

Terms of Reference
Alberta Chapter – Canada Green Building Council
Emerging Green Builders Design Competition 2009

Purpose

The Alberta Chapter – Canada Green Building Council's (AB – CaGBC) mission is to lead the transformation of the built environment so as to create buildings and communities that are environmentally responsible, profitable, and healthy places to live, work and play. The Chapter engages and enables industry and government, and supports related organizations to accelerate sustainable building and development in Alberta.

The Emerging Green Building Design Competition 2009 will promote and encourage progression of the Chapter mission through partnership with students, young professionals and industry mentors.

Concept

This design competition will elicit ideas to be implemented in the construction of a Transitional Biohousing building in Edmonton, Alberta.

The term **biohousing** reflects the use of natural building products and design principles that are focused on healthy, environmentally sound living for the inhabitants. **Transitional housing** refers to affordable housing and supportive services offered for a specific period of time to individuals or families while they find more stable homes, or have learned the necessary skills required to live independently. This project will house single-mother families who require transitional living and services following initial treatment from local shelters and groups.

Design Parameters

1. The design must accommodate a 7 – 10 unit multifamily complex.
2. There will be an education centre for the public to learn about the design, construction and materials used in the building.
3. There will be a community based safety centre which will provide information/education to community members regarding home, personal, vehicle and community safety strategies.
4. A focus on natural and renewable building products from Alberta is strongly encouraged.
5. The provision of green space is a priority.
6. The context and community must be taken into account in the design.

Site Details

The site is in the Boyle community, just northeast of downtown Edmonton Alberta. It is 20 x 37 m. See aerial images in the *Background & Site Information Package* for details.

Timeline

March 1, 2009 – Competition announcement

April 17, 2009 – Competition closes

May 5-7, 2009 – Award presented

Eligibility

All active Emerging Green Builder (EGB) Members of the CaGBC and its chapters are eligible to participate as an individual or team. An EGB is a student or young professional within 5 years of graduation or an individual who is 30 years of age or younger.



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Teams may consult one (1) industry or faculty mentor that is a current member of the CaGBC. Interdisciplinary teams are strongly encouraged. Prizes are based on teams of up to 4 persons.

Submissions

All submissions shall contain, at minimum, the following:

- Conceptual site plan
- Conceptual architectural plans
- Description of major control strategies
- Description of material selection
- At least one rendering
- LEED® Checklist indicating credits expected to be achieved

Each team will submit a maximum of 2 project boards no larger than 34” X 40”. Display boards must be anonymous for judging purposes.

Jury Selection Process

The AB – CaGBC will appoint a jury of three (3) persons. The jury will include one LEED® accredited engineering professional, one LEED® accredited architectural professional and one member at large appointed by the AB - CaGBC.

Selection of the most promising submission shall be based on:

- | | |
|-----------------------------------|--------|
| ▪ project concept | 25 pts |
| ▪ innovation | 25 pts |
| ▪ design | 20 pts |
| ▪ material selection | 20 pts |
| ▪ site and community integration. | 10 pts |

Teams will be notified the week of April 27, 2009 and awards announced at the Sustainable Building Symposium May 5-7, 2009.

Award

All entries will be displayed at the Sustainable Building Symposium in Calgary and Edmonton in May 2009. All entrants will be published in a single volume by the Royal Architectural Institute of Canada. First, second and third place entries will be displayed for at least 1 year in the education centre once the project is complete. Winning entrants may be invited to participate in an Integrated Design Charrette with the hired Design Team.

In addition to this, the first place entry will receive four (4) full delegate program registrations for the CaGBC Summit 2009 in Montreal, June 9-11, as well as \$800 per team member for travel expenses. The second place entry will receive \$500. The third place entry will receive \$250.

To register please send a completed registration form to ed@alberta.cagbc.org or fax 780.419.7064

See www.abcagbc.org for more details.

