
Job title	Central Michigan University Education Building	Job number	75606-85
Meeting name & number	LEED™ Visioning Meeting	File reference	
Location	Central Michigan University	Time & date	February 24, 2006
Purpose of meeting	Learn about LEED™; set target credits		
Present	See attached Meeting Attendance document		
Apologies			
Circulation	Those present		

Prepared by Ryan Wilson

Date of circulation March 10, 2006

Date of next meeting

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Central Michigan University Education Building	75606-85	February 24, 2006	
1.	Introduction	The design team and the University staff introduced themselves and their role on the project.	N/A
2.	Sustainability Presentation	<p data-bbox="331 531 1243 625">Cole Roberts of Arup presented the concept of sustainability and why Arup feels that it is an important issue. Some of the important points of the presentation included:</p> <ul data-bbox="331 663 1243 926" style="list-style-type: none"> - Fossil fuels are a finite commodity and there is scientific evidence that the extraction rate of fossil fuels will peak soon - Scientific evidence has clearly linked the use of fossil fuels with climate change - The US uses more energy per capita than any nation in the world - Developing nations (China, India, etc.) are expected to dramatically increase their rate of fossil fuel use in the near future - Buildings account for over 50% of the energy expenditure of the US <p data-bbox="331 963 1243 1031">The presentation also introduced the LEED™ Rating System and the principles behind it. Of particular note is the research on current LEED™ buildings:</p> <ul data-bbox="331 1068 1243 1199" style="list-style-type: none"> - The cost of achieving a LEED™ rating (certified, silver, gold or platinum) is only a fractional increase over the base cost if managed correctly - Net present value calculations indicate that LEED™ buildings have significantly greater value and lower life-cycle costs 	N/A
3.	Sustainability Brainstorming Session	<p data-bbox="331 1297 1243 1461">The group participated in an individual brainstorming activity with the theme “what does sustainability mean to me?” Each person filled out at least three ideas onto note cards. They placed the note cards onto one of five poster boards representing the LEED™ categories. Some of the common suggestions included:</p> <ul data-bbox="331 1499 865 1661" style="list-style-type: none"> - Daylighting - Natural ventilation/operable windows - Water reuse/conservation - Energy efficient systems - Easy building operation and maintenance 	N/A
4.	Sustainability Discussion	Cole Roberts led a discussion of the topics and ideas that had been generated in the brainstorming exercise. These ideas were rearranged and grouped together to provide a picture of the strategies that may be implemented and how they are interconnected.	N/A

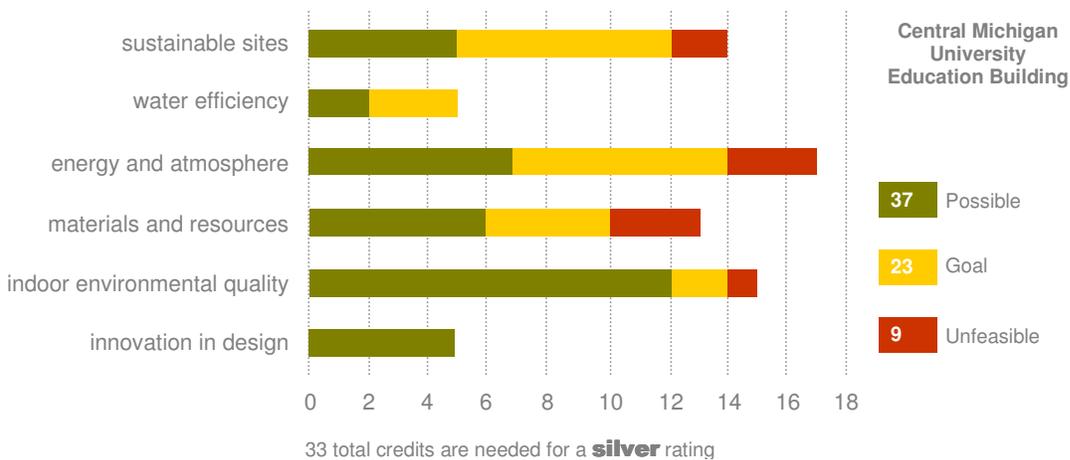
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5. LEED Credit Review
 Caroline Fricke of Arup presented the LEED™ Rating System. Arup reviewed the system, credit by credit, while getting input from the University staff and the design team. The group identified strategies that could be realistically implemented and those that the University is hesitant to pursue or unrealistic.

All

Please see attached LEED NC 2.2 Final document for a detailed review of the individual points system and actions required.

The table below is a summary of the current status of the project.



6. Meeting Wrap-up
 Based on the initial point tally, it appears the Education Building could achieve a Silver Rating with nominal investment. Gold certification could be achieved with further investment.

CMU

Cole Roberts indicated that during the design, various strategies may be eliminated due to cost concerns. He advised the University to reconsider the Silver target, and perhaps aim for Gold.

The University staff indicated they would like additional time to determine the appropriate target and consider some of the points in question.

7. Next Steps
 At the time of writing, the site location and the existing Ronan Hall are still under discussion.