve and earthquake valve. A low pressure gas line downstream of the regulator then runs into the building. Piping and components appear to be in good working condition.

Building '2300' is served from a 1"MPG line with an in-line step-down regulator located on the east side of the building. The above grade pressure regulator assembly includes take-down unions, shut-off valve and earthquake valve. A low pressure gas line downstream of the regulator then runs into the building. Piping and components appear to be in good working condition.

Building 3000 and 3100

Building 3000 - Gas Pressure regulator inside concrete vault.

Building 3100 - Gas Pressure regulator inside concrete vault.

Building 3000 - Low pressure gas into building.

Building 3100 - Low pressure gas into building.

Building '3000' is served from a 1-1/2"MPG line with an in-line step-down regulator inside a raised concrete vault located on the south side of the building. The vault has a vented removable cover and houses an above grade pressure regulator assembly, take-down union and shut-off valve. A low pressure gas line downstream of the regulator then runs underground below the walkway, rises exposed along the building exterior and into the building. Piping and components appear to be in good working condition.

Building '3100' is served from a 1-1/2"MPG line with an in-line step-down regulator inside a raised concrete vault located on the south side of the building. The vault has a vented removable cover and houses an above grade pressure regulator assembly, take-down union and shut-off valve. A low pressure gas line downstream of the regulator then runs underground below the walkway, rises exposed along the building exterior and into the building. Piping and components appear to be in good working condition.

Buildings 3400 and 3500

Building 3400 - low pressure gas into building (rise only).

Building 3500 - Gas Pressure regulator inside concrete vault.

Building 3500 - Low pressure gas into building.

Building '3400' is served from a 2"MPG line located on the east side of the building. It is assumed that a gas pressure regulator assembly with a shut-off exists inside the building to step-down from medium to low pressure. Piping and components appear to be in good working condition.

Building '3500' is served from a 1-1/2"MPG line with an in-line step-down regulator inside a raised concrete vault located on the west side of the building. The vault has a vented removable cover and houses an above grade pressure regulator assembly, take-down unions and a series of shut-off valves for campus laterals. A low pressure gas line downstream of the regulator then runs underground below the walkway, rises exposed along the building exterior and into the building. Piping and components appear to be in good working condition.

Buildings 3600, 3700, and 4000

Building 3600 - low pressure gas into building (rise only).

Building 4000 -Above grade gas pressure regulator along building exterior at the south-west corner.

Building 3700 - Above grade gas pressure regulator along building exterior.

Building 4000 - Above grade gas pressure regulator along building exterior at the south-east corner.

Building '3600' is served from a 1"MPG line located on the east side of the building. It is assumed that a gas pressure regulator assembly with a shut-off exists inside the building to step-down from medium to low pressure. Piping and components appear to be in good working condition.

Building '3700' is served from a 1-1/4"MPG line with an in-line step-down regulator located on the west side of the building. The above grade pressure regulator assembly includes take-down unions, shut-off valve and earthquake valve. A low pressure gas line downstream of the regulator then runs into the building. Piping and components appear to be in good working condition.

Building '4000' is served from dual 1-1/2"MPG lines with in-line step-down regulators located on the south-west and south-east corners of the building. The above grade pressure regulator assemblies include take-down unions and shut-off valves. Low pressure gas lines downstream of the regulators then run into the building separately to serve multiple gas-fired units in opposite side of the building. Piping and components appear to be in good working condition.

Buildings 4200 and 4400

Building 4200 - Above grade gas pressure regulator along building exterior.

Building 4400 - Above grade gas pressure regulator along building exterior on the south side of the bldg.

Building 4200 - Low pressure gas line running exposed along building exterior.

Building 4400 -Low pressure gas into building at north-west corner.

Building '4200' is served from a 1-1/4"MPG line with an in-line step-down regulator located on the west side of the building. The above grade pressure regulator assembly includes take-down unions and shut-off valve. A low pressure gas line downstream of the regulator then runs along the building exterior exposed towards the rear of the building and into the building. Piping and components appear to be in good working condition.

Building '4400' is served from a 1-1/2"MPG line with an in-line step-down regulator located on the south side of the building. The above grade pressure regulator assembly includes take-down unions, shut-off valve and earthquake valve. A low pressure gas line downstream of the regulator then runs into the building. A separate low pressure line with shut-off on rise extends to the north-west corner of the building. Although in working condition, piping at the regulator assembly appears to be corroded and will need to be replaced

Buildings 4500, 4600, and 4800

Building 4500 - Above grade gas pressure regulator along building exterior.

Building 4800 - Gas Pressure regulator inside concrete vault.

Building 4600 - Enclosure along the building exterior believed to house the gas pressure regulator with shut-off.

Building 4800 - Low pressure gas into building.

Building '4500' is served from a 1-1/4"MPG line with an in-line step-down regulator located on the south-east corner of the building. The above grade pressure regulator assembly includes take-down unions and shut-off valve. A low pressure gas line downstream of the regulator then runs into the building. Piping and components appear to be in good working condition.

Building '4600' is served from a 1-1/4"MPG line located on the east side of the building. It is assumed that a gas pressure regulator assembly with a shut-off exists inside the building to step-down from medium to low pressure or located inside an enclosure found on site at the time of visit.

Building '4800' is served from a 2"MPG line with an in-line step-down regulator inside a raised concrete vault located on the south side of the building. The vault has a vented removable cover and houses an above grade pressure regulator assembly, take-down unions and shut-off valve. A low pressure gas line downstream of the regulator then runs underground below the walkway, rises exposed along the building exterior and into the building. Piping and components appear to be in good working condition.

Buildings 5100, 5200, and 7000

Building 5100 - Gas Pressure regulator inside underground vault.

Building 5200 - Low pressure gas into building with shut-off on rise.

Building 5100 - Low pressure gas into building.

Building 7000 - Above grade gas pressure regulator along building exterior.

Building '5100' is served from a 2"MPG line with an in-line step-down regulator inside an underground vault located on the east side of the building. The vault has a vented removable cover and houses a pressure regulator assembly, take-down unions and shut-off valve. A low pressure gas line downstream of the regulator then runs underground below the walkway, rises exposed along the building exterior and into the building. Piping and components inside vault was not observed. Piping and components at the building rise appear to be in good working condition.

Building '5200' is served from a 1-1/4"MPG line located on the south side of the building with a shut-off on the pipe rise. It is assumed that a gas pressure regulator assembly exists inside the building to step-down from medium to low pressure. Although in working condition, piping appears to be corroded and will need to be replaced.

Building '7000' is served from a 1-1/2"MPG line with an in-line step-down regulator located on the west side of the building. The above grade pressure regulator assembly includes take-down unions, shut-off valve and earthquake valve. A low pressure gas line downstream of the regulator then runs into the building. Piping and components appear to be in good working condition.

Building 8000

Building 8000 - Gas Pressure regulator inside underground vault.

Building '8000' is served from a 1-1/4"MPG line with an in-line step-down regulator located on the north side of the building. The above grade pressure regulator assembly includes take-down unions and shut-off valve. A low pressure gas line downstream of the regulator then runs into the building. Piping and components appear to be in good working condition.

A site plan showing existing natural gas distribution piping system throughout the campus is provided at the end of the section.

Table 1 provides approximate Heating and Domestic connected load demands based on building square footage in absence of metered data in each proposed or future buildings.

TABLE 1: EXISTING GAS LOADS

METER 1 - Location: along Barnard Drive							
Bldg. No.	Building Name	Occupancy Type	Gross Area (Sq. Ft.)	Heating Load Factor (BTUH/sq.ft.)	Estimated Heating Load (CFH)	Estimated Domestic Load (CFH)	Total Gas Load (CFH)
55	Green House	Agriculture	4,000	25	100	35	135
61	Green House	Agriculture	3,700	25	95	33	128
1000	Administration	Academic	20,575	35	720	360	1,080
1200	Library	Library	48,900	30	1,470	588	2,058
2000	Theatre	Public Gathering	34,210	40	1,370	822	2,192
2200	Creative Arts	Academic	26,260	35	920	460	1,380
2300	Art/Music	Academic	4,100	35	145	73	218
3000	Student Services	Office	6,415	30	190	76	266
3100	Classrooms	Classroom	8,465	35	295	148	445
3400	Student Center	Academic	26,815	35	950	475	1,425
3500	Classroom	Classroom	5,400	35	200	100	300
3600	Classroom	Classroom	6,920	35	240	120	360
3700	Career Center	Academic	6,085	35	210	105	315
4000	Auto Tech.	Industrial	5,480	30	165	66	231
4200	Facilities	Office	6,000	30	180	72	252
4400	Allied Health	Office	3,960	30	120	48	168
4500	Science	Classroom/Lab	20,900	35	735	368	1,103
4600	Classroom	Classroom	8,400	35	295	148	443
4800	Business	Office	8,600	30	260	104	364
5100	Gymnasium	Gymnasium	22,210	45	1,000	700	1,700
5200	P.E. Locker rooms	Public Gathering	4,500	40	180	108	288
7000	Horticulture	Agriculture	11,195	25	280	98	378
8000	Child Develop. Ctr.	Academic	12,655	35	445	223	668
	TOTAL						15,897

Indicated loads are estimated (based on BTUH/square foot)
* Indicates Actual connected load (based on as-built information and/or field verification of Installed equipment)
** Indicates anticipated load (based on anticipated Installed gas fired equipment)

Analysis of Existing Systems

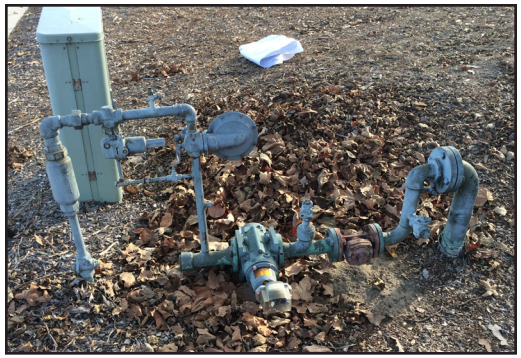
A review of the current load demands from the totals of the campus, revealed that the existing main medium pressure distribution lines are adequately sized to meet the demands of existing facilities on the campus.

A review of the existing natural gas distribution system revealed the following:

- Underground Steel gas lines should be replaced with polypropylene (P.E.) installed with tracer wires.
- Exposed steel lines showing sign of corrosion at areas mentioned in previous paragraphs should be replaced and painted with rust inhabitant paint.
- Provide isolation at campus laterals by means of an underground gas valve in concrete boxes with covers marked “GAS” and painted “Yellow”.
- Earthquake valves for emergency gas supply shut-off should be provided at each meter location on the downstream side of the regulator or at each buildings supply.
- Buildings should be sub-metered to monitor gas consumption and get a clear understanding of the total gas energy being used at each of the buildings. This will help the campus better manage their energy budget.

Natural Gas System Assessments

San Elijo Campus



SDG&E gas meter along Manchester Avenue.

Mira Costa's San Elijo campus is currently served from a single gas meter located along Manchester Avenue adjacent to the sidewalk and derives its service from a SDG&E owned high-pressure line. The SDG&E meter assembly is comprised of a Roots main meter model 3M175, dual pressure regulators, shut-off valves, strainer and test ports. The meter set-up was installed in the early 1990's and appears to be in good working condition.

Natural Gas distribution downstream of the SDG&E meter is a 3" P.E. line traversing west through the parking lot and is distributed at medium pressure at approximately 5 psig to each of the buildings on campus. The distribution system has expanded over the years to accommodate campus expansions and additions. Gas campus mains are polyethylene (P.E.) ranging from 3/4-inch to 3-inches in diameter. Majority of the gas infrastructure underground lines were installed in early 1990's and appear to be in good working condition.

The medium-pressure gas is reduced to low-pressure gas at building connections via gas pressure regulators installed above grade. The low-pressure gas is then piped into buildings to serve hot water boilers used for Comfort Heating and domestic water heating.

The total estimated combined gas load demand for the existing system served through the main meter is 3,346 MBH (thousand BTU's per hour). At 1,000 BTU per cubic-foot-per-hour (CFH) natural gas conversion factor, the required gas flow demand is 3,346 CFH.

Buildings 100, 200, and 300

Building 100 - Gas supply into building with gas pressure regulator along building exterior.

Building 200 - Gas supply into building with gas pressure regulator along building exterior.

Building 300 - Gas supply into building with gas pressure regulator along building exterior.

Building 200 - Gas supply into building with gas pressure regulator along building exterior.

Building '100' is served from a 3/4"MPG line with an in-line step-down regulator located on the south-west corner of the building. The above grade pressure regulator assembly includes take-down unions and shut-off valve. A low pressure gas line downstream of the regulator then runs into the building. Piping and components appear to be in good working condition.

Building '200' is served from dual 3/4"MPG lines with in-line step-down regulators both located on the south side of the building. The above grade pressure regulator assemblies include take-down unions and shut-off valves. Low pressure gas lines downstream of the regulators then run into the building separately to serve multiple gas-fired units in different areas within the building. Piping and components appear to be in good working condition.

Building '300' is served from a 3/4"MPG line with an in-line step-down regulator located on the north side of the building. The above grade pressure regulator assembly includes take-down unions and shut-off valve. A low pressure gas line downstream of the regulator then runs into the building. Piping and components appear to be in good working condition.

Buildings 400, 500, 600, and 700

Building 400 - Gas supply into building with gas pressure regulator along building exterior.

Building 500 - Gas supply into building with gas pressure regulator along building exterior.

Building 600 - Gas supply into building with gas pressure regulator along building exterior.

Building 700 - Gas supply into building with gas pressure regulator along building exterior.

Building '400' is served from a 1-1/4"MPG line with an in-line step-down regulator located on the north side of the building. The above grade pressure regulator assembly includes take-down unions and shut-off valve. A low pressure gas line downstream of the regulator then runs into the building. Piping and components appear to be in good working condition.

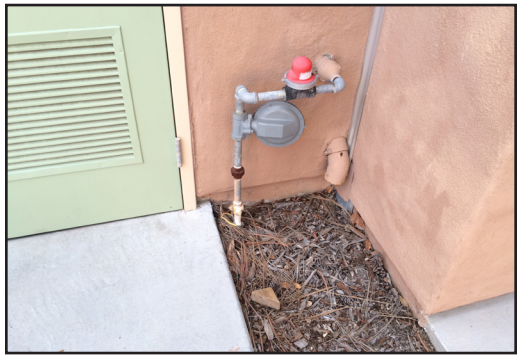
Building '500' is served from a 1-1/4"MPG line with an in-line step-down regulator located on the north side of the building. The above grade pressure regulator assembly includes take-down unions and shut-off valve. A low pressure gas line downstream of the regulator then runs into the building. Piping and components appear to be in good working condition.

Building '600' is served from a 1-1/4"MPG line with an in-line step-down regulator located on the east side of the building. The above grade pressure regulator assembly includes take-down unions and shut-off valve. A low pressure gas line downstream of the regulator then runs into the building. Piping and components appear to be in good working condition.

Building '700' is served from a 1-1/4"MPG line with an in-line step-down regulator located on the east side of the building. The above grade pressure regulator assembly includes take-down unions and shut-off valve. A low pressure gas line downstream of the regulator then runs into the building. Piping and components appear to be in good working condition.

Buildings 800, 900 and 1000

Building 800 - Gas supply into building with gas pressure regulator along building exterior.



Building 900 - Gas supply into building with gas pressure regulator along building exterior.

Building '800' is served from a 1-1/4"MPG line with an in-line step-down regulator located on the north side of the building. The above grade pressure regulator assembly includes take-down unions and shut-off valve. A low pressure gas line downstream of the regulator then runs into the building. Piping and components appear to be in good working condition.

Building '900' is served from a 1-1/4"MPG line with an in-line step-down regulator located on the north-east side of the building. The above grade pressure regulator assembly includes take-down unions, shut-off valve and earthquake valve. A low pressure gas line downstream of the regulator then runs into the building. Piping and components appear to be in good working condition.

Building '1000' is served from a 2"MPG line with an in-line step-down regulator located on the south side of the building. The above grade pressure regulator assembly includes take-down unions, shut-off valve and earthquake valve. A low pressure gas line downstream of the regulator then runs into the building. Piping and components appear to be in good working condition.

A site plan showing existing natural gas distribution piping system throughout the campus is provided at the end of the section.

Table 1 provides approximate Heating and Domestic connected load demands based on building square footage in absence of metered data in each proposed or future buildings.

TABLE 1: EXISTING GAS LOADS

METER 1 - Location: along Barnard Drive							
Bldg. No.	Building Name	Occupancy Type	Gross Area (Sq. Ft.)	Heating Load Factor (BTUH/sq.ft.)	Estimated Heating Load (CFH)	Estimated Domestic Load (CFH)	Total Gas Load (CFH)
100	LRC	Library	12,260	30	368	147	515
200	Fine Arts/Music	Academic	11,280	35	395	198	593
300	Classrooms	Classroom	7,885	35	276	138	414
400	Bio/Life Science	Classroom/Lab	6,276	35	220	110	330
500	Language	Academic	8,228	35	288	144	432
600	Classrooms	Classroom	5,842	35	205	103	308
700	Maintenance	Office	1,595	30	48	20	68
800	Administration	Office	4,528	30	136	55	191
900	Student Center	Academic	9,422	35	330	165	495
	TOTAL						3,346

Indicated loads are estimated (based on BTUH/square foot)
* Indicates Actual connected load (based on as-built information and/or field verification of Installed equipment)
** Indicates anticipated load (based on anticipated Installed gas fired equipment)

Analysis of Existing Systems

A review of the current load demands from the totals of the campus, revealed that the existing main medium pressure distribution lines are adequately sized to meet the demands of existing facilities on the campus.

A review of the existing natural gas distribution system revealed the following:

- Exposed steel lines showing sign of corrosion at areas mentioned in previous paragraphs should be replaced and painted with rust inhabitant paint.
- Provide isolation at campus laterals by means of an underground gas valve in concrete boxes with covers marked “GAS” and painted “Yellow”.
- Earthquake valves for emergency gas supply shut-off should be provided at each meter location on the downstream side of the regulator or at each buildings supply.
- Buildings should be sub-metered to monitor gas consumption and get a clear understanding of the total gas energy being used at each of the buildings. This will help the campus better manage their energy budget.

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Appendix

Space Assessments

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Space Assessments
Space Utilization

Introduction

Space utilization is the measurement of how often and to what capacity an instructional space is used. Space utilization studies provide detailed information that allows for analyzing current space and projecting future space needs. Using both time utilization percentage (the amount of time during the course of a day that a space has a scheduled event) and station use rate (the average amount of students in a scheduled event divided by the capacity of the space) a conclusion as to wether a space is over or under utilized.

Classrooms and instructional labs have different targets for both utilization percentages and station use rates due to the fact that these spaces have different needs and teaching practices. California State standards, which looks at "for-credit" courses only, sets classroom utilization percentage at 68% and classroom station use rate at a 66% average. State standards for class labs are 40% utilization and 85% station use rate.

The following utilization data, in conjunction with empirical data gathering, has been compiled to create a comprehensive analysis of the instructional spaces at MiraCosta. The utilization data includes both an analysis of "for credit" courses as well as "credit and non-credit" courses. The first conforms to state standards; the second provides a more realistic representation of space use. The data used for this analysis comes from MiraCosta's space scheduling software, Live 25, for Fall 2015. The data represents scheduled time only and does not account for informal use or non-scheduled use of spaces.

Space Assessments

Oceanside Campus

Instructional Space Utilization

Based on Fall 2011 Class Schedule

Room #	Room Name	Condition	A/V	Furniture Type	Seats Scheduled	Seats Provided	ASF	ASF/Seat Provided	Credit & Non-Credit Utilization hrs/wk	Credit & Non-Credit Utilization Percenta%	Credit & Non-Credit Utilization Target	Credit Only Seats Used While Occupied	Credit Only Station Use Rate	Credit Only Station Use Rate Target	Credit Only WSCH	Credit Only Utilization hrs/wk	Credit Only Utilization %	Credit Only Utilization Target
Theater							**804** total asf		**17** total hrs/wk	**24%**	**68%**		**55%**	**66%**		**17** total hrs/wk	**24%**	**68%**
2011	Classroom	Fair	A/V level 1 + TV	Tables & Chairs	35	39	804	**21**	17	24%	**68%**	19	**55%**	66%	334	17	24%	**68%**
Art							**3729** total asf		**44** total hrs/wk	**31%**	**40%**		**92%**	**85%**		**41** total hrs/wk	**29%**	**40%**
2101	Class Lab	Fair		Tables & Stools	27	40	1910	**48**	24	**34%**	40%	26	**96%**	85%	545	21	**30%**	40%
2104	Class Lab	Fair	No AV	Tables & Stools	25	24	1819	**76**	20	**28%**	40%	22	**88%**	85%	437	20	**28%**	40%
Creative Arts							**31604** total asf		**282** total hrs/wk	**50%**	**40%**		**65%**	**85%**		**250** total hrs/wk	**51%**	**40%**
2213	Rehearsal B	Good	Mobile TV		0		507		2	**3%**	40%	8		85%	19	2	**3%**	40%
2216	Control Room B	Good			0	24	541	**23**	18	**25%**	40%	27		85%	466	17	**24%**	40%
2217	Control Room A	Good			12	24	524	**22**	1	**1%**	40%	--		85%				40%
2218	Rehearsal A	Good			0		2143		46	**66%**	40%	20		85%	896	46	**65%**	40%
2242	Table Room	Good	No AV	Drafting Table & Stools	35	30	1538	**51**	62	**87%**	40%	29	**83%**	85%	1756	60	**85%**	40%
2243	Printmaking	Good			22		713		0		40%	--		85%				40%
2251	MIDI Piano Lab	Good	A/V Level 2		25		1146		49	**69%**	40%	20	**79%**	85%	605	31	**44%**	40%
2269	Easel Room	Good	A/V Level 2 + 3 Comps		40		1506		44	**62%**	40%	19	**46%**	85%	638	34	**49%**	40%
2272	Design Room	Good	A/V Level 2 + 18 Comps	Seats & Art Tables	45	32	1483	**46**	60	**86%**	40%	23	**52%**	85%	1412	60	**86%**	40%
Art							**2695** total asf		**60** total hrs/wk	**43%**	**49%**		**99%**	**85%**		**56** total hrs/wk	**40%**	**49%**
2304	Art/Music History	Good	A/V Level 2	Flexible Tables & Chairs	20	40	914	**23**	51	**73%**	68%	30	**152%**	85%	1493	49	**70%**	68%
2306	Class Lab	Good	A/V Level 2	Comp Workstations	40	47	748	**16**	9	**12%**	40%	18	**45%**	85%	118	7	**9%**	40%
2306A	New Genre Lab				0	0	1033		0		40%	--		85%	0	0		40%
Concert Hall							**7781** total asf		**78** total hrs/wk	**55%**	**40%**		**44%**	**85%**		**33** total hrs/wk	**23%**	**40%**
2405	Concert Hall	Good			424	424	3707		0		40%	--		85%	0	0		40%
2406	Class Lab (Platform)	Good			45		2094		47	**67%**	40%	16	**36%**	85%	45	3	**4%**	40%
2413	Class Lab (Rehersal)	Good	Projector/AV Cart/Flat Panel	Flexible Tables & Chairs	40	36	1980	**55**	31	**43%**	40%	21	**52%**	85%	613	30	**42%**	40%
Student Services							**551** total asf		**6** total hrs/wk	**8%**	**68%**		**64%**	**66%**		**6** total hrs/wk	**8%**	**68%**
3005	Classroom	Fair	A/V level 1	Flexible Tables & Chairs	28	20	551	**28**	6	**8%**	68%	18	**64%**	66%	106	6	**8%**	68%

Instructional Space Utilization

Based on Fall 2011 Class Schedule

Room #	Room Name	Condition	A/V	Furniture Type	Seats Scheduled	Seats Provided	ASF	ASF/Seat Provided	Credit & Non-Credit Utilization hrs/wk	Utilization Percenta%	Utilization Target	Credit Only Seats Used While Occupied	Station Use Rate	Station Use Rate Target	WSCH	Utilization hrs/wk	Utilization %	Utilization Target
Classrooms / Offices							**4571** total asf		**231** total hrs/wk	**65%**	**68%**		**88%**	**66%**		**221** total hrs/wk	**63%**	**68%**
3101	Classroom	Fair	A/V level 1	TACs	45	42	957	**23**	52	**73%**	68%	41	**92%**	66%	2099	51	**72%**	68%
3102	Classroom	Fair	A/V level 1	TACs	45	47	966	**21**	44	**62%**	68%	39	**86%**	66%	1504	39	**55%**	68%
3103	Classroom	Fair	A/V level 1	TACs	45	49	966	**20**	47	**66%**	68%	36	**80%**	66%	1659	46	**66%**	68%
3104	Classroom	Fair	A/V level 1	TACs	45	52	957	**18**	45	**63%**	68%	40	**89%**	66%	1717	43	**61%**	68%
3105	Classroom	Fair	A/V level 1	Computer Workstations		11					68%							68%
3106	Classroom	Fair	A/V level 1	TACs (Old)	35	37	725	**20**	43	**61%**	68%	33	**94%**	66%	1366	42	**59%**	68%
Bursar's / Classrooms							**2266** total asf		**100** total hrs/wk	**71%**	**68%**		**71%**	**66%**		**99** total hrs/wk	**70%**	**68%**
3201	Classroom	Good	A/V level 1	TACs	57	45	1132	**25**	44	**62%**	68%	41	**71%**	66%	1749	43	**61%**	68%
3205	Classroom	Good	A/V Level 2 + Doc Camera	Tables & Chairs	54	48	1134	**24**	56	**79%**	68%	38	**71%**	66%	2121	56	**79%**	68%
Classrooms							**8834** total asf		**578** total hrs/wk	**74%**	**68%**		**77%**	**66%**		**554** total hrs/wk	**71%**	**68%**
3501	Classroom	Good	A/V Level 4	TACs	42	42	859	**20**	54	**77%**	68%	31	**73%**	66%	1645	54	**76%**	68%
3504	Classroom	Good	A/V Level 4	TACs W/ Wheels	42	40	859	**21**	68	**96%**	68%	27	**65%**	66%	1854	68	**96%**	68%
3507	Classroom	Good	A/V Level 4	TACs	35	36	692	**19**	57	**81%**	68%	35	**99%**	66%	1875	54	**77%**	68%
3508	Classroom	Good	A/V Level 4	TACs	35	36	693	**19**	58	**83%**	68%	33	**94%**	66%	1907	58	**82%**	68%
3509	Classroom	Good	A/V Level 4	TACs	35	36	689	**19**	55	**78%**	68%	33	**95%**	66%	1732	52	**73%**	68%
3510	Classroom	Good	A/V Level 4	TACs W/ Wheels	35	36	689	**19**	53	**75%**	68%	26	**76%**	66%	1360	51	**73%**	68%
3511	Classroom	Good	A/V Level 4	Flexible Tables & Chairs	32	24	693	**29**	38	**54%**	68%	20	**61%**	66%	621	32	**45%**	68%
3512	Classroom	Good	A/V Level 5	TACs W/ Wheels	35	36	692	**19**	37	**53%**	68%	26	**75%**	66%	965	37	**52%**	68%
3515	Classroom	Good	A/V Level 4	TACs W/ Wheels	42	41	859	**21**	59	**83%**	68%	31	**73%**	66%	1705	55	**78%**	68%
3516	Classroom	Good	A/V Level 5	TACs W/ Wheels	60	41	1250	**30**	39	**55%**	68%	34	**56%**	66%	1192	35	**50%**	68%
3517	Classroom	Good	A/V Level 6	Retractable Comp. Sta.	42	36	859	**24**	60	**84%**	68%	33	**80%**	66%	1940	58	**82%**	68%
Classrooms / Offices							**5730** total asf		**233** total hrs/wk	**66%**	**68%**		**87%**	**66%**			**61%**	**68%**
3601	Lecture Hall	Fair	A/V Level 2	Fixed Lecture Chairs	0	111	2278	**21**	40	**57%**	68%	41		66%	1302	32	**45%**	68%
3606	Classroom	Good	A/V Level 4	TACs	36	39	866	**22**	38	**54%**	68%	32	**90%**	66%	1173	36	**51%**	68%
3607	Classroom	Good	A/V Level 4	TACs W/ Wheels	42	40	860	**22**	48	**68%**	68%	30	**72%**	66%	1320	44	**62%**	68%
3608	Classroom	Good	A/V Level 4	Flexible Tables & Chairs	36	41	866	**21**	59	**83%**	68%	37	**102%**	66%	2020	55	**78%**	68%
3609	Classroom	Good	A/V Level 4	Flexible Tables & Chairs	36	39	860	**22**	48	**68%**	68%	30	**83%**	66%	1418	48	**67%**	68%
Auto Tech							**9236** total asf		**115** total hrs/wk	**54%**	**46%**		**165%**	**79%**			**52%**	**46%**
4001	Auto Mechanic's Shop	Good		N/A	10		3229	**#DIV/0!**	49	**69%**	40%	31	**306%**	85%	1372	45	**64%**	40%
4004	Classroom	Good	A/V level 1 + 2 comps	Lab Tables & Chairs	25	28	686	**25**	0			–		66%	0	0		
4010	Auto Body Shop	Good	A/V Level 2 + 9 comps	Tables & Chairs	24	32	4708	**147**	31	**44%**	40%	27	**112%**	85%	830	31	**44%**	40%
4016	Classroom	Fair	A/V level 1 + Doc cam @ cart	Tables & Chairs	36	36	613	**17**	35	**50%**	68%	27	**76%**	66%	946	34	**49%**	68%
4050	Lab	Good	A/V level 1	Seats & Lab Tables		32					40%			85%				40%
4051	Lab	Good	No AV	Various Stations							40%			85%				40%

