

CAMPUS STANDARDS HANDBOOK

OFFICE OF PHYSICAL PLANNING AND CONSTRUCTION
UNIVERSITY OF CALIFORNIA, SANTA CRUZ

Italics indicate recent revisions.

THESE STANDARDS ARE PROVIDED TO UCSC CONSULTANTS
FOR GUIDANCE IN THE PREPARATION OF CONSTRUCTION
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IF ANY PORTION OF THESE STANDARDS IS INCORPORATED INTO CONSTRUCTION
DOCUMENTS, IT IS THE RESPONSIBILITY OF THE CONSULTANT TO VERIFY THE
APPROPRIATENESS OF SUCH EXCERPT TO THE PARTICULAR PROJECT.

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A.	Division 1: General Requirements	
	<i>01530</i>	<i>Tree Protection</i> 2/18/99

(Division One Sections are generally not included in this Standard; The UCSC Project Manager will provide the Division One for each particular project)

B. Division 2: Sitework

02200	Earthwork Standards	3/2/99
02280	Soil Treatment Standards	3/2/99
02500	Paving and Surfacing Standards	3/2/99
02665	Water Distribution Standards	3/2/99
02666	District Heating Water System Standards	5/1/98
02667	Cooling Tower Water System Standards	5/1/98
02685	Underground Gas Distributions System Standards	5/1/98
02720	Storm Drainage System Standards	3/2/99
02730	Sanitary Sewerage Systems Standards	3/2/99
02780	Underground Conduit Standards	3/2/99
02800	Site Improvements Standards	3/2/99
02810	Irrigation Standards	3/2/99
02830	Chain Link & Wire Fences and Gates Standards	3/2/99
02900	Landscaping Standards	3/2/99

C. Division 3: Concrete

03300	Cast-in-Place Concrete Standards	3/2/99
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D. Division 4: Masonry

04200	Unit Masonry Standards	3/2/99
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E. Division 5: Metals

05120	Structural Steel Standards	3/2/99
05500	Metal Fabrication Standards	3/2/99

F. Division 6: Wood and Plastics

06100	Rough Carpentry <i>Standards</i>	3/2/99
06200	Finish Carpentry <i>Standards</i>	3/2/99
06400	Architectural Woodwork <i>Standards</i>	3/2/99
G. Division 7: Thermal and Moisture Protection		
07100	Waterproofing <i>Standards</i>	5/1/98
07190	Moisture Barrier <i>Standards</i>	5/1/98
07300	Shingles and Roofing Tile <i>Standards</i>	5/1/98
07460	Siding <i>Standards</i>	5/1/98
07500	Membrane Roofing <i>Standards</i>	5/1/98
07600	Flashing and Sheet Metal <i>Standards</i>	5/1/98
H. Division 8: Doors and Windows		
08100	Metal Doors and Frames	5/1/98
08200	Wood and Plastic Door <i>Standards</i>	5/1/98
08300	Special Doors	5/1/98
08500	Metal Window <i>Standards</i>	5/1/98
08700	Hardware <i>Standards</i>	5/1/98
I. Division 9: Finishes		
09200	Lath and Plaster <i>Standards</i>	5/1/98
09250	Gypsum Drywall <i>Standards</i>	5/1/98
09300	Tile <i>Standards</i>	5/1/98
09650	Resilient Flooring <i>Standards</i>	5/1/98
09680	Carpet <i>Standards</i>	5/1/98
09900	Painting <i>Standards</i>	5/1/98
J. Division 10: Specialties		

10100	Chalkboard and Tackboard <i>Standards</i>	5/1/98
10170	<i>Plastic Toilet Compartment Standards</i>	5/1/98
10522	<i>Fire Protection Specialties Standards</i>	5/1/98
10550	Postal Specialties <i>Standards</i>	5/1/98
10800	Toilet and Bath Accessories <i>Standards</i>	2/19/99
K. Division 11: Equipment		
11130	Audio-Visual Equipment <i>Standards</i>	2/19/99
11600	Laboratory Equipment <i>Standards</i>	2/19/99
L. Division 12: Furnishings		
12510	Horizontal Louver Blind <i>Standards</i>	5/1/98
12520	Black-Out Shade <i>Standards</i>	5/1/98
12540	Drapery <i>Standards</i>	5/1/98
M.	Division 13: Special Construction	(not used)
N. Division 14: Conveying Systems		
14000	Conveying <i>Equipment</i>	10/2/01
O. Division 15: Mechanical		
15010	General Mechanical <i>Requirements</i>	5/1/98
15300	Fire <i>Protection</i>	5/1/98
15400	Plumbing <i>Design Guidelines</i>	5/1/98
15500	Heating, Ventilating, and Air <i>Conditioning</i>	5/1/98
15990	Testing, Adjusting, and <i>Balancing</i>	5/1/98
P. Division 16: Electrical		
16050	Basic Electrical <i>Materials and Methods Standards</i>	10/2/01
16100	Underground <i>Distribution Standards</i>	10/2/01

