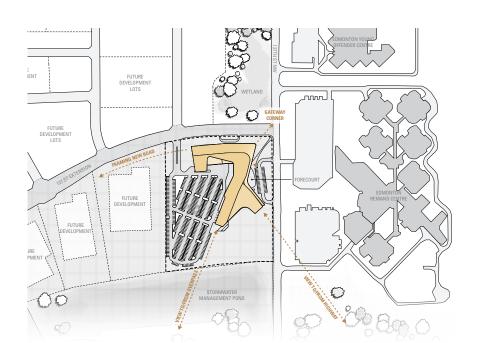


# EDMONTON POLICE SERVICE Northwest Campus The core inspiration for the Northwest Campus project was the Edmonton Police Service's (EPS) decision to integrate, for the first time, previously dispersed functions in a single, community-focused facility. The intent of the design was both to provide EPS with the infrastructure in needs to deliver its mission and to physically express and advance the core values of EPS—integrity, accountability, respect, innovation, courage and community. The building's dynamic, organic form and spatially interconnected organization capitalize on an unprecedented opportunity to infrastructurally support EPS in building strong relationships among previously disparate internal functions, while creating a dynamic vet welcoming and secure interface with the wider community.



A Prairie Form: The facility's low, stretched form evokes the subtle beauty of the surround landscape of central Alberta.

## FIG 3

FIG 1

The building deliberately frames and forms urban connections while naturally framing both a welcoming public forecourt and large secure court.

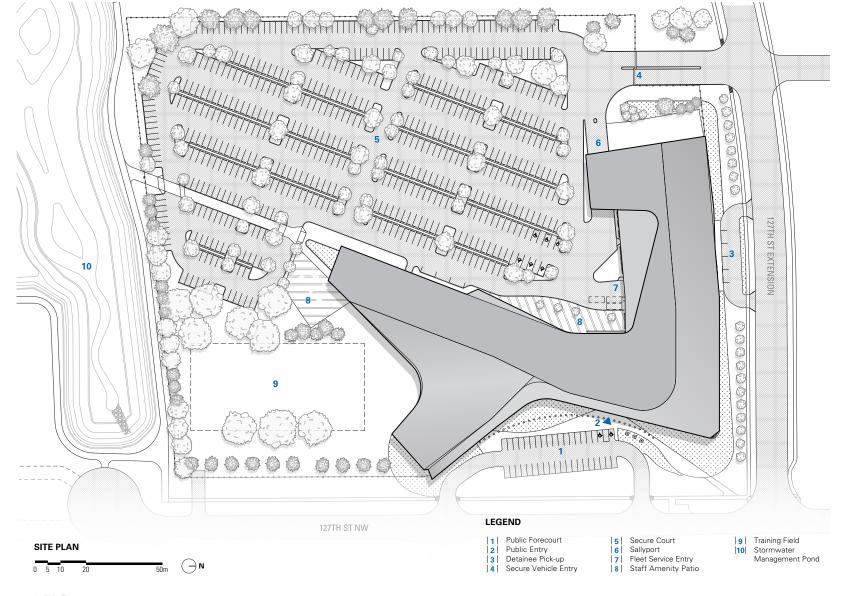
The building is located on the northwest edge of Edmonton, Canada, adjacent a ring highway encircling the city. The facility was conceived as a civic focal point, physically expressing EPS's forward-thinking values by creating positive relationships within a new community and shaping connections beyond. The architecture creates a transparent and welcoming public front, a dynamic gateway into the city from the north, an animated streetface for new public roads, and a visible relationship to the adjacent highway and city beyond. In contrast to the typical North American siting of police buildings behind large parking lots, the building mass was shifted toward the street, creating an urban and accessible frontage while allowing the building to integrally frame a large secure court.

Both environmental and social sustainability were foundational drivers of the design. Geared toward energy efficiency in a cold climate, the building is detailed with a high-performance rainscreen assembly featuring continuous outboard insulation and a distinctive standing seam metal cladding on thermally broken clips. High-performance curtain wall and HVAC systems complement the envelope strategy. Maximizing the facility's beneficial impact on the wellbeing of both EPS' members and recruits as well as members of the community required careful and creative spacing planning to create bright and welcoming spaces while balancing rigorous security requirements.



# FIG 4

The dynamic building form reaches out toward the nearby ring road highway, a beacon signaling connection with the community and city beyond.



# FIG 6

Site Plan: In contrast to typical practice, the building mass was deliberately shifted toward the street, creating an urban and accessible frontage while allowing the building to integrally frame required secure outdoor areas.



