



Tapping the Future: CSC Student Design Challenge 2020

cscdesignchallenge.ca



Student Design Challenge 2020: *"Tapping the Future"*

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1 00 11 16 Invitation to the CSC Student Design Challenge

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 Location: 321 Courtland Avenue, Kitchener, Ontario.
- 1.3.2 The Building was part of the JM Schneider Meat Processing compound. Built in 1948, the 30,000 sf rectangular red brick building started as the company office and then morphed into the garage to service their fleet of trucks. It is one of three buildings that will be preserved on the property and will become a retail hub for stores and restaurants. Recently purchased by Auburn Developments, the vision for the 27 acre compound will be a mix of residential, commercial, office, retail, and restaurants. In a prime location on Courtland Avenue, the development, now called "The Metz", is located close to the Kitchener Downtown Core and adjacent to the ION rapid transit line.
- 1.3.3 Focus/Theme: This year's theme is hospitality. The site could include amenities like a bar, boutique hotel, restaurant, etc. The sky is the limit.
- 1.3.4 Community: The competition this year continues to embrace the context of being current and relevant. The current owner of the building has agreed to partner with CSC. Our competition will run parallel to the actual renovation of this building to upgrade common areas and prepare shell space for future tenants. JM Schneider Inc was founded in 1890 by John Metz Schneider and was a large employer and an integral part of the community for 125 years.



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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 mindful of the building's attributes and 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 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.

1.6 Existing Building Information

- 1.6.1 Existing building drawings can be found on the iGuide website: <https://goiguide.com/csc>. The constraints, requirements, and rewards are outlined in the competition document set available on the competition website, www.cscdesignchallenge.ca.



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1.7 Incentive

1.7.1 Monetary Incentive: The winning entries will be awarded cash prizes as follows:

- 1.7.1.1 1st place - \$2,000.
- 1.7.1.2 2nd place - \$1,000.
- 1.7.1.3 3rd place - \$500.

1.7.2 Publicity incentive: The results of the competition will be published in Construction Canada Magazine.

1.8 Registration

1.8.1 Registration Start date: Monday, September 23, 2019.

1.8.2 Registration Deadline: Midnight, Monday, April 13, 2020.

1.8.3 Fee: \$25.00. Register on [Karelo](http://www.karelo.com) (www.karelo.com, search "CSC Grand Valley student design challenge").

1.9 Submissions

1.9.1 All participants must register before submissions. Submissions must be uploaded before: Midnight, Friday, April 17, 2020.

1.10 Enquiries

1.10.1 Enquiries can be made at: info@cscdesignchallenge.ca

Good Luck!

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1 00 21 13 Competition Instructions

1.1 Submittal Requirements -Posters

1.1.1 Provide presentation poster meeting below minimum criteria:

1.1.1.1 Poster size and quantity:

1. Maximum quantity: 3.
 1. 2 of the 3 posters will be showcased if entry places in the top 5. Indicate which 2 panels you would like displayed.
 2. Ensure that the print is in contrast to the background so that it is easily read.
3. Size: 24" x 36".
4. File type: PDF (Portable Document Format).
5. Minimum DPI (dots per inch): 150 dpi.

1.1.1.2 Concept statement: Include "Convey your Theme" - maximum 250 words on poster.

1.1.1.3 Minimum drawing criteria:

1. Scale the drawings to convey the intent and be legible, keeping a minimum scale of 1:200 mm.
2. Include the following drawings on the posters:
 1. Floor Plan of each floor.
 2. Reflected ceiling plan of each floor.
 3. Two interior perspectives.
 4. One exterior elevation showing Restaurant signage.
 5. Two interior sections, each illustrating both floors and two interior elevations covering key elevations not illustrated in sections.



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1.2 Submittal Requirements -Material Sample Finish Board

- 1.2.1 Provide a material sample finish board with physical material samples from your design concept.
- 1.2.2 Label all materials and indicate location in design concept.
 - 1.2.2.1 Sample finishes board size and quantity:
 - 1. Maximum quantity: 1.
 - 2. Size: 24" x 36".
 - 1.2.2.2 Electronic Submission: For the electronic submission, include a photograph (jpg) of your material sample finish board. Ensure all labels are legible.

1.3 Submittal Requirements -Booklet

- 1.3.1 Provide booklet meeting below minimum criteria:
 - 1.3.1.1 Booklet Size and quantity:
 - 1. Size: 8-1/2" x 11".
 - 2. Quantity: 1 Booklet.
 - 1.3.1.2 Concept Description:
 - 1. Maximum 800 words.
 - 1.3.1.3 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.
 - 1.3.1.4 Description and location of the specific materials individually chosen to address each five of ten categories selected and incorporated into your design from list above.



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1.4 Submittal Procedure - Electronic Submission

- 1.4.1 Submit your initial submissions electronically using Dropbox file sharing system. Do not forget to pay your registration fee prior to submittal (refer to 'Invitation to Design Challenge' document).
- 1.4.2 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 be viewable by, the CSC Student Design Challenge committee.
- 1.4.3 Please follow the following 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:
 - 1.4.3.1 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.
 - 1.4.3.2 Once you have created an account, you will need to log in to create and share a folder with the CSC Student Design Challenge Committee. You can log in here:
<https://www.dropbox.com/register#login>
 - 1.4.3.3 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.
 - 1.4.3.4 Then click on the tab near the top of your screen that says "Share a folder".
 - 1.4.3.5 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".
 - 1.4.3.6 You will then be asked to invite collaborators to this folder. Please enter the email address "info@cscdesignchallenge.ca". Click "Next" and you are done creating and sharing a folder.
 - 1.4.3.7 To upload your submissions, you must open your folder and click on the "Upload" icon near the top.
 - 1.4.3.8 Submissions will then be shared with the CSC Student Design Challenge committee who will assess them and contact the finalists.
 - 1.4.3.9 Please contact us at "info@cscdesignchallenge.ca" if you encounter any issues.

1.5 Submittal Procedure – Maximum electronic file size

- 1.5.1 Maximum total electronic file size for electronic submissions is 25 MB.

Good Luck!

End of Section