



Tapping the Future: CSC Student Design Competition 2021

cscdesignchallenge.ca



Student Design Competition 2021: *"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 Location: 498 Eagle St, N in the heart of old Preston neighbourhood of Cambridge, Ontario.
- 1.3.2 Originally a textile and dry goods import hub, the property is best known for its second use as one of the leading Canadian wool mills, along the Speed River. Regional Mennonites communities would use it. The new owners, Forge & Foster, have converted some of the space into new offices, and there is a large warehouse at the back which is the focus of the Design Competition.
- 1.3.4 Focus/Theme: The space actually lends itself to a Hospitality theme with possibilities ranging from gaming lounge to boutique hotel to health/wellness space to art gallery. With the access to the river, the options are limitless. There are three parks close by, Riverside Park, Studiman Park and Linear Park. The building is located on Eagle Street N., accessible by local transit and bicycle trails to get to downtown Cambridge. It is located minutes from highway 401, off Speedvale/ Concession Road.
- 1.3.4 Community: The competition this year continues to embrace the context of being current and relevant. The current owner of the building, Foster & Forge, has agreed to partner with CSC. Our competition will run parallel to the actual transformation of this building as Forge & Foster plan to reinvent the property as an innovation district that provides a variety of spaces to young companies and entrepreneurs who moving out of their garage, or thriving organizations looking to customize a standalone four storey office for their next headquarters.



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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 buildings 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



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1.6 Existing Building Information

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

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: Thursday, December 10th, 2020
- 1.8.2 Registration Deadline: Midnight, Wednesday, April 22, 2021
- 1.8.3 Fee: \$25.00. Register on Karelo (www.karelo.com) search for 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 28, 2021.

1.10 Enquiries

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

Good Luck!

End of Section



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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
2. Size 24" x 36"
3. File type: PDF (Portable Document Format).
4. 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 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. 2 Interior perspectives
 4. 1 Exterior elevation showing Restaurant signage
 5. 2 interior sections, each illustrating both floors and 2 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 listed above.



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1.4 Submittal Procedure - Electronic Submission

- 1.4.1 Submit your initial submissions electronically using Dropbox file sharing system.
- 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 viewable by the CSC Student Design Challenge committee.
- 1.4.3 Please follow the below instructions to create a Dropbox account, create a folder to share with the CSC Student Challenge 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 Competition 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 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 must not exceed 25 mb.

Good Luck!

End of Section