

IAKS Canada Community Centre Tour

Mississauga Ontario

5 June 2025



Burnhamthorpe Community Centre



Churchill Meadows Community Centre

IAKS Canada invites to community centre tour

Two inspiring facilities in the Mississauga area will be explored on 5 June 2025: the recently completed Burnhamthorpe Community Centre and LEED Gold Certified Churchill Meadows Community Centre.

Designers from both architecture firms – MJMA and CS&P Architects - will provide eye-opening insights on the design programme. Impressive visitor numbers speak for themselves. The operators of the two centres will present the operating concepts of the popular facilities.

The tour not only offers an exclusive look behind the design and operation of the centres, but also leaves plenty of room for answering questions and exchanging expertise.

Networking can continue after the tour over lunch.

Participants

Operators of municipal and private sports and leisure facilities, architects, planners, investors.

Free participation

IAKS Canada is proud to announce that participation is free of charge.

Registration

Secure your place at

<https://Mississauga2025.eventbrite.de>

Churchill Meadows Community Centre



Burnhamthorpe Community Centre



THURSDAY, 5 JUNE

10:00 am - 11:00 am
Churchill Meadows CC

5320 Ninth Line
Mississauga, ON L5M 2S2

11:00 am - 11:30 am
Travel to Burnhamthorpe

11:30 am - 12:30 pm
Burnhamthorpe CC

1500 Gulleden Dr
Mississauga, ON L4X 2T7

12:30 am - 1:00 pm
Travel to Lunch

1:00 pm - 2:30 pm
Earls Kitchen + Bar

199 N Queen St,
Etobicoke, ON M9C 1A7

Churchill Meadows Community Centre

Mississauga, Ontario

Size: 74,000 sf / 6,875 m²

Value: AUD 64.6 million

Completion: 2021

LEED Gold Certified

Program

Aquatic Centre (6-Lane 25m Lap Pool, Leisure Pool, Changerooms), Triple Gymnasium, Fitness Studios, Multipurpose Rooms, Outdoor Program (Sports Courts, and Fields, Skate Park, Skating Loop, Splash Pad, Dog Park, Community Gardens)

Select Awards

2024 Dezeen Awards – Civic Shortlist

2024 Dezeen Awards – Health and Wellbeing Shortlist

2024 Canadian Interiors Best of Canada Awards – Institutional

2024 Lieutenant Governor's Award for Design Excellence in Architecture

2024 Governor General's Medal in Architecture

2024 Ontario Association of Architects – Design Excellence Awards

2023 Mississauga Design Excellence Award

2023 Mississauga Urban Design Awards – Award of Health by Design

2023 IOC IPC IAKS Architecture Prize

2023 Canadian Wood Council Wood Design & Building Awards - Honor Award

2022 AIA International Design Excellence

GREEN DESTINATION

The project is situated within a rapidly growing neighbourhood in Mississauga. It converts a 50-acre agricultural field into a richly textured parkland with a 75,000 sf Community Centre as its focus. This park connects to an existing multi-use trail system, making it a new destination in the network. Together building and park comprise a vital hub for leisure, sport, and recreation. Their design embodies the City of Mississauga's commitment to advancing the wellbeing of its communities, individuals, and the environment.

The centre's simple yet dynamic forms signals its purpose as a neighborhood landmark for social gathering and healthful activity. The building is set diagonally, with its four elevations facing each cardinal direction. It acts as an orientation device, organizing the amenities within the park – playing fields and courts are aligned with the building for optimal solar orientation.