16300	<i>High Voltage Distribution Standards</i>	
		10/2/01
16430	<i>Metering Standards</i>	
		10/2/01
16500	<i>Lighting Standards</i>	
		10/2/01
16530	<i>Exterior Lighting Standards</i>	
		10/2/01
16600	<i>Emergency Power Unit</i>	
		10/2/01
16700	<i>Communications Standards</i>	
	<i>Telephone</i>	
	<i>Twisted Pair Data</i>	
	<i>Coaxial Cable</i>	
	<i>Fiber Optic</i>	
	<i>Audio Visual</i>	
		10/2/01
16720	<i>Fire Alarm Systems Standards</i>	
		10/2/01
	<i>Sample Specification</i>	
		10/2/01
	<i>California State Fire Marshal Submittal Checklist</i>	
		10/2/01
16780	<i>Television Systems Standards</i>	
		10/2/01
Q.	Division 17: Energy Management Systems	
17000	<i>Standards</i>	
		3/5/01
17000	<i>Standrds Sample Point list</i>	
		3/5/01
17000	<i>Sample Specification - Energy Management System</i>	
		3/5/01
17500	<i>BMS Integration – Guide Specification</i>	
		7/13/01
PART VI.	STANDARD DETAILS AND DRAWINGS	
1.5-1	Construction Site Sign	4/12/91
2.5-1	Refuse Truck Turnarounds	9/27/91
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2.6-2	Branch Gas Main and Valve Installation	12/17/97
2.6-3	Fire Hydrant Installation	4/29/93
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2.8-1	Steel Bollard Installation (check applicable detail with Project Manager)	12/17/97
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13-6	Acoustical Floor/Ceiling 4A	6/12/97
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C.	Executive Design Professional Agreement Exhibit C- Supplemental Requirements	3/21/98
D.	Erosion Control Standards	3/13/99

PART VIII.

RELATED DOCUMENTS (not included in Standards)

WHERE AVAILABLE

1. Classroom Guidelines	Office of Media Services, UCSC
2. Implementation Program for the Long Range Development Plan	Drafting & Archives Office Office of Physical Planning and Construction
3. Campus Drainage Plan	Drafting & Archives Office Office of Physical Planning and Construction
4. "Campus Signing Program, UCSC"	Drafting & Archives Office Office of Physical Planning and Construction
5. "Staking Landscape Trees", Leaflet #2576 (See Section 02900, III, B) Division of Agricultural Sciences, UC, 1982	Drafting & Archives Office Office of Physical Planning and Construction
6. State Public Works Board/Dept. of Finance Guidelines University of California Office the President	Drafting & Archives Office Office of Physical Planning and Construction
7. Storm Water Pollution Prevention Plan Example (Colleges 9/10)	Drafting & Archives Office Office of Physical Planning and Construction
8. Installation and Use of Security Alarms	University Police http://www.ucsc.edu/ucsc/ppmanual/abstract/sps0003.htm
9. Key Control and Access Policy: HS-300-1	University Police http://www.ucsc.edu:80/ucsc/ppmanual/html/sps0001.htm
10. UCSC Student Housing Security Standards (Environmental and Physical Security Design Standards for Student Housing and Support Facilities as Developed by University Consultant Campus Crime Prevention Programs dated June 1992)	UCSC Housing Services
11. Residential Key Control Policy (Draft 5-29-96)	UCSC Housing Services
12. Reference Specifications	Office of Physical Planning and Construction
07510 Built Up Roofing	Music Facility, Project #6301
07522 Fully Adhered Elastomeric Sheet Roofing	Nat Sci Alts, Project #2513
13. "Specifying Construction Products"	University of California Facilities Manual http://www.ucop.edu/facil/fmc/facilman/volume4/part1/figure4.html
14. "Construction Documents Review Checklist"	University of California Facilities Manual http://www.ucop.edu/facil/fmc/facilman/volume4/part1/figure6.html
15. "Errors Commonly Made in the Construction Documents"	University of California Facilities Manual http://www.ucop.edu/facil/fmc/facilman/volume4/part1/figure7.html
16. Landscape Management Program, 1995	Office of Physical Planning and Construction Drafting and Archives Office
17. Facilities Inventory Guidelines, 1993	Office of Physical Planning and Construction

Appendix C: Building Area Overview
Appendix D: Definitions Checklist

Drafting and Archives Office