# FIG 8

A New Civic Anchor: The building form organically frames a public forecourt and marks both a gateway into the city from the north as will as a focal point for a planned new neighbourhood.



# FIG 9

A Gateway Moment: Glazing integrated with a feature convenience stair wraps the building's northeast corner, flowing into the facility's urban forecourt.



SOUTH

WEST

LEVEL 1 PLAN

LEGEND

| 1 | Main Public Entry | 2 | Public Lobby | 3 | Campus Lobby

Elevations: On public frontages, standing seam roof transitions seamlessly to wall, emphasizing a unified form. Sloped and profiled grey-tinted precast panels are employed at facades addressing secure staff areas.



**FIG 5** 

Level 1 Plan:

The main level integrates public access to the new division station alongside training, bullpen, records management, and temporary detention programs. Staff areas are knitted together with an open an intuitive double-height circulation spine.

| 5 | Bullpen | 6 | Vehicle Service Area | 7 | Detainee Management Unit

# **FIG 10**

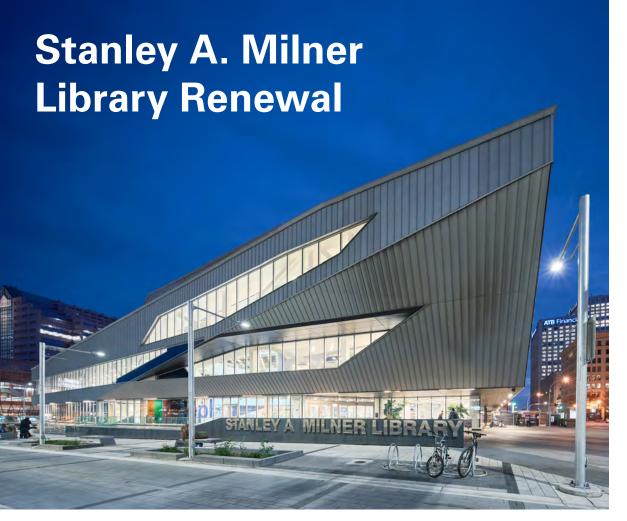
A Deliberate Geometry: Curving, angular planes stretch apart and converge, organically opening at moments of transparency.



**ELEVATIONS** 

# **FIG 11**

View from Collaboration Area: The building's organic form and use of large windows shape bright and highly interconnected shared spaces that maximizes exterior views.



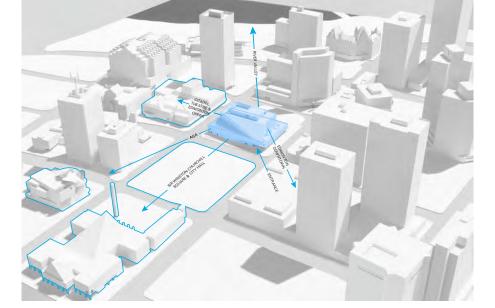
# FIG 1

On Edmonton's Winston Churchill Square, the dynamic new Stanley A. Milner Library ignites the cultural civic square by stretching out and opening up toward nearby landmarks.

The Stanley A. Milner Library Renewal was conceived to reimagine and reshape the existing library as a physical expression of EPL's forward-thinking values and civic role—The Library of the Future. The building's skin and circulation orchestrate the experience of the library. The multi-storey atrium creates a variety of inspiring spaces, interconnects multiple program spaces and destinations, woven together by an intuitive and accessible circulation path. With 21st century library amenities including a third space, large galleria spaces, café, children's library, makerspace, teaching kitchen and an Indigenous gathering space (designed in collaboration with local Cree Elders) the renewed building supports the library's position as a social and creative hub.

Inspiration for the dynamic exterior began with the desire for the new "skin" of the building to be more than a cosmetic application. Introduced as a continuous wrap around the building, the new skin was offset and stretched off the original building making visual connections to adjacent landmarks. By stretching and opening out to the City, a meaningful relationship is created where the surrounding urban environment helps shape the life of the Library and vice versa. As part of the renewal, an accessible, civic plaza space was restored, a new public galleria connects Sir Winston Churchill Square and Centennial Square, and connections to the new LRT station inside and out.

Sustainability was an integral component of the design of the renewed library. For the creation of a highly durable, high-performance envelope a zinc metal was chosen to work with the form of the building and reflect the timelessness of the design.



