

## 2008 Building Case Study Matrix

Week # to present		4	6	8	9	10
Dates of section		Feb 12 – 15	Feb 26 – 29	Mar 11 – 14	Mar 18 – 21	Apr 1 – 4
Topics to focus on, from lectures during the previous week(s)		HEAT 1 - Thermal Properties of Materials, Thermal Mass, Energy Transfer	HEAT 2 - Whole Building Energy Loss, Annual Energy Consumption, Thermal Comfort	SUN - Sun Angles, building Orientation, Solar Radiation	SHADE - Shading Analysis, Shading Devices	LIGHT - Shading Masks, Light, Daylight Modelling and Prediction
Examples of Buildings	Architect(s)					
Audubon House, New York, NY	Croxtan Collaborative		4			
Bart Prince House, Albuquerque, NM	Bart Prince	1				
Bren School of Environmental Science, Santa Barbara, CA	Zimmer Gunsul Frasca			5		
Broadhead House, La Honda, CA	Fernau and Hartman	4				
Cal/EPA Headquarters, Sacramento, CA	Joe Serna Jr			4		
Carnegie Institute Center for Global Ecology	EHDD		2			
Chicago Center for Green Technology, Chicago, IL	Farr Associates Architecture and Urban Design			7		
Clackamas High School, Clackamas, OR	BOORA Architects, Inc.					8
Commerzbank, Frankfurt, Germany	Foster and Partners	5				
Consortio-Vida Offices, Santiago, Chile	Enrique Browne and Borja Huidobro's				1	
Four Times Square, New York, NY	Fox & Fowle Architects		5			
Gap Headquarters, San Bruno, CA	William McDonough					7
Genzyme Center	Behnisch, Behnisch & Partner					3
Hong Kong Bank, Hong Kong, China	Sir Norman Foster				4	
Kimball Art Museum, Fort Worth, TX	Louis I Kahn					4
M. E. Rinker Hall, Gainesville, FL	Croxtan Collaborative Architects + Gould Evans Associates					9
Marika-Alderton House, Northern Territory, Australia	Glenn Murcutt					6
Mount Angel Library, Mount Angel Library	Alvar Aalto					1
Palace of Justice, Chandigarh, India	Le Corbusier					5
Phoenix Public Library, Phoenix, AZ	bruderDWL architects					2
Planar House	Steven Holl	3				
Pueblo Acoma, NM		2				
Radbill Building, Philadelphia, PA	Louis I Kahn	6				
Real Goods Solar Living Center, Hopland, CA	Sim Van der Ryn				2	
Rocky Mountain Institute, Headquarters, Snowmass, CO	Steven Conger and the Aspen Design Group		1			
SF Federal Building	Morphosis		3			
Single House, Charleston, SC				8		
Solar City Pilching, Linz, Austria	Roland Rainer, Norman Foster, et al			6		
Sundial Bridge, Redding, CA	Santiago Calatrava			1		
Taliesin West, Scottsdale, AZ	F.L Wright			2		
Village Homes, Davis, CA	Mike Corbett			3		
Zimmerman House, Fairfax County, VA	William Turnbull				3	
Zion National Park Tourist Center, UT	James Crockett		6			