

Acknowledgments

Many thanks are due to the myriad people who helped me in different ways. Below are a few of the people who gave their support and expertise, but it is in no way a complete list of those to whom I owe thanks.

I would like to thank my family for being so supportive and for giving me the means to get through college, as well as the support that has been so instrumental to my success in college and in life. My parents and my sister, Christina, have always been there when I've needed them and have helped me through everything.

Many thanks are also due to all the members of the AE faculty and staff. In particular, Dr. Mistrick and Dr. Moeck for their wisdom through numerous classes and willingness to help in any way possible, Dr. Freihaut for his help during my thesis and for always having time to discuss everything and anything, Professor Andy Lau for his help using eQuest and his insight into sustainability, and Sharron (perhaps most of all) without whom I never would have been able to graduate.

The good people over at Integrated Design Associates were extremely helpful in helping me find a fantastic building to use for my thesis. Ryan Stromquist and Dave Kaneda both deserve special thanks for their patience and help in answering the many questions I had.

Lundahl and Associates, the architects for TCES, who provided me with a crisp, clean set of drawings and specs deserve a large amount of thanks as well. My main contact with them, Todd Lankenau, helped a great deal with getting drawings, answering questions, and getting me in contact with the owner.

Of course, this thesis would not have been possible without the help of the owners, Sierra Nevada College and U.C. Davis. Their enthusiasm and support was a welcome way to start a massive undertaking such as this.

My colleagues also deserve special recognition. Ben Noggle, Steve Puchek, Lindsey Beane, Mark Miller, Brian Smith, Jenn Curley, Norm Tsui, Brad Hartman, Phil Mackey, and Eric Singley were always there to answer questions and keep me motivated when I needed help the most.

And last, and definitely not least, my girlfriend, Amanda. Without her love, patience and support while we both toiled away on our theses I wouldn't have been able to make it. Thank you.