



**Tapping the Future: CSC Student Design Competition 2016 /2017**

**[cscdesigncompetition.com](http://cscdesigncompetition.com)**



Student Design Competition 2016-2017: "Tapping the Future"

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## 1 00 11 16 Invitation to the CSC Student Design Competition

### 1.1 Invitation

- 1.1.1 Construction Specification Canada (CSC) Grand Valley and Toronto Chapters invite you enter into a design competition. This competition is open to all current post-secondary school students in Ontario with an interest in construction-related activities such as architecture, landscape architecture, engineering, interior design, construction management, innovative products, and manufacturing.
- 1.1.2 Entries can be submitted by individuals, or by teams consisting of up to 4 people.

### 1.2 Client

- 1.2.1 Your 'Client' is the CSC, and the chief organizing committee is comprised of the Grand Valley and Toronto Chapters.

### 1.3 Project Description and Scope

- 1.3.1 The design theme: The building design is to accommodate a "Public Collaboration and Connection":
- 1.3.2 Location: 137 Glasgow Street, Kitchener, Ontario. Situated 3 km SE of the University of Waterloo and about 1 km west of Google's new Kitchener Headquarters. The location sits at the heart of Canada's 'Technology Triangle' (<http://catalyst-137.com/>). The location has close proximity to the Iron Horse Trail, allowing pedestrians, cyclists and joggers to access the public space at the front of the building.
- 1.3.3 Building history: was originally designed as a warehouse for tires and footwear, its function and design have remained unchanged over the years.
- 1.3.4 Owner and a new program for the space:
  - 1.3.4.1 Frank Voisin, the President of Voisin Capital and one of the owners of the building, approached us with his newest project for the purpose of encouraging young design professionals to engage in a relevant, current and trend setting initiative. He suggested that the lobby, the public gathering space inside and the outdoor collaboration space would serve as excellent and workable space for the focus of our competition.
  - 1.3.4.2 The 475,000 sq ft space will be purpose-built for makers. The building will be the concentration point for the talent, hardware engineering services and venture capital support to build the next generation of IoT companies. (Internet of Things).



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### 1.4 Design Criteria

- 1.4.1 The existing building is a real building, but your design will be theoretical, and without budgetary constraints. Be innovative in your intervention.
- 1.4.2 Entries must incorporate five of the following ten product categories into their design.
  - 1.4.2.1 Natural Stone
  - 1.4.2.2 Acoustic Treatment
  - 1.4.2.3 Decorative Metal
  - 1.4.2.4 FSC (Forestry Stewardship Council) Certified Wood
  - 1.4.2.5 Glass
  - 1.4.2.6 Architectural Coatings
  - 1.4.2.7 Light Diffusing product
  - 1.4.2.8 LED lighting
  - 1.4.2.9 Living wall and/or green roof
  - 1.4.2.10 Rain water reuse and/or storage
- 1.4.3 Research and understanding of materials in each of the five categories selected must be showcased as part of your submission.

### 1.5 Judging Criteria

- 1.5.1 Your design will be evaluated based on the following criteria categories, with each category being weighted equally in the evaluation:
  - 1.5.1.1 Competition requirements completion
  - 1.5.1.2 Use of Site and Existing building
  - 1.5.1.3 Quality of graphic material
  - 1.5.1.4 Quality of written material
  - 1.5.1.5 Quality of specification section
  - 1.5.1.6 Use of requested materials
  - 1.5.1.7 Innovation



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## 1.6 Existing Building Information

- 1.6.1 Building drawings, the constraints and requirements are outlined in the competition document set, available on the competition website.

## 1.7 Site visit

- 1.7.1 Due to current site conditions and construction, a site visit will not be possible for this year's competition. Additional existing building information including site photo's and video's will be posted on the competition website as it becomes available.

## 1.8 Incentive

- 1.8.1 Monetary Incentive: The winning entries will be awarded cash prizes as follows:
- 1.8.1.1 1st place - \$2,000;
  - 1.8.1.2 2nd place - \$1,000;
  - 1.8.1.3 3rd place - \$500.
- 1.8.2 Publicity incentive: The results of the competition will be published in Construction Canada Magazine.

## 1.9 Registration

- 1.9.1 Registration Start date: Monday, October 3, 2016
- 1.9.2 Registration Deadline: Midnight, Wednesday, April 26, 2017
- 1.9.3 Fee: \$25.00

## 1.10 Submissions

- 1.10.1 All participants must register before submissions. Submissions must be uploaded before: Midnight, Friday, April 28, 2017.

## 1.11 Enquiries

- 1.11.1 Enquiries can be made at: [info@cscdesigncompetition.com](mailto:info@cscdesigncompetition.com)

Good Luck!

End of Section



## **1 00 21 13 Competition Instructions**

### **1.1 Submittal Requirements – Maximum electronic file size**

1.1.1 Maximum total electronic file size for electronic submissions must not exceed 25 mb.

### **1.2 Submittal Requirements -Posters**

1.2.1 Provide presentation poster meeting below minimum criteria:

1.2.1.1 Poster size and quantity:

1. Maximum quantity: 3
2. Size 24" x 36"
3. File type: PDF (Portable Document Format).
4. Minimum DPI (dots per inch) 150 dpi

1.2.1.2 Concept Statement: include "Convey your Theme" - maximum 250 words on poster.

1.2.1.3 Minimum drawing criteria:

1. Scale of drawings to convey the intent and be legible with minimum scale of 1:100mm.
2. Include the below drawings on the posters:
  1. Floor Plan of each floor
  2. Reflected ceiling plan of each floor
  3. Interior perspectives
  4. Exterior elevation illustrating the collaborative and connection theme at the entrance and the public space in front of the building including the Iron Horse trail as it passes by the building.
  5. interior sections, each illustrating both floors and 2 interior elevations covering key elevations not illustrated in sections



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### 1.3 Submittal Requirements -Material Sample Finish Board

- 1.3.1 Electronic Submission: Provide a photograph (jpg ) of your material sample finish board with physical material samples selected from your design concept.
  - 1.3.1.1 Label all materials and indicate location in design concept. Ensure all labels are legible.
  - 1.3.1.2 Sample finishes board size and quantity:
    - 1. Maximum quantity: 1
    - 2. Size 24" x 36"

### 1.4 Submittal Requirements -Booklet

- 1.4.1 Provide booklet meeting below minimum criteria:
  - 1.4.1.1 Booklet Size and quantity:
    - 1. Size: 8 1/2" x 11"
    - 2. Quantity: 1 Booklet
  - 1.4.1.2 Concept Description
    - 1. Maximum 800 words
  - 1.4.1.3 Specification of one of the five products selected from the ten options below, based on CSC recommended format and presentation style:
    - 1. Natural Stone or Tile
    - 2. Acoustic Treatment
    - 3. Decorative Metal
    - 4. FSC/SFI/CSA Wood
    - 5. Glass
    - 6. Architectural Coatings
    - 7. Light Diffusing Product
    - 8. LED Lighting
    - 9. Wall and or Green Roof
    - 10. Rain Water Reuse and/or Storage
  - 1.4.1.4 Description and location of the specific materials individually chosen to address each five of ten categories selected and incorporated into your design from listed above.



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### 1.5 Submittal Procedure - Electronic Submission

- 1.5.1 Submit your initial submissions electronically using Dropbox file sharing system.
- 1.5.2 You will be required to create a dropbox account, and you will be responsible for uploading your own submissions. Your submissions will only be shared with and viewable by the CSC Student Design Competition committee.
- 1.5.3 Please follow the below instructions to create a Dropbox account, create a folder to share with the CSC Student Design Competition Committee, and upload your submissions for entry into the competition:
  - 1.5.3.1 Go to <https://www.dropbox.com/>. On the top right corner click on "Log in", then click on "Create an account". You will require an active email address.
  - 1.5.3.2 Once you have created an account, you will need to log in to create and share a folder with the CSC Student Design Competition Committee. You can log in here: <https://www.dropbox.com/register#login>
  - 1.5.3.3 Once you have logged in, there are tabs on the left-hand side of your screen that say "Dropbox", "Sharing", "Links", "Events", and "Get Started". Click on the "Sharing" tab.
  - 1.5.3.4 Then click on the tab near the top of your screen that says "Share a folder".
  - 1.5.3.5 A pop-up will give you two options to create and share a new folder, or share an existing folder. Choose the former, and create a folder with this name type "CSC- SDC - FirstName LastName". Click "Next".
  - 1.5.3.6 You will then be asked to invite collaborators to this folder. Please enter the email address "info@cscdesigncompetition.com". Click "Next" and you are done creating and sharing a folder.
  - 1.5.3.7 To upload your submissions, you must open your folder and click on the "Upload" icon near the top.
  - 1.5.3.8 Submissions will then be shared with the CSC Student Design Competition committee who will assess them and contact the finalists.
  - 1.5.3.9 Please contact at "info@cscdesigncompetition.com" if you encounter any issues.

Good Luck!

End of Section