PAVILION & PARK

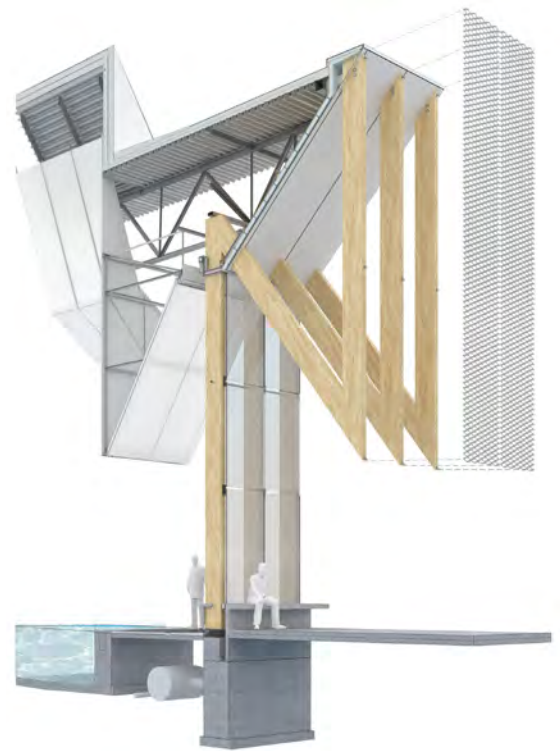
The community centre is integrated with the surrounding landscape both programmatically and formally—something often lacking in projects with separate building and park components. The building includes spaces directly accessible from outdoors, such as the park office and washrooms. Deep cantilevers on the building's exterior provide shelter and shade for a walking track around its perimeter, as well as those using the adjacent sports fields, playground, and splash pad.



MASS TIMBER

The particularly striking canopy that runs along the west and south facades extends and makes visible the building's Mass Timber structure—an array of glulam columns that provide structural and curtainwall framing. This structure is clad in expanded aluminum mesh that protects the wood from the elements, while filtering light to mitigate glare inside the lobby, pool, and gyms.

The glulams are made of black spruce and designed to work in groups of three to resist bending forces from the roof load. Braced at the bottom by a precast bench, the members are also spaced with a minimal steel member at the mid-span. The lateral restraint systems of the building are furthermore buried within the change-room bar running along the east side of the building. The result is a simple wood structure with almost no visible bracing members and an elegant verticality.



Burnhamthorpe Community Centre

Mississauga, Ontario

Size: 43,000 sf / 4,000 m² (addition)
65,000 sf / 6,040 m² (existing)

2022 Value: AUD 34 million

Completion: 2024

Program

Aquatic Centre (6-Lane 25m Lap Pool, Leisure Pool, Family Changerooms), Fitness, Fitness Studio, Fitness Change Rooms, Multipurpose Rooms, Outdoor Program (Multipurpose Lawn, Flexible Hard Surface Area, Public Art, Accessible Parking)

A New Community Face

The Burnhamthorpe Community Centre is situated in a community experiencing rapid intensification and an aging population. As part of the City's Infrastructure Strategy the existing community center was identified as a key project to develop to address the older adult population and solidify the center's role as a community hub for a growing area. The project's design provides a new inviting face to the community, creating transparency, improved circulation and orientation. The new addition transforms the exterior presence of the community facility while also improving its connection to the surrounding public spaces. A new park space is located at the most prominent corner of the site and provides outdoor multi-purpose space and leads to a new pedestrian focused entrance.