Instructional Space Utilization

Based on Fall 2011 Class Schedule

Room #	Room Name	Condition	A/V	Furniture Type	Seats Scheduled	Seats Provided	ASF	ASF/Seat Provided	Credit & Non-Credit Utilization hrs/wk	Credit & Non-Credit Utilization Percenta%	Credit & Non-Credit Utilization Target	Credit Only Seats Used While Occupied	Credit Only Station Use Rate	Credit Only Station Use Rate Target	Credit Only WSCH	Credit Only Utilization hrs/wk	Credit Only Utilization %	Credit Only Utilization Target
Allied Health							**2971** total asf		**33** total hrs/wk	**16%**	**47%**		**62%**	**76%**			**14%**	**47%**
4401	Skills Lab	Fair	1 projector w/ manual screen	Table & Chairs + Beds	20	24	1298	**54**	24	**34%**	40%	20	**99%**	85%	304	15	**22%**	40%
4407	Surgical Room	Fair	No AV	Beds	10	6	540	**90**	0		40%	--		85%	0	0		40%
4408	Surgical Tech Lab	Fair	1 projector w/ manual screen	Table & Chairs	26	24	502	**21**	4	**6%**	40%	6	**25%**	66%	24	4	**5%**	40%
4409	Classroom	Fair	A/V level 1		24	18	631	**35**	5	**8%**	68%	--		66%	0	0		68%
Science							**11635** total asf		**443** total hrs/wk	**63%**	**40%**		**92%**	**85%**			**55%**	**40%**
4501	Chemistry Lab	Fair	4 Computer Workstations	Lab Stations	28	26	1303	**50**	54	**76%**	40%	28	**99%**	85%	1451	52	**74%**	40%
4505	Chemistry Lab	Fair	A/V Level 2 + 4 comps	Lab Stations	28	26	1303	**50**	53	**76%**	40%	26	**94%**	85%	1406	53	**76%**	40%
4514	Biology Lab		A/V Level 3	Fixed Tables / Loose Seats	36	32	1380	**43**	36	**51%**	40%	30	**85%**	85%	821	27	**38%**	40%
4522	Biology Lab	Good	A/V Level 2	Fixed Tables / Loose Seats	22	36	1252	**35**	24	**34%**	40%	30	**134%**	85%	587	20	**28%**	40%
4523	Biology Lab	Good	A/V Level 2	Fixed Tables / Loose Seats	40	36	1256	**35**	50	**71%**	40%	31	**79%**	85%	1272	40	**57%**	40%
4526	Physics Lab	Good-Fair	A/V Level 2 + 8 comps	Fixed Tables / Loose Seats	36	32	1242	**39**	49	**70%**	40%	29	**81%**	85%	1406	48	**68%**	40%
4529	Earth Science Lab	Fair-Poor	A/V level 1/2	Table & Chairs	32	31	1145	**37**	55	**78%**	40%	29	**91%**	85%	1391	48	**68%**	40%
4530	CADD Lab	Fair	A/V Level 2 + 24 comps	Computer Workstations	30	24	1124	**47**	39	**55%**	40%	22	**73%**	85%	841	38	**54%**	40%
4531	Drafting Lab	Good-Fair	A/V level 1	Table & Chairs	21	23	815	**35**	23	**32%**	40%	19	**92%**	85%	389	20	**29%**	40%
4532	Drafting Lab	Good-Fair	A/V level 1 + 6 comps	Tables & Chairs	18	18	815	**45**	60	**85%**	40%	--		85%	0	0		40%
Writing							**4273** total asf		**167** total hrs/wk	**47%**	**40%**		**91%**	**85%**			**40%**	**40%**
4607	Computer Lab	Fair-Poor	A/V Level 2 + 1A + 24 Comps	Computer Workstations	22	24	877	**37**	38	**54%**	40%	22	**99%**	85%	573	26	**37%**	40%
4610	Computer Lab	Fair-Poor	A/V level 1A + 26 Comps	Computer Workstations	26	29	1105	**38**	40	**56%**	40%	21	**80%**	85%	647	31	**44%**	40%
4611	Computer Lab	Fair-Poor	A/V level 1A + Doc Cam + 24 Comp	Computer Workstations	26	24	644	**27**	25	**36%**	40%	23	**88%**	85%	521	23	**32%**	40%
4612	Video Editing Lab	Poor	A/V level 1A + 24 Comps	Computer Workstations	26	24	644	**27**	29	**41%**	40%	22	**84%**	85%	616	28	**40%**	40%
4622	Computer Lab	Fair-Poor	A/V level 1A + 24 Comps	Computer Workstations	22	24	1003	**42**	35	**50%**	40%	23	**103%**	85%	748	33	**47%**	40%
Instruction							**1125** total asf		**0** total hrs/wk	**0%**	**40%**		**#DIV/0!**	**85%**			**0%**	**40%**
4701	Language Lab	Poor	A/V Level 2 + 26 Comps	Computer Workstations	22	26	1125	**43**	0	**0%**	40%	--		85%	0	0	**0%**	40%
Business							**4984** total asf		**290** total hrs/wk	**69%**	**54%**		**105%**	**76%**			**64%**	**54%**
4801	Classroom	Good	A/V Level 4	TACs	45	45	1139	**25**	46	**66%**	68%	37	**82%**	66%	1712	46	**65%**	68%
4802	Classroom	Good	A/V Level 4	TACs W/ Wheels	40	40	912	**23**	55	**78%**	68%	34	**85%**	66%	1854	55	**78%**	68%
4803A	Computer Lab	Good-Fair	A/V Level 2 + 27 Comps	Computer Workstations	15	27	593	**22**	31	**44%**	40%	21	**143%**	85%	580	27	**38%**	40%
4803B	Computer Lab	Good-Fair	A/V Level 2 + 24 Comps	Computer Workstations	15	24	593	**25**	50	**70%**	40%	24	**158%**	85%	919	39	**55%**	40%
4804	Class Lab		A/V Level 2 + 28 Comps	Computer Workstations	32	32	987	**31**	63	**90%**	40%	26	**81%**	85%	1644	63	**90%**	40%
4809	Classroom	Good	A/V Level 4	TACs	40	40	760	**19**	45	**64%**	68%	32	**80%**	66%	1293	40	**57%**	68%
Biology Lab							**2712** total asf		**53** total hrs/wk	**38%**	**40%**		**83%**	**85%**			**32%**	**40%**
4901	Biology Lab	Good	A/V Level 2	Lab Stations	36	36	1356	**38**	24	**34%**	40%	28	**79%**	85%	448	16	**22%**	40%
4903	Biology Lab	Good	A/V Level 2	Lab Stations	36	36	1356	**38**	29	**41%**	40%	31	**87%**	85%	900	29	**41%**	40%

Instructional Space Utilization

Based on Fall 2011 Class Schedule

Room #	Room Name	Condition	A/V	Furniture Type	Seats Scheduled	Seats Provided	ASF	ASF/Seat Provided	Credit & Non-Credit Utilization hrs/wk	Credit & Non-Credit Utilization Percenta%	Credit & Non-Credit Utilization Target	Credit Only Seats Used While Occupied	Credit Only Station Use Rate	Credit Only Station Use Rate Target	Credit Only WSCH	Credit Only Utilization hrs/wk	Credit Only Utilization %	Credit Only Utilization Target
Physical Education							4370 total asf		50 total hrs/wk	70%	40%		0%	0%			57%	40%
5004	Physical Education						2066	#DIV/0!	50	70%	40%	27	–	–	1103	40	57%	40%
5101	Physical Education						2304	#DIV/0!	0		40%	–	–	–	0	0		40%
Horticulture							5802 total asf		124 total hrs/wk	44%	40%		72%	85%			35%	40%
7001	Floral & Construction Lab		A/V level 1	Lab Tables & Chairs	30	44	1501	34	48	68%	40%	27	92%	85%	1151	42	59%	40%
7003	Class Lab		No A/V	Lab Stations	30	22	1413	64	0	0%	40%	–	–	85%	0	0	0%	40%
7051	CAD Drafting	Good	A/V level 1 + 24 Comps	Drafting Tables W/ Chairs	30	37	1458	39	40	57%	40%	25	82%	85%	650	26	37%	40%
7053	Agriculture & Arboculture	Good	A/V level 1	Lab Stations	30	22	1430	65	36	51%	40%	34	113%	85%	1046	31	44%	40%
Child Development							1047 total asf		46 total hrs/wk	65%	68%		72%	66%			61%	68%
8001	Adult Classroom	Good	A/V level 1		50	50	1047	21	46	65%	68%	36	72%	66%	1564	43	61%	68%
Classrooms / Offices							2070 total asf		95 total hrs/wk	68%	68%		53%	66%			64%	68%
306	Classroom	Fair-Poor	A/V level 1	TACs	43	41	867	21	48	68%	68%	26	61%	66%	1257	48	68%	68%
307	Classroom	Fair	A/V level 1	TACs	59	45	1203	27	47	67%	68%	26	44%	66%	1086	42	60%	68%
Classrooms / Offices							608 total asf		52 total hrs/wk	73%	68%		85%	66%			73%	68%
313	Classroom	Fair	A/V level 1	TACs	30	30	608	20	52	73%	68%	25	85%	66%	1308	52	73%	68%
Classrooms							1679 total asf		98 total hrs/wk	70%	68%		78%	66%			59%	68%
401	Classroom	Fair	A/V level 1	Flexible Tables & Chairs	32	35	785	22	36	51%	68%	23	70%	66%	557	25	35%	68%
402	Classroom	Fair	A/V level 1	27 Desks & 12 TACs	35	39	894	23	62	88%	68%	30	85%	66%	1717	58	82%	68%
Classrooms / Offices							1096 total asf		41 total hrs/wk	59%	68%		88%	66%			56%	68%
413	Classroom	Fair	A/V level 1	TACs	42	40	1096	27	41	59%	68%	37	88%	66%	1467	40	56%	68%
Classrooms							1236 total asf		41 total hrs/wk	58%	68%		#DIV/0!	66%			44%	68%
430	Classroom	Fair	A/V Level 2	Flexible Tables & Chairs	48	40	1236	31	41	58%	68%	29		66%	894	31	44%	68%

Space Assessments
San Elijo Campus

Instructional Space Utilization
Based on Fall 2011 Class Schedule

Room #	Room Name	Condition	A/V	Furniture Type	Seats Scheduled	Seats Provided	ASF	ASF/Seat Provided	Credit & Non Credit Utilization hrs/wk	Credit & Non Credit Utilization %	Credit & Non Credit Utilization Target	Seats Used While Occupied	Station Use Rate	Statio Use Rate Target	Credit Only WSCH	Credit Only Utilization hrs/wk	Credit Only Utilization %	Credit Only Utilization Target
Library							**3,012** total asf		**22** total hrs/wk	**8%**	**40%**		**38%**	**85%**		**13** total hrs/wk	**9%**	**40%**
106	Open Lab		27 Computer Workstations	Computer Workstations	0	27	865		0	0%	40%		**0%**	85%	0	0		40%
107	Class Lab	Good	A/V level 1 + Instuct. Comp + 24 Comps	Computer Workstations	25	24	676	28	4	**6%**	40%		**0%**	85%	0	0		40%
108	Class Lab	Good	A/V level 1 + Instuct. Comp + 24 Comps	Computer Workstations	25	24	711	30	5	**8%**	40%	8	**33%**	85%	8	1	**1%**	40%
112	Class Lab	Good	Interactive Projector + Instruct. Comp	Computer Workstations	25	24	760	32	13	**19%**	40%	28	**117%**	85%	325	12	**16%**	40%
Fine Arts / Music							**4,277** total asf		**93** total hrs/wk	**27%**	**54%**		**91%**	**79%**		**77** total hrs/wk	**22%**	**54%**
201	Classroom	Fair-Good	A/V level 1	Stackable TACs	60	60	1050	18	17	**25%**	68%	35	**58%**	66%	437	13	**18%**	68%
202	Classroom	Good	A/V Level 3 w/ 2 projectors & screens	Sled Desks	35	27	535	20	8	**12%**	68%	22	**81%**	66%	140	6	**9%**	68%
203	Classroom	Good	A/V Level 3	Sled Desks	20	30	538	18	23	**33%**	68%	25	**83%**	85%	582	23	**33%**	68%
204	Dance/Yoga Studio	Good	A/V level 1A								40%			85%				40%
205	Painting Lab				18	18	1112		45	**64%**	40%	25	**139%**	85%	898	35	**50%**	40%
206	Drawing Lab	Fair-Good	A/V level 1		18	32	1042	33	0	**0%**	40%	–		85%	0	0	**0%**	40%
	Ceramics Studio																	
Business							**6,261** total asf		**263** total hrs/wk	**47%**	**68%**		**80%**	**66%**		**245** total hrs/wk	**43%**	**68%**
302	Classroom	Fair-Good	A/V level 1	Flexible Tables & Chairs	40	41	771	19	32	**46%**	68%	35	**85%**	66%	1015	29	**41%**	68%
303	Classroom	Fair-Good	A/V level 1B	Flexible Tables & Chairs	30	41	875	21	37	**52%**	68%	32	**78%**	66%	589	18	**26%**	68%
304	Classroom	Fair-Good	A/V level 1B	TACs	35	35	820	23	26	**36%**	68%	31	**89%**	66%	1072	35	**49%**	68%
305	Classroom	Fair-Good	A/V level 1B	TACs	30	36	710	20	40	**57%**	68%	33	**92%**	66%	1327	40	**57%**	68%
306	Classroom	Fair-Good	A/V level 1B	TACs	30	36	730	20	30	**42%**	68%	30	**83%**	66%	520	17	**25%**	68%
307	Classroom	Good	A/V level 1B	TACs	45	46	910	20	22	**31%**	68%	33	**72%**	66%	1151	35	**49%**	68%
308	Classroom	Fair-Good	A/V level 1	TACs	36	34	724	21	35	**50%**	68%	24	**71%**	66%	723	30	**42%**	68%
309	Classroom	Good	A/V Level 3	Sled Desks	24	40	721	18	41	**58%**	68%	28	**70%**	66%	1156	41	**58%**	68%
Biology / Life Science							**3,395** total asf		**137** total hrs/wk	**48%**	**54%**		**86%**	**76%**		**120** total hrs/wk	**43%**	**54%**
401	Classroom	Fair-Good	A/V level 1	TACs	35	40	800	20	31	**43%**	68%	30	**75%**	66%	907	31	**43%**	68%
402	Class Lab	Fair-Good	A/V Level 2	Lab Tables	22	30	1105	37	52	**73%**	40%	30	**100%**	85%	1549	52	**73%**	40%
406	Class Lab	Fair-Good	A/V Level 2	Tables & Chairs	20	39	910	23	32	**45%**	40%	30	**77%**	85%	603	20	**29%**	40%
407	Classroom	Fair-Good	A/V level 1	TACs	35	35	580	17	22	**32%**	68%	32	**91%**	66%	563	17	**25%**	68%

Instructional Space Utilization

Based on Fall 2011 Class Schedule

Room #	Room Name	Condition	A/V	Type	Seats Scheduled	Seats Provided	ASF	ASF/Seat Provided	Utilization hrs/wk	Utilization %	Utilization Target	Seats Used While Occupied	Station Use Rate	Statio Use Rate Target	WSCH	Utilization hrs/wk	Utilization %	Utilization Target
Math							3,134 total asf		91 total hrs/wk	32%	68%		79%	66%		91 total hrs/wk	32%	68%
601	Classroom	Good	A/V level 1B	TACs	45	48	890	19	26	**37%**	68%	34	**71%**	66%	888	26	**37%**	68%
606	Classroom	Good	A/V level 1B	TACs	45	44	842	19	17	**24%**	68%	33	**75%**	66%	565	17	**24%**	68%
607	Classroom	Good	A/V level 1B	TACs	35	26	512	20	23	**33%**	68%	22	**85%**	66%	516	23	**33%**	68%
609	Classroom	Good	A/V level 1B	TACs	45	39	890	23	25	**35%**	68%	33	**85%**	66%	824	25	**35%**	68%
Chemistry							3,054 total asf		53 total hrs/wk	38%	40%		100%	85%		52 total hrs/wk	37%	40%
1001	Class Lab	Good	A/V Level 2	Lab Tables	30	30	1499	50	30	**43%**	40%	29	**97%**	85%	876	30	**42%**	40%
1002	Class Lab	Good	A/V Level 2	Lab Tables	32	30	1555	52	23	**32%**	40%	31	**103%**	85%	682	22	**31%**	40%

A/V level 1 Ceiling-mounted projector w/ screen. A/V cabinet rack at front of room
A/V level 1A A/V Level 1 w/ wall-mounted cabinet rack
A/V level 1B A/V Level 1 + document camera at cart
A/V Level 2 Ceiling-mounted projector w/ screen. A/V at instructor's station at front of room
A/V Level 3 A/V Level 2 + Document Camera at instructor's station
A/V Level 4 Renovated
A/V Level 5 Renovated active learning w/ screens at perimeter
A/V Level 6 Renovated tables w/ recessed opperable computers

Space Assessments
CLC Campus

Instructional Space Utilization
Based on Fall 2011 Class Schedule

Room #	Room Name	Condition	A/V	Furniture Type	Seats Scheduled	Seats Provided	ASF	ASF/Seat Provided	Credit & Non-Credit: Seats Used While Occupied	Station Use Rate	Station Use Rate Target	WSCH	Utilization hrs/wk	Utilization %	Utilization Target
Building A							**13,148 total asf**			**66%**	**67%**		**484 total hrs/wk**	**34%**	**68%**
101	Classroom	Good	A/V level 1	TACs	40	41	749	18	25	63%	66%	675	27	38%	68%
102	Classroom	Good	A/V level 1	TACs	35	35	707	20	24	67%	66%	996	42	60%	68%
103	Classroom	Good	A/V level 1	TACs	32	36	707	20	24	74%	66%	498	21	30%	68%
104	Classroom	Good	A/V level 1	TACs	38	35	728	21	30	80%	66%	830	27	39%	68%
105	Classroom	Good	A/V level 1	TACs	38	35	713	20	33	86%	66%	925	28	40%	68%
106	Classroom	Good	A/V level 1	TACs	38	35	730	21	26	68%	66%	820	32	45%	68%
107	Classroom	Good	A/V level 1	TACs	38	35	710	20	21	57%	66%	683	32	45%	68%
108	Classroom	Good	A/V level 1	TACs	36	34	650	19	25	68%	66%	370	15	21%	68%
110	Classroom	Good	A/V level 1	TACs	42	35	761	22	29	68%	66%	651	23	32%	68%
111	Classroom	Good	A/V level 1	TACs	30	30	693	23	23	78%	66%	691	29	42%	68%
112	Classroom	Good	A/V level 1	TACs	30	35	634	18	20	68%	66%	339	17	24%	68%
113	Classroom	Good	A/V level 1	TACs	38	35	637	18	11	29%	66%	219	20	29%	68%
114	Classroom	Good	A/V level 1	TACs	32	32	628	20	20	61%	66%	555	28	40%	68%
115	Classroom	Good	A/V level 1	TACs	35	35	629	18	25	71%	66%	742	30	42%	68%
116	Ceramics Lab	Fair-Good	Mobile Projector	Flexible Tables & Chairs	30	24	700	29	23	78%	85%	352	15	21%	68%
117	Classroom	Good	A/V level 1	TACs	30	34	641	19	11	38%	66%	159	14	20%	68%
118	Classroom	Good	A/V level 1	TACs	24	26	489	19	--		66%	0	1	1%	68%
119	Classroom	Good	A/V level 1	TACs	36	33	601	18	23	65%	66%	617	26	37%	68%
120	Classroom	Good	A/V level 1	TACs	25	35	488	14	23	90%	66%	858	38	54%	68%
121	Classroom	Good	A/V level 1	TACs	36	35	553	16	17	48%	66%	328	19	27%	68%
Building B							**5,125 total asf**			**45%**	**85%**		**175 total hrs/wk**	**49%**	**40%**
130	Computer Lab	Good	36 Computer Workstations	Computer workstations	38	49	1400	29	--		85%	0	46	64%	40%
131	Computer Lab	Good	A/V level 1A + 36 computers	Computer workstations	27	29	722	25	2	6%	85%	78	52	74%	40%
132	Computer Lab Classroom	Good	10 Computer Workstations	Computer workstations	14	20	600	30	--		85%	0	0		40%
133	Computer Lab	Good	A/V level 1A + 24 computers	Computer workstations	25	24	600	25	13	50%	85%	347	28	39%	40%
134	Lab	Good	A/V level 1	TACs & Lab Stations	25	42	1081	26	29	114%	85%	216	8	11%	40%
135	Computer Lab	Good	A/V level 1A + 29 computers	Computer workstations	27	29	722	25	2	8%	85%	83	41	58%	40%

Instructional Space Utilization

Based on Fall 2011 Class Schedule

Room #	Room Name		Condition	A/V	Furniture				ASF	ASF/Seat Provided		Credit & Non-Credit						
					Type	Seats Scheduled	Seats Provided					Seats Used While Occupied	Station Use Rate	Station Use Rate Target	WSCH	Utilization hrs/wk	Utilization %	Utilization Target
Building C									1,614 total asf					66%		0 total hrs/wk		68%
136	Classroom		Fair-Poor	A/V level 1	TACs	30	30		807	27				66%				68%
137	Classroom		Fair-Poor	A/V level 1	TACs	30	30		807	27				66%				68%

A/V level 1 Ceiling-mounted projector w/ screen. A/V cabinet rack at front of room
A/V level 1A A/V Level 1 w/ wall-mounted cabinet rack
A/V level 1B A/V Level 1 + document camera at cart
A/V Level 2 Ceiling-mounted projector w/ screen. A/V at instructor's station at front of room
A/V Level 3 A/V Level 2 + Document Camera at instructor's station
A/V Level 4 Renovated
A/V Level 5 Renovated active learning w/ screens at perimeter
A/V Level 6 Renovated tables w/ recessed opperable computers

Space Assessments
State Standards

State Standards

To determine space capacity requirements for a college, the enrollment and program forecasts are applied to a set of standards for each type of space. Title 5 of the California Administrative Code prescribes standards for the utilization and planning of educational spaces on public community college campuses. These standards, when applied to the total number of students, or weekly student contact hours (WSCH), produce total capacity requirements that are expressed in assignable square feet (space available for assignment to occupants). Each component of these standards is applied with an appropriate form of enrollment to produce a total assignable square feet (ASF) capacity requirement for each category of space. The sum of these categories represents the total building requirements for the college.

The following is a breakdown of current space provided at each campus base on state standards:

Oceanside

Lecture: Deficit of 7,270 ASF

Laboratory: Deficit of 32,700 ASF

Library: Deficit of 22,240 ASF

Instructional Media: Deficit of 12,470 ASF

San Elijo

Office: Deficit of 3,380 ASF

Library: Deficit of 4,090 ASF

Instructional Media: Deficit of 2,900 ASF

Community Learning Center

Office: Deficit of 1,630 ASF

Library

Instructional Media

Appendix

Classroom & Office Space Standards

Classroom Standards
Existing Condition

Oceanside

Classrooms with Tablet Arm Chairs

Range from **17 to 30** square feet per student

Average **21** square feet per student

Classrooms with Tables & Chairs

Range from **18 to 31** square feet per student

Average **23** square feet per student

San Elijo

Classrooms with Tablet Arm Chairs

Range from **14 to 23** square feet per student

Average **18** square feet per student

Classrooms with Tables & Chairs

Range from **16 to 18** square feet per student

Average **17** square feet per student

CLC

Classrooms with Tablet Arm Chairs

Range from **15 to 26** square feet per student

Average **20** square feet per student

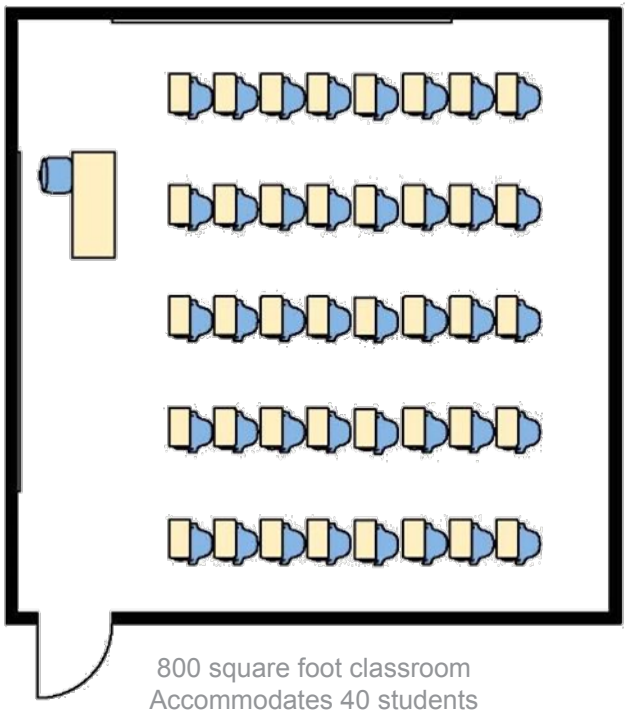
Classroom Standards

Classroom Recommendations

Classrooms with Tablet Arm Chairs

20 square feet per student
(*State standard is 15 sf per student)*

Size accommodates tablet arm chairs in various configurations for both traditional lecture and active learning as well as accessibility and modern AV requirements.

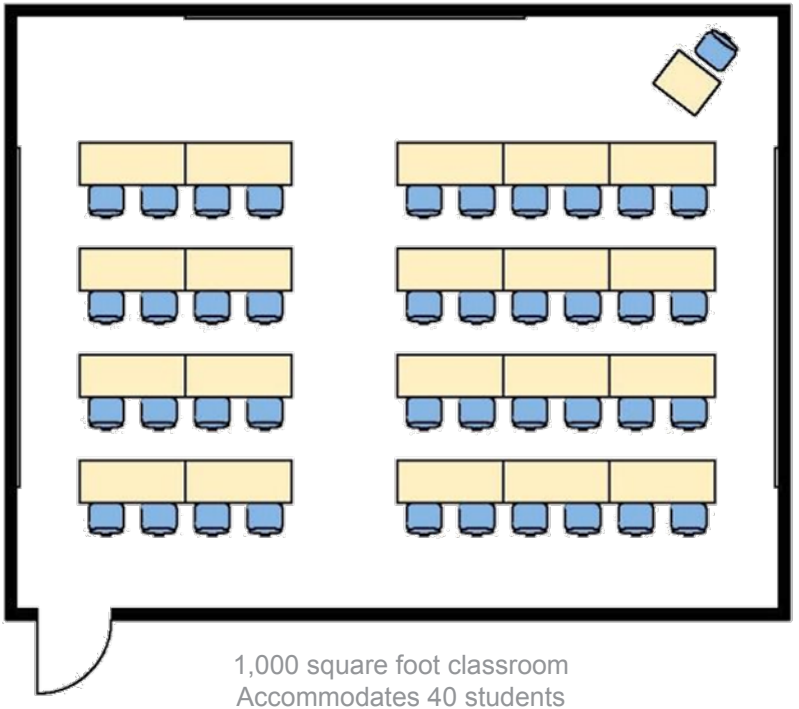


800 square foot classroom
Accommodates 40 students

Classrooms with Tables & Chairs

25 square feet per student
(*State standard is 15 sf per student)*

Size accommodates mobile tables and chairs in various configurations for both traditional lecture and active learning as well as accessibility and modern AV requirements.