# FIG 2

The building's outward-looking form maximzes visual connections to adjacent buildings and public spaces.



# FIG 4

Key moments of transparency, coloured skylights, glazing panels and EPL signage, combined with a new plaza with clear views into the library's programming, invite the public inside.



# FIG 3

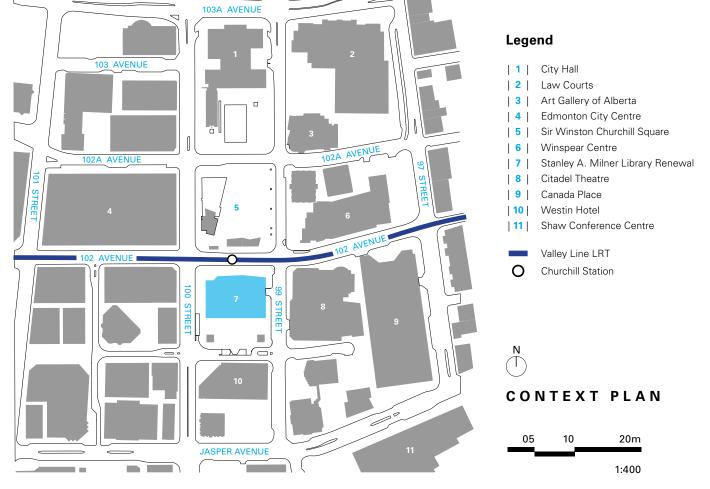
The renewed library is a welcoming portal between Sir Winston Churchill Square to the north and Centennial Square to the south in the heart of downtown Edmonton.



# FIG 5

View of the exterior north entry plaza. On the ground floor, a colourful galleria seating area provides users with views of the bustling city and entices passersby to enter the building.





# **FIG 7**

Context Plan: Taking advantage of the builing's prominent location in Edmonton's city centre, the renewed building actively supports the library's position as a key social and creative hub.



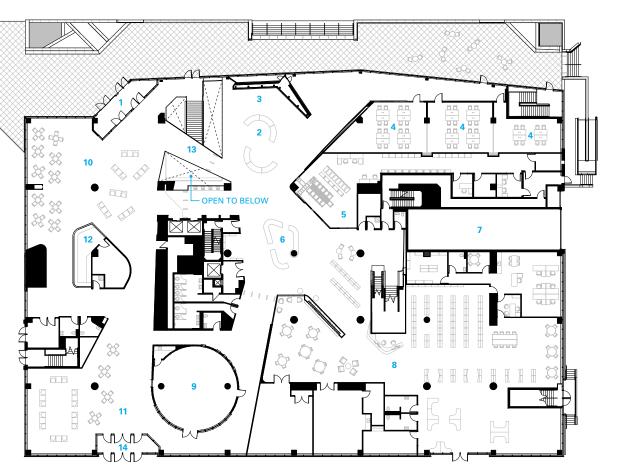
FIG 9

The building's southwest corner; the exterior is in dialogue with the city, inviting users inside.

# **FIG 10**

The new building envelope is composed of durable, high-performance zinc with generous expanses of glazing. Its dynamic form was conceived to relate directly to its urban context—literally stretching out and opening up toward nearby landmarks. The building's skin in turn shapes a network of intuitive circulation paths and inspiring new spaces.

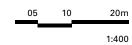




# Legend

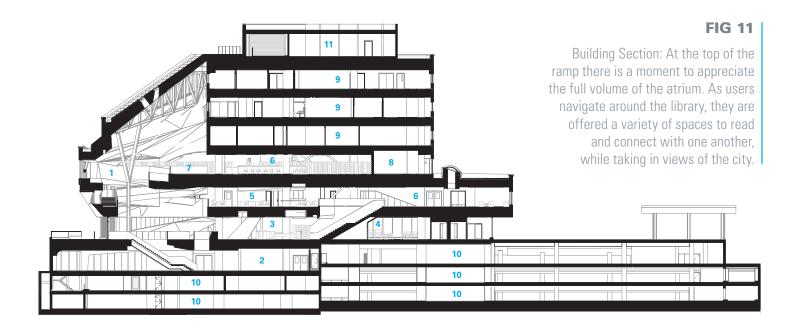
- | 1 | North Entrance
- | 2 | Multi-storey Atrium
- | 3 | Digital Wall
- | 4 | Programs Room
- | 5 | Sorting Room
- | 6 | Service Desk
- 7 | Loading Dock
- 8 Children's Library
- 9 | Indigenous Gathering Space
- | 10 | North Galleria
- | 11 | South Galleria
- | 12 | Future Café
- | 13 | Entrance Bridge
- | 14 | South Entrance

# GROUND FLOOR



# FIG 8

Ground Floor Plan: The reimagined interior spatial organization features a variety of dramatic and inspiring spaces that enhance visual interconnection. Visitors now enter into a bright and welcoming six-storey atrium defined by a sweeping new "reading ramp".