CS&P Architects

SUSTAINABILITY

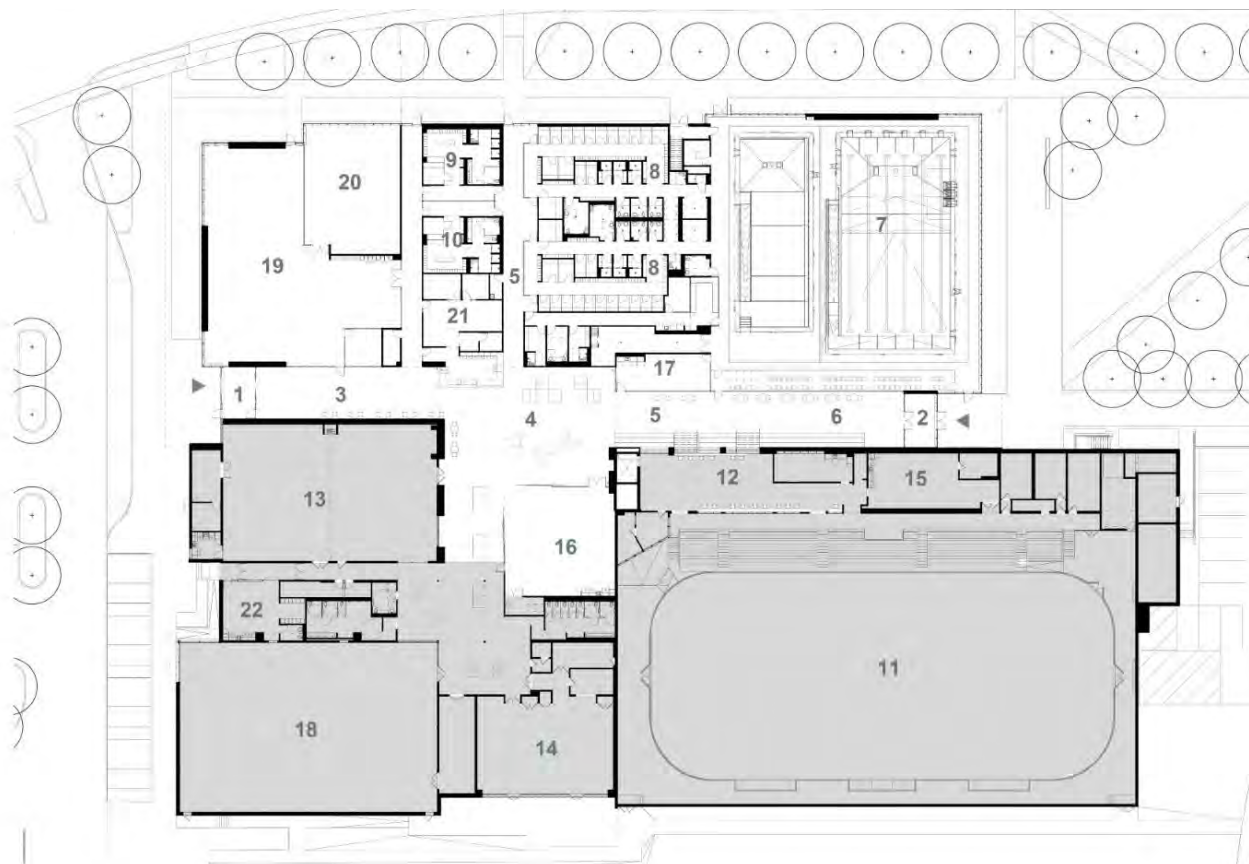
The Burnhamthorpe Community Centre Renovation and Expansion creates a green and sustainable low energy facility, using the new Mississauga Corporate Green Building Level 1 Standard, as a pilot project. The project incorporates the City of Mississauga's Green goals as expressed in the City of Mississauga Strategic Plan, leading to change that supports a more responsible and sustainable approach to the environment. The sustainability strategy includes a high-performance building envelope using passive house principles, triple glazing, a low carbon heavy timber structure, solar thermal PV, an extensive green roof, high efficiency air source heat pumps as well as an ultra-efficient refrigeration retrofit for the ice arena. The importance of natural lighting, improved ventilation views to the outdoors, and connection to nature, were also key sustainability principles to guide the design.



ACCESSIBILITY



The design goes beyond the City of Mississauga's Facility Accessibility Design Standards (FADS) to ensure a truly inclusive and accessible design. The entrances are flush to grade, and the design prioritized the concept of the new addition to be all on one level. A large barrier free elevator has been added to facilitate access to the existing lower-level ice arena and change rooms. The project is the first pool in Mississauga to have both change rooms designed to be gender neutral. Each change room includes private change stalls, private showers, and include universal changerooms with overhead lifts, and adult sized change tables. The pool tanks have both a shallow leisure pool and lap pool, both with barrier free ramps, and both with a portable accessibility chair for enhanced access when needed.



- 1 West Entry Vestibule
- 2 East Entry Vestibule
- 3 West Entry Corridor
- 4 Town Square
- 5 Viewing Gallery
- 6 East Entry Corridor
- 7 Lap & Leisure Pool
- 8 Universal Change Rooms
- 9 Men's Fitness Change Room
- 10 Women's Fitness Change Room
- 11 Arena
- 12 Observation Gallery
- 13 Multi-Purpose Room 1
- 14 Multi-Purpose Room 2
- 15 Multi-Purpose Room 3
- 16 Multi-Purpose Room 4
- 17 Multi-Purpose Room 5
- 18 Gymnasium
- 19 Fitness
- 20 Fitness Studio
- 21 Administration
- 22 Parks Office