1,000 square foot classroom
Accommodates 40 students

Computer Lab Standards
Existing Conditions

Oceanside

Range from **22 to 42** square feet per student

Average **32** square feet per student

San Elijo

Range from **28 to 36** square feet per student

Average **32** square feet per student

CLC

Range from **25 to 30** square feet per student

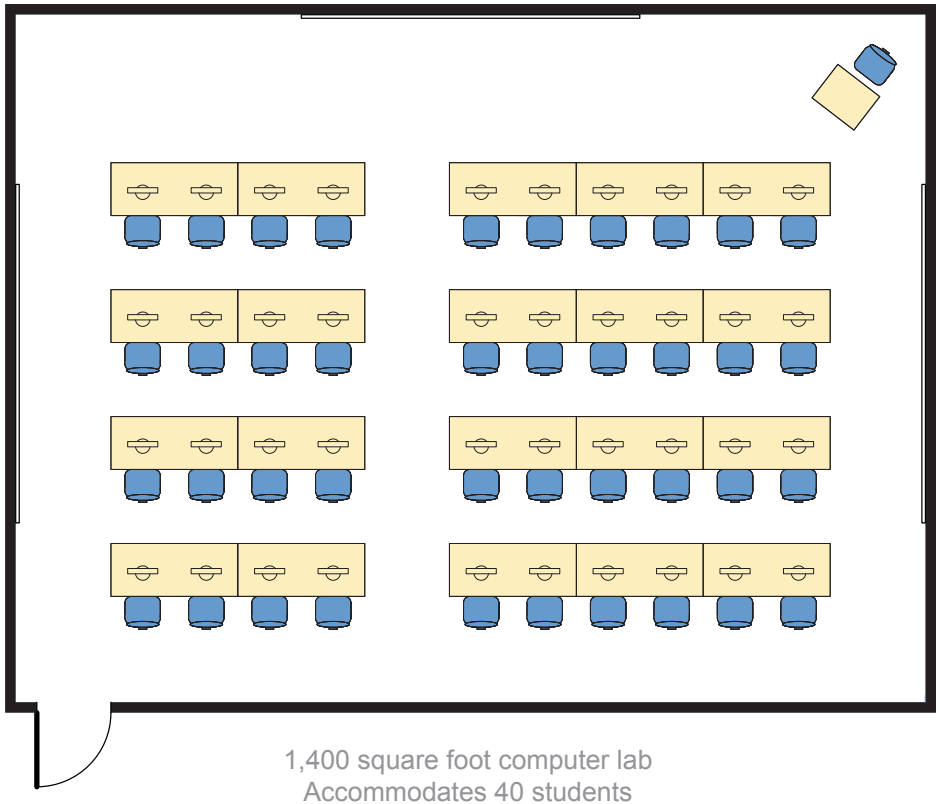
Average **27** square feet per student

Computer Lab Standards

Recommendations

35 square feet per student
(State does not have a specific standard for computer labs)

Size accommodates modern AV requirements, integrated cable/hardware systems, and student work area at both computers and desks.



1,400 square foot computer lab
Accommodates 40 students

Office Standards

Existing Conditions

(Data taken form Oceanside campus)

Faculty Offices

Average **81** square feet per faculty

Single Offices

Range from **70 to 148** square feet

Average **105** square feet per faculty

Shared Offices

Range from **41 to 132** square feet per occupant.

Average **68** square feet per faculty

Staff Offices

Average **104** square feet per staff

Single Offices

Range from **62 to 237** square feet

Average **109** square feet per staff

Shared Offices

Range from **50 to 105** square feet per occupant.

Average **69** square feet per faculty

Dean / Director Office

Average **159** square feet

Vice President's Office

Average **194** square feet

President's Office

Average **285** square feet

Workstations

Range from **25 to 96** square feet

Average **45** square feet per workstation

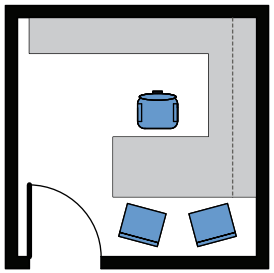
Office Standards
Recommendations

Single Office

Faculty & Staff Offices

100 square feet

Size accommodates multiple office configurations.



Dean / Director Office

160 square feet

Vice President's Office

200 square feet

President's Office

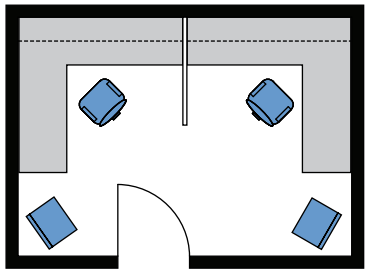
285 square feet

Shared Office

Faculty Offices

140 square feet (70 sf per faculty)

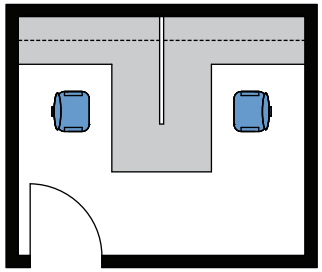
Size accommodates multiple office configurations.



Staff Offices

120 square feet (60 sf per faculty)

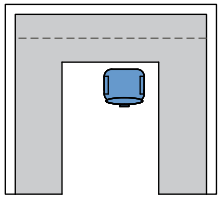
Size accommodates multiple office configurations.



Workstation

60 square feet

Size accommodates multiple work surface, storage, and seating configurations.



Meeting Room Standards
Recommendations

Conference Rooms

Small (8 occupants)

200 square feet
(24 square feet per occupant)

Medium (12 occupants)

300 square feet
(25 square feet per occupant)

Large (16 occupants)

400 square feet
(25 square feet per occupant)

X-**Large (24 occupants)**

600 square feet
(25 square feet per occupant)

Small Meeting Rooms

Small Meeting Room (4 occupants)

90 square feet
(22 square feet per occupant)

Appendix

10.0 | Security Summary

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Security Master Plan
Executive Summary

Introduction

In conjunction with the Facilities Master Plan, a Security Master Plan has been developed for the three owned MiraCosta sites: Oceanside campus, San Elijo Campus and the Community Learning Center. The Security Master Plan address three main areas:

1. Campus Environment, including location, parking, pathways, and pedestrian circulation;
2. Emergency preparedness, including effective policies and procedures; and
3. Supporting electronic security systems including emergency phones, intrusion detection systems, and emergency notification systems.

Summary of Assessments

- MiraCosta campuses report a relatively low number of crimes on all campuses with most arrests being related to drugs and alcohol. By contrast, surrounding neighborhoods report higher crimes rates than the campuses, especially surrounding the CLC.
- All three campuses have a College Police presence, with the Oceanside campus acting as the headquarters for the department.
- A variety of electronic systems and measures are currently used across the campuses. Operationally, the Campus Police and Facilities would prefer a single, centralized system to streamline use and maintenance.

Summary of Recommendations

- The Security Master Plan recommends the development and installation of a CCTV system to observer main pathways on campus, building entrances and sensitive "at-risk" areas. The installation of these cameras must be balanced against privacy expectations and intrusions.
- Create an Emergency Operations Center (EOC) at the Oceanside Police building which acts as the central monitoring for all campuses. (The new Campus Police building included in the Facilities Master Plan has been sized to include an EOC.) This will allow Police to better monitor and respond to emergency situations.
- Continue installation of classroom "lockdown" systems and functionality in classroom modernization, renovation, and new projects; integrate lockdown systems with central monitoring and EOC at Campus Police Building.

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Appendix

11.0 | Survey Analysis

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Survey Overview

From October 15th to November 5th, a district-wide survey was available to students, faculty, staff, and community members of MiraCosta College to provided input for the "Facilities Master Plan Update". The survey was distributed electronically by email notification. During the duration of the response period 759 responses were received. The following report compiles and analyzes these results.

Survey Analysis

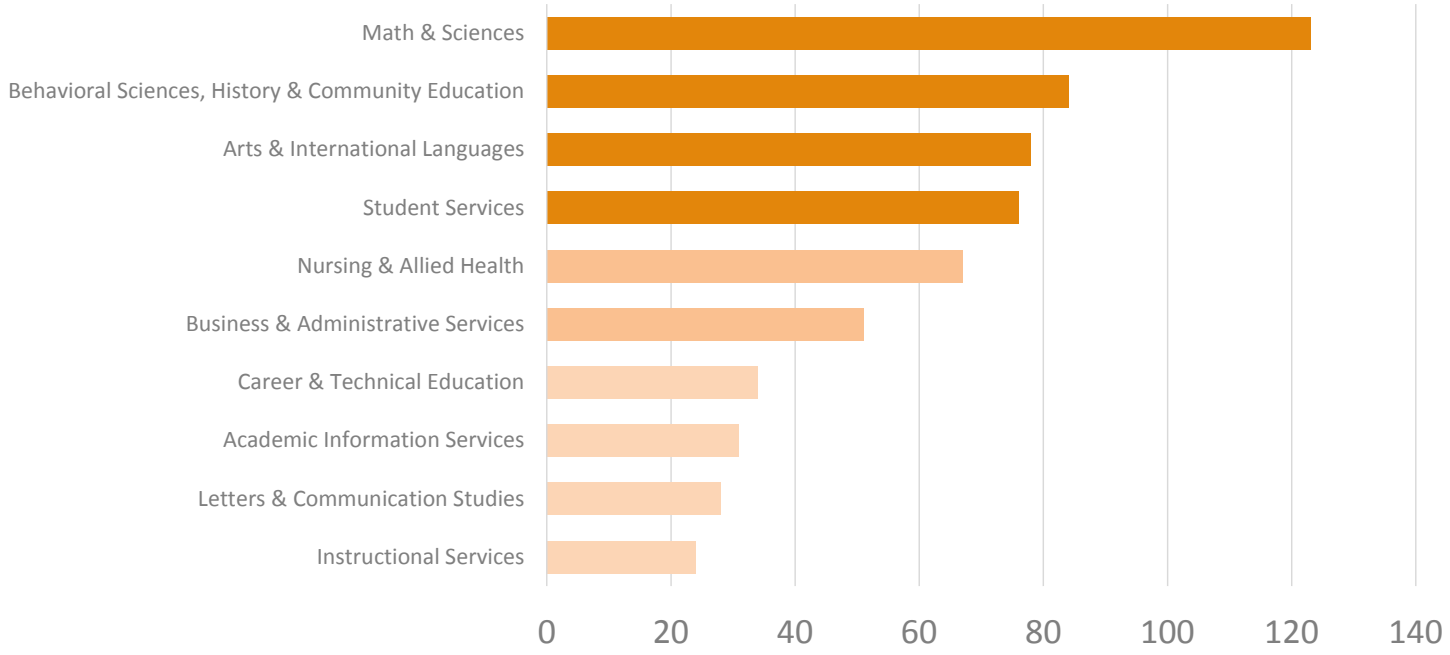
759 total responses

474 students

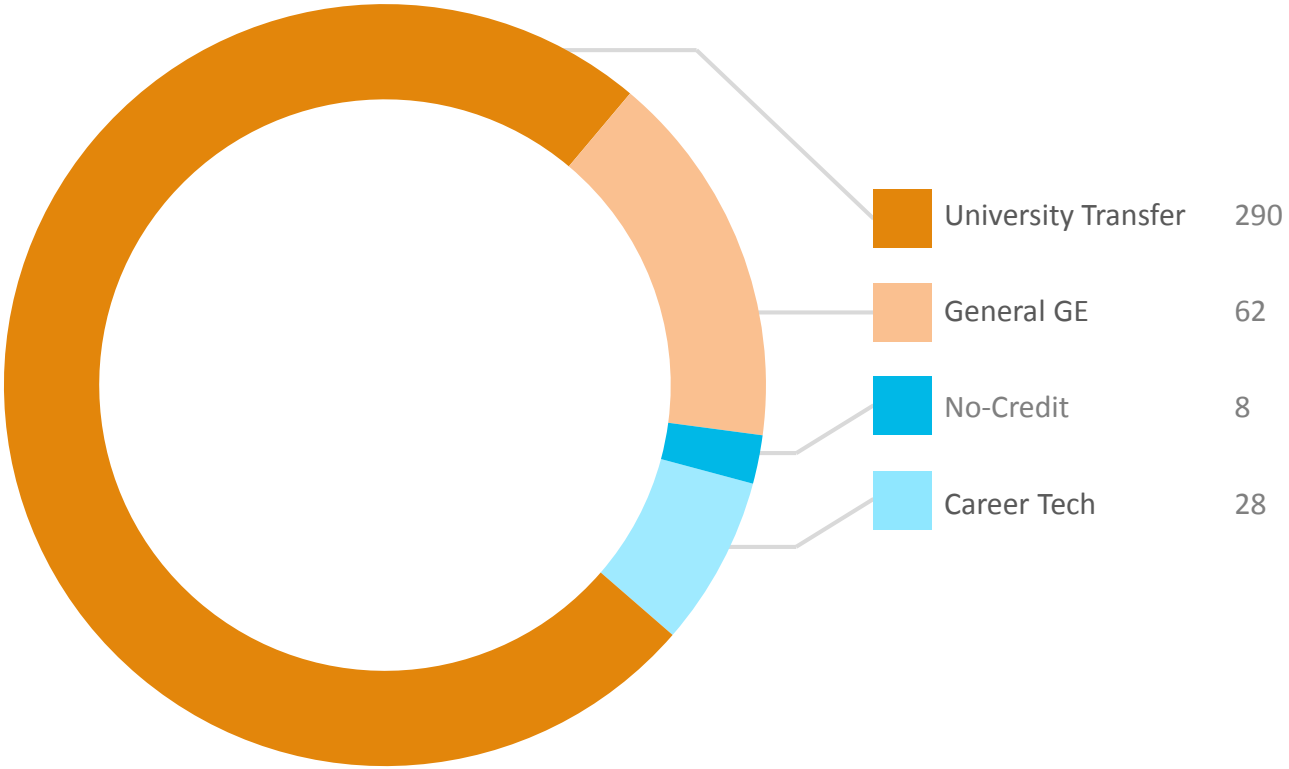
284 faculty & staff

1 community member

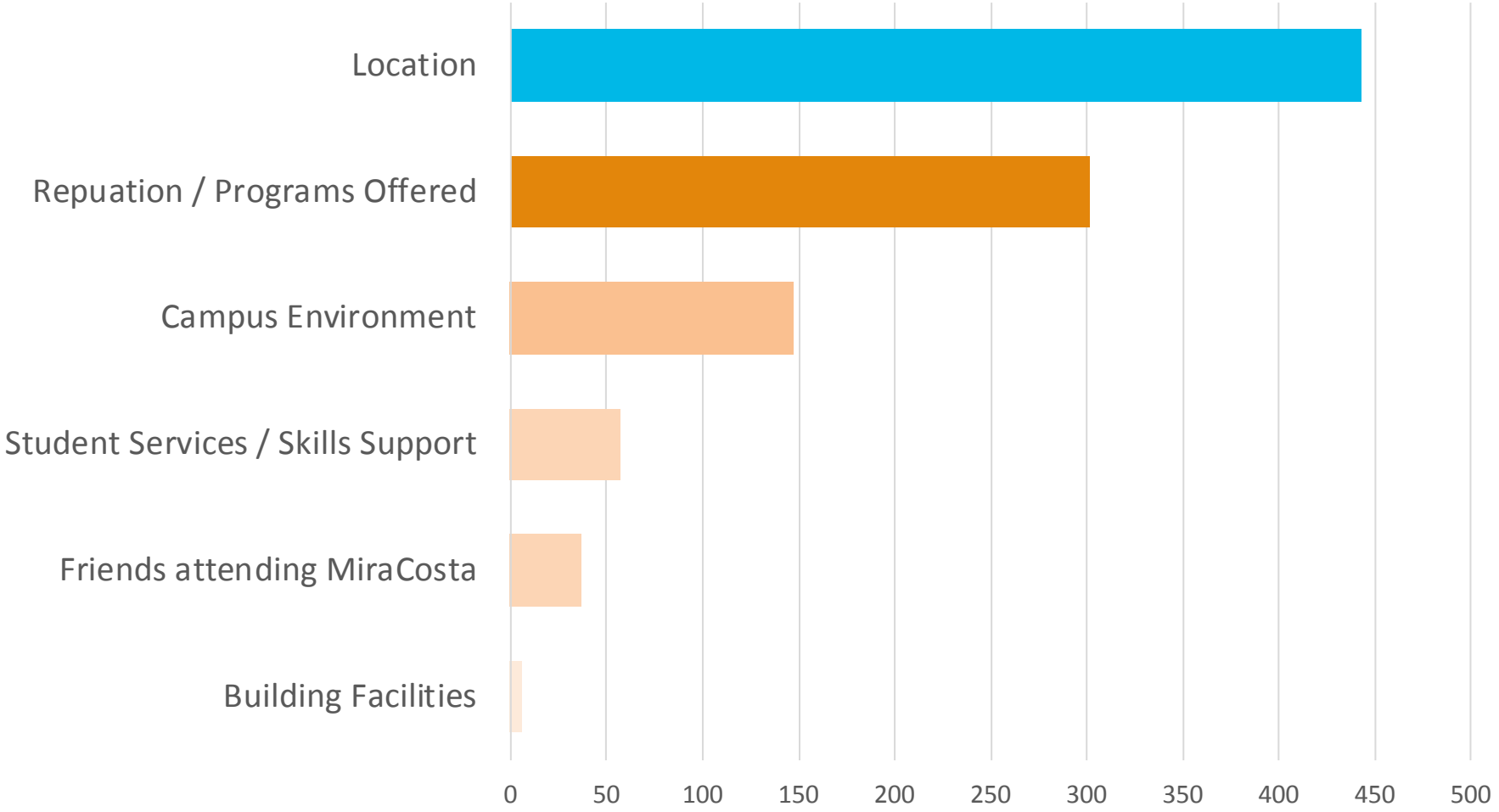
Respondents identified as most closely affiliated with:



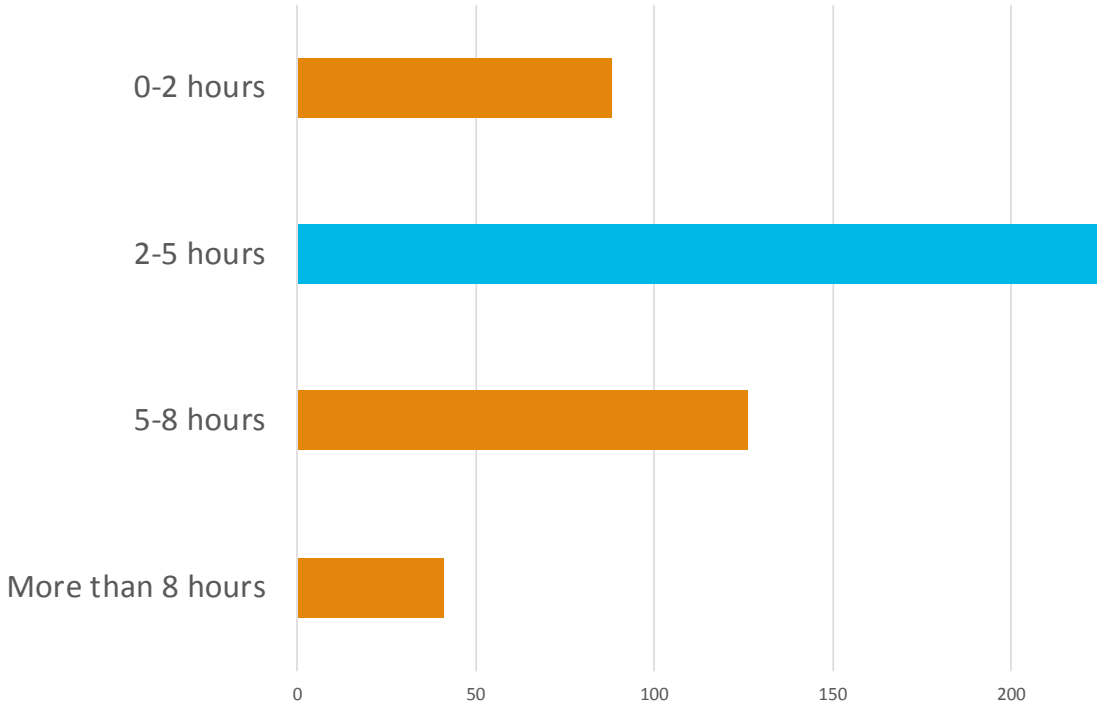
Types of students:



Why did you choose MiraCosta College?



On a typical day how many hours do you spend on campus? (student results)

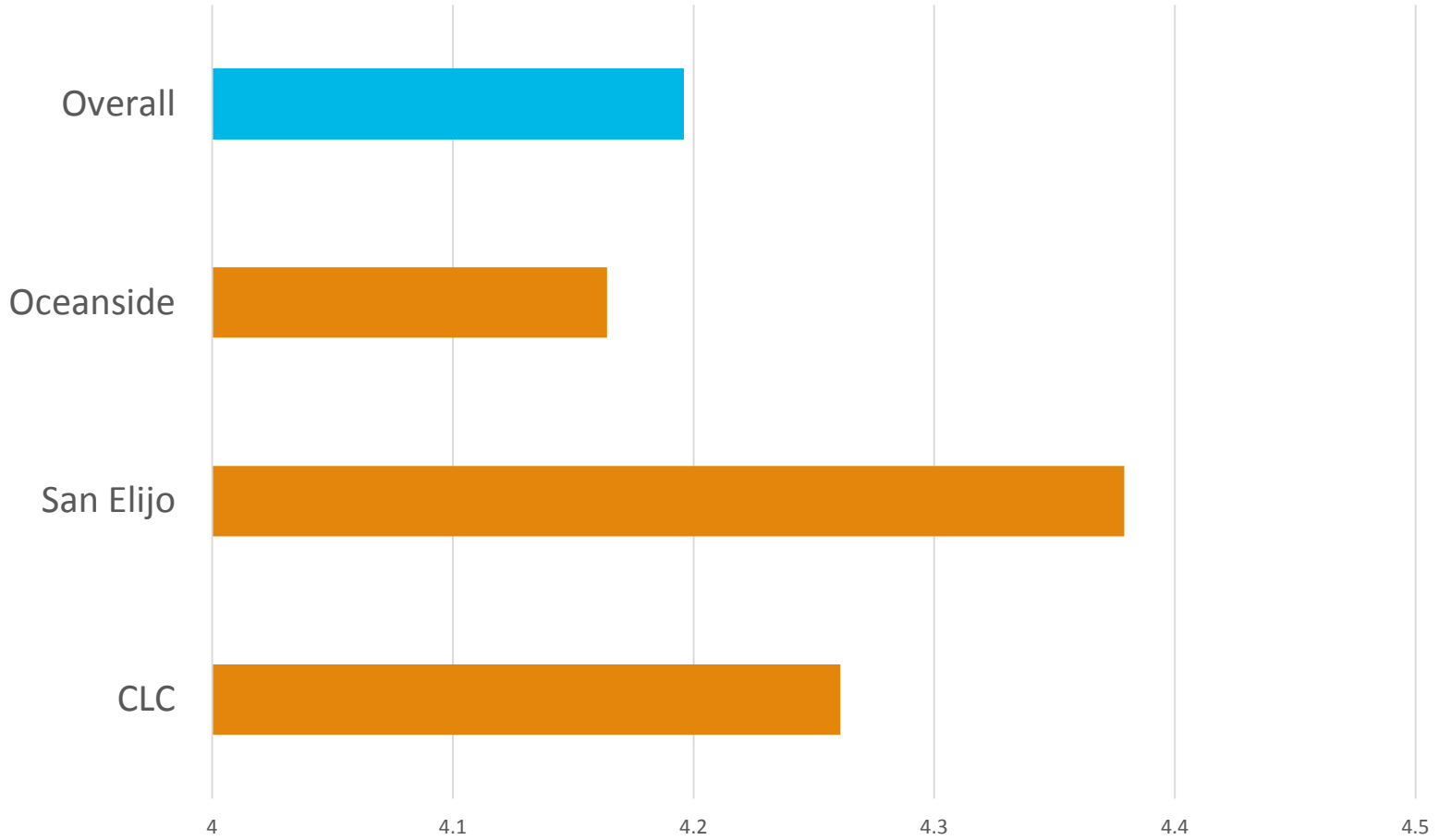


The average student spends

4.3 hours

per day on campus

Rate of overall quality of campus:



Most important amenities: (top results)

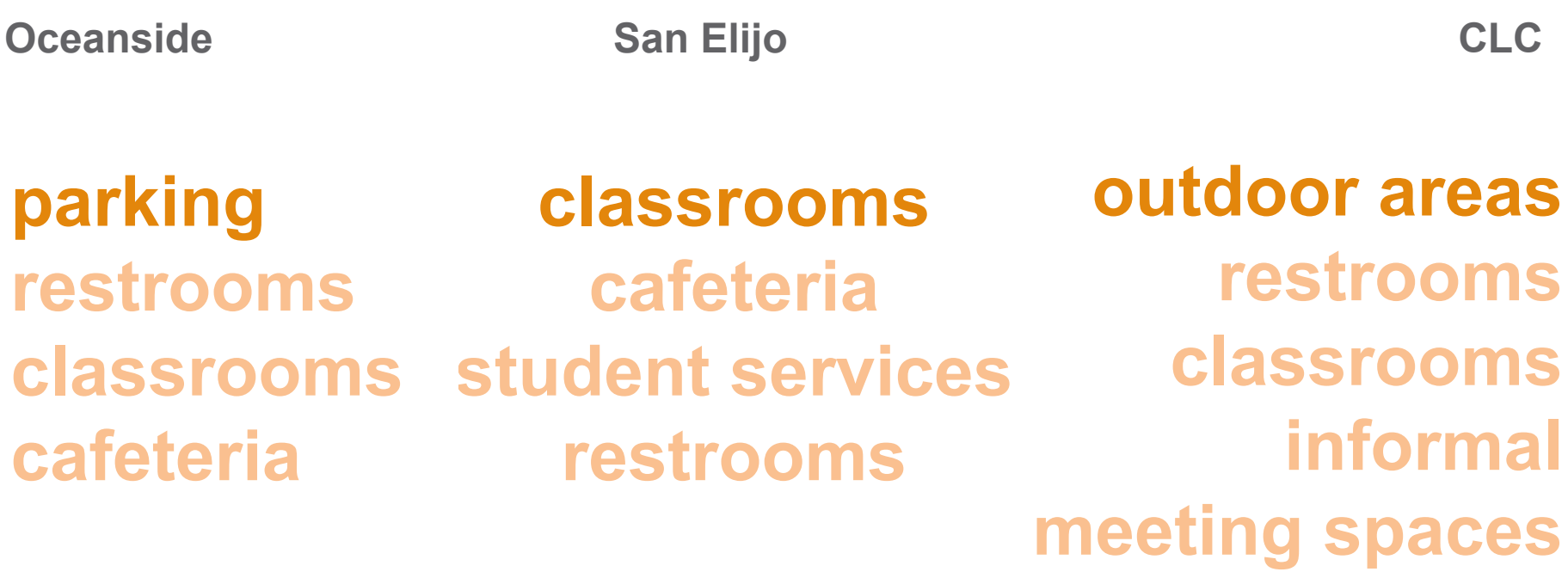
classrooms

library

parking

student services

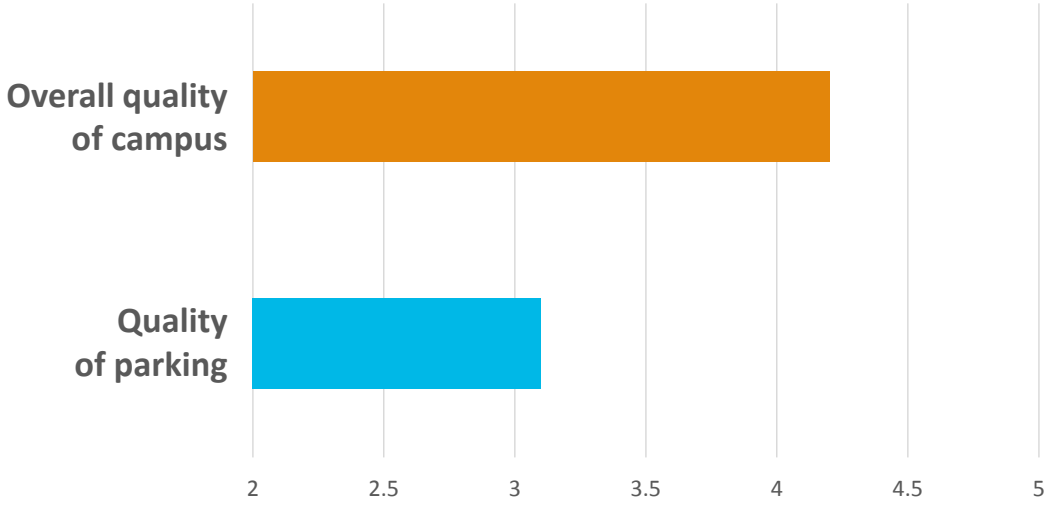
Which spaces would you like to see most improved: (Top results)



Most important amenities:(top results)

Describe the MiraCosta of the future: (top results)

Which spaces would you like to see most improved: (Top results)



parking

restrooms

classrooms

cafeteria

Which spaces would you like to see most improved: (Top results)

64%

of respondents selected parking as one of the top three amenities they would like improved.