# NORTH-SOUTH **BUILDING SECTION**

# Legend

- | 1 | Atrium
- | 2 | Theatre Lobby
- | 5 | Computers | 6 | Collection
- 9 Offices | 10 | Parkade
- 7 | Civic Room
- | 11 | Mechanical Room
- | 3 | Circulation Desk | 4 | Children's Library 8 Daycare

# EDMONTON CITY HALL PLAZA AND FOUNTAIN

# **DESIGN NARRATIVE**

The City Hall Plaza and Fountain project, in the heart of downtown Edmonton, holds immense significance in the city's civic life. Serving as a hub for year-round activities, the plaza is an accessible and inviting space for all Edmontonians. Originally opened in 1992, the plaza and fountain required significant reinvestment to meet contemporary urban public space standards, including maintenance, accessibility, and safety requirements.

To maintain the essence of the original reflecting pool, the design team sought inspiration from the 1992 design, incorporating elements such as arched fountains, a formal allee of trees, and a symmetrical layout. Accessibility was a key focus, achieved by raising the plaza to create a gentle slope leading up to City Hall and allowing for zero-entry access to the new fountain. This inclusive design approach ensures that, for the first time, individuals of all abilities can access the front door to City Hall.

The core feature of the project is its versatility. The wading pool and fountains can be drained, and the water stored in an underground surge tank, allowing the site to be quickly transformed into an open urban plaza ready to host special events and gatherings. In winter, the fountain seamlessly transitions into a skating rink, with refrigeration lines integrated into the pool basin to support ice-making.

The design team also paid close attention to functional elements, ensuring the new granite surface flawlessly incorporated the perimeter drainage system, fountain jets, and tactile warning strips. These thoughtful additions enhance both the aesthetics and usability of the plaza.

The revitalized design carries forward the tradition of a vital civic space, serving as a gathering point for all Edmontonians. It offers a vibrant year-round experience, accommodating day-to-day activities while hosting a wide array of special events and festivals. The project is a welcoming and accessible public space thoughtfully designed to cater to the community's diverse needs. It stands as a testament to the city's commitment to creating inclusive and engaging spaces to enjoy for generations to come.

# **BIG CITY MOVES NARRATIVE**

The City Hall Plaza and Fountain stands as a testament to Edmonton's vision for the future. Embodying the core principles of the City Plan, this dynamic civic space creates an inclusive and livable environment that caters to the needs and aspirations of all Edmontonians. With a commitment to equal access and a focus on civic life, this space facilitates daily interactions and serves as a hub for hosting special events and festivals.



# TOP

Overview of the plaza and fountain looking towards City Hall.

# **BOTTOM LEFT**

People of all ages and abilities enjoy the new accessible wading pool and fountains.

# **BOTTOM RIGHT**

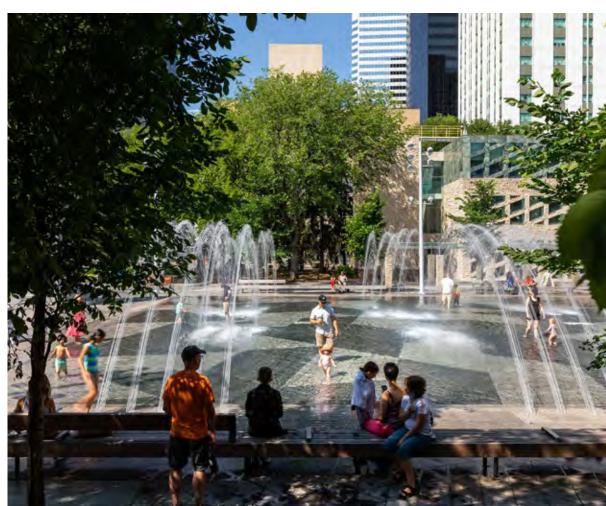
The wading pool is transformed into an ice rink that is level with the surrounding plaza.













# TOP LEFT

View from City Hall of the Plaza and Fountain.

# TOP RIGHT

Overall site plan illustrating the granite paving pattