

The Challenge: Outdoor Cinema

The difficult times of the current coronavirus pandemic have forced many people to socialize outdoors. Indoor movie theaters and concert halls are currently open, but they operate with a higher risk of virus outbreaks than outdoor venues.

The competition asks students to design an outdoor cinema where people can gather without compromising social distancing guidelines. The cinema is to be located in Vancouver and is to be able to operate all year round.

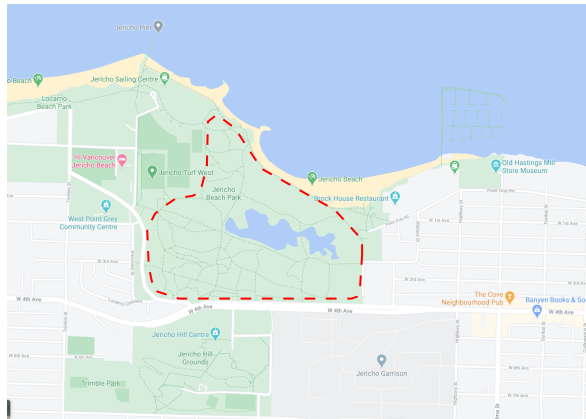


Collaboration

The intent of this submission is to foster collaborative design between engineering and architectural students. In the design world, although these two disciplines work together with the same end goal, they often want to take different paths towards that goal, each with its own agenda. To achieve a successful project in today's challenging building environment, everyone on the team must pull together. Likewise, with this project students are required to collaborate across disciplines, learning valuable skills about collaboration at an early stage.

Requirements

- + Site: Jericho Beach Park (any 30mx30m available space within the red dotted line below)
- + Audience: 100~120 people
- + Distancing: Minimum separation of 2m between groups of two to six



Technical Constraints

- + Full natural ventilation required
- + Heating required (theater must be able to operate all year round)
- + Seats must be protected from the rain at a 45 deg angle



- + The noise of the rain should be considered
- + Internal columns are allowed
- + Screen: Min. 3m high x 6m long and must be protected from the rain
- + Any material may be used

Sight-line Requirements

- + No columns must obstruct the sight lines to the screen
- + When seated, people in front should not obstruct sight lines to the screen unless they are walking around
- + The seating platform can be flat, but other arrangements are also acceptable. The structural design of the seating platform (if any) does not need to be included in the submission.

Foundation requirements

- + If the foundation is required, show the conceptual design, but no detailed design & calculation is required
- + Any material is acceptable, but the constructibility depending on the temporary or permanent case must be considered.

Submission Requirements

Your submission should consist of two 11x17 pagers of images and one to two typed pages explaining the thinking behind the design. The drawings should contain at minimum a plan, section and elevation sufficient to describe the project. Conceptual and/or final sketches and images may be included to explain the relationship of the design to site and/or cultural context.

Eligibility

The competition is open to all students registered at UBC. Each team should be collaborative. For assistance, or to be placed on a team, please see contacts on this outline.

Schedule

- + Launch & Information Session: Tues, October 6 @5pm
- + Crit Session: Thurs, October 29 @5pm
- + Submission Due Date: Monday November 23 @4pm

Prizes

- Cash prizes will be awarded and the winners will be featured on the Fast + Epp website
- + 1st Prize: \$1,500
 - + 2nd Prize: \$600
 - + 3rd Prize: \$400

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