parking
restrooms
classrooms
cafeteria

Where do you study best: (top results)

calm
quiet
private
secluded

(lowest results)

loud
formal
active
public

Where do you study best: (top results)

calm

quiet

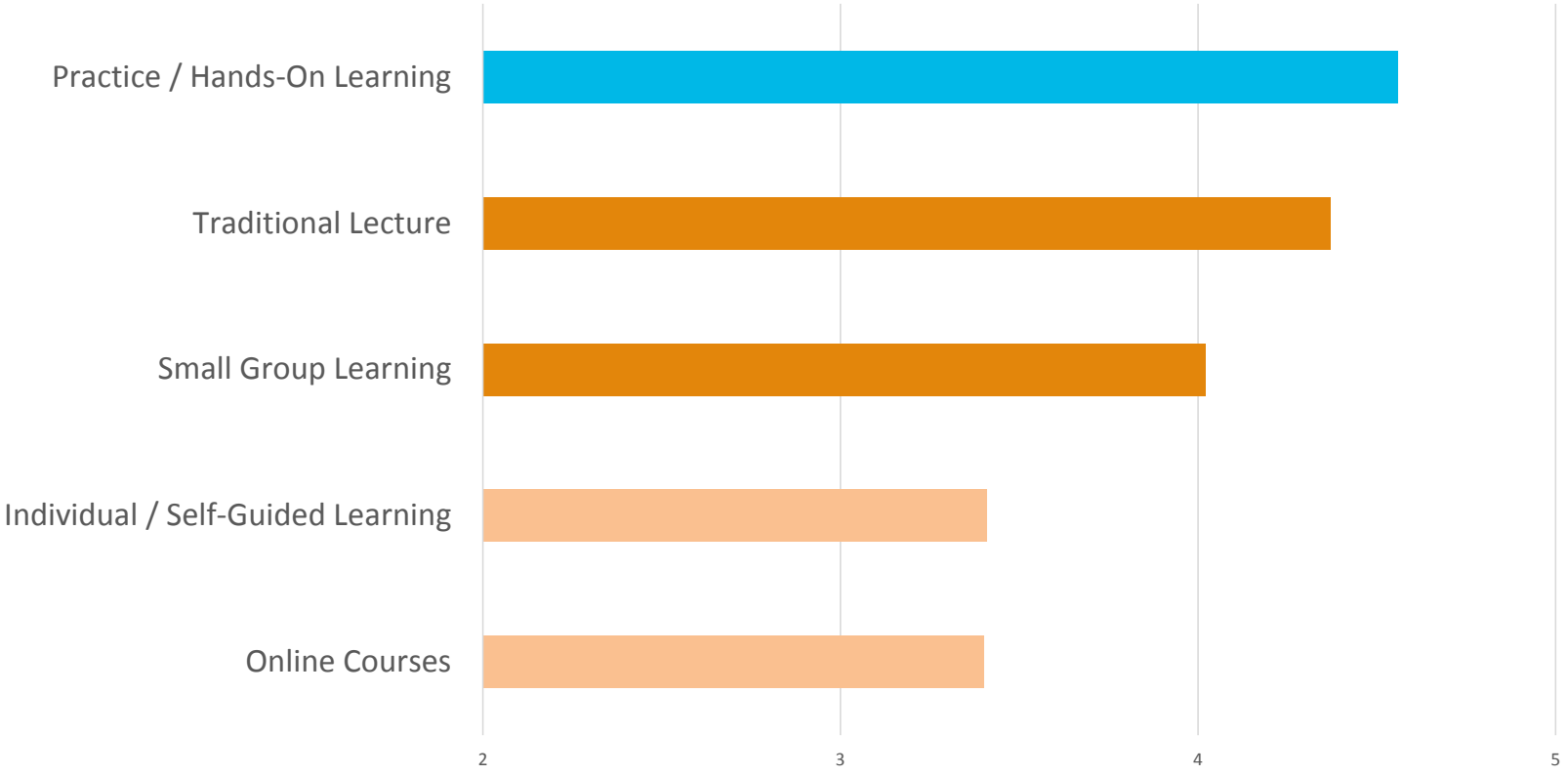
private

secluded

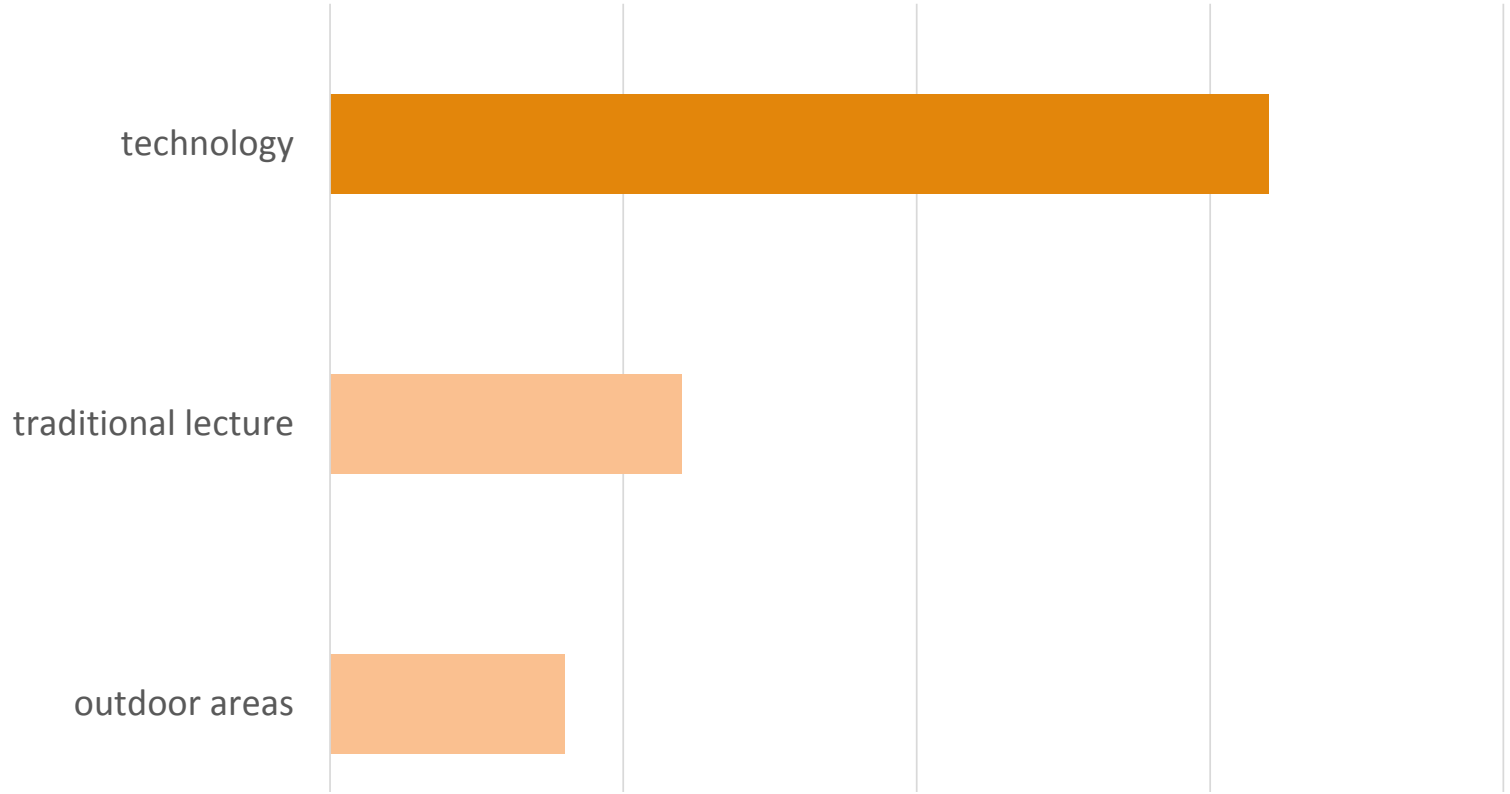
1/3 of respondents feel that the campus does not provide adequate study areas.

43% of respondents rated small group learning as their most effective way of learning.

How effective are the following methods for your teaching and/or learning?



How important are the following items to the campus of the future?



Favorite places on campus:
Oceanside Campus

Favorite places on campus:
San Elijo Campus

Favorite places on campus:
Community Learning Center

Survey
Data

Getting To Know You

Question 1

What is your association with MiraCosta?

Answer Options	Percent	Count
Student	60%	476
Full-time Faculty	9.8%	78
Part-time Faculty	9.2%	73
Classified Staff	15.1%	120
Administrator	1.8%	15
Community Member	0.1%	1
Other	3.7%	30
Total		**793**

Question 2

With which program/department are you most closely affiliated?

	all		students		faculty / staff	
Answer Options	Percent	Count	Percent	Count	Percent	Count
Academic Information Services	3.9%	31	14.5%	69	11.7%	36
Arts & International Languages	10.1%	79	0.4%	2	6.8%	21
Behavioral Sciences, History & Community Education	10.7%	84	10.9%	52	9.1%	28
Business & Administrative Services	13.3%	104	13.7%	65	5.5%	17
Career & Technical Education	4.4%	35	2.7%	13	5.2%	16
Instructional Services	3%	24	18.3%	87	13%	40
Letters & Communication Studies	3.5%	28	1%	5	8.1%	25
Math & Sciences	15.8%	124	1.8%	9	8.8%	27
Nursing & Allied Health	8.7%	68	12.2%	58	3.9%	12
Student Services	9.7%	76	5.6%	27	16%	49
Other	16.3%	128	18.3%	87	11.4%	35
Total		**781**		**474**		**306**

Question 3

If you are a student, which type of student are you? (select one)

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
University Transfer Student	59.6%	281	59%	231	64.2%	45	41.6%	5
Career Tech	5.5%	26	6.1%	24	1.4%	1	8.3%	1
Not Applicable	7.8%	37	7.4%	29	8.5%	6	8.3%	1
General GE	12.1%	57	13.5%	53	7.1%	5	16.6%	2
No-Credit	1.4%	7	1.5%	6	1.4%	1	0%	0
Other	13.3%	63	12.2%	48	17.1%	12	25%	3
Total		**471**		**391**		**70**		**12**

Question 4

Are you a current or former member of the armed forces?

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
Yes	9.7%	72	10.5%	64	6.6%	7	13.8%	5
No	90.2%	669	89.4%	545	93.3%	98	86.1%	31
Total		**741**		**609**		**105**		**36**

Question 5

On average how many days per week are you on campus?

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
0 Days	6%	47	4.6%	30	5.8%	6	3%	1
1-2 Days	28%	217	29.2%	187	26.2%	27	18.1%	6
3-5 Days	61.8%	479	61.6%	394	64%	66	69.6%	23
More than 5 days	4%	31	4.3%	28	3.8%	4	9%	3
Total		**774**		**639**		**103**		**33**

Question 6

On a typical day, how many hours do you spend on campus?

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
0-2 hours	13.7%	106	12.1%	77	13.7%	14	3%	1
2-5 hours	37.1%	287	36.4%	232	44.1%	45	18.1%	6
5-8 hours	32.5%	251	33.8%	215	27.4%	28	69.6%	23
More than 8 hours	16.5%	128	17.6%	112	14.7%	15	9%	3
Total		**772**		**636**		**102**		**33**

Question 7

How do you travel on campus?(select primary mode)

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
Drive	90.9%	696	90.4%	571	97%	100	90.6%	29
Walk/Ride Bike	1.5%%	12	1.5%	10	1.9%	2	6.2%	2
Public Transportation	5.3%	41	6.1%	39	0.9%	1	3.1%	1
Other	2%	16	1.7%	11	0%	0	0%	0
Total		**765**		**631**		**103**		**32**

Question 8

Why did you choose MiraCosta College?(select top two reasons)

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
Location	39.1%	445	39.2%	364	41.9%	65	26.6%	8
Campus Environment	13%	148	12%	112	19.3%	30	13.3%	4
Reputation/ Programs	26.5%	302	26.9%	250	23.8%	37	13.3%	4
Friends Attending MiraCosta	3.2%	37	3.2%	30	3.2%	5	3.3%	1
Building Facilities	0.5%	6	0.6%	6	0%	0	0%	0
Student Services/ Skill Support	5%	57	5.3%	50	3.2%	5	6.6%	2
None of the Above	12.4%	141	12.5%	116	8.3%	13	36.6%	11
Total		**1136**		**928**		**155**		**30**

Question 9

Which campus do you most frequently attend/ work?

	all	
Answer Options	Percent	Count
Oceanside Campus	82%	634
San Elijo	12.1%	94
Community Learning Center	2.7%	21
Technology Career institution	0.7%	6
Off-Campus Sites	0%	0
Do Not Attend A Campus	1.6%	13
Other	0.6%	5
Total		**773**

Question 10

Do you teach or take on-line courses?

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
Yes	45.8%	349	45.2%	283	47.8%	5	43.4%	10
No	54.1%	412	54.7%	343	52.1%	1	56.5%	13
Total		**761**		**626**		**12**		**23**

Current Campus

Question 11

On a scale of 1 to 5 (with 5 being the best) how would you rate the overall quality of the campus you muost regularly attend/ work?

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
1	0.5%	4	0.4%	3	0%	0	0%	0
2	1.9%	15	2%	13	1%	1	0%	0
3	15.2%	115	16.5%	103	8.4%	8	13%	3
4	41.9%	317	42.1%	262	42.1%	40	47.8%	11
5	40.3%	305	38.6%	240	48.4%	46	39.1%	9
Total		**756**		**621**		**95**		**23**

Question 13-26

On a scale of 1 to 5 (with 5 being the the best) rate the following types of spaces on campus:
Student Services

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
1	1.2%	9	1%	6	3.2%	3	0%	0
2	2.7%	20	3.1%	19	1%	1	0%	0
3	1.7%	124	17.1%	103	16.3%	15	13.6%	3
4	30.5%	223	32.1%	193	26%	24	27.2%	6
5	35.5%	259	34.8%	209	36.9%	34	40.9%	9
N/A	12.8%	94	11.6%	70	16.3%	12	18.1%	4
Total		**729**		**600**		**92**		**22**

Question 14

Cafeteria

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
1	3.6%	27	3.7%	23	3.1%	3	4.1%	1
2	8%	59	8.4%	51	6.3%	6	4.1%	1
3	25.2%	186	26.8%	163	21.2%	20	0%	0
4	29.9%	221	32.5%	197	22.3%	21	16.6%	4
5	19.8%	146	18.6%	113	32.9%	31	8.3%	2
N/A	13.2%	98	9.7%	59	13.8%	13	66.6%	16
Total		**737**		**606**		**94**		**24**

Question 15

Classrooms/Instructional Space

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
1	1.9%	14	2.1%	13	1%	1	0%	0
2	6.1%	45	6.9%	42	3.1%	3	0%	0
3	20.9%	154	22.4%	136	15.9%	15	8.6%	2
4	36.1%	266	34.7%	210	44.6%	42	47.8%	11
5	30.4%	224	29.4%	178	32.9%	31	43.4%	10
N/A	4.4%	33	4.2%	26	2.1%	2	0%	0
Total		**736**		**605**		**94**		**23**

Question 16

Gym/Health & Fitness

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
1	8.6%	64	7.7%	47	16.1%	15	12.5%	3
2	7.7%	57	8.5%	52	5.3%	5	0%	0
3	8.6%	64	9.5%	58	5.3%	5	0%	0
4	10.7%	79	12.2%	74	3.2%	3	8.3%	2
5	7.8%	58	8.9%	54	2.1%	2	0%	0
N/A	56.3%	415	52.9%	321	67.7%	63	79.1%	19
Total		**737**		**606**		**93**		**24**

Question 17

Outdoor Spaces

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
1	1.5%	11	1.1%	7	3.2%	3	4.3%	1
2	3.8%	28	3.4%	21	3.2%	3	8.6%	2
3	11%	81	10.4%	63	11.9%	11	26%	6
4	29.1%	214	31%	188	22.8%	21	30.4%	7
5	49.9%	366	50.4%	305	53.2%	49	17.3%	4
N/A	4.5%	33	3.4%	21	5.4%	5	13%	3
Total		**733**		**605**		**92**		**23**

Question 18

Parking

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
1	15%	111	17.3%	105	4.2%	4	8.3%	2
2	18.6%	138	21.4%	130	4.2%	4	4.1%	1
3	24.3%	180	27.9%	169	6.3%	6	8.3%	2
4	20.2%	150	19%	115	28.4%	27	29.1%	7
5	17.9%	133	10.7%	65	53.6%	51	50%	12
N/A	3.6%	27	3.4%	21	3.1%	3	0%	0
Total		**739**		**605**		**95**		**24**

Question 19

Informal Meeting Spaces

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
1	3.8%	28	4%	24	4.3%	4	0%	0
2	8.5%	62	8.8%	53	5.3%	5	8.6%	2
3	19.2%	140	19.7%	118	19.3%	18	17.3%	4
4	26.7%	195	27.7%	166	24.7%	23	39.1%	9
5	20.6%	150	19.2%	115	24.7%	23	17.3%	4
N/A	21%	153	20.4%	122	21.5%	20	17.3%	4
Total		**728**		**598**		**93**		**23**

Question 20

Social/Recreational Spaces

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
1	4.3%	32	4.3%	26	6.4%	3	4.3%	1
2	10.1%	74	9.6%	58	11.8%	3	8.6%	2
3	17.6%	129	18.8%	113	13.9%	11	26%	6
4	24.5%	179	25.8%	155	21.5%	21	30.4%	7
5	21.8%	159	21%	126	25.8%	49	17.3%	4
N/A	21.3%	156	20.3%	122	20.4%	5	13%	3
Total		**729**		**600**		**92**		**23**

Question 21

Library/Information Resources

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
1	0.8%	6	0.8%	5	0%	0	4%	1
2	2.7%	20	2.3%	14	3.2%	3	8%	2
3	6.6%	49	5.1%	31	12.9%	12	16%	4
4	30.4%	223	30%	180	37.6%	35	44%	11
5	50.6%	371	53.5%	321	36.5%	34	16%	4
N/A	8.6%	63	8.1%	39	9.6%	9	12%	3
Total		**732**		**600**		**93**		**25**

Question 22

Individual/Group Study Area

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
1	3.4%	25	3.2%	19	5.3%	5	4.3%	1
2	6.5%	47	5.9%	35	10.7%	10	8.6%	2
3	17.2%	124	17.6%	104	13.9%	13	17.3%	4
4	22.5%	162	22.5%	133	26.8%	25	30.4%	7
5	29%	209	29.6%	175	23.6%	22	26%	6
N/A	21.2%	153	21%	124	19.3%	18	13%	3
Total		**720**		**590**		**93**		**23**

Question 23

Athletic Fields

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
1	5%	37	3%	18	15.9%	15	8.3%	2
2	6.1%	45	6.7%	40	5.3%	5	0%	0
3	10.1%	74	12.1%	72	4.2%	4	8.3%	2
4	11.9%	87	14.2%	85	2.1%	2	8.3%	2
5	10.3%	75	11.5%	69	2.1%	2	4.1%	1
N/A	56.2%	409	52.2%	311	70.2%	66	70.8%	17
Total		**727**		**595**		**94**		**24**

Question 24

Staff/Faculty Spaces

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
1	4.9%	36	5.7%	34	2.1%	2	0%	0
2	7.7%	56	8.1%	48	5.3%	5	8.6%	2
3	13.7%	99	14.8%	88	8.6%	8	13%	3
4	18.8%	136	19%	113	19.3%	18	43.4%	10
5	15.2%	110	13.3%	79	16.1%	15	26%	6
N/A	39.4%	285	38.8%	230	48.3%	45	8.6%	2
Total		**722**		**592**		**93**		**23**

Question 25

Conference Rooms

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
1	2.6%	19	2.7%	16	3.2%	3	0%	0
2	6.1%	44	6.2%	37	4.3%	4	8.6%	2
3	13.7%	99	14.5%	86	9.6%	9	13%	3
4	18%	130	19.4%	115	17.2%	16	43.4%	3
5	18.8%	136	17.4%	103	19.3%	18	26%	10
N/A	40.6%	293	39.5%	234	46.2%	43	8.6%	5
Total		**721**		**591**		**93**		**23**

Question 26

Restrooms

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
1	9.1%	67	10.7%	64	3.2%	3	0%	0
2	14.2%	104	15.2%	91	4.3%	4	8.6%	2
3	26.9%	197	28%	168	9.6%	9	13%	3
4	27.4%	201	26.4%	158	17.2%	16	43.4%	3
5	20.1%	147	18.5%	111	19.3%	18	26%	10
N/A	2%	15	1%	6	46.2	43	8.6%	5
Total		**731**		**598**		**93**		**23**

Question 27

What type of space would you most like to see improved? (Choose your top 3)

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
Cafeteria	11.1%	195	11.2%	165	11.4%	23	8.1%	5
Student Services	5.6%	100	5.1%	76	10.4%	21	3.2%	2
Classroom/ Instructional Space	12.9%	228	12.8%	189	15.4%	31	9.8%	6
Gym/ Health Fitness	5.1%	90	4.7%	70	9.9%	20	3.2%	2
Outdoor Spaces	3.5%	62	2.7%	40	5.4%	11	18%	11
Parking	21.5%	379	24.1%	356	4.4%	9	8.1%	5
Informal Meeting Spaces	2.7%	48	2.2%	33	3.9%	8	9.8%	6
Social/ Recreational Spaces	3.1%	56	3.1%	46	3.4%	7	4.9%	3
Library/ Information Resources	4.1%	72	3.4%	51	9.4%	19	3.2%	2
Individual/ Group Study Areas	5.1%	90	4.6%	68	8.4%	17	8.1%	5
Athletic Fields	1.5%	27	1.4%	21	2.4%	5	1.6%	1
Staff/ Faculty Spaces	5.2%	93	5.7%	84	3.4%	7	4.9%	3
Conference Rooms	1.8%	33	2.1%	31	0.9%	2	0%	0
Restrooms	16%	282	16.4%	243	10.4%	21	16.3%	10
Total		**1755**		**1473**		**201**		**61**

Question 28

Choose 3 words that best describe the campus you most regularly attend?

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
Accessible	13.2%	275	13.2%	226	13.4%	35	13.8%	9
Welcoming	16.6%	345	16.1%	275	20%	52	13.8%	9
Isolated	1.3%	28	0.8%	15	3.8%	10	4.6%	3
Dirty	0.7%	15	0.7%	13	0.3%	1	1.5%	1
Modern	3.2%	67	2.9%	51	3%	8	6.1%	4
Diverse	8.3%	174	9.1%	156	2.6%	7	13.8%	9
Outdated	6.3%	131	6.7%	115	4.2%	11	7.6%	5
Cohesive	1.2%	25	0.9%	17	2.6%	7	0%	0
Walkable	11.6%	241	11.4%	196	14.2%	37	10.7%	7
Disorganized	1.2%	25	1.3%	23	0.7%	2	0%	0
Clean	14.4%	299	14.2%	244	15.3%	40	6.1%	4
High- Tech	1.6%	35	1.5%	27	0.3%	1	4.6%	3
Active/Social	5.5%	114	5.8%	100	4.2%	11	4.6%	3
Landscape	11.1%	232	11.5%	198	11.5%	30	1.5%	1
Dull	2.7%	58	2.6%	46	3%	8	6.1%	4
Barren	0.3%	8	0.2%	5	0%	0	4.6%	3
Total		**2072**		**1707**		**260**		**65**

Question 29

What is you favorite space on campus?

See comments section Pg. 65

Question 30

On a scale of 1 to 5 (with 5 being the best), how well do the facilites on campus provide environments conductive to teaching/learning?

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
1	5.5%	39	5.7%	33	3.4%	3	10%	2
2	9.1%	64	10.2%	59	4.5%	4	0%	0
3	27.8%	195	29.4%	170	17%	15	20%	4
4	34.9%	244	34.4%	199	31.8%	28	55%	11
5	22.4%	157	20.1%	116	43.1%	38	15%	3
Total		**699**		**577**		**88**		**20**

Question 31

On a scale of 1 to 5 (with 5 being the easiest), when you first arrive on campus how easy is it to understand directions and/or find your final destination?

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
1	1.4%	10	1.5%	9	1.1%	1	0%	0
2	3.7%	26	3.9%	23	2.2%	2	4.7%	1
3	19.3%	135	19.7%	114	17.2%	15	28.5%	6
4	43.9%	307	44.1%	255	43.6%	38	23.8%	5
5	31.6%	221	30.5%	176	35.6%	31	42.8%	9
Total		**699**		**577**		**87**		**21**

Question 32

On a scale of 1 to 5 (with 5 being the most welcoming) how welcoming does the campus feel?

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
1	0.8%	6	0.8%	5	0%	0	4.5%	1
2	5.7%	40	5.9%	34	4.4%	4	9%	2
3	19.6%	137	20%	115	17.9%	16	13.6%	3
4	34.9%	244	35.3%	203	34.8%	31	36.3%	8
5	38.8%	271	37.8%	217	42.6%	38	36.3%	8
Total		**698**		**574**		**89**		**22**

Question 33

On a scale of 1 to 5 (with 5 being the most safe), how safe do you feel on campus?

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
1	0.9%	7	1.2%	7	0%	0	0%	0
2	2.8%	20	3.2%	19	1.1%	1	0%	0
3	12.9%	91	13.4%	78	8%	7	9.5%	2
4	36.2%	254	36.7%	213	33.3%	29	42.8%	9
5	46.9%	329	45.2%	262	57.4%	50	47.6%	10
Total		**701**		**579**		**87**		**21**

Question 34

Does the campus provide adequate social areas?

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
Yes	73.9%	504	73%	411	79.7%	67	65%	13
No	26%	178	26.9%	152	20.2%	17	35%	7
Total		**682**		**563**		**84**		**20**

Question 35

Does the campus provide adequate study areas?

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
Yes	66.9%	455	67.4%	377	70.5%	60	33.3%	7
No	33%	225	32.5%	182	29.4%	25	66.6%	14
Total		**680**		**559**		**85**		**21**

Question 36

In which types of environment do you study best? (select all that apply)

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
Active	2.4%	55	2.3%	44	2.4%	7	3.7%	2
Informal	7.6%	171	7.2%	133	10.6%	31	7.4%	4
Calm	21.5%	482	21.6%	399	20.2%	59	22.2%	12
Open	7.4%	166	7.5%	139	6.8%	20	3.7%	2
Collaborated	6.6%	149	6.2%	115	7.9%	23	12.9%	7
Structured	5.3%	119	5.4%	100	5.8%	17	1.8%	1
Secluded	9.7%	217	9.7%	180	10.3%	30	9.2%	5
Public	3.7%	84	3.7%	70	3%	9	5.5%	3
Formal	2.3%	52	2.3%	43	2.4%	7	1.8%	1
Private	12.5%	281	12.8%	237	11.3%	33	11.1%	6
Quiet	20.2%	452	20.4%	378	18.2%	53	20.3%	11
Loud	0.4%	9	0.3%	7	0.6%	2	0%	0
Total		**2237**		**1845**		**291**		**54**

Question 37-42

On a scale of 1 to 5 (with 5 being the best) how would you rank the level of technology provided in the following types of spaces on campus? (This includes the technology provided as well as infrastructure such as access to power and Wi-Fi):
Classrooms

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
1	2.1%	15	2.3%	13	2.2%	2	0%	0
2	7.8%	54	8.1%	46	6.8%	6	4.7%	1
3	22.5%	154	21.8%	123	29.8%	26	14.2%	3
4	36.8%	252	36.5%	206	33.3%	29	47.6%	10
5	30.5%	209	31%	175	27.5%	24	33.3%	7
Total		**684**		**563**		**87**		**21**

Question 38

Meeting Spaces

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
1	1.6%	11	2%	11	0%	0	0%	0
2	9.3%	62	9.3%	51	8.4%	7	15%	3
3	29.7%	197	28.8%	158	34.9%	29	30%	6
4	35.2%	234	35.8%	196	32.5%	27	40%	8
5	23.9%	159	23.9%	131	24%	20	15%	3
Total		**663**		**547**		**83**		**20**

Question 39

Library

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
1	0.4%	3	0.1%	1	0%	0	5%	1
2	1.9%	13	1.4%	8	3.5%	3	10%	2
3	15.5%	104	14.6%	81	17.8%	15	35%	7
4	36.9%	247	36.7%	203	39.2%	33	20%	4
5	45.1%	302	46.9%	259	39.2%	33	30%	6
Total		**669**		**552**		**84**		**20**

Question 40

Computer Labs

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
1	0.7%	5	0.5%	3	2.4%	2	0%	0
2	2.1%	14	2%	11	2.4%	2	4.7%	1
3	16.7%	110	16.6%	90	20.4%	17	9.5%	2
4	34.6%	228	34.1%	185	32.5%	27	47.6%	10
5	45.7%	301	46.6%	253	42.1%	35	38%	8
Total		**658**		**542**		**83**		**21**

Question 41

Public Areas

	all		Oceanside		San Eliio		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
1	3.4%	23	2.7%	15	7.1%	6	5.2%	1
2	11.6%	77	12.6%	69	5.9%	5	5.2%	1
3	31.9%	212	31.9%	175	29.7%	25	52.6%	10
4	30.4%	202	30.5%	167	30.9%	26	15.7%	3
5	22.4%	149	22.1%	121	26.1%	22	21%	4
Total		**663**		**547**		**84**		**19**

Question 42

Outdoor Areas

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
1	6.1%	41	5.4%	30	7.2%	6	15.7%	3
2	16.6%	111	17.4%	96	12%	10	21%	4
3	30.3%	202	30.7%	169	30.1%	25	31.5%	6
4	24.2%	161	24.1%	133	24%	20	21%	4
5	22.5%	150	22.1%	122	26.5%	22	10.5%	2
Total		**665**		**550**		**83**		**19**

Looking Forward

Question 44

Choose 3 words that best describe the MiraCosta of the future.

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
Approachable	6.8%	137	6.8%	113	7.1%	17	6.8%	4
Sustainable	8.2%	165	8.4%	139	8.7%	21	5.1%	3
Bold	0.9%	19	1%	18	0.4%	1	0%	0
Open	5%	101	5.4%	89	3.3%	8	3.4%	2
Engaging	9.6%	193	8.8%	146	15%	36	13.7%	8
Modern	6.2%	125	6.6%	109	4.1%	10	6.8%	4
Inclusive	4.7%	94	4.6%	76	4.6%	11	10.3%	6
Prestigious	4.5%	91	4.8%	80	3.3%	8	1.7%	1
Innovative	8.7%	175	8.7%	144	6.2%	15	15.5%	9
Safe and Sound	9%	180	8.9%	147	10.4%	25	3.4%	2
Inspiring	8%	160	7.8%	129	9.2%	22	8.6%	5
Functional	7.2%	144	7.3%	121	6.2%	15	3.4%	2
Iconic	0.5%	11	0.5%	9	0.4%	1	0%	0
Connected	4.5%	91	4.7%	78	4.1%	10	3.4%	2
Flexible	4.3%	87	4.2%	70	5.4%	13	3.4%	2
Collaborate	3.4%	68	3.1%	52	4.6%	11	6.8%	4
Identifiable	1.4%	28	1.5%	25	0.8%	2	0%	0
High-Tech	6.1%	122	6%	99	5.4%	13	6.8%	4
Total		**1991**		**1644**		**239**		**58**

Question 45-57

On a scale of 1 to 5 (with 5 being the most important) how important are the following services/amenities to you?:
Dining/ Food Services

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
1	9.1%	61	7.9%	44	13.4%	11	14.2%	3
2	8.2%	55	8.5%	47	4.8%	4	14.2%	3
3	19.3%	129	18.8%	104	23.1%	19	28.5%	6
4	30%	201	30.4%	168	28%	23	28.5%	6
5	33.2%	22	34.1%	188	30.4%	25	14.2%	3
Total		**668**		**551**		**82**		**21**

Question 46

Student Services

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
1	2.7%	18	2.9%	16	1.2%	1	0%	0
2	3.6%	24	3.8%	21	1.2%	1	0%	0
3	11.3%	75	11.3%	62	12.5%	10	5%	1
4	25.9%	171	25.6%	140	26.2%	21	35%	7
5	56.3%	372	56.2%	307	58.7%	47	60%	12
Total		**660**		**546**		**80**		**20**

Question 47

Classrooms/Instructional Spaces

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
1	0.9%	6	1%	6	0%	0	0%	0
2	1.2%	8	0.9%	5	1.2%	1	5%	1
3	5.2%	35	5.6%	31	2.5%	2	0%	0
4	20.5%	136	20%	110	25.3%	20	5%	1
5	72%	476	72.2%	396	70.8%	56	90%	18
Total		**661**		**548**		**79**		**20**

Question 48

Gym/Health & Fitness

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
1	19.1%	125	19.1%	103	18.9%	15	10%	2
2	13.3%	87	12.8%	69	17.7%	14	5%	1
3	27.4%	179	26.5%	143	25.3%	20	45%	9
4	23%	150	23.9%	129	24%	19	25%	5
5	17%	111	17.6%	95	13.9%	11	15%	3
Total		**652**		**539**		**79**		**20**

Question 49

Outdoor Spaces

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
1	2.7%	18	2.5%	14	1.2%	1	5%	1
2	4.2%	28	4.2%	23	2.5%	2	5%	1
3	20.1%	133	19.7%	108	18.9%	15	30%	6
4	34.9%	230	35.7%	195	32.9%	26	25%	5
5	37.9%	250	37.7%	206	44.3%	35	35%	7
Total		**659**		**546**		**79**		**20**

Question 50

Parking

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
1	2.5%	17	3%	17	0%	0	0%	0
2	2.8%	19	2.7%	15	2.4%	2	5%	1
3	9.4%	63	9.2%	51	9.7%	8	20%	4
4	21.8%	146	21.1%	117	28%	23	25%	5
5	63.3%	423	63.8%	353	59.7%	49	50%	10
Total		**668**		**553**		**82**		**20**

Question 51

Informal Meeting Spaces

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
1	6.5%	43	7.1%	39	2.5%	2	0%	0
2	7.7%	51	7.5%	41	10.1%	8	5%	1
3	34.5%	226	34.4%	187	35.4%	28	35%	7
4	30%	197	30.9%	168	24%	19	35%	7
5	21%	138	19.8%	108	27.8%	22	25%	5
Total		**655**		**543**		**79**		**20**

Question 52

Social/Recreational Spaces

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
1	8%	53	8.2%	45	5.1%	4	5%	1
2	9.7%	64	9.9%	54	6.4%	5	15%	3
3	33.1%	217	33.7%	183	35.8%	28	20%	4
4	29%	190	28.5%	155	25.6%	20	50%	10
5	20%	131	19.5%	106	26.9%	21	10%	2
Total		**655**		**543**		**78**		**20**

Question 53

Library/Information Resources

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
1	1.6%	11	1.4%	8	0%	0	4.7%	1
2	2.1%	14	2%	11	0%	0	0%	0
3	8.4%	56	8.7%	48	2.5%	2	4.7%	1
4	26.6%	177	25.1%	138	35%	28	42.8%	9
5	61%	405	62.5%	343	62.5%	50	47.6%	10
Total		**633**		**548**		**80**		**21**

Question 54

Individual/Group Study Areas

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
1	4.2%	28	4.5%	25	1.2%	1	0%	0
2	4.2%	28	4.2%	23	1.2%	1	10%	2
3	20.8%	137	20.3%	111	24.3%	19	10%	2
4	33.4%	220	33.6%	184	38.4%	30	25%	5
5	37.2%	245	37.1%	203	34.6%	27	55%	11
Total		**658**		**546**		**78**		**20**

Question 55

Athletic Fields

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
1	29.2%	191	29.1%	157	32.9%	26	15%	3
2	16.4%	107	16.1%	87	20.2%	16	5%	1
3	27.7%	181	26.7%	144	29.1%	23	55%	11
4	16.7%	109	17.4%	94	11.3%	9	20%	4
5	9.8%	64	10.5%	57	6.3%	5	5%	1
Total		**652**		**539**		**79**		**20**

Question 56

Staff/Faculty Spaces

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
1	14.5%	96	15.2%	83	12.6%	10	5%	1
2	6.2%	41	9.7%	53	6.3%	5	5%	1
3	18.8%	124	23.8%	130	25.3%	20	0%	0
4	23.7%	156	27.2%	149	24%	19	45%	9
5	36.6%	241	23.9%	131	31.6%	25	45%	9
Total		**658**		**546**		**79**		**20**

Question 57

Confernce Rooms

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
1	14.8%	98	15.2%	83	16.4%	13	10%	2
2	8.9%	59	9.7%	53	7.5%	6	0%	0
3	23.8%	157	23.8%	130	22.7%	18	10%	2
4	28.5%	188	27.2%	149	31.6%	25	55%	11
5	23.8%	157	23.9%	131	21.5%	17	25%	5
Total		**659**		**546**		**79**		**20**

Question 58-62

On a scale of 1 to 5 (with 5 being the most effective), how effeective are the following methods for your teaching and/or learning?:
Traditional Lecture (On-Campus)

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
1	1.2%	8	1.5%	8	0%	0	0%	0
2	2.6%	17	2.2%	12	3.7%	3	10.5%	2
3	10.4%	68	10.5%	56	7.5%	6	5.2%	1
4	24.6%	160	23.6%	126	31.6%	25	15.7%	3
5	53.2%	347	54.5%	291	53.1%	42	63.1%	12
N/A	7.4	48	7.5%	40	3.7	3	5.2%	1
Total		**648**		**533**		**79**		**19**

Question 59

Small Group Learning

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
1	5.2%	34	5.4%	29	3.7%	0	0%	0
2	3.8%	25	3.9%	21	2.5%	3	10.5%	2
3	13.3%	86	11.9%	63	24%	6	5.2%	1
4	28.5%	184	29.1%	154	26.5%	25	15.7%	3
5	38.3%	247	39.3%	208	36.7%	42	63.1%	12
N/A	10.5%	68	10.2%	54	6.3%	3	5.2%	1
Total		**644**		**529**		**79**		**19**

Question 60

Practice/Hands-On Learning

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
1	0.6%	4	0.5%	3	1.2%	1	0%	0
2	1.7%	11	1.5%	8	1.2%	1	5.2%	1
3	6.5%	42	6%	32	7.6%	6	10.5%	2
4	18.8%	122	18.7%	100	21.7%	17	21%	4
5	62.6%	405	63.3%	337	61.5%	48	57.8%	11
N/A	9.5%	62	9.7%	52	6.4%	5	5.2%	1
Total		**646**		**532**		**78**		**19**

Question 61

Non-Traditional Lecture (Online Courses)

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
1	12.3%	79	12.9%	68	11.3%	9	5.5%	1
2	10.9%	70	11.3%	60	10.1%	8	5.5%	1
3	17.9%	115	18.5%	98	21.5%	17	0%	0
4	18.7%	120	18.7%	99	13.9%	11	33.3%	6
5	25.5%	164	23.7%	125	27.8%	22	38.8%	7
N/A	14.5%	93	14.6%	77	15.1%	12	16.6%	3
Total		**641**		**527**		**79**		**18**

Question 62

Individual/Self-Guided Learning

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
1	9.7%	63	10.2%	54	8.8%	7	0%	0
2	9.4%	61	9.6%	51	10.1%	8	11.1%	2
3	25.9%	167	26.8%	142	26.5%	21	16.6%	3
4	19.9%	128	19.2%	102	18.9%	15	44.4%	8
5	22.3%	144	21.7%	115	21.5%	17	22.2%	4
N/A	12.4%	80	12.2%	65	13.9%	11	5.5%	1
Total		**643**		**529**		**79**		**18**

Question 63

On a scale of 1 to 5 (with 5 being the most impartant), how important will outdoor areas be to the campus of the future?

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
1	1.3%	9	1.1%	6	0%	0	5%	1
2	2.2%	15	2.5%	14	1.2%	1	0%	0
3	15.5%	103	15.5%	85	17%	14	5%	1
4	36.8%	244	37.9%	207	31.7%	26	25%	5
5	44%	292	42.7%	233	50%	41	65%	13
Total		**663**		**545**		**82**		**20**

Question 64

On a scale of 1 to 5 (with 5 being the most important), how important is technology to the campus of the future?

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
1	0%	0	0%	0	0%	0	0%	0
2	0%	0	0%	0	0%	0	0%	0
3	2.1%	14	2.3%	13	0%	0	0%	0
4	14.5%	96	13.9%	76	18.2%	15	9.5%	2
5	83.3%	552	83.6%	454	81.7%	67	90.4%	19
Total		**662**		**543**		**82**		**21**

Question 65

On a scale of 1 to 5 (with 5 being the most important), how important will traditional lecture courses (on-campus) be in the future?

	all		Oceanside		San Elijo		CLC	
Answer Options	Percent	Count	Percent	Count	Percent	Count	Percent	Count
1	0.6%	4	0.5%	3	0%	0	0%	0
2	2.8%	19	3.3%	18	0%	0	0%	0
3	12.1%	81	11.5%	63	9.7%	8	19%	4
4	31.4%	209	31.9%	174	32.9%	27	28.5%	6
5	52.8%	351	52.6%	287	57.3%	47	52.3%	11
Total		**664**		**545**		**82**		**21**

What is your favorite space on campus?

Pedley Park
Library
Library
Library!
The Tower clock area
Library
Cafeteria
The terrace attached to the cafeteria that overlooks the courtyard and library
Library
Library
clock tower
Library
Labs
The tables just outside the cafeteria
The child development center is phenomenal
Library
Though people is not a space I have sincerest heartfelt WOW factor in all student helpers the entire staff and the pride that this cozy campus contains . It is both peaceful and alive , soulful and a truly wonderful place to be able to enrich my life with compassion and the tools as well as a great almost effortlessly (in appearance) seem less mode of opp. Thanks to all . !
Table tennis and one court (tennis) as well as a growing vegetables and fruits co op or something may be a thought . I am hoping to be able to really be a part of . Thank you !
cafeteria
Cafeteria rooftop
Child development center
leaving haha!
Literary and cafeteria
Vets lounge
The language resource center
Library
My office.
Concert Hall
Cafeteria
Clock tower
Library

Library
Tutoring and Academic Support Center
Library

Library

Biology labs

none
Social or study place. Always room for study.
Classrooms
Central Campus (Clock tower)
Outside
Have no favorite
library
Oceanside main grass (clock tower) or library
Mlc
Library
classroom
anywhere outside
Library
Grass patches
Library
I don't spend much time there, but I do like how nice the campus looks.
Library
horticulture area/garden and the library
Library
horticulture dept
Vet Center? I usually just go to class and sit in my car between classes.
cafeteria
Library
the hanging succulent garden and wooden lounge chair exhibit thing
Clubroom
Library
The library but I wish it had longer hours on the weekends.
The horticulture building / area
Art building
Library
LIBRARY
between the music building and concert hall
Library
outside
The main grassy area around the clock tower
library
The Arts Area (photo darkroom)
library

club room
the clock tower seating area
Computer Lab in Library
Library
Honors/Library/New Chemistry building
Language Lab
biotechnology building
Cafeteria
Library
Tables in front of small waterfall/fountain and library , next to testing center.
library
Library
Library
Library entrance
The learning center with tutoring
don't have one, its a small campus
library
Library
Library
Library
Outside
Library
library
ocean view ground
anywhere i can get wifi coverage
The picnic tables near the water tank
library
EOPS Office
Library
The library hub and the gym
library
Ocean view from the cafeteria
Library
People
Lobby
Cafeteria
The outdoor picnic area
parking lot
Library
Library
the view of the ocean from the cafeteria

Outside
library
Outdoor
Clock tower quad.
Library
outside cafeteria
Any outdoor seating
Water fountain, I miss the water running on it to relax and listen to water sound. Can we get it back on?
The walkways and picnic tables under the big trees
gym
Library
Library
I haven't found it yet.
grassy areas
n/a
tutoring center
Yoga room/studio: with the hardwood and mirrors. The OC upper gym is lacking :(
concert hall
Cafeteria
The Campus square between the library HUB and the clock tower.
Library
art building
Library
I don't know the campus well, so may be missing some better areas, but I gravitate toward the library for individual work space because it's what I know.
The business and technology building
Library
The Art Rooms
The library
Recording Studios
Cafeteria
bell tower
clock tower
the green area near the clock tower
classroom
ocean - mountain views
Hub
New Picnic Table.
Horticulture area
Administration Bldg.

What is your favorite space on campus? (Cont.)

The center of campus near the clock tower
outdoors, on grass by trees anywhere

Concert Hall
The patio space in front of the library and APC with the fountain
Clock Tower
Computer lab in the library
The Fountain
All landscaping/greenery
The new cactus gardens
library
Outdoor lawns & patio deck at student center
Library and Information Hub
The bookstore
Concert hall
Classrooms
Outside in a lawn chair or in the library.
renovated classrooms
outside OCN cafeteria-ocean view
Library & Information Hub
Green space from 3200 down hill towards bookstore
The library
library
Assoc. Fac. office
Student Center
outside
quad
outdoor space
N/A
Library
Library
open space east of library
my classroom, but only because that's where my students are
Don't have one
The walkway by the library; the orange trees
The quad area
Outdoors
Computer lab
None
Cafeteria
My office

The seating on the walkway down to the horticulture building
Pedley Park
The Associate Faculty office only because I spend so much time there.
The deck above the cafeteria
landscaped areas near 4000 buildings
The classrooms

Outdoor View Areas
Near horticulture buildings
outside
UMBRELLA AREA BETWEEN 3200/3400/3700
Tennis Courts
library

n/a
horticulture gardens
concert hall or theatre
Main Quad
The view from my window looking out at the center of campus and the clock tower.
Cafeteria
The arts areas

Library/Information HUB
I love the state of the art labs, but they are already feeling way too small, especially the Engineering Tech lab.
Student Services buildings
Library
Admin building open area
Library
No opinion
anywhere you can find shade
Theater
The Library and the outside
Grassy area by clock tower
the Concert Hall
The landscaped areas - they're just gorgeous and xeriscaped to b
the library waterfall
library
Front Lawn
Library
quad under the clock tower

Outside chairs
library
Pedley Park
The library/computer lab area
fountain area
The Main Lawn surrounding the Clock Tower
front lawn
Pedley Park
quad
clock tower

behind the library
conference room
Central Quad/Grass Area

Landscaping/views

Library
library
grassy areas
The large gymnasium
Academic Support Center
Pedley Park
the one that we keep asking for and still don't have: resource area for students and faculty to study, work, interact, etc.
open space around the clock tower
The Library
Clocktower
Room 204, the Yoga Room, is a wonderful space and where I spend most of my time.
3500-3600 quad
Area near the Clock Tower
cafeteria
Aztlan
library
the horticulture area
I don't have one
fountain area
The ocean view from the cafeteria.
Library
i like the entry way into the admin building.
cafeteria

Middle of the campus
classrooms
Lawn area outside the library
Outdoors because the entire campus is very attractive and well landscaped; I especially enjoy being outside and seeing the bluffs that border the north and western perimeters.
student center
grass area by the clock tower

Open space
Horticulture Building
library hub
The music department
Library
library
Art / yoga studio, the tables surrounding and the chairs disperse on the grounds
Library
There is a balcony in the art building where I liked to relax by being outdoors but also be in the shade (sometimes people smoke there which kinda sucks) but theres also a sofa right inside i would take naps on.
Cafeteria / sitting in grass outside
Library
Cafeteria balcony on a clear day! :)
Quad
The green by the giant clock. Fresh Air!
outdoor space
The quad area - but it is underutilized
outdoor spaces
The wooden bench/art piece near the faculty buildings
Pedley Park
student room connected to cafeteria
The lobby where my work station is.
Pedley Park
The Gallery
The Library
The area near the fountain outside of the HUB
The Clock
Outdoor space, Pedley Park
Aztlan B in the Student Center
Concert Hall
The Library/Hub because of the two levels, computer lab space, and awesome views.
OC4100

Library
The new water conscious landscaping behind the cafeteria
the study areas around the Horticultural building
Fountain by clock tower
Labs
Library or outside cafeteria
The sitting areas in front of the library.
Outside space in front of the library or on the grass nearby closer to the patio.
Library
the quad around the fountain area.
the classroom
library
By the library.
Quad
Student Center outdoor patio
The clock tower
View from the cafeteria.
office
the library
none
Library
Board room
Pedley Park
Center of the campus by the clock tower, fountain and hub
cafeteria with a view of the ocean and hills
library
My car when I'm leaving.
Pedley Park
Clubroom
small meeting auditorium
Was the waterfall until the water was cut off
Horticulture
New/updated classrooms -- they're energizing
Green space
Library
Library
The garden
library
Library
Hub
The dance studio/ art studios

library
Labs
center quad
library
Center square outside library, lots of seating, sunny, quiet, open.
The area near the clock
Lawn chairs
Library
Don't have one.
The Art building
Cafeteria
The quad
library
New buildings such as Concert Hall
My office
Cafeteria
Auto class
Concert Hall
Any space under a tree.
Outdoor space
The Theatre
walkways near 4700-4900 with shade
Library
yoga room
The Library

The lunch area outside of the cafeteria.
writing center
Pedly Park
my office
The Clocktower
outdoor seating area by the library
the center: clock tower area
Child DEvelopment Center
Library
Information Center
Cafeteria Patio overlooking the ocean
The quad in front of the library
Tables just between Bldg 4000 & Bldg 4500
Club room
Around the clock tower

What is your favorite space on campus? (Cont.)

Library

The fountain
outdoor spaces
The area between building 3000 and building 3300 where you can see the ocean.
All the outdoor spaces
Library
The green open walkways
cafiteria
full-time teacher office space
The grassy plaza areas and the setting
sitting area (benches)in the Horticulture area under the tree
Overall environment
Library
The view of the ocean walking out to the 3C parking lot
Library
Dance room
Tennis Courts
The walkways are open and well maintained.
Cafeteria
Concert Hall and Quad Area
Library/Computer area
Clock tower grass area (would be pool if you had one).
Central courtyard
cafeteria
Language lab
don't know
Central courtyard

classroom
outside
Library
The public space around the fountain - the blue sea glass walk-way, specifically.
Library
The library
Cafeteria
outside near library
The cafeteria. I like to study while eating/drinking.
Outside
Cafeteria
Seeing the view from the cafeteria

outside
In front of the Admissions & Records building to eat my lunch & watch the ocean, and the (quiet, 2nd floor) library, for homework
cafeteria
Library
my classroom
the native plant garden
Art building
Library
N/A
Library
the out side environment
Grassy areas
The Library
library
Library
View of ocean
lawn area
outdoor
The clock tower
library
The clock tower area
Library
Outside benches and tables
The computer lab
Outdoor area near library
I love the Oceanside campus library and outside tables
court yard
outdoors
drought tolerant landscaping spaces (hort, 4500, new aloe garden)
cafeteria
Library
not sure
Library
up by water tower
Grass areas
The horticulture building
3t3dwdnn A

Library
student service building

Courtyard
In the classroom
Library
Student lounge
I really appreciate the lemon trees, new drought tolerant plants, and the succulent wall art near the new structure.
Tutors area
library
Cafeteria's Patio with ocean view
I don't usually go to the campus because I am taking an online class.
Parking space close to classroom
Cafeteria
Class
Landscape
Class
Library
New Science Labs
Library
library
grass field in the center
Music/Art Building
my office
My office when I was employed @ MCC
cafeteria
The upper half of the library
the study rooms
The Libiary
N/A
Art dept. 2272
The over watered green, green lawns. To hell with the drought.
Library
Library
The Hub

San Elijo tutoring services
parking lot
Art and Music building
Library
na
Piano lab
Music building!

Library
Honors Lounge
Covered area between 3000 and 3300 building where you can look to the ocean.
the GSA
Club Room
Music Area
the plaza, its peaceful and the grass is relaxing
Library
Library and Information Hub
Library
library
Painting room
Cafeteria, it's the only social area.
The outdoor benches and tables
Outside (e.g., grass areas, clock tower)

Quad/clock tower
Horticulture
Math Learning Center
Cafeteria
library
Library
horticulture bldg
Honors Lounge
Gym
library
my laboratory
The cool tables, beside the cashier and counseling center.
Cafeteria seating with the big window
Outdoor area outside of cafeteria
Under the clock tower, or in the shaded area by the cafeteria
Second floor of the library
After a night class, outside next to Nursing Lab when the rabbits come out to play in the grass. Very relaxing after a long night of teaching!!
Library
The outside
The library
The horticulture area
library
my classroom
Don't have one

library
The new bench that was created by the construction and design class over the summer
caffeteria
Library
the peace and serenity in the atmosphere in blessed to be a part of this dynamo campus ,and the space where bar none they really are a well dkoone favorite place is weityh the fsntssdtyic tram in asdfmin and whole buhildjking the teachers the secretary's and the Lawn
quad by design buildings
library
near the clock tower
the flora
DSPS
Tutoring Center
Updated classrooms

3000 bldg classroom
Library
theater
Library
Oceanside
Garden and landscaped areas
The Writing Center
The clock tower at OCN campus.
any grassy area I can be in shade and well hidden when I need my space.
library
My classroom and cafetaria
under the clock
Engineering Tech Lab
My office
The dino
the chairs outside the cafeteria on the grass
Library-Study rooms
the library and the outside area of the cafeteria
The OCN library
cafeteria
The class rooms are very nice imo.
classroom
Library
Cafeteria table views
Cafeteria Balcony

The quiet study rooms and the outside lawn chairs by the library

the library
Pedly Park
the concert hall
Green lawns in the middle of campus
cafeteria outdoor patio
Tables and benches around campus
Computer Lab
Agriculture area
there is no favorite. It is beautifully landscaped and buildings blend into the hill behind.
Horticulture Department grounds - nursery, orchard, etc.
The Library
Art Department
The gym because that is where I interact with my athletes.
Library
My classroom
library
My classroom
Student center - view to the ocean
I don't have a favorite place
Any place where there is grass and tres.
Lounge areas
Library
Child Development Center
Counseling
library
Computer Lab
Administration
By the clocks tower
The view from the cafeteria
library

Library
library
Library
the studio/control room
Fountain area near HUB
child development center
middle grass area with tree and chairs
By the clock tower

What is the one thing on campus you would change?

Exterior design of campus buildings is dated and boring. I would like to see a change toward modernizing our "look" in terms of building design.
Add shelves in the restrooms to place books while using the restroom.
The lines for financial aid should be indoors
Parking
Expand the parking lot
Later library hours
More space available to park our car.
The log in password for the WiFi services.
that still fountain/water basin in front of the Oceanside campus Library is an eyesore. Other than that, this is my first semester here and I don't feel too strongly towards the atmosphere as a community college.
As a Massage Therapy student, teacher's should have own classrooms rather than being rushed & interrupted due to the other class showing up
Parking arrangement
More outdoor seating. Even areas that are covered. Some days it's too hot or rainy so it's nice to have more options instead of standing for prolong periods In between classes
MORE parking
Parking space
The biggest problem I have with the campus is the cafeteria. Everything is overpriced and bland, I used to go to De Anza college, they had a salad bar where for $7 you could get a spring salad with chicken, craisins , blue cheese, walnuts, and a vinaigrette dressing. I don't really use our caffeteria, but I probably would if we had a nice salad bar.
I would like there to be more places to sit outside to study by myself or with a few friends.
The parking ticket machines are extremely difficult to use and often break. It would be nice if it was updated or disposed of.
The club room and parking. I know that's two but parking is awful like we need the overflow parking areas available and somehow someway still need more and the club room is a battle to be heard over other clubs at meetings, interruptions of other groups being loud is frequent and bothersome.
hard to find parking in the beginning of a semester.
More gender neutral bathrooms.
Parking. We need more.
As above oh yes and perhaps accessible water not warm and barely coming out (the only negative) I have come across. I think a nice project would be to have a student make art light tables day they are easy and it would be great to have them
M in class . I suppose interactive or just whiteboards for students and staff . I love san elijo Oh yes HORRIBLELY attack by mosquitos ! A skin so soft product would be a great addition for little purchases . To prevent from such . Thank you for providing such a wonderful campus all around !
Nothing
Parking

I'd reconcile and assigned the parking area. It seems like there are more smokers at the Bus stop than any other areas, so it could be put on the street side not in the parking area.
Parking should be leveled out, solor panels should be installed and the Pierre generated should be used in the campus.
Parking
Clean and fix restrooms
Add parking and study areas
Parking. Build like a 3 level parking

More light for night time
Strength of Wi-Fi and better cell reception
The parking for students.

?
Cafe needs to be open later, eating areas cleaned regularly, have consistency and provide more value for the price. It has a gorgeous view, but is sadly dilapidated. I always bring backup food in case there is nothing left to choose from when instructor gives us break in night class.
Refurbishing, making the whole campus high tech and modern.
Easier access to parking from classroom.
Overall it is pretty good. I think it provides with all the essentials of a campus. Only the mens restroom by the 3600 building. The it does not have urinating stalls and are too close to each other. Sometimes I have to use the potty because I feel uncomfortable. Also, the faucet is not automatic. You have to press the handle for water.
I love Mira Costa College Oceanside campus but, it really needs to be updated. It could be larger with better buildings and classrooms. Maybe two story buildings. The cafeteria is horrible, it needs more options and to be rearranged. The bathrooms are really really dirty and old.
Don't clean the bathrooms during school hours
Parking

More study space by the clocktower lawn.
I would increase the speed of getting a student I.D., books and a parking permit BEFORE the semester starts. The lag time is incredibly and ridiculously slow. How can you ask students to be prepared for classes when the school isn't prepared? It is so very frustrating. If you want to help students out, please take care of student services before working on the campus.

Make the vet center more than a dirty dingy trailer on the edge of campus. I'm a 30 year old veteran student and I don't even like to go in that little dump. It's always loud, people there are obnoxious, it's tiny, and overall just a pain in the ass to deal with.
campus is old and outdated. Are the tax dollars in the pockets of administrators or? This school is behind the times and does not compete with other trade type community colleges. Where's drone technology courses or welding?

I want to add a social space where students can interact and distract themselves from the overload of work. For example a game are or a place to do fun activies. Maybe it can be open Fridays and Saturdays.
More parking spaces
I would have the library open longer hours during the weekend. I study a ton during the weekend and the library is never open at night when I want to be there.
More parking space, and better (healthier) selection of food at the cafeteria please!
SURF IS TERRIBLE! It could be so much better!! (and the grass. I love the grass. It's beautiful. I take off my shoes to walk through it at every chance I get. I just hope it is being watered 100% with reclaimed water. I'd hate to lose it but if not, it is time to let it go until we're out of the drought.)
Parking. As number of students increase every academic year, the available parking does not. We need more vehicle space.
Parking and Enrollment
Cleaner bathrooms especially near the math and sciences buildings (3000s and 4000s)
Having the Cafeteria & Library open longer. The hours of operation of the cafeteria should also included for the night and weekend classes. As of now the cafeteria is Only open until 2 pm. Monday-Friday. To go anywhere to eat is at least three miles away. Plus wouldn't it be better to have up spending our time and money at the college rather than some where else? I am just saying (=
Also, it would be nice if the Library was open longer on Fridays, it closes by 3 pm. Library hours are Mon - Thu 8 a.m. -9:30 p.m. Sat 10 a.m. -5 p.m. FRIDAYS HOURS CLOSE WAY TOO EARLY! This for the Oceanside com.
Parking and the building numbers need to be more visible, for example, something that stands out. I feel like the numbers blend into the buildings.
update the classrooms and add several computer labs
Add maps on campus to help locate destinations.
Classroom chairs, to small
More individual quiet study spaces. The library is not quiet. Not even close. The one thing I can't do on campus is study. There are no quiet semi-private calm places to go.
gut all the bathrooms and start over, they are gross.
More information and help for first generation college students no matter at what academic level they are at.
The tutoring center and particularly the Math Lab are far too noisy. Staff chit chats more than necessary. More individual study rooms for tutoring and group study would be helpful.
Better bathrooms
Make bigger parking areas and lower cost of tuition to 36 dollars per unit again.
The amount of tables around campus.
Longer hours for library and language lab. I'd like a longer hours for at least the library use for Fri/Sat. It would be helpful if you include a lab for computer science/ MAT majors or any tech/design majors for help just like you do the language lab. A separate study place for students in these area to use MAC COMPUTERS/ design tools or an instructor that can help with the adobe programs/ computer science type programming things. More space in the

Math learning center. More covered areas or spaces to study/socialize. CLEAN bathrooms. They are NEVER stocked. I bring my own toilet paper/kleenex. They are discussing. Especially the one closest to the language lab. If the online tutoring could have a higher limit of questions or if you could have the ability to request a live chat instead of setting an appointment. The vending machines are never stocked with water and they never accept any of my credit/debit cards. I lose wifi all the time and I even signed up for the secure. My Math 131 (online) class has NO instruction. Only references to YouTube?? Also, I chose this school because of the language program. I revolved my entire work schedule, education plans and few years and no one told me there wouldn't be a French 202 until the Spring of 2017?! That is HORRIBLE. There should've at least been a notification or warning. I would've stayed in San Francisco where I use to live and planned my education plan and life around somewhere that would accommodate and have what I need. Even if it was offered online or as an independent class where the teacher emailed or met once a month with a list of assignments/ lessons we need to learn. There may not be enough students to offer the class next semester, but don't advertise it if you don't have it or at the least, offer another option. In addition to that being said, I will need to study on my own until the Spring of 2017 and I was told that even if I'm a student at MiraCosta, I cannot use the language lab to keep up with my French during the full year you cannot offer the course UNLESS I am enrolled in a language course?!?! I pay tuition and it is not my fault that the class isn't going to be offered for another year. I would at least like to have the opportunity to study on my own so I don't walk into the French 202 class in the Spring of 2017 and have forgotten the material which would probably affect my grade/ stress level. I would even be willing to pay an extra fee to use the lab, but I was still told no. That is just WRONG. Another suggestion is that the cafeteria should have times listed for when breakfast, the deli or the hot food is available. I've gone in around 4:30pm looking for a deli sandwich, since I have dietary restrictions and its not offered during times. I'd just like to know when those times are. Lastly, I'm LOST sometimes. If there were a few maps around the campus like they have in the middle of the mall, that would be extremely helpful. Sometimes for clubs or tests or special things, we are told to meet in curtain rooms other than the normal classroom. If I want to find them, I have to wander all around or go to the front of the Administration building to see the only map posted. I apologize for the unorganized thoughts and banter. I'm currently flying and about to land and have not had time to organize my thoughts out completely.
So hard to decide between the undersized and antiquated photo darkroom and the bathrooms. Bathrooms are disgusting on this campus, outdated and dirty.
The photo darkroom is my favorite place on this campus and such an asset to the area. It's a shame that it's so run down and underfunded. This little campus gem needs a major overhaul, not just a facelift.
Heat affects the chemical processes in the film and so a hot room is a big no-no, A/C is an absolute must. 30 people stuck in a dark, close quartered sweatbox for 3 hours makes for a miserable experience and the antithesis of creativity.
Next, space: MORE OF IT, LOTS MORE OF IT. Ideally in the processing room there would be a mock-enlarger for instruction, maybe elevated so that everyone in the room can see what's being explained before entering the dark room (or put it in the darkroom).
- Instructors office - give them somewhere to store their stuff and a little room to work. My

What is the one thing on campus you would change? (Cont.)

instructor looks so crammed in that space that I don't know how on earth she can function.
- Bigger light table
- 2 more rooms for transferring film to the canisters
- 2 work stations for matting that are at standing level
- 2 film drying units
- More developing space (both in the darkroom and the processing area for the film). 4 sinks in each instead of 2.
o There is no reason that there should be lines of 5 people on both sides of the processing areas during class.
o Also, if there are different chemical processes in use a white board above the chemicals indicating what chemicals are at that station.
- More enlargers either lower the class size or increase the number of enlargers.
- Timers – there should be timers mounted above the processing areas, ones that work consistently and are for each chemical.
- Adequate drying racks for the canisters
- Hanging space for things that need to air dry (preferably not directly above the sinks where we are trying to process film.
o Should be closer to the wall but not touching the wall.
- Computer Tablet mounted to counter for signing in for open lab and class. If trampoline parks can have them for signing in kids so can a college.
Classrooms: please consider lining the walls with shelving that allows us to display our prints without having to poke holes in them (thumbtacks). Doesn't have to be anything fancy just shelves with a lip.

2 words: Corporate Sponsorship.
• U-line for the fatigue mats or Home Depot.
o Slap a placard up on the walls thanking them for the generosity and viola!
I would increase on-foot security police on the campus grounds. Also, I would have the study areas in the library separate from the teaching areas. The noise in the library should be reduced.
Walking accessibility
cafeteria menu. It had many better choses before it went all healthy. I mean come on were is the greasy stuff. were young and dumb we want grease
I see that the campus provides opportunities for students to meet with different colleges. This is great if someone is trying to transfer to a four year institution; however, I think it would be beneficial if the school had job fairs too. The school has resources to help with resumes and so on, but a college job fair could greatly improve a students chances of landing a job/career. That is why we go to school, so we can get a good job in the field we are specializing in.
Making sure that building number are easier to find
Change machine for printing in library. Not just dollar bills.
Been the first time going to school knowing where to go, and what are available for the students too.

I would allow for more computer science classes to be taught at the San Elijo branch.
I can't think of anything.
Extend the opportunity programs for other people, more programs such as FYE, PUENTE ,EOPS, because these programs help out students who come from a low income background and students who are not a typical college students, whoever if they are high at english they can join an outreach program , however they still lack support to keep attending college. Or for example if it is not their first year in college , they cannot longer join FYE , however they still lack of finacial capital and solid support system.
Parking.
The overflow lots are just dirt and there's no parking available the first weeks of school
None
Bigger space in the 3500 and the Trailer Buikdings
More areas to relax and more updated classrooms
the smell in the restrooms
Nothing!!!!
a chapel
Parking and more bus services
More parking
The current gym needs to be updated. I would also add more classrooms.
More outdoor furniture places to study for the students. I get sick of seeing people leaning on a wall because the benches are taken. And decrease the places that are covered in bird shit.
Update more food choice in cafeteria
Update some restroom in certain areas of the campus
Parking, needs more for students.
Later scheduled classes especially in science depts. Working people need 7 pm start times
More social areas to meet
Study spaces
WE NEED A BETTER PARKING STRUCTURE !!!!!
I would make the library bigger , that way students have more space to study and it would be quieter.
Make testing center larger. It is very difficult to schedule tests whdn needed.
The only issue I have with the campus (oceanside) is there is a great distance between certain classes I have, so I either have to park and walk far in the morning or walk far from my classroom to my car in the afternoon.
Parking
parking and safety walking to parking lots at night
I would improve the wi fi so I cld use my comp all over
I will change parking lots
better wifi coverage

parking
Provide more seating or space in the library.

Customer service in the cafeteria. Cashier clerks are not very customer service oriented.
The restrooms at Oceanside campus need work.
Some of the teachers
More areas where one can go to sit comfortably in a quiet space, as the central area of the library can get kind of noisy sometimes.
I've yet to find something that leaves me with enough dissatisfaction to complain about or require change.
The faucets on all restroom sinks. A light spray is very sufficient for washing of the hands. And paper towels as some of us brush our teeth.
parking space and directions of campus
The policy of only two hours per week of tutoring
The chalk boards! White boards are easier to read from a distance, and provide the use of color which is very helpful for many students
Parking.
Speaking on the Oceanside Campus: Parking. I think the College overlapped too many classes and not enough change over time. The parking is crazy. A two story parking garage would be nice.

Also the bathrooms nearest to the language center and sciences is always broken. The plumbing is bad and there is always leaks, therefore the floor is always wet and could be a potential hazard. The ladies restrooms behind the casher's office also has very poor ventilation. It always smells foul. I try my best to avoid going to those facilities.
Parking
Faster wi-fi
Parking lot
A few of the ladies' bathrooms on the Oceanside campus are frequently flooded, which would be lovely if it could be lessened.
This is very hard to restrict to one thing because there are several things I believe are high on the list of importantly needing change:
1.) The parking situation is bad, especially the first half of the semester. We need more parking space. Also, while I don't mind walking a reasonable distance, if I had health problems or an injury, sometimes the distance required to walk to class (especially given the terrain) would be very difficult. I don't know the solution for this latter part, but perhaps you could have a "golf cart" type shuttle for students with injuries or illnesses that make walking long distances difficult. They could provide documentation or proof/evidence of their need, and have access to use of this mini "shuttle" to get to class.
2.) There is long-deferred maintenance badly in need of fixing, far before improving aesthetic design elements. For example, the roof of the dance studio has been visibly damaged and in need of repair for MANY years, and has leaked. I cannot believe it has gone so long without being fixed. I believe the potential for additional water damage is great, especially given this being an El Nino year. Also, some of the bathrooms are in bad shape and even flood. Please focus on fixing necessary repairs before adding "luxury perks"!
3.) The buildings are showing their age in more than one way -- wearing out and falling into

disrepair, and also looking dated, dull, sterile, and institutional. Due to this, walking around campus does not feel inviting/welcoming...it feels like I'm on an old, outdated school grounds with deferred upkeep. This also gives it the impression of being economically "poor." Please address deferred maintenance first, and then brighten up the place a face lift...could start that with some coats of nice paint and a splash of creativity.
3.) The comfort of the learning environment in the classrooms could greatly benefit from improvements in the desks, which are not good. Some of the older desks are a good, useful size, but they are jammed together with no space in between, making navigation in and out of them difficult. Emergency evacuations would not be able to be executed in a hurry. I like some things about the newer desks -- movable (on wheels) and desk top is adjustable. However, the newer desk tops are ridiculously small to the point of being nearly unusable. Students have writing notebooks, textbooks, electronic tablets/notebooks/laptops, bottled water, and writing utensils. There is no way there is enough space on a desk top that is barely the size of two spiral notebooks side by side. Also, things are constantly falling off the desks because they are just too small. Whoever ordered these was not thinking. Plus the hard chairs are too uncomfortable to sit in for a 3 hour class. Please fix the desk situation to make them practical/usable, navigable, and comfortable.
4.) There needs to be space to sit outside the classrooms that is conducive to studying/reading and is out of the rain. Students have to stand outside classrooms in the elements waiting to get into their classrooms. This is not good. It would be really nice if there were both individual and group places to sit. We need both chairs (with backs; not concrete benches) and tables for this -- movable chairs would be best. And covered space so that we be out of the rain and maybe direct sun too. Standing out in the rain or in the breezeway outside the bathrooms is not nice. Sitting on concrete benches is also not conducive to studying/reading, and they are also exposed to the rain.
There are many more areas for improvement on campus, but in my opinion, those 4 are some at the top of importance.
Thank you!
Wifi is slow or disconnected
nothing
The WiFi is still really spotty and terrible. Parking is getting easier though
Private/Quiet Study area in the music tech building
Parking Location/Structure
More parking area
more short term or visitor parking near student services areas
OMG, the LADIES ROOMS! They're small, quite often dirty, and the plumbing is old.
Quiet space/room for employees
traffic system and parking
Tear down the old Small Business Development Center and pave over the dirt lot, while also repairing and painting the entire parking lot.
The Student Center
More parking!
PARKING - we need a parking structure

create a community space where students want to be here, not just attend class and leave. this of course would require more buildings and parking
Modernize it. It looks so outdated. Change the aqua-colored doors to another color.
Bring back paper towels into the bathrooms. The air dry for hands does not do its job well and it is a waste of electricity.
add more buildings for services that have outgrown their space.
Eliminate the tennis courts; repurpose that land to serving students with new classrooms/study spaces, rather than just the few community members who use the courts.
Update the bathrooms!
I understand the utility of lawns, but I think it'd be nicer and more modern to see more natural landscaping across the San Elijo Campus. Even if that means scaling back on grass lawns just a little bit, it makes a big statement that the school is conscious of pertinent environmental issues, which in turn makes the school more attractive. Other than that, I really like being a student on campus and think it is a great environment to learn.
Put paper towels in the bathrooms! It is disgusting to have wet countertops all the time and no way to wipe them down. There is no way to wipe your face or hold the door handle. It is awful to have NO paper towels and to have to use toilet paper to wipe my mouth after brushing my teeth. Bring back the paper towel. It is unsanitary and disgusting to have none!
Create a separate facility for academic TASC. Their noise level is too high for the library.
Keep Math and WC there.
Provide flexible and more study areas for students in the library; a combination of collaborative and solitary areas that appeal to different kinds of learners.
Add a Starbucks.
The Library needs more study space/study rooms for students. Currently, the only study rooms are in the Tutoring Center and tutoring has priority use of them for tutoring sessions.
Site for graduation
There are actually three things which should change:
1) Install solar panels over all parking lots and on all building roofs.
2) Completely redesign the following intersections: a) 3-way Barnard (past tennis courts), b) 4-way Glaser (next to CDC), c) 4-way behind Campus Police building.
3) When redesigning parking lots (to avert pedestrian/vehicle issues), please continue to keep the individual parking spaces large enough to allow comfortable entry/exit of vehicles and to continue preventing damage to vehicles.

Update faculty offices
The San Elijo Campus really needs a student center beyond the cafeteria space. Although it's well-used, the cafeteria does not feel like an adequate place for informal, collaborative group study and for socializing. The library tries to provide a variety of spaces to accommodate students' learning/study needs, but the library does not allow food or have group study rooms beyond the Tutoring Center. Also, solar panels in the parking lot would be a great way to generate energy and keep our cars cooler while parked (and an EV charger would be awesome).
PRACTICAL UPGRADES please, not just aesthetic upgrades

More social areas
We need more areas to sit and be able to study. Like benches, tables and chairs. Through out the campus.
Modernize the classrooms and make better signs for directions.
More parking spaces
We need more meeting spaces for larger groups, similar to what we have in Aztlan A&B. It is VERY difficult when we have All College events where we need to break the groups out into groups of 50-75.
The cost of the food at the cafeteria. It goes up every semester.
Need a new nursing building with adequate classroom spaces
Remodel the 4600 building. The building is 20 years old, musty and moldy, and in dire need of renovation. Upgrade all the computers in the 4607, 4610, and 4622 classrooms since the equipment cannot adequately run the software required for teaching. Fix the A/C in the 4600 building so the classrooms are not so cold. Students bring a jacket to class despite the 80+ degree weather outside.
The Chemistry Labs NEEDS some updating!

More study spaces that are private and noise free
Remodel the SEC Administration bldg. Smelly, A&R furniture/offices out of date,
Clean the restrooms in the classroom areas more often. They are disgusting!
Replace turf with drought-tolerant landscaping.
Longer hours at the library. Specifically in the morning BEFORE 8am classes. More secluded study spaces
More classrooms and more faculty input on tech in classrooms.
Add more office spaces
The cafeteria.
More meeting spaces for different departments; we are running out of meeting rooms :(
Hard to schedule student events; meetings.
More outdoor areas to study and relax in between classes.
Classrooms- White board aligned with slides without the metal divider, This is to avoid using the screen, so that we can write directly on the slide on the white board.

Improve projectors so they are clearer- or allow adjustment
Have a swimming pool.
Improve the worn floors and other infrastructure in classrooms, especially San Elijo 400 building and Oceanside 4500 building.
Easier access to available rooms on campus for outreach and meetings.
Too many lawns. It's a drought, people! You have mushrooms growing on the lawns because you water them so much. It's ridiculous and shameful.
I think students need a quiet study area. A cafeteria would be nice because at the CLC, we are surrounded by fast food
It would be great for our campus to have more interactive area and a gym of some sort to give our students options when they are between classes

What is the one thing on campus you would change? (Cont.)

I'd change the layout of the classrooms. Make it more technology friendly for students/staff. make the student desk/chairs more inviting.

I'd change the faculty/staff offices. Move "schools" closer to their Deans. Everyone is so scattered now.
Increase temperature in offices to comfortable level
One does not sense an active campus while walking between buildings and areas. This is probably due to distance, e.g.open space from music/art buildings to the library and other buildings in that part of campus.
The women's bathroom in the 4600 building on OC has had a leaky toilet for over a year. I've mentioned it several times to the janitorial staff during the day time. They said they've passed it on, but it still leaks. By the afternoon that bathroom is absolutely disgusting. Please, please, please, fix it soon. Otherwise I love this campus and it's facilities.
study rooms for study groups. Better access to student services
Cracked sidewalks.
Fill and fix feminine napkin dispensers in all bathrooms. I've had so many quarters stolen from me before and then was left in the cold without any tampon.
Create better driving and walking flow including drop-off areas for students.
More private rooms for studying
PARKING PARKING PARKING : IT IS VERY DIFFICULT TO FIND PARKING MOST OF THE TIME FOR STUDENTS AND SOMETIMES STAFF.
more classrooms
Expand the campus police department! It is entirely too small.
Parking
Modernization of classrooms/labs, offices, restrooms, public areas, meeting spaces and infrastructure to really create a warm, inviting, functional, high tech college
Landscape. Get rid of lawn. Create a variety of gardens; succulents, native and, other drought tolerant spaces, all with seating areas for study and relaxing.
Stream to overhead projectors from iPads.
The student population and instructor base is growing and continues to grow from year to year. Of course, there is a need for more classrooms, study areas, office space, and conference rooms.
However, the one thing I would love on campus would be for staff to have a space of their own. There is no place for staff - especially classified employees - to congregate such as a staff lounge - a place to get out of the office, away from faculty, administration, and students even if only for a little while or for a 30-minute lunch. that would be ideal.
One more area of change would be accessibility to our Wellness Center. A healthy and happy employee is a productive employee!!
Two things. Update old classrooms and add in solar panels for sustainable energy.
More conference rooms and better way to book conference rooms. Too time consuming to reserve conference rooms.

We need more fair and equal space for students in library study rooms. There is not enough quiet, private space that is shared by the services to support the growing amount of students we serve on a daily basis.
There is no room to expand more technology programs at TCI due to the building size restrictions and also lab sizes. I would find or build larger lab space and more of them.
There is confusion for guests coming to the SBDC and the Community Ed & Workforce classes. It needs separate entrances.
More parking places, not on dirt lots.
The Oceanside Campus has way too much grass to be truly sustainable. A lot of the grassy areas could be replaced with native, drought-resistant species without sacrificing any significant amount of informal, outdoor meeting spaces. Also, it appears that the college does not completely adhere to the Oceanside restrictions on when to water landscaped areas.
I would increase diversity in faculty, staff and programs offered (Ethnic Studies). As it stands over 75 % of all full and part time faculty is white. This does not reflect the current student ethnic numbers or future projections of population shifts and prevents our students from getting the kind of education they deserve. Human Resources and the campus at large must change the makeup of Mira Costa's employees to reflect these changes.
The students need a comfortable indoor lounge area with puffy chairs, couches, low tables, etc. in which they can rest/work in inclement weather.
Lighting at night and creepy crawly issues. LOTS of mosquitoes at San Elijo, in and out of class.
The cafeteria environment and the cost of food. Students have less choices and higher prices.
nothing. I like it here.
Gym needs air conditioning.
The theater needs a classroom for voice and acting classes. Using the lobby as a classroom is shameful. Palomar has been better performing arts classrooms.
parking
The one thing I'd change is making it easier to figure out where you want to be on campus and how to get there. I've only been on campus to purchase books and register for classes, which means I've driven to and parked there 5 times. Unless you know what you're looking for, you won't find it easily. It's not clear where to park. It's hard to figure out where, like the book store, is on campus and how to get to it from where you happen to find yourself on campus. Once you roam around the campus, you figure out your bearings.
computer labs
Cafeteria
I would like the long-term wifi login to work on my android device without requiring me to set up a screen unlock pin. It works fine without it on my Apple device.

Improve classroom technology and resources
Live Music @college hour
Add more space for students to work collaboratively in small rooms, especially in the Library.
Better/More parking spaces
Creating a welcoming collaborative and cohesive learning and working environment
modernize classrooms

Completely gut and remodel every classroom and faculty office.
Gym / child care
chalkboards in classrooms! Please bring smart classrooms to MCC!
Disability Access - curb cuts and walkways do not line up so you have to step into the middle of the street to access sidewalks and parking.
Fix the Gym
The outdated art buildings
Be able to open windows and doors. HVAC system not hygenic.
More Plants, grass, and trees, so it would look more inviting like the other 2 campuses
More student parking
Needs updating. Great teachers, great sense of community, but the buildings at the CLC are just outdated.
Better bathrooms (4800 and 4600, no mirrors or smell bad generally), change carpet in some spaces like faculty offices, and need updated teaching spaces/equipment to support more collaborative work in the classroom (like libraries have). Parking is becoming a huge pain for both students and staff

Parking

I would change the number of staff parking spaces compared to the student parking spaces. there should be a separate lot for just teachers because there are many times that there are no spots available for students but there are 10 open ones for teachers.
I would like more quiet study areas, park-like with views. Also, not enough parking!
Expand academic support services-more library and more tutoring hours and space
Install stairs from Pedly Park to the campus main level
ability to work in an environment where I get to have control of my own computer and its updates, can use a restroom that isn't a dirty, broken sewer, and can work in an office that has proper ventilation and heat/AC *all* the time, not just during some bogus set of hours when people seem to think turning it completely off is energy efficient (which it's not; look at the various studies).
The campus as a whole (staff, faculty, and the like) should be more welcoming to life-long learners (adult learners). Because it is a two-year institution, it seems unwelcoming to older students (such as professionals who already have degrees but are pursuing new careers).
Times have changed; learning is no longer just for young people. With regard to online courses, the instructors I have encountered treated students as if they are all fresh-out of high school - may not be engaging for mature students. Thank you for your interest and time.
Parking
Parking.
I would remove the hand-dryers from the bathrooms! (let people shake their hands out or go back to paper towels) They are so LOUD that they seriously hurt my ears, and probably other people's as well.
palm trees don't provide enough shade and I worry about them falling. aren't there other types of drought-tolerant plants that would be better?

The traffic flow of vehicles in and out of campus. The area near Pedley Park is dangerous as is the intersection in front of 1100.
more parking
Need MORE parking
Add more quiet and secluded study areas
The antiquated classrooms
update the infrastructure - new buildings

Library upgrades
I would make seating spaces outside to encourage students to hang out and study/work. There is not place for them to go.

Make more parking available and cameras
Signs directing to rooms; a sign at the front of the school on Mission Ave. - you can pass right by without knowing that the CLC is there. The electronic sign has been removed. more comfortable seating in the student lounge. A bigger study area, bigger tutoring center, a testing center.... Sorry that's more than one thing....
Update student services area.
Improve WiFi coverage. In the event of a campus emergency such as an active shooter, it seems like it would be desirable to be able to use our cell phones. As it is now, depending on the type of phone you have and/or your carrier, there is no cell coverage inside the buildings.
being on the cutting edge with technology
more convenient parking for staff
Revamp certain classes
Parking free at night class
I would appreciate more courses available at the San Elijo location.
Add more trees and available seating in the open space. Provide enclaves of groups for people to meet.
better cafeteria
n/a
N/A
Specific entry location with a welcome desk.
Parking. Put faculty/staff parking furthest away. Allow students to park closest to classrooms.
Renovation of the art studio and more focus/ specialization for yoga / health related classes. Also, more access to the nurse practioner/ health services!!! Too limited at San Elijo
Provide more parking spaces near all the buildings.
Parking. It really is bad more often than not. I would wish for there to be a parking structure. I have had a permit some semesters and would still circle a while to find a spot and I've tried showing up hour early getting a daily pass each day only to find 2 out of the 3 machines not working.
Parking

Restrooms are hard to find, make that easier with more signage or restrooms in busier areas, more access.
Earlier and later hours for the library.
Properly utilize, and increase/decrease, spaces as needed for all programs, services, and departments throughout the campus (and district for that matter).
Restrooms
Add signs pointing to the building numbers as in 3500/ cafeteria/ this direction, as one is walking up from the parking lot. Preparing cafeteria vegetarian entrees in separate pan space instead of the same place where meat is cooked.
organic food in the cafe
The 4800 building bathroom. It's disgusting and alternately smells like, poo, fast-food, dirty diapers, and outhouse. Students regularly go in and turn around immediately because they can't handle the smell.

Not sure if it's just me but I haven't been able to fully connect to a reliable source of wi-fi to study and use my computer to access my online course while outside.
You need more parking!!!
More parking for faculty and students.
The SBDC needs a reception area of its own. They are often not present at their window- which is not very visible (needs signage) since people automatically come to the Community Ed service desks despite a large whiteboard and sign directing them to SBDC. Even when they are open they often don't have anyone at their window and we have to call, or go down the hall looking for them and they don't always answer the phone. They need a reception desk to receive their people.
The space provided to Academic Support Services in the Library & Information Hub. They need more space & more quiet space specifically. They need more technology available.
Allow some place for smokers to go. I spend anywhere from 3-12 hours on campus EVERY day. I know that it's non smoking and all, but come on!
Also, the pricing of things in the cafe. $3 for a cup of coffee???? Not Starbucks y'all.
Consistent availability of Wifi and all modern bathrooms.
The Bldg 4800 courtyard. It is often not swept or maintained very well. It could use more tables & benches/chairs.
Provide more space for meetings (conference rooms)
Remodel or build a decent gym and associated locker rooms and offices.
More large trees
I would provide more two or three level buildings that encompass an interactive yet welcoming environment for students to feel they have a space and are valued as a student. Recent visits to local community colleges in San Diego county have given me clear ideas of what MCC would benefit from. Miramar College has a beautiful Student Services building that blew me away, a multiple level parking structure at Grossmont College was a definite plus. These again just some of my suggestions!
Air conditioning in gym and cleaner bathrooms
More parking for the child development center

Improve parking situation at Oceanside campus. Build multi-level parking structure.
The restrooms near the science building are in serious need of drainage and for some reason I find the 3000 building gives me horrible allergies. Maybe mold? I know I'm not the only one who has trouble in those buildings.
I would like to see the outreach of the wifi expanded to include the overflow parking lots. Also to have the wifi reach some of the beautifully landscaped study areas behind the Horticultural building. The wifi in general seems to only cover the areas directly around the main buildings but it would be nice if it had a slightly farther reach.
More bathrooms
Parking
The one thing on campus that I would change would be, to highlight the importance if recycling and environmental issues. The campus doesn't concentrate on living smarter, in order to help our planet.
I think Mira Costa should consider a dorm environment like they have at Palomar. Mira Costa is a great college and they have amazing professors. I am very satisfied with my education at Mira Costa. The most important feature for me is quality of education.
I'm not sure...
provide more space for the student services. The DSPS testing needs qualified instructor during testing, they never seem to be able to help when asked a question. The professors are qualified and answer any question or concern regarding our test. Currently the individuals we have do not. They are cold and unwilling to explain anything, also there isn't enough room for the students and with the traffic of students coming in and out is disturbing to a DSPS student and the negativity from the staff at the testing area affects a DSPS student from focusing on the test and this affects the outcome of the test.

parking spot
Have maps that are bigger so that we don't get lost.
Parking for staff
Introduce more informal gathering areas to encourage dialogue and quiet reflection/study. Sets of comfy chairs facing each other (i.e. Student Lounge), more outdoor seating options, and improved break areas for faculty/staff.
Space for adjunct faculty to hold office hours. The current space in 4606 is lovely for quiet faculty work, and the table and benches outside the room is good, but there is only one. So, if multiple instructors need to converse with students, the space is limited.
Provide better DSPS resources for students i.e. places to study, service areas, facilities in classrooms.
Create a more comfortable social space so that those who would like to spend more time on campus would be happy to do so. I'm on the OC campus, so I like how SEC has the lawn chairs, for instance, to encourage more social/study time on campus. Places other than just the library.
More conference rooms for faculty meetings - we do not have enough space right now. Also need more space for faculty to meet informally, so it is possible rooms could be designed that could be used for both formal and informal meetings. Right now we have to use Aztlan A and

What is the one thing on campus you would change? (Cont.)

B in the Student Center for any large events, but that room is often over-booked, and priority should go to students, so faculty need a place to conduct advisory committees, hold larger faculty meetings, etc.

