

# SUSTAINABLE BUILDING DESIGN COMMITTEE

Tuesday, January 25, 2005

12:00 NOON – 1:15 P.M.

at

Gausman & Moore

700 Rosedale Towers

1700 West Hwy 36, Roseville, MN

651-639-9606

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## MISSION STATEMENT

### PURPOSE:

*To advance energy and environmental performance of buildings through creation, exchange, and application of timely information about the art and science of heating, ventilation, air conditioning, and refrigeration (HVAC-R).*

### SCOPE:

1. Energy conscious design and operation of HVAC-R systems
  1. Water conservation practices
  2. Indoor environmental quality control practices
  3. Ambient environmental quality control practices
  4. Materials use strategies
  5. Adaptive reuse of buildings strategies
  6. Information and technology transfer via position statements, product directories, technical papers, lectures, and demonstration projects
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## MINUTES

**Attendees:** Dan McCarty, David Williams, Rick Hermans, Betti Iwanski, Doug Groen, LuAnn Nelson, Brian Shablow, Todd Courneya, Jim Keller.

**New Member:** Doug Groen from Vac System Industries. Introduction of attending members and background of MASDEC. Doug will be making a presentation to our committee in the near future.

1. Old Business
  - a. Approval/Review of October Meeting Minutes - approved
  - b. Update on Green Survey – New survey deadline is end of February. Dan McCarty to give new surveys to Brian Shablow for review process. (Reviewers: Jim Keller, Dan, Todd)
  - c. TEGA – Refer questions, projects, etc. to the TEGA committee (MN Chapter).
  - d. Contact UM student group – Betti to contact George Rothenberger or Tom Keen.
2. Action Items
  - a. ASHRAE Seminar update (Leighton) –
    - 1) February's Refrigeration seminar: Alternate Refrigerants
    - 2) April's Education seminar: Newest ASHRAE 62 and Energy Efficient Management Controls (IAQ study on a public school)
  - b. MN ASHRAE Website update (Todd) – Reviewed new entries and revised layout. Group felt this was a useful tool.

- c. Recap of Green Build Convention – Nov. 10-12, 2004, Portland, OR – Un-integrating engineering info for the future, need a cost of green for LEED, low income housing; product show was good, David enjoyed his portable toy ceramic waterless toilet. Next meeting will be in Atlanta, November 7 to 11, 2005.
  - d. Networking
    - 1) AIA Convention – Nov. 2-5, Minneapolis – Shared a booth with AIA-COTE, not much traffic or interest from attendees. Time was spent networking with other organizations.
    - 2) USGBC Mississippi Headwaters Chapter (Jim) – February 15<sup>th</sup> presentation - project cost for green, making LEED and B3 work together and latest LEED tools available.
    - 3) Landscape Architects, Energy Engineers (Betti) – (LAEE) Suggest possible joint meeting in May or later. Topics of interest – ground water retention, ground source heat pump relating to landscape features. Betti to pursue interest between LAEE and MASDEC. Energy Engineers – Weidt Group presentation. Betti & Todd to work on a MASDEC networking plan.
3. New Business
- a. Booth @ Life Safety seminar (Todd) – ASHRAE attendance was light, not much interest.
  - b. Presentation at UM event – April 25 – 26 (Rick) – David Williams agreed to be on the panel for Integrated Design. CALA sponsored event.
  - c. TEGA Joint meeting, wider audience for information – TEGA is interested in pursuing a meeting at our suggestion.

4. Presentation

Dedicated Outdoor Air Systems by Leighton Deer – Leighton was unable to make it. Leighton will present at the March 22nd meeting.

**Next Meeting: March 22, 2005, 12:00 – 1:15 PM**

Report on ASHRAE Winter Meeting      - Jim Keller  
Dedicated Outdoor Air Systems      - Leighton Deer

**NOTE: RSVP** – A vegetable and/or meat pizza will be purchased. We will all contribute to the cost.