

## **Acknowledgements**

### **LRDP COMMITTEE MEMBERS**

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## Bibliography

- Strategic Futures Committee, *Strategic Futures Committee Initial Enrollment Recommendation for 2020*, March 19, 2004
- Strategic Futures Committee, *Strategic Futures Committee Interim Report*, April 2004
- Strategic Futures Committee, *Strategic Futures Committee Final Report*, June 25, 2004
- Kennedy/Jenks, *Draft Stormwater Management Plan, UC Santa Cruz*, 2004
- City of Santa Cruz Water Department, *City of Santa Cruz Urban Water Management Plan*, 2001
- Fiske & Associates, *City of Santa Cruz Integrated Water Plan, Draft Final Report*, 2003
- EcoSystems West Consulting Group, *Wildlife Assessment of the University of California, Santa Cruz North Campus Study Area. Draft*, 2002 (April)
- Fox, Laurel; Doak, Daniel; Gilbert, Gregory; Fusari, Margaret; *The Future of the UCSC Campus Natural Reserve*. June 11, 2004
- Jones & Stokes Associates, Inc. 2003 (March). *Biological Baseline Study of The Lower, Central, and Upper Campus, University of California, Santa Cruz. Draft*. J&S 02-278. Sacramento, California.
- Implementation Program for the LRDP, UCSC* (1993)
- Arkley, Rodney J., *Soils of the Santa Cruz Campus*, June 1963.
- California Liaison Committee of the Regents of the University of California and the State Board of Education, *Master Plan for Higher Education in California 1960-1975*, 1960.
- Ferris, Robert M., *Assessment of Wildlife Impacts for the UCSC Long Range Development Plan*, October 1987
- McBride, Joel R., *University of California Santa Cruz Analysis of Vegetation and Land Management Program*, 1987.
- University of California, Santa Cruz, *1963 Long Range Development Plan, University of California Santa Cruz*, September 1963.
- University of California, Santa Cruz, *1971 Long Range Development Plan, University of California Santa Cruz*, 1971.

University of California, Santa Cruz, *1978 Long Range Development Plan*, University of California Santa Cruz, 1978.

University of California, Santa Cruz, *1988 Long Range Development Plan*, University of California Santa Cruz, 1988.

*University of California, Santa Cruz, Twenty-Year Plan*, Office of the Chancellor, July 1985.

Warrick, Sheridan F., ed., *The Natural History of the UC Santa Cruz Campus*, Environmental Field Program, University of California, Santa Cruz, 1982.

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**Appendix A**  
**Summary of Existing and Approved UCSC Space**

Facility	# of Bldgs	Instruction and Research						ORUs & ORAs	Academic Support			Phys Ed & Recr	Stdnt Serv	Inst Operatns		Stdnt/Fac Hsg & Food	U Ctr & Non-UCSC	Total ASF	ASF/ GSF	Total GSF
		Arts Div	Hum Div	PB Sci Div	Engin School	Engin Soc Sci Div	Gen Asgn		Library	Div, Col	Misc			Gen Srv	Adm					
Academic Resource Ctr	2												11,522					11,522	0.65	17,677
Agroecology trailers	4							3,185										3,185	0.74	4,322
Ap Sci Trailer 9	1							614										614	0.85	720
Arboretum	4								8,738									8,738	0.82	10,635
Architect & Eng Trailer	1													426				426	0.74	578
Auto Teller Machines	2																	0	NA	207
Barn G Shop	1													13,964				13,964	0.75	18,678
Barn H Receiving	1													11,866				11,866	0.84	14,071
Bay Tree Bookstore	1												26,605		2,027			29,670	0.68	43,894
Bay Tree Bookstore Shed	1												99					99	0.83	120
Blacksmith Shop	1													1,102				1,102	0.57	1,939
Bug Shop	1													116				116	0.93	125
Cam Fac trailers	2													844				844	0.70	1,205
Cardiff House	1													1,778				1,778	0.74	2,417
Cardiff House Annex	1													369				369	0.91	407
Carriage House	1													1,588	4,448			6,034	0.75	8,029
Ctr Agro & Sustain Food Sy	5					1,251		2,067										3,318	0.88	3,754
Center for Adaptive Optics	1							4,197										4,197	0.58	7,182
Central Heat Plant	4													12,922				12,922	0.75	17,120
Classroom Bldg	1						7,053							912				10,003	0.66	15,168
Communications Bldg	1	11,027												11,112				23,683	0.64	37,251
Communications 2 trailers	2													851				851	0.90	944
College 8	19					11,959	3,808		1,871				4,729			139,529		161,896	0.71	227,368
Colleges 9 & 10	14												4,884			229,266	7,082	241,232	0.69	351,273
Cook House	1												2,419					2,419	0.67	3,606
Cowell College	16		10,720				3,991						3,685			79,110		106,063	0.62	171,214
Cowell Infill Apt	3						106		9,143							42,560		42,560	0.74	57,724
Cowell/Stevnsn Comp Lab	1													831				831	0.74	1,127
Cowell Stdt Health Ctr	1												13,664					13,664	0.55	25,055
Crown College	16		-247	124.0			5,442	4,076	5,581			3,089				65,938		84,003	0.60	139,672
Crown/Merrill Housing	15															95,446		95,446	0.88	108,496
Development Trailer	1													421				421	0.84	500
Digital Arts Facility	2	24,195						1,418										25,613	0.58	44,193
Elena Baskin Arts	15	30,604											298					30,902	0.79	39,325
Env Assess Group Trailer	1												524					524	0.91	578
Earth & Marine Sci	1			68,095				4,706	10,107									82,908	0.55	150,594
East Pool Facility	1											450						450	0.72	624
EH&S Storage	1													2,858				2,858	0.95	3,024
EH&S Trailer	1													1,247				1,247	0.76	1,644
Emergency Response Ctr	1													3,280				3,280	0.65	5,052
Emerg Res Ctr Storage	1																	90,894	0.58	156,938
Engineering Bldg	1				55,904	15,302	5,057	14,631										5,466	0.87	6,293
Farm	9							5,466										10,009	0.57	17,531
Field House East	1											21,888						21,888	0.76	28,938
Field House West	1											10,009						10,009	0.57	17,531

