



California State University
MONTEREY BAY

Master Plan Guidelines

2022



TABLE OF CONTENTS

1	INTRODUCTION	1.1	5	LAND USE	5.1
	Organization of this Document	1.3		Introduction	5.2
	Project Teams	1.4		Goals	5.2
	Planning Process	1.4		Background	5.2
	Campus and Community Engagement	1.6		Recommendations	5.7
				Land Use Plan	5.8
2	PLANNING CONTEXT	2.1	6	OPEN SPACE FRAMEWORK	6.1
	Campus Location and Regional Setting	2.2		Introduction	6.2
	The CSUMB Campus	2.2		Goals	6.2
	Regional History	2.4		Background	6.3
	Fort Ord and CSUMB History	2.4		Recommendations	6.11
	Regional Development	2.8		Open Space Plan	6.12
	History of Campus Planning and Development	2.10			
	Sustainability at CSUMB	2.14			
3	STRATEGIC DRIVERS	3.1	7	MOBILITY	7.1
	Strategic Drivers	3.2		Introduction	7.2
	Master Plan Vision	3.7		Goals	7.2
				Background	7.3
				Recommendations	7.13
				Mobility Plans	7.15
4	PROGRAM	4.1	8	WATER SYSTEMS	8.1
	Introduction	4.2		Introduction	8.2
	Background	4.2		Goals	8.3
	Program Development	4.3		Background	8.4
				Recommendations	8.14
				Water Strategies	8.16

9	ENERGY SYSTEMS	9.1
	Introduction	9.2
	Goals	9.2
	Background	9.3
	Recommendations	9.10
	Energy Strategies and Technologies	9.12
10	DESIGN THEMES	10.1
	Introduction	10.2
	Architectural Design Themes	10.2
	Landscape Design Themes	10.14
11	SPECIAL AREA PLANS	11.1
	Introduction	11.2
	Main Quad	11.2
	Divarty Mall	11.6
	Inter-Garrison Road	11.10
	Athletics and Recreation District	11.14
12	IMPLEMENTATION STRATEGY	12.1
	Introduction	12.2
	Master Plan Next Steps	12.2
	Capital Improvement Projects	12.2
	Recommended Supplemental Plans	12.2
	Additional Recommended Plans	12.5
	Recommended Updated to Existing Plans	12.5
13	MASTER PLAN MEASURES	13.1

FIGURES AND TABLES

Figure 2.1: Regional Context	2.2	Figure 7.8: Vehicular Circulation	7.19
Figure 2.2: 2017 CSUMB Campus including East Campus	2.3	Figure 7.9: Transit and Shuttle Circulation	7.21
Figure 2.3: 2017 CSUMB Main Campus	2.7	Figure 7.10: Proposed Bicycle Circulation	7.23
Figure 2.4: 2017 Regional Development	2.9	Figure 7.11: Proposed Regional Trail Connections	7.24
Figure 2.5: 2004 Campus Master Plan Illustrative Plan	2.11	Figure 7.12: Proposed Pedestrian Circulation	7.27
Figure 2.6: 2010/11 Campus Planning Study - Divarty Mall Concept	2.11	Figure 8.1: Existing Water System Map	8.5
Figure 3.1: Sustainability Priorities	3.8	Figure 8.2: Existing Sewer Collection and Transmission	8.7
Figure 3.2: 2020 Illustrative Plan	3.11	Figure 8.3: Storm Drainage Watersheds	8.9
Figure 3.3: Bicycle and Pedestrian Path Rendering	3.12	Figure 8.4: Existing and Proposed Total Water Demands	8.10
Figure 3.4: Inter-Garrison Road at Fifth Avenue Rendering	3.13	Figure 8.5: Water Model Output	8.13
Figure 3.5: Residential Neighborhood Rendering	3.14	Figure 8.6: District Non-potable Water System	8.15
Figure 3.6: Divarty Mall Rendering	3.15	Figure 8.7: Proposed Water Distribution System Map	8.17
Figure 5.1: 2017 Existing Building Uses	5.3	Figure 8.8: Building/Site Scale BMPs	8.19
Figure 5.2: 2017 Existing Buildings Conditions	5.4	9Figure 8.9: Proposed BMP Framework	8.20
Figure 5.3: 2017 Main Campus Land Use Plan	5.9	Figure 9.1 Historic Main Campus Annual Energy Use	9.4
Figure 5.4: 2020 Overall Campus Land Use Plan	5.11	Figure 9.2 Historic Campus Energy Use Intensity (EUI)	9.4
Figure 5.5: 2020 Building Use Plan	5.13	Figure 9.3 Historic Main Campus GHG Emissions	9.5
Figure 6.1: Existing 2017 Elevation Map	6.6	Figure 9.4: Completed Campus Energy Efficiency Projects	9.6
Figure 6.2: Open Space Types	6.11	Figure 9.5: BAU Electricity, Natural Gas and GHG Emissions	9.9
Figure 7.1: FORTAG Plan	7.5	Figure 9.6: Building Systems Energy Performance Targets	9.13
Figure 7.2: TAMC Multimodal Transportation Corridor	7.5	Figure 9.7: Low Energy Building HVAC Strategies - Heat Pumps	9.14
Figure 7.3: Campus Commuter Survey Mode Split (Fall 2017)	7.6	Figure 9.8: Low Energy Building HVAC Strategies - Radiant Heat/Cool	9.14
Figure 7.4: California State University Parking Ratios	7.7	Figure 9.9: Forecasted GHG Emissions from Energy	9.16
Figure 7.5: Existing Transit Serving the CSUMB Campus	7.9	Figure 9.10: Borehole Thermal Energy Storage (BTES)	9.18
Figure 7.6: CSUMB Community Bike Map	7.11	Figure 11.1: Main Quad - Plan	11.3
Figure 7.7: 2016-2026 Mode Share Goals	7.13	Figure 11.2: North-South Section of Main Quad Looking East	11.4

Figure 11.3: Divarty Mall - Plan	11.6	Table 2.1: CSU System-wide Sustainability Policies	2.14
Figure 11.4: Divarty Mall at Building 506 Looking East	11.8	Table 4.1: Student Enrollment (2016-2017)	4.2
Figure 11.5: Divarty Mall Rendering	11.9	Table 4.2: Faculty and Staff Headcount and FTE (2014/15)	4.2
Figure 11.6: Inter-Garrison Road - Plan	11.10	Table 4.3: Existing Campus Academic and Residential Space	4.3
Figure 11.7: Inter-Garrison Road Rendering	11.11	Table 4.4: Existing Planned Capital Projects	4.4
Figure 11.8: Inter-Garrison Road at Fifth Avenue Looking East	11.12	Table 4.5: Land FAR & Space needs for Growth	4.4
Figure 11.9: Inter-Garrison Road at Fourth Avenue Looking East	11.13	Table 4.6: Proposed Master Plan Development	4.6
Figure 11.10: Athletics and Recreation District - Plan	11.15	Table 4.7: Proposed Master Plan Development - Housing	4.6
Figure 12.1: CSUMB Existing and Proposed Buildings	12.7	Table 4.8: Outdoor Athletics and Recreation Program Fields, courts, and Pools	4.7
		Table 6.1: Proposed Athletic Facilities	6.14
		Table 7.1: Top Six Highest On-campus Ridership Bus Stops (2015)	7.9
		Table 7.2: Transportation Demand Management (TDM) Strategies	7.16
		Table 8.1: Internal Building Unit Demands	8.11
		Table 8.2: Internal Building Unit Supply	8.11
		Table 8.3: Residential Unit Demands	8.11
		Table 9.1 Historic and Projected Electricity and Gas Emission Factors	9.5
		Table 9.2 Completed Campus Energy Efficiency Projects	9.7
		Table 9.3: Recommended Energy Use Intensity (EUI) Targets	9.12
		Table 9.4: Rough Cost Scenario Comparison of Technologies	9.21