Somewhere to heat up your own food in the cafeteria.
Bathrooms
the intersection in front of campus police - it's dangerous!
Larger and more flexible computer lab/classrooms
better signage on bldgs and large directories around campus
Cafeteria is too small, the food there isn't very good, and it can be slightly dirty at times.
More drought tolerant landscaping to show our environmental concerns for the community at large.
We need to utilize our outdoor space better. Too many small, unused patches of grass. Without seating and/or shade, they are unused.
The campus environment. Its not welcoming to minority students and students on campus don't feel connected in any way. They come on and off campus without thinking about the community of innovative individuals around them.
I would like to see more rooms available for students to get together to study or do homework.
More social areas outside to sit, meet, talk, and/or collaborate.
Provide offices for associate faculty to hold office hours. The two current locations (T432 and T433) aren't easily accessible to students.
More office space for faculty.
Faculty offices conducive to creation and editing of innovative online education materials and sensitive student discussions.
Offer more programs. Expand it to accommodate for more students
The college is running out of space, we have to start building up.
More shaded tables.
upgrade temporary buildings
More study rooms for group study
Parking. We need a parking structure.
Adding an additional dance studio
The air conditioning.
The Dean of the Campus
More access to green area north of Admin Building.
More people would know it exists. (TCI)
Offices need to be permanent buildings with hot water and more electricity
More parking
The desks don't feel clean in the classrooms. I ran a wipe over it and it was black. They need to be cleaned more to keep students healthy.

I would train the guys that work at the library and at the cafeteria. Some of them are rude.
Prices and these places and to keep clean the restrooms, I would get someone to do it twice a day.
Parking
Keep class sizes small.
I wanna have some place to eat like Starbucks, Wendy's, or something like that. And I want library to open 24hour and whole week especially weekend
Bathrooms: update and upgrade them. Handless flush handless water, soap and paper towels.
Of course more parking or just a little less staff parking to give to students would be great. I also don't care for and am turned off by the extreme gay bias and constant advertising of gay this and that. It makes me want more online classes. It's just unappealing and has given permission to an increased a sexual vibe on campus. Never good and promotes crime. I have only had 1 "in my face" problem.The problem was with 1 person in financial aide. A change that would help may be just simply holding employees accountable for their errors.
Classrooms
I would create a larger, more inviting teaching/learning center where instructors, especially part-time faculty, could prepare as well as receive support and guidance.
Accessibility to parking.
new building for centrally located student services with more room for students and staff
More parking
I would have the waterless soap (hand sanitizers) despencers throughout our campus. Especially, in the Cafeteria. Most colleges have these. Most areas where there is a large capacity for the public have these. I am surprised that we don't have them.
Parking
Some of the bathrooms are a bit run-down and dirty. I also do not like having no access to paper towels.
Parking space
Things that have been neglected for too long: Parking, Classrooms. Many classrooms are outdated. Slowly things are improving, new buildings going up, and areas that are new are fantastic. But there's still parts of campus that remind me of a 60's Elementary School. Maybe add a coffee shop and meeting/study space for students.
Parking
More parking spots are needed for both students and staff.
Restore back the Faculty Lounge in 3600 building.
The buildings need better signage. I had a difficult time locating my buildings my first week of class. There should be more campus maps when we enter from the parking lot.
Rebuild the gym.
Replace grass with native succulents
The slow wi-fi connection
I would change the environment as far as the outdoor areas being more open to gathering
I would add a rehearsal space/black box studio to the theatre.

Technology in the classrooms and student spaces
Allowing classrooms to be unlocked when classes are not in session to allow a good, clean, safe work space for students to study in. Being locked out of classrooms make it feel more like a prison compound than an inviting campus dedicated to learning.
More social areas, shaded areas.
BATHROOM NEEDS TO BE CLEAN
An LGBT Resource Center would be fantastic.
Few spaces are identified with disciplines. Nursing and BA have their space, but other disciplines have classes all over campus so it is more difficult for these departments to show their identity.
More varieties of food in the cafeteria and maybe more lights or security out in the parking lots once it gets dark just for safety
The flow of the buildings does not make sense. It's often not clear where certain offices in student services are, who you need to speak with, what line you should be in, etc.
Increase security.
More tables outside and tables inside the library to do work on
Associate Faculty need office space for office hours. Computers need to have all necessary software like SPSS, for example.
better technology in labs
Better equipped bookstore.
Parking.
Better office spaces
secluded study areas
more staff parking
The Library needs to be expanded. I have to go to the city library daily after class because the oceanside campus' library hub is not only too loud but also there are never enough desks or study areas for all the students.
Extending the hours for the Library.
Parking is limited
The concert hall is in dire need of signage...it is very difficult for visitors to find it. Also, we have no way to advertise upcoming events.
Larger space to study with access to power outlets.
Provide more parking for employees and students. Provide more office areas for employees.
Update campus buildings and classrooms.
Nothing
BUILD A POOL (swim team & water polo). Also, more emphasis on trades (Plumbing, Water Technology, Electricians, Public Works, Fire Academy, Police Academy, Paramedics, Life Guard, Automotive, Welding, Woodworking, and Craft Brewing).
Larger study areas with access to power outlets
parking difficulties
More study space.
Parking availability with well maintained lots, paved spaces.

I would like outlets in the cafeteria, similar to the set-up of Starbucks or the airport hubs. Everyone seems to be looking for places to plug in their phones and laptops (including myself).
lower prices of food
Student workers should have staff parking passes.
Parking is horrible at the beginning of the semester. I have had to drive around for twenty minutes waiting for a space to open up. I should not have to leave my house an extra half hour early just to get parking it is ridiculous. I have reached the point that I dont drive to school until half the semester is over. The faculty/staff parking areas in general are never full while the student parking areas are at, or over capacity most of the semester. It is particularly noticeable in lot 4C where the first row and the row along the east fence by the track is dedicated to faculty/staff. These spaces are rarely ever utilized and would allow for at least another twenty parking spaces for students. I would also appreciate re-striping of the lanes and directional arrows.
updated classrooms/more classrooms
The restrooms! They are unsanitary and frequently are out of toilet paper and/or out of order.
Have more parking!
Insufficient parking and access for disabled people. By access, I mean that distances between parking and buildings is prohibitive for people with walking disabilities.
Chairs in the computer lab
Have teachers that explain or teach as per the homework
Bigger library/ study areas
The restrooms at the Oceanside campus could be improved.
Mirrors in the restrooms.
Communication. There is no conversation between the people using the space and the people making decisions about it. Without this, another plan will be made without understanding how changes can negatively impact certain areas. This doesn't need to be like the last FMP.
Signage
Improve the computers and related technology in the Media Arts & Technologies classrooms. They are only two years old but crash constantly because the equipment can't handle the robust software required for instruction in that discipline.
Nothing
Better parking. I hardly ever drive, so it doesn't even really affect me. Other than that, I love my school.
More seating outside. Study area
Create a campus center for students, faculty and staff ... that's in the center of the college rather than off to one side.
More things to do
N/A

It would be nice to have library open earlier at 6am or have a study hall/cafeteria open 6am Monday through Saturday to study, do home early morning before class. Where wifi is needed.
Visible directories regarding campus services
More parking
Add more parking
one thing I would like to change is to add more parking spaces or maybe a parking structure. there is not enough space for students and staff and we hear complaints every semester from both sides. I feel that we would probably have more students be satisfied. Its ridiculous how the parking is at the campus it needs to be fixed instead of getting and remodeling more buildings we should get a parking structure instead.
Bathrooms
The parking situation is a problem. The campus closes what they call "overflow" parking, but we need it, or we around for 30+ minutes looking for a space, and end up late for class.
Parking is a huge huge issue.
more faculty offices areas with a lounge
crummy bathrooms
The classes
Nothing
more student parking
Better parking areas
The outdoor bathrooms are constantly gross. Gross floors and sinks.
Parking space and restrooms on campus often i'm late to class because I have to go across the campus to go to the bathroom.
A more readable, straight forward map and room numbers that are less complex.
Paper towels in the bathrooms and cleaner water in the cafeteria
directional signage
Needs better standard-spec computing systems, and there should be consideration for upgraded computers for higher-processing/RAM need programs in the initial purchasing process.
Old modular/"temporary" buildings need to be replaced by modern buildings housing lecture space, faculty offices and faculty conference/meeting space. Landscape needs to be transitioned to drought tolerant planting, with non-programatically important lawn replaced by natives and succulents. Buildings need to be numbered in a fashion that makes sense to the newcomer. Sustainable efforts in energy production (photovoltaics) should be installed in all major parking areas.
Club room
Cafeteria
There are so many classes that are not transferable to MiraCosta from other schools. This includes schools in the area. This is not only a personal issue but among my peers as well. Also, physically the campus is beautiful but once you walk into the restrooms they are dark and scary and always has a damp atmosphere. It is gross to have to use those facilities.

Better buildings
add parking spots for both students and staff
More/ better parking
The building numbers can be very confusing. I would change the numbers to something more natural. The numbers seem to have just been slapped on the building, because those numbers and letters were on sale at the local Home Depot.
more higher level classes
There needs to more outdoor study areas that provide shade.
Parking
More indoor study areas.
Better selection of food in cafeteria and more choices of drinks
Unsure
More comfortable study areas where quiet is actually expected and the rule is respected. The noise level in the library has really gotten out of control. I don't even bother going downstairs if I actually need to concentrate. You have to go to the edges of the room to find any sort of silence. Last I checked libraries were for quiet. It seems the really young students have no concept of respect for that.
The most help the school need is for certain classes they have online, they should be in a classroom. We as student pay the same amount of money and no one is teaching or answer any questions.
No idea at this point in time.
Clean up the walls and walkways in front of the Gym, Bathrooms, and Dance classroom. It is deplorable.
More parking spaces. Multilevel parking building.
Taking night class in 7000 building. Do not feel safe with lack of lights and walking back and forth to car in DARK
I would update the nursing area where there are more spaces to study and more rooms to have for all of the allied health programs to be at. I would also update the menu in the cafeteria. The prices are a bit too high. I would love the parking to be more accessible. It gets crazy during he school year trying to find a space to park.
More recycling bins
We need an LGBT Resource Center
Open the library on the weekends, students need access to a quiet area to study and use computers and the hours they have at the moment do not work for the students that have night classes or work full time.
Recycle bins in the classrooms
Improve WiFi on the balcony above the cafeteria
More functional classrooms (less seats crammed into a room), more usable white board space, optimized projector (HD) /screens so don't cover whiteboards. Please get rid of the tablet deks (don't work for most students) and replace with tables for two students to easily collaborate. Please all for the connection of tech to the projector (ipads, tablet PC's, etc) so instructors can roam and actively engage students in the otherwise static lecture. Classroom

What is the one thing on campus you would change? (Cont.)

needs updating and need to re-proportioned to only include chairs that fit, not # chairs to meet the lecture cap.
To put more daily parking permit kiosks
need more office spaces
bathroom
Add more permanent classrooms at Community Learning Center.
More choices in the cafeteria, allowing the cooks to cook foods they like as well. Also more outlet plugs.
For one reason parking never seems to be enough specifically at 9 am and 6 pm
bigger space in room T313 and in room 4611
I would like to see a standalone Pride Center on campus, staffed and open to faculty, studrnts, and staff.
Parking
Add glass (outdoor and indoor) displays/cabinetry for art projects by students in art courses throughout all buildings.
N/A
less grass, more dirt/gravel/wood-chips(like medians in parking lot)
Replace teaching computer station console connected to data projector.
Parking
administration
I live Miracosta Oceanside campus!
Provide smoking areas
Parking
The cell phone reception.
Add EV Charging stations.
We need an lgbt facility/organization for the faculty and students alike
Add an LGBT Center on campus. The club room gets a little loud and it would be nice to have a building and space for members of the LGBT community.
Let teachers retire that dont care about their jobs anymore
Nothing
More parking space, i hate parking far where i think someone might steal my car or damage it. I know 10 people this has happened to and that is why we need more parking that is closer to campus so bad people are deterrent from causing harm to other people's property.
Having an lgbt resource center
Restrooms.
more social
The campus being a "gun free zone" is ridiculous because no one is searched as they enter and criminal minds know that.
I love the grassy areas, but I feel like a bunch of water is wasted in the midst of an extreme drought. Also, trying to find parking if you have a later class is so inefficient despite the overflow lots.

The science labs, especially in Chemistry, are woefully outdated and rundown for a campus that aspires to be a vanguard institution.
The women's bathrooms are worn out and borderline gross.
Need better parking and circulation routes
I would really like it if religious groups were no longer allowed to set up tables and give out pamphlets on campus.
Academic offerings and services and events should better reflect the schedule of the greater enrollment of students working 9-5 jobs. You'll take the tuition just fine, but forget equal access to the above. No wonder we see so few students above forty. MCC is a community college. Not a high school.

Counter staff, administration and clerks come across a bit patronizing as though annoyed at dealing with too many high school students.

One doesn't want to feel as though one is encountering a DMV clerk. One doesn't need to be over-explained to. Nor should a collegial experience include being patronized by the administrator who imagines himself a put-upon dean of an ivy league school.

MCC suffers from a culture of administrative self-importance.

Additionally, MCC admin is overly concerned with risks leading to litigation to the extent of discouraging collegiality. See: Field trips rules and regs for adult students.

Rather than tout 'modernization' which looks like a by-word for security lighting, etc, the improved collegial experience is importantly is effected by less officious, paternal culture and a real interest in student interests.

We don't need admin to charge themselves with the duty of acting as 'helicopter parents.' Nor do we need self-serving "representation" that bases itself on a make-wrong, idea-squelching, 'whack-a-mole' make-wrong approach to student ideas and life.

Example: Where is your public art gallery regularly showing student work curated by students for students?
I'd like to suggest more space for the MLC as well as more cool spaces with outlets/usb like the new furniture wall inside the SEC library.
Parking and making the campus outside more feasible to students to study or hangout in

everything is excellent
the gym
Men's and women's locker room needs to be upgraded
I would expand the number of courses offered.
Put science lecture rooms, laboratories, science faculty offices and academic support spaces for science students all in one building.

The prices on the cafeteria food
Parking; maybe invest in a parking structure of some sort.
I love San elijo campus! It is so clean and beautiful. I really wouldn't change anything besides maybe a few big maps around campus and more outdoor chairs and sitting areas in various places.
Parking! I pay for a parking pass and most of the time end up parking in dirt/overflow lots. I'm late for class because there's not enough spaces - the roads are narrow because of how many cars are parallel parked on the side of the road. And that's if all the lots are open- when it rains and the dirt lots are closed, it's at least another 15-20 minutes looking for a space.
Everyone is trying not to be late so it makes the parking lots a free for all.
The upper gym. It needs a real redesign. Electrical is not up to code, either. Wires exposed and box covers missing.
More computer labs

Add more sitting areas outdoors for those who want to study outside.
Parking is a major issue, we need a large parking structure at the Oceanside campus.
Make cafeteria and Library larger
study rooms for students to establish study groups
Update the classrooms
Upgrade the computers in the classrooms and computer room
Parking
The landscape. There's too much grass that is not needed at all. I can't imagine how much money is spent to maintain it. There's also a lot of water intensive plants that are not needed. I recommend designing a zero scape landscape where almost no irrigation is needed and plants are native to the local environment of San Diego. I'm sure that there are teachers that are willing to help with ideas.
Windows software is pretty outdated
Updated parking areas
Better Walter to drink in better to give out ester ,,tennis courts I think thw
More spaces on campus to sit and study and enjoy the outdoors, either alone or with a few people... not with lots of tables but quiet area around campus. Also there are sections on campus where more direct pathways are needed so we don't need to walk on the grass or mulch. For example from the theater to the library. Also from career services bldg area to cafeteria. No one wants to walk up to the clock tower so everyone cuts across the grass which isn't convenient when raining, etc.. Too much unused grass as well with the drought. Love the new plantings by the cafeteria.
more table outside of the class rooms.
parking, we need more
Parking lot
The faculty needs to be better informed to inform student of important matters concerning their education and disclose pertinent information concerning their education!

Healthier food in the cafeteria and more places to study. The library is always completely full by 9AM is hard to find a table to study at.
Overflow parking should be paved
Update lab rooms
More parking
the gym and surrounding area is falling apart. Is not well maintained, extremely dirty and no lighting in parking lot. Roof tiles falling off, cracked cement everywhere and the bathrooms are third world quality.
Improve bathrooms
I would give the College Police Department a bigger building with updated equipment and space. The campus police building is small. It would be nice to see the building have an EOC that can accommodate everyone. A few offices to interviews victims. I would leave the police department where it is at because you have the EOC shed, the mobile command post parking and the stations emergency power generator for the station is already setup.

I would like to see a bigger front lobby that can accommodate visitors asking for directions on campus, people who want to report an incident and people who are waiting for someone to talk to. Right know the lobby is small and sometimes there is a line out the door. The bigger lobby would accommodate everyone.

The college police is the place first-time visitors have their first impression of the college. I think a new building, and a bigger lobby would give the impression that the college cares not, only about education, but about safety for everyone.
parking
I would give the Writing Center their own space. I see how much good work they do in their for their students, but they are so tucked away in the corner of the library. It is a smaller space which makes it difficult for them to have a space that is completely wheel chair friendly. I know they do their best with what they are given, but with all of their great work they do for the students and faculty on campus I feel like they deserve their own space, as in building or just a bigger room.
my office
The whole parking situation
Nothing
In the faculty offices, for CS instructors there are no programs loaded on the computes in the faculty offices. I would like for computers in the faculty offices to have all the programs needed for the CS instructors, because without them I can't do any grading when I am in the office and therefore I don't use the faculty offices much. I have to either go home or use my laptop and do the grading elsewhere. Very inconvenient, please change that!
Parking
my office is freezing :)
remodel worn/shabby classrooms
cafeteria

There needs to be more quiet places to study since space and seating with tables is sparse around campus.
More outdoor seating. Those red umbrella tables are nice. We should have more. Also, those chairs around the lawns in san elijo would be nice on the Oceanside campus too.
I would like to have more language classes such as korean, mandarin, etc. I would also like more social areas indoors besides the cafeteria for cold weathers.
Parking
Bathrooms need paper for drying hands NOT just a blow dryer. If you throw up all over your clothes what the actual hell are you going to do with a blow dryer its great to have that option but it is cruel to leave it as the only option. With no street parking off campus your parking situaion is unacceptable.
We need more parking at the Oceanside campus! Sometimes the dirt lot is full early in semesters, and I get to class hours early!!!!
I will change the way of giving information to the students in regards of their education. For instance, if the person giving the information does not know the correct answer should direct the students to the correct source of information needed.
We need a patron 20 minute parking by the box office. Convert a handicap space if necessary.
Close the hole connecting the top and bottom library.
Put more outdoor study spaces around and make them more comfortable. Also there computer lab chairs are fairly comfortable but a lot of other chairs in study areas or library are not.

Student Center
parking
The limited faculty/staff parking
Consistency of equipment between classrooms. Can be challenging to adjust lesson plans according to technology available.

Our department is often over crowded not providing the privacy our students need.
Provide adequate parking
The Parking - wish there was more student parking as well as staff
Gluten free options in cafeteria for those of us with allergies, intolerance.
Please update our athletic facilities.
Offer more classes
classrooms being bigger and more updated
I am concerned about access to the campus from Mission. It should have separated exit/egress for greater safety--or a wider driveway.
placement of buildings
I would be happy with more personal space inside the classrooms. Desks are literally on top of each other and there is no room for anything, and if we could get our ultimate wish....MORE PARKING!!!!

If I would have to change something on campus it would be the way the cafeteria works.
Have more healthier food verities and affordable for the for students .If I would not have to change anything I rather include more things such as more comfortable outdoor places for students taking breaks.
There is nothing that I would change.
Take out grass and plant drought resistant plants and label for learning experience.
Office hours
Longer hours in the library!
Parking garage.
Parking
caffeteria
New buildings are a must for this campus.
making it feel less like highschool.
Acknowledgement that night students exist. If technology breaks in the classroom there's no one to fix it. We get no information about what's happening on campus, no clubs, etc.
The doors on the bathrooms in the music building are very dirty.
Tear down the gym and build a new one
more chairs throughout
It would be nice to have parking with solar paneled roofs.
The Gym - specifically air conditioning and the bathrooms.
Restrooms, especially for students are positively disgusting. They need a major overhaul as well as our internet/cell service is patchy on the campus we need stronger signal strength.
Many of our buildings are musty smelling.
I would change the design of the entrance of the college to create a more welcoming feel and clear pathway to student services.
Although there is a non smoking policy on campus there are student smokers. Please create an open area where smokers can go instead of smoking in their cars or hiding around buildings.
Better food prepared at the cafeteria (new dishes)

More lights on campus and parking lot during the night classes
The restrooms need paper towel. It's disgusting to have none. I have seen women use toilet seat protectors to open the door (handles are dirty--especially with no paper towels!).
parking
I would like a Chicano studies department. Having more chicanos history, socialology, chicanos study classes. It would help develop a safer, welcoming environment in MiraCosta College. Having more resourses for Chicano\as student's who can be empowered and understand who we are. It can also help increase Chicano graduation rates.
The bushes/plants that cross over and into the sidewalks so that you either have to step into the road to move around them or get poked, jabbed, or scratched by sharp points of palm fronds or twigs or branches. Palm trees, especially the small ones, and other entangling plants and bushes should not be planted so close to a sidewalk/ walkway that it can cause

What is the one thing on campus you would change? (Cont.)

harm in any way to the people who move about the campus. The landscaping is beautiful, but is not fun when it becomes a safety hazard.
More visible signs
club room, parking and restrooms
Those new desk that were purchased they are so uncomfortable and the desk part of them never stay in place.,
Building more study rooms
I would add some indoor spaces for studying and/or socializing.
Maybe better wifi on campus, and adding more benches and table around different areas of campus?
Security is my largest concern. I suggest you look at room 406 as an example of campus vulnerability from an active emergency perspective. There is no "escape route" without breaking windows. (Sorry for sounding paranoid!)
I would add study areas all throughout campus.
Space for veterans
Update the vet center and connect Vet Center employees to the standard student services personnel. Vet Center employees are either poorly trained or disconnected with the student services, meaning their ability to help/guide Veteran students to success is minimal.
Better food services, especially on Saturday.
Increased science lab space.

I would change the school by making programs such as the honors to make them outreach to majority minority students and to make the program diverse because some students think the only reason that they do not belong the other than the GPA is the ethnic group that is majority, Non Hispanic White.
Trim up landscaping so you can see under and behind it. Less student attitudes of racial victimization, instead, integrate.
I would improve on differentthings such as being cleaner and more understanding.
nursing skills lab - moldy and cramped
More outdoor seating
Cafeteria - better food and better prices.

Additional Comments

Add shelves to bathrooms to place books while using the bathroom.
Great campus! Great people and environment :)

I could not take the online class I wanted (film) so had to take a substitution (film 106)
Let's see some more online courses available. Arranging child care can be very difficult. Late classes leaves us limited time with our children after work.
I have done . I think that the campus is and will be in good balance as the foundation is excellent. Thank you .
Classrooms are too far apart, especially in inclement weather. Parking is terrible and unacceptable. A multilevel underground parking structure is a mandatory requirement.
Miracosta in Oceanside is a great campus. However, much of the school is highly outdated and needs a complete refurbish. The cafeteria feels old and dirty, there are not enough restrooms to support the student population, many of the restrooms are outdated, many of the classroom buildings are in major need of renovation and tech improvements, and there is no gym for all of the students to be able to work out in (weights, cardio, pool etc.). The previously mentioned are the areas of the school that I see needing the most improvement. Thank you for allowing me to give my input on this matter. Hopefully any improvements will be done while I still attend.
I love the Oceanside campus. Only the bathroom in the 3600 building needs a little improvement.
- Please work on fixing the wifi so it reaches nearly all parts of campus, not just the library area. It doesn't work around the staff parking nor does it work at Pedley Park.
Please offer more Art Classes online or have independent study classes for art students to take because working full time and trying to be an Art student is very difficult.
MiraCosta has a relaxed atmosphere but it sadly does not compete with local updated community colleges and does not offer progressive technology or trade skills . The classrooms are old and uncomfortable. I sat in the same uncomfortable chairs back in the '90s. I suggest reviewing where all of the taxes dollars from RSFe are going.
Please extend the library hours on the weekends. It's not fair they are only open till mid afternoon. I know a lot of people including myself who work in the mornings and can't make it to the library before it closes. Also, we need more than one tutor in the music department. His hours are minimal and it is a large department for only one boy to take on.
Thank you for asking my opinion!
I love the recently planted fruit trees, such a great idea but We need more organic!
I want to feel safer inside of the classroom. The frequency of on-campus mass violence has me concerned. I don't feel uncomfortable walking to and from places on campus. I feel uncomfortable sitting in class with the door unlocked.
Registration and Enrollment needs to be improved
I think if on campus class is less that 11/2 hours, it should be only offered online.
I am grateful to attending your college so thank you for all you have done for me thus far.

T. Roberts
Oceanside.
MiraCosta, has changed my life for the better. The teachers, staff, and classmates have provided such a loving, compassionate, and safe environment, thank you is not enough. I don't know where I would be in life, if it weren't for Mira. I was petrified of attending college, I always thought I wasn't smart enough to attend college. I was afraid I wouldn't pass the assessment tests. The girl who checked me in told me to relax, because I can't fail the tests. They just show were I need to be placed. What a relief that was. Dr. Karen Onfrey and Stephanie Decker are the most amazing people. They both (along with every teacher, professor, and instructor) went above and beyond to help me overcome my fears of not being smart enough for college. They went above and beyond to help me succeed. I went from being afraid of going to college to become a straight A student, thus far. I was accepted into the Phi Theta Kappa honor society. I thank God for MiraCosta. Thank you all so much!!!!!
Lisa O'Neill
As an older student 49, Mira Costa College has been a great experience for me in many capacities. The few places it falls short are mostly areas of functionality and cleanliness; (e.g. cafeteria, bathrooms and casual outdoor spaces). I would also like to see more permanent signs on campus (instead of cardboard) to know where buildings are located once I arrive on campus.
Please stop increasing 3 hour block classes and make the two times a week classes more available!!!!
Thank you for letting me a part of your survey.
Build multi-level structures to preserve open space and to provide future facilities. The computer lab is an excellent resource and run very well.

I think the services offered are amazing. Like I said before, the Language Lab and Math Learning Center have been so beneficial. I would love to see a separate lab for Graphic Design/Web Design/Any MAT Course/Any Computer Science or CSIT course. Technology is the future and assistance and a separate lab for specifically that would be so helpful. Also, later hours on the weekends for at least the library. Some students don't have a home to study at or anywhere to go after their work/classes. Coffee shops close early. Even if a small section of the computer lab was open with maybe one person from faculty there for extended hours, it would be greatly beneficial to students who really need it. Currently, I drive 40 minutes south to a coffee shop called Lestats that is open 24 hours just because I don't have anywhere else to use wifi and study on Friday/Saturday or after 9pm. I'm usually only there until 10:30-11pm, but I would much rather prefer a shorter drive and to be on campus with a printer. To print things, I find 24 hour kinkos when you aren't open and Lestats, the coffee shop, doesn't have computers to use. Its a community college. Please thing of the moms, the almost homeless, the full-time workers, people working 2 jobs or have sick parents (like I do) where they require more help at home. I just need a space to do homework so I can succeed. Thank you.
If you can, I would like more people and more hours for the online tutoring. They tend to only be available during the mornings. I would like some to be in the evening.
make it easier for people to be secure at night time.

Once again, I'd like to see Miracosta expand its computer science courses to the San Elijo campus, as well as offer more higher mathematics courses at that campus.
I believe that Mira costa has provided me with resources , that I would have not find in any other college , such as programs who are interested in minority students and encourage them to pursue higher education.
Mira costa is a community College with a staff and Professor who actually care about their students and also are happy to teach , and that reflects who commited are they in the course they teach and it makes all the classes very agreeable.

Mira Costa is a wonderful and welcoming school ,and with some more updating it will be outstanding
One of the best educational environments in the country!!! Great staff, teachers, and phenomenal open spaces.
I look forward to seeing the progression of MiraCosta College. Great things are happening here!
Later start times for general Ed courses

We need better parking options
Please make the testing center larger.
The CLC needs more science teachers. Mira costa claims to have so much funding but cannot hire more science instructors to teach at the community learning center.
I spent a few semesters at Palomar College and I have to say my experience with MiraCosta is night and day. The environment at MiraCosta is so green and lively, and I feel this has a tremendous affect on my learning. The instructors I have had the pleasure of learning under at MiraCosta have been nothing but extraordinary. Professors who have really affected me are Jeanette Larson of the English department, Andrew Diaz, a Criminal Justice professor, Louisa Moon (Philosophy), and Leslie Doig of the History department. Each of these professors add personal touches to their teaching and it has greatly affected me. These are extraordinary instructors.
I really appreciate that a parking permit is $1 per day! Please continue this :)
Why can't a D be passing, darn it.