Appendix A (continued)  
Summary of Existing and Approved UCSC Space

Facility	# of Bids	Instruction and Research				ORUs & ORAs		Academic Support		Public Serv	Phys Ed & Recr	Stdnt Serv	Inst Operatns		Std/Fac Hsg & Food	U Ctr & Non-UCSC	Total ASF	ASF/ GSF	Total GSF
		Arts Div	Hum Div	PB Sci Div	Engin School	Soc Sci Div	Gen Asgn	Library	Div/Col Misc				Gen Srv	Adm					
Firehouse	1											1,000	3,860		163,794	3,860	0.79	4,882	
Family Std Hsg	50												2,298			167,092	0.85	196,593	
Garage fleet services	1											4,644	4,256			4,256	0.76	5,608	
Grad Student Commons	1															4,644	0.66	7,056	
Grad Student Housing	5														23,480	0.86	27,269		
Granary	1												2,097			2,097	0.85	2,465	
Hagar Court Office Bld	1								493		12,137			7,063	884	884	0.79	1,124	
Hahn Student Services	1														3,322	23,015	0.69	33,282	
Hahn Art Facility	1	2,820											398	752	1,045	4,722	0.71	6,684	
Housing Admin	1	2,527													158	158	0.99	160	
Housing Storage 1-2	2																		
Humanities Bldg	3		29,140				6,860		6,340							51,140	0.60	85,000	
Humanities Trailer 1	1								241							241	0.84	288	
Infant Toddler Mod Unit	1												1,335			1,335	0.70	1,920	
Interdisciplinary Sci	1			17,246			12,066		130							34,557	0.56	61,346	
J Baskin Engineering	1			16,422	60,644				7,965				9,739			104,214	0.60	172,838	
Kerr Hall	1			-92					2,503	800	217	5,163	36,466			45,057	0.57	79,363	
Kiosk East	1												21			21	0.66	32	
Kiosk West	1												21			21	0.66	32	
Kresge College	29	6,273		5,205		479	4,827		10,147		7,298	159		90,009		124,397	0.79	156,957	
KZSC Storage	1										50					50	0.83	60	
KZSC Transmit	1										486					486	0.94	518	
Life Lab	1														1,398	1,398	0.76	1,848	
Maintenance Storage Trlr	1								86			199				285	0.89	320	
McHenry Library	1	11,069	4,864	18,749	864	864	4,390	148,723	6,815							196,338	0.71	277,474	
Merrill College	19		-154			11,575	4,201	4,837			4,503			69,653		94,981	0.67	141,256	
Music Center	2	28,138					217			109						28,464	0.55	52,179	
Nat Sci 2	1			14,826		16,718			18,192		71	148				49,955	0.55	90,294	
Nat Sci 2 Annex	1						2,265		2,828				1,052			6,727	0.71	9,465	
Nat Sci Greenhouse	1			1,593												1,593	0.95	1,680	
Nat Sci Paleo Lab	1			943					1,769							943	0.92	1,020	
Nat Sci Storage	1															1,769	0.95	1,860	
Nat Sci Woodshop	1			2,359												2,359	0.92	2,560	
Oakes College	19		-575			9,673	4,850		3,717		7,000			103,094		127,759	0.67	190,429	
OMP Trailer	1												443			443	0.88	504	
OPERS Fitness	1									9,679						9,679	0.72	13,440	
OPERS Office	1									2,005						2,005	0.65	3,091	
OPERS Tennis	1									10,322						10,322	0.65	15,865	
Paint Shop	1												266			266	0.95	280	
Parking Structure	1															0	NA	184,395	
PE Activity	1									2,390						3,076	0.97	3,172	
Physical Sci Bldg	1			61,278	5,088			7,400								79,829	0.59	136,444	
Porter College	5	6,513					4,849	11,743			4,380			92,758		120,319	0.64	188,249	
Porter Infill Apt	7													81,400		81,400	0.74	110,403	
Powder House	1															120	0.84	143	