Found where to park, should be so challenging at the Oceanside campus.
I am being forced to take an online class next semester (psych 211) because there is no classroom offering of it but I NEED it to transfer! Very disappointed in the college that I ussually absolutely adore!♡
Thank you for taking the students opinions into consideration. I love attending Miracosta, all it needs is minor adjustments in my opinion. It's an amazing campus.
Parking lot is a big problem always. Food is bad and expensive. The bathroom close the gym is so dirty. Stuff, teachers, educational institution is wonderful. I love Mira Costa
I love MCC and look forward to it becoming even better by growing it into its potential.

Thank you for this survey; I appreciate the opportunity to provide the input. It would have

been nice if the questions for the "descriptive" terms included a write-in line so that we could express the answers using our own descriptive words that were missing from the choices.

Also, stating that the survey takes 5-10 minutes is misleading and WAY off base. It's a long survey, especially if real thought is put into the responses. I probably spent over an hour. I didn't mind doing it; I just would have appreciated a more realistic time estimate.
The best teachers are the most important factor for Mira Costa. i.e, Diane Adams and Kristina Nugent are the models for
your faculty!
I've been quite happy w/ my experiences at MiraCosta. Thank you!
Nice college!
Even more online courses would be great.
I've used the ladies rooms in several different buildings. They badly need updating. The plumbing is barely functional, and the maintenance (cleaning and restocking) is almost non-existent.

Many of these questions seemed geared more to students than staff. A separate survey for the students might have been appropriate.
MiraCosta is a wonderful place to work and go to school. Our Facilities Department is great and moving in the right direction.
If you want more people to come to the college and for the college to grow, there's got to be adequate parking. It's ridiculous. It used to be bad just the first few weeks of the semester, but now it's bad all semester. It's a BIG turn off.
KUDOS to MCC Facilities for doing a well job.

would love to see MCC be more organized by department for academia and to have some kind of entrance at both entrances that are noticeable. i also feel the cohesiveness and social atmosphere that athletics brings will require attention to the basketball, volleyball and soccer teams that are working hard to represent.
Thanks for this opportunity--I appreciate that you value and consider student input!
Bring back the paper towels.
Keep traditional lecture courses. Online classes can be great, but when I poll my students, there is an overwhelming preference for traditional classroom courses over online offerings.
1) Install solar panels over all parking lots and on all building roofs.
2) Completely redesign the following intersections: a) 3-way Barnard (past tennis courts), b) 4-way Glaser (next to CDC), c) 4-way behind Campus Police building.
3) When redesigning parking lots (to avert pedestrian/vehicle issues), please continue to keep the individual parking spaces large enough to allow comfortable entry/exit of vehicles and to continue preventing damage to vehicles.

Thank you for the opportunity of participating within this survey.

Additional Comments (Cont.)

Thanks for soliciting Staff input for this important project. I just want to reiterate that while the San Elijo campus is amazingly beautiful, clean, and has a really nice "small town" feel, we are sorely lacking in informal spaces for all people on campus, but especially for students. The Library has come to serve as that space, and during busy times, it is bustling like a student center. This is excellent for many reasons, but our ability to serve as a social space for students is limited given that we also have so many students in here seeking quiet study. Given that we cannot offer group study rooms with the current design of our building (but hopefully will be able to in the future!), a student center which allows students to eat and drink while working collaboratively and/or socializing would be of great benefit to our campus community.
We leaders need to insure that the Bond measure passes. We need to up date our campus. It looks like 1950!
MiraCosta is a great school. Any change away from academics would be a mistake. The professors seem to be interested in the success of their students. I recommend people who are interested in returning to school to attend MiraCosta because of their focus on the individual student.

Any space added needs to be functional and have to the ability to grow and change as the needs of the college change.
Improve the quality of tech in the classrooms, and seriously, get rid of the grass!

I'd like to see solar energy incorporated into any new construction on campus.
I would love to see more money put into the CLC. The students would definitely appreciate it.
PARKING
Beautiful campus. However, I would love to see the campus police department extended. The design and layout could use an update, and could be a little more professional.
MiraCosta needs a huge amount of updating and modernization in order to present classrooms, labs, office spaces, gathering spaces and public spaces that we can be proud of. We need more classrooms and better furnishing inside the classrooms. We also need more fruit trees. Lower cafeteria prices and less down time between meals.

The Oceanside campus is showing its wear and tear. Although there are some areas of campus that have been addressed and updated such as, most recently, the 3500, 3600, 4700, and 4800 buildings, there are still many buildings that need a lot of attention such as OC4500, OC4600, OCT300s, OCT400s, OC7000, and the gym. These areas of the campus are in disrepair and in need of much remediation. I know there are plans for some (or all) of them to be addressed in the future, but as I see the buildings crumbling before my eyes, it is a concern, at times - especially with the possibility of heavy rains heading our way this winter - that these particular areas may not hold up to the elements.
MCC seems to have plenty of space for student services, but I can't get some of the classes I want because there aren't class rooms open at the times I need to take them.

Miracosta must join the rest of academia in providing courses and programs of interest and benefit to all the communities it serves. It also needs to be more efficient in hiring more diverse faculty and staff that reflects all the populations that it serves. When the happens Miracosta will be greater and better then most other colleges.
Although there is always a place for traditional theory and lectures, I believe the future requires much more hands-on technology to train the workforce of the future. The spaces need to be developed with this in mind.
I love it here. :)
I hope the next Master Plan is more inclusive of the arts.
fix the bathrooms! they are unhygienic.
the parking areas are fragmented and do not accommodate the areas they are supposed to feed.
install adequate signage to get to classrooms or get a good MiraCosta App where you can type in the classroom number and get directions on how to get to the room and where to park. fix the weird cafeteria-food service space. Get a professional company to design the AV systems in classrooms to provide board space in the middle of the room and screens off to the sides or the middle if desired. Make all classrooms flexible and open.
Overall, MiraCosta is a wonderful college, affording opportunities to a wide variety of people. I think it's a great school and I anticipate that my kids will begin their college careers at MiraCosta. MiraCosta is the perfect transition to a traditional 4-year university, both financially and academically.

The Writing Center was the last support service developed; consequently, it's space if inadequate. While others use large tables and have private rooms, students at the WC share small tables and have no room access. The space needs to expand and yet the Library is finite.
Prefer lecture over online format.
Why no mention about a child care center at the San Elijo campus?
Departments that should be working together in collaboration like music and Media Arts are in completely separate spaces. Film and Video equipment that are in the theatre are not accessable to Media Arts students. College Equipment should be available for all students not just select groups.
We need to have an effective planning & strategy to improve our retention rate for both students and employees (classified & faculty); we also need to reduce our expenditure on the furniture for offices (we need our offices to be equipped with functional ergonomic furniture, but not with the high end luxury expensive furniture); our budget needs to be spent more wisely to benefit all of us as an educational institution.
We have such a beautiful campus, but theres still detailed work to do and that presents its own set of issues and problems. Please find a way to make it easier (for student/staff/facilities) to find out about these issues and alleviate them quickly and efficiently. Parking around campus is limited and extremely difficult at times, that seems like a much bigger issue but something we need to address and solve soon as our campus continues to grow! Keep up the good work though, landscaping and cleanliness on campus is superb, best I've seen of many college and university campus's
None
Those ridiculously expensive Dyson hand dryers are a waste. With no towels available, the number of people I witness daily *NOT* washing their hands because they can't/won't wait for a dryer (or they're broken - often) is frightening. They're not all going back to a classroom or lab that has a sink so apparently hygiene isn't a major consideration any more. Is *that* good for the public health and our campus community?
I initially selected Mira Costa because of the relative low fees of the Yoga Teacher Training program. It has exceeded my expectations and is a fantastic program with outstanding content. The campus is wonderful and close to my home here in Encinitas. I also utilized the free 6-session Psychological Counseling service at the Health Center, and it is a fantastic resource for all. Thank you.
Thank you for the opportunity to voice my concerns. As the district still has buildings from the mid-60's, serious discussion should be to modernize every building older that 10 years. We are the Jewel in NC and really need to think that way!! There are so many things we do well, but the environment has to be updated and make it more inviting. Consideration for a conference center than can house graduation and also serve as a community asset that can generate revenue as a rental location for other entities to use. There is no facility like that around here.
the cafeteria needs to be updated and cleaned, food could be cheaper and healthier.
students need more space to collaborate, student center needs a remodel.
It would be nice if something could be done about the unpleasant smell that sometimes emanates from the 400 Building at San Elijo campus. Supposedly this is a sewer problem, but it can make teaching and learning in there difficult at times.
I am taking my first on-line class this semester. I find it somewhat impersonal but I know it is the "wave" of the future. I graduated from Cal Poly San Luis Obispo and like the "hands-on" approach better.
MCC hopefully finds the right blend of traditional learning as well as other methods. For example one needs to attend studio art classes to receive guidance and inspiration of fellow students as well as in the yoga classes. It is essential to communicate and make a connection between other students and faculty members!!! YouTube art/ yoga videos only go so far as while they increase learning and can be used as a tool, nothing can substitute for the human connection of fellow students, teachers and the energy that transpires when brought together for a common goal of learning!!!
Sometimes it's hard to find parking spot.
Make MiraCosta more awesome!
I wish their were more gluten free foods offered in the cafeteria.
Miracosta college is the best!
All the changes have made the campus more accesible, the pace picked up because of the online process alternatives. I am a happier student now!
Unfortunately, I think this survey was written in a manner that skews the result. Why do I only have a few options of words to choose from? Why can't I add my own?

I don't have many complaints besides the troubles I've had accessing the internet. Perhaps the computers in the classrooms (at least the one's I've been in) could be updated for the teacher's sake but over all the campus feels clean and open and relatively safe.
Can't attend class if there is nowhere to park.
As I stated before many of our local community colleges have made great improvements by renovating and building new structures to benefit their student demographic. I recommend you take a look at some of these great additions.
Clean bathrooms are hard to find on campus.
Air conditioning in the gym is vital to the health of the students enrolled in activity classes. This fall it was 90-100 degrees in the upper gym.
Drinking fountains around campus would also be appreciated. Thank you!
I love Mira Costa College. Originally attended in 1999 after graduating high school and now I'm back, 16 years later, preparing for a career change. I found MCCC a friendly, diverse and well staffed experience both then and now. Thank you for keeping the teaching standard so high, while maintaining the low tuition fees!
More parking
I have wonderful things to say about all my professors. When you attend a college your education is the most important element and Mira Costa does a great job of hiring their staff. Thank you
Although space is important, we need more qualified staffing in the testing area that can answer questions or concerns. We also need the testing to have partitions for privacy, and help with the distractions when students enter continuously. DSPS and EOPS do need more space. They are both extremely important to all of the students that need their services. The library and learning center are perfect in ever aspect. It is unfortunate that the regular students do not utilize the facility to its flu potential. Over all the majority of the professors go above and beyond the call of duty. The majority of the faculty also go above and beyond their job discretion. Thank you.
We need more classrooms and conference rooms available. We also need more staff (and student) parking.

Microwaves or ovens accessible to students.
Students need to be encouraged to take on campus classes where they can get the benefits and synergy of learning together and interacting with others. There is more to getting a degree than a piece of paper.
We have a wonderful horticulture department without any presence on campus. The design department has been displaying their work and it should be used an example to showcase student projects. The grass areas are beautiful but we are in a drought and we should be more contentious.
The faculty at miracosta are great for the most part but the individuals involved in administration need to step up and be considerate of the minority groups on campus.
The women's restroom is a bit to be desired. It's worse than the parking because although both are too small to accommodate the intended audience, the parking lot has plenty of fresh air and does not always smell. I HATE using the restrooms at school!

As associate faculty, I utilize the cafeteria during my breaks. Often times the line at the ordering area (hamburgers, sandwiches, etc.) gets backed up and many students don't have time to wait. Can the staffing or space be increased during this time? I would also like to see more electrical outlets available for charging (as mentioned in a previous comment).
Please remove the staff parking from lot 4C. There is no need to have 20+ staff only spaces while lot 3E is never more than half full.
The landscaping on campus is beautiful. Would like to see more attention paid to the restroom facilities. The restrooms do not need to be fancy- but clean, well stocked, and functioning.
Are you grouping all non-traditional lecture classes as online? And on-campus classes as traditional lecture? Also, I indicated faculty when I started this survey but many of the questions were clearly geared towards students. A number of the questions/prompts were vague. Fingers crossed that you are better at architecture than data gathering.
It would be a great improvement to the office environment if the internal office temperature weren't so cold. Nearly every office has a space heater that runs summer and winter because the internal temperature is too cold. Seems like a colossal waste of energy.
I greatly enjoy attending Mira Costa. I wish more Hybrid course were offered. The flexibility of these classes allows full time workers like myself to attend college
Parking situation need to be addressed! More spaces for more students!

I love the Oceanside campus so much. I wish I didn't have to transfer ever!
Sustainability should be driving all future decisions relating to the facilities master plan.
N/A

One of the biggest issues is the parking. If you have class later than 10am it is difficult to find parking. It is even worse after it rains.

Please add more comfortable seats to study/sit at...
Make sure teachers are not giving too much homework at once... its a little ridiculous
Online classes should be cheaper and optional to the student.

Do not discount traditional methods such as lecture. Young people may think they want technology or home-based learning but my experience has been that they lack the initiative. Remember who your population is as a community college; a large percentage of students are the lower performing high school students. Your "job" is to engage them and get them excited about learning. You cannot do that through a computer screen. I hope you are not considering adding more online classes and less in person. Then you will seem like a less expensive version of Phoenix or some other online colleges. Technology is not the answer to everything. I say this as a student about to graduate. I love MiraCosta. Do not pour resources into silly projects before making sure you have great staff. Everything else will come.
Improve Parking accessability
Need lights near 7000 and

Attending MiraCosta has been a very good experience thus far. Thank you for your efforts to make this college the amazing place it is!
In general Miracosta is a good option. Teachers and tutors are always available to help us.
fix the classrooms-give students elbow room. hire a pro to setup the rooms so there is a good line of sight and teacher/board/screens are viewable by everyone. Fix the bathrooms-dump the Dyson Blowers-can't fit hands in them. Men's room floors are covered in urine under every urinal. Faucets don't stay running-unhygienic
I think it is a shame that we seem to be eliminating classes such as Sensory of Wines or Beginning Guitar, as they have been deemed not required for transfer. Hopefully there will be discussion of how those, and other similar courses, can be re-introduced.
I am classified, adjunct and a student.
There are no real designated areas for employee breaks. And the surrounding traffic around the campus makes it almost impossible to go off campus for breaks and be able to return in adequate time. I hope there are hand sanitizer dispensers on the campus in the future. At least in the Cafeteria, and Library. Also, I think sensor operating toilets and water fountains int he restrooms are terrible ideas. When the power is out, they virtually do not work. Which make us unprepared for a disaster if we are the campus designated to accommodate the masses in time of a disaster.
MiraCosta is a wonderful place to work. The employees are happy and positive. Thank you!
Get some restaurants in the camps
Many students in my evening (science) classes are career change students who are returning to school and work during the day. Speaking of technology, I'd love to see MiraCosta beef up offerings of ONLINE lecture courses with a CLASSROOM lab component to make it easier for us to get to evening labs without having to take off work early to arrive in time for a 5:00 lecture.

I like Oceanside Campos, it is clean and many open spaces. Good learning environment. But in some ways,some the classrooms are kinda old. It is ok for me as long as they the instructors are professional!

It would be nice to not have to fight for parking, especially on the first week of school. Plus taking classes so late at night, 9:50pm, I want to be able to park close so I feel secure walking back to my car. It would be nice to have more tables inside the library or another designated building for students to lay out their books and work on homework and projects. The library has limited tables and the desks feel small when you have 2 or 3 books you need open to work on a project.

There is a shortage of staff parking near the music/art building. The music/art building is in need of upgraded projectors for most classrooms. They were part of FF&E funding and have not been updated.
BUILD A POOL. Mira Costa is next to the ocean. We should have the best Swim Team, Water Polo Team, Surf Team, and Lifeguard Training program of any junior college in California.
Anthony Nguyen

Additional Comments (Cont.)

MiraCosta College is conducive for learning.
More vegan options.
I would love to hear feedback as to when the nursing building will be done and if it is in the works.
We need a location for the STEM center for science students. There is no room in the library for this, when done to scale, so we need a plan (classroom to convert?) to re-purpose a space or space in future construction near Science labs.
Need to have visitor parking by the admin building; I was there on Nov 3'15 and have noticed the lack of visitor parking.
Please take care of the parking
Seriously. A Pride Center would serve EVERY DEMOGRAPHIC on campus.
Every Professor at Mira Costa should post Student Grades, Homework, and Announcements on Blackboard
My favorite color is blue.
I'm very happy to attend Miracosta college.
Get a cell tower or make the wifi actually work please. Survey a lil too long.
Why are you trying to conserve electricity/water etc., but have auto flush toilets that flush 3-4 times on their own...not very conserving.
Why doesn't the college save money by having a 4 day work week in the summer like other Orange County campuses do.
So far I love Mira Costa College. But I feel this school needs to improve the social life inside of the campus. We need to do more activities where people can come together and have fun. We understand that it's college and we're all here to learn, but sometimes people just want to have fun and enjoy company to reduce stress from home, work, and even school. So if Mira Costa had more fun/social events this school would grow in reputation and demand to go here would increase.
Love all areas. However, restrooms need improvement now.
You can't be all things to all people. Don't try to satisfy the least common denominator.
I live in Ramona, and I enjoy the atmosphere enough to battle the rush hour traffic on the 78 everyday! Although, I feel like sometimes, the most effort isn't made to keep the library QUIET when many of us are trying to focus.
This survey looks like a bid to throw down buildings on campus open spaces. I don't advise it. MCC's open spaces are what distinguishes it from nightmares like City College. Please don't pretend this survey is anything but the transparent excuse for 'community input' before firing up the dozer blades.
Grateful for Miracosta and I love the direction the athletic programs are going. They need more money and more support.
We need a STEM/Science Academic Support Center. How did we ever get a writing center and a math center and completely ignore the creation of a science center?!
The college offers Saturday classes, but none of the offices are open. Disabled student services should especially be open if classes are scheduled! I am note taker for 2 disabled students but I have to return to campus every Monday to go the the DSS office

As an instructor, I recently needed the facilities staff's assistance. The lady at the reception desk inside the office was EXCELLENT about getting my key fop updated for one of my class rooms. SOOO helpful and courteous. And then one of the men in the office accompanied me to my class room to make sure it was opened. Wonderful folks and I am sorry I do not have their names to praise them personally. Thank You!!!

Fix the parking issue, it takes me forever to find a space to park.
Thank you
Please redesign your landscape for a more sustainable tomorrow. At least replace the grass for turf... Do something! Not add some desert plants and put a fence around it... Get s better designer. Adding boulders would be s great idea. Cobblestone are great, not like the other boulders that were placed by the cafeteria. Hideous. Replace your designer. Seriously. It's 2015, let's make miracosta more sustainable!
I would love to have a gym that is accessible to students. I would work out every day I'm on campus. Good for our health and for reducing stress while studying or taking exams.
I first attended Mira Costa College in 1970. I have always loved the open spaces on campus, and the ocean view. Mira Costa has changed and has managed to stay intimate.
Student are being overwhelmed and aren't properly prepared in high school and need a balance to succeed!
I think all your questions should have a n/a option. I found some that didn't apply to me but I was forced to give and answer that might sway your survey in one way or another.
You guys need to fix the parking ... I was late 10 times because of no parking
it would be nice if the campus police building was a little more noticeable and not just a little building on the outside campus.
concerned where the tax dollars are being spent. Campus is old and in need of repair. School is behind in technology and trade classes are dwindling. I am considering transferring to Palomar since they offer a wide variety of trade classes.
I know for myself, I have tried online classed and self-pace classes. They really did not work for me. They are good for a lot of people. There are people like myself, that like to be in a classroom setting, talking to the teacher and other students. Making friends and getting new ideas. For someone like me self-pace classes out not work. I can do online. I mush prefer the classroom setting.
The bathrooms are really hard for me to go into because they are always so gross and constantly wet all over the place. They really need to be fixed.
Love to teach here at MiraCosta and love to motivate and inspire students for learning.
The cafeteria needs to be cleaner on a regular basis. More healthier choices, salad bar, grill choices need to be better.

Online classes can be an occasional option that provides some flexibility for students, but there is nothing that compares to on campus meetings and instruction. We are stewards to our community and we need to continue to provide opportunities for students to engage with and work with one another, not to just spend time in front of their computers. We have to ask ourself what kind of citizens we want. Our students often are locals - and we need to produce the kind of students that will become the kind of people that we want in our community - engaged people that can work with one another - not people who work better isolated behind a computer.

I learn best in live classes. I love the campus- it's beautiful with great views. I hate stressing over trying to find or waiting to park...
I've worked on campus as a temp for 8 years. I've taken 20 units during this time and have also had my child in the preschool. Very nice, clean, efficient campus. It is open to moving forward to accommodate the needs of the students. Thank you.
San Elijo campus has a good chef, especially for a college cafeteria and the staff are amazing. Also the ladies that work at the information desk are wonderfully helpful and patient. I really enjoy the smaller feel of that campus. And LOVE The free tutoring services
I really enjoy being part of Mira Costa College. I'm only on campus once a week but I always feel welcome and I love that the music program is so well supported by the college.
Adding EV charging stations to parking should be a priority
In addition to parking, please improve the number of available computer classrooms. It is ridiculous that there are so few available computer rooms on the Oceanside campus. Additionally, it also not helpful that each of the computer classrooms do not have at least 35 computers in them.
Parking is a major problem - enough of a problem to maybe find another college. It wouldn't hurt the the college would spend some money to help out the horticulture department (fixing broken items in greenhouses, etc.). Hard to learn if the material is broken and not usable.
Attending MiraCosta College is one of the best things I have ever done. I look forward to the what the future holds for MiraCosta College!

If you really want to improve the student experience at Mira Costa you would seriously look into the Bookstore. I will NEVER purchase textbooks from this store if they are available anywhere else. They are beyond overpriced, and returns or rentals are outright ripoffs.
Miracosta is a great campus that offers many good things for a students but I also think that there should be some changes regrading to offer additional help for students with books, future planning on careers and jobs, and health and food.
Thanks for allowing me to provide my input. :)

Find space to build additional classes. Hire more information technology teachers capable of teaching advanced classes in that field. Make it mandatory for all teachers to show the video " Did You Know " that has been shown in some classes. Double or triple the current number of tutors available. In short have the students that are graduating with an associate degree and can't afford to continue in 4 year college be prepared well enough to be hired in the present environment.

Because I work, I attend night classes or take them online. I think there is a fairly large group of night students but we feel we are "invisible" to the college administration.

i enjoy my time on campus, Lectures are very important to me, it helps me, quite a bit in the area of my study. I am thankful for the chance to attend this collage! thank you!
More space for kinesiology classes would be appreciated by students and faculty.

Please bring back paper towels.
Miracosta is one of the best colleges in my opinion. Very welcoming and classes have great quality.
More online course options.

I love Mira Costa, it has been an amazing campus to attend and I love everything they offer and I wish I could stay here forever but I know soon I'll have to move on to a new campus. I'd like to see more "travel-related" course opportunities. For example, credit for students to visit Washington DC, NYC, or other important destinations related to student majors. I'd live to teach an outdoor natural science course that meets each saturday or sunday at a different regional park to study geology/biology/water resources, etc. I think it would have a packed enrollment... No classroom necessary!
Mira Costa College in Oceanside is already an amazing campus, with new renovations it will exceed student expectations!
MiraCosta is a fantastic college but the facilities are falling behind its own success.
Love Mira Costa. Wish the campus newspaper wasn't so slanted to the left. Love the landscaping. Love the library.

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12.0 Appendix Reference Documents

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Reference Documents

The following documents were provided by the MiraCosta Community College to the design team for the purposes of informing the Facilities Master Plan Update process:

2011 Master Plan

- 2011 CMP Document Low Appendix
- 2011 CMP Document Low
- 2011-05-06 MCC Preferred Options
- 2011-08-15 MCC Draft Facil Recs FINAL comp
- 2011-08-19_MCC_DraftFacilRecsALL-COLLEGE-DAY
- FMP Project List and Phasing 11-20-13
- MiraCosta CCD_2011 CMP_Final Draft_102511

2012 FMP Budgets

- CLC ROMBudgets 2012-07-18
- OC ROMBudgets 2012-07-18
- ROM Budget District Roll Up
- ROM Budgets
- SEC ROMBudgets 2012-07-27 HMC revised

2012 FMP Phasing Plan

- Demo and Phasing Collage MCC_2012.11.14_Final
- Demo and Phasing Collage_CLC_2012.11.14_Final
- Demo and Phasing Collage_San Elijo_2012.11.14_Final

2015 Educational Master Plan

2015 FMP Phasing Plan

5 Year Plan 2015-16

- 2016-2020 Facilities Plan 6-10-15 Charlie Final for Board Workshop
- 2017-2021 Facilities Plan 6-15-15 Final
- 2017-2021 Facilities Plan 6-24-15 Final
- Facilities Plan 2016-2020 Tom's Revision 6-10-15
- MiraCosta 5-Year Plan Statement June 2015R2
- MiraCosta CCD-Five Year Construction Plan (2017-2018)
- MiraCosta_Instructional_Building_I_IPP_6-11-15
- New Student Success Support Space Description

Reference Documents (Continued)

Access Control

- Access Control Buildings
- Access Control Capabilities - MCC
- ASSA ABloy POE Reader screen shots
- Creating Access Levels in Onguard
- Global I-O
- Keystone
- Lic
- OnGuard
- Running a Report using Alarm monitoring

Accessibility Info

- AccessibilityWalkThroughDoc
- ADA_ABR 2011 Study - James Austin
- MCC-ADASelf-EvalReport

Allied Health Facilities Condition Audit 2015

Aerial Images

As-Built Drawings

Athletics

- **Athletics at MiraCosta College (2)**
- **Board Responses Facilities 6 16 11**
- **AthleticsDeptCost_Nov2015-v2TomR1**

Black Books

Bond Budgets By Campus

Bond Photos

Building Standards

- Cut Sheets
- access_control_standards
- Bosch Intrusion Components
- MCCCD Building Design Standards Feb2013-Vol-1
- MCCCD Building Design Standards Feb2013-Vol-2
- MCCCD Building Design Standards Feb2013-Vol-3

Call Boxes Maps

Campus Maps

Reference Documents (Continued)

Cap Load Ratio

Campus Maps

Cap Load Ratio

Centralized Irrigation

CEQA

Civil - Campus Base Files

Coastal Commission

Equipment Inventory

Facilities Condition Audits 2012-2014

- Definition of FCI
- FCI 2012 _Report
- FCI 2012 Facility_Executive_Summary
- FCI 2012 Survey_Detail_Report
- MiraCosta Allied Health - Final Assessment
- MiraCosta Dance Studio 5100 - Final Report_9.23.14
- MiraCosta Gym 5000 - Final Report_9.23.14
- MiraCosta Locker Rooms 5200 - Final Report_9.23.14

Facilities Org Chart

Facility Assessments

- MCC_Allied Health Report_March-17-2015
- MCCCD 5 Yr Plan Gym Option Cost Estimates
- MCC-OC-1000 (Administration) - New Floor Plan R6-2-15
- MCC-OC-1000-RS (Administration) - New Room Schedule r6-2-15
- MCC-OC-4700 (BldgX3) - Sheet - MCC-OC-4700 - Floor Plan
- MiraCosta Allied Health - Final Assessment
- MiraCosta Dance Studio 5100 - Final Report_9.23.14
- MiraCosta Gym 5000 - Final Report_9.23.14
- MiraCosta Locker Rooms 5200 - Final Report_9.23.14
- MiraCosta SBDC - Final Assessment Report_11.25.14

Reference Documents (Continued)

FCI 2015

- FCI 2015 Facility Executive Summary (optimized)
- FCI 2015 FCI Report
- FCI 2015 Survey Detail Report

Floor Plans

- Oceanside Campus
- San Elijo Campus
- Community Learning Center
- TCI Career Institute

Fusion Data

- Cap Load Ratios 2015
- MiraCosta CCD-Report 17 (2015-2016)

Gym Capacity Information

MCC Branding Guide

Office & Workstations

- 09-10OfficeInventory
- Main Worksheet Employees by Division Fall 15 LETTERS COMM SEC
- MiraCosta - Office & Workstations_Existing Conditions Analysis

Parking Lot Assessments

Restroom Count & Descriptions

Scanned Legal Documents

Signage Program

- MCC Signage Program Colors
- MCC Signage Program
- Sign Types 4 & 5-Locations
- Sign Types 10 & 11-Locations
- Signage Update OC Campus

Staffing Plan

Topographic Maps

Reference Documents (Continued)

Utility Accounts

- Utility Accounts - MiraCosta College 2014
- Water Usage MCC District Wide 2010-2014

Water Conservation

- City of Oceanside Meeting Agenda 6-16-15
- Fact Sheet June 2015
- MCC_TurfGrass_IrrigationData_6-15-15
- MiraCosta and the Environment 1-18-09 Board Draft 1
- Press Release - Water Conservation

Water Usage 2010-2015

- Raw Data
- Water Use Data