**Appendix A (continued)  
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Facility	# of Bids	Arts			Hum Div			Instruction and Research			ORUs & ORAs		Academic Support		Public Serv	Phys Ed & Recr	Stdnt Serv	Inst Operatns		Stdt/Fac Hsg & Food	U Ctr & Non-UCSC	Total ASF	ASF/GSF	Total GSF	
		Div	Div	Div	Hum Div	PB Sci Div	Engin School	Soc Sci Div	Gen Asgn	Library	Div/Col Misc	Gen Srv	Adm	Gen Srv				Adm							
PP&C Trailers 1-2	2																		1,233				1,233	0.89	1,392
RV Recreation	1																				533		533	0.56	956
School Age Mod Unit	1																		1,475				1,475	0.77	1,920
Sci & Engineering Library	1											55,160											55,160	0.72	76,800
Sign Shop	1																		896				896	0.90	992
Sinsheimer Lab	1													639					1,027				62,098	0.63	99,132
Social Sci 1 & 2	2													7,167					1,110		135		78,990	0.60	131,623
Social Sci Trailer 1	1																						0	NA	0
Solar Greenhouse	1																						389	0.90	431
Stevenson Academic	15													7,889									99,765	0.64	156,233
Stevenson Infill Apt	3																						39,730	0.74	53,886
Stone House	1																						879	0.66	1,324
Student Music East	1																						2,136	0.81	2,645
Student Union	2																						9,549	0.80	11,985
Theater Arts Complex	14																						50,785	0.56	89,973
Theater Barn	1																						4,567	0.75	6,076
Thimann Lab	1																						56,002	0.62	90,191
Thimann Lab Trailer 3	1																		336				4,567	0.75	6,076
Thimann Lecture Hall	1																						240	0.81	296
Thimann Receiving	1																						4,325	0.62	6,985
Transport & Park Srv Stor	1																						2,226	0.93	2,401
Transport & Park Srv Trailer	1																						422	0.98	432
UCO Lick Lab A & B	2																						506	0.92	552
University House	1																						13,319	0.71	14,386
University Relations Trlr	1																						5,156	0.71	7,256
Upper Quarry Amphitheater	2																						616	0.92	672
Village Housing	21																						511	0.66	780
<b>On-campus total</b>	<b>419</b>	<b>172,991</b>	<b>51,827</b>	<b>316,759</b>	<b>123,710</b>	<b>150,832</b>	<b>97,698</b>	<b>86,706</b>	<b>203,883</b>	<b>118,621</b>	<b>1,434</b>	<b>56,743</b>	<b>134,700</b>	<b>110,442</b>	<b>54,202</b>	<b>1,423,788</b>	<b>8,480</b>	<b>3,112,816</b>	<b>4,825,289</b>	<b>0.65</b>	<b>4,825,289</b>				

**Appendix B**

Public Workshops

<p>Wednesday, 11/5/03</p> <ul style="list-style-type: none"> <li>• LRDP Background</li> <li>• Cooper, Robertson &amp; Partners Background</li> <li>• Key Topics for the LRDP</li> <li>• Discussion Tables</li> </ul>	<p>6:00-9:00pm</p>	<p>UCSC Inn, Sierra Room</p>
<p>Wednesday, 2/25/04</p> <ul style="list-style-type: none"> <li>• Overview of LRDP Process</li> <li>• University and Community Work Group</li> <li>• UCSC Site</li> <li>• Strategic Futures Committee Update</li> <li>• Preliminary program/Scenario testing</li> <li>• Sustainability</li> <li>• Question and Answer</li> </ul>	<p>6:00-9:00pm</p>	<p>UCSC Inn, Sierra Room</p>
<p>Wednesday, 4/21/04</p> <ul style="list-style-type: none"> <li>• Update from Strategic Futures Committee</li> <li>• Update from Campus and Community Work Group</li> <li>• Enrollment Scenarios - Site Design Studies</li> <li>• Preliminary Transportation Assessment</li> <li>• Campus Housing Program</li> <li>• Background on City's Housing Element</li> <li>• Question and Answer</li> </ul>	<p>6:00-9:00pm</p>	<p>UCSC Inn, Sierra Room</p>
<p>Wednesday, 6/9/04</p> <ul style="list-style-type: none"> <li>• Campus Development Options: Draft Enrollment Scenario</li> <li>• Sustainability and Infrastructure</li> <li>• Report from Campus and Community Work Group</li> <li>• Question and Answer</li> </ul>	<p>6:00-9:00pm</p>	<p>UCSC Inn, Sierra Room</p>
<p>Wednesday, 10/20/04</p> <ul style="list-style-type: none"> <li>• Overview and Discussion, First Draft LRDP</li> </ul>	<p>6:00-9:00pm</p>	<p>UCSC Inn, Sierra Room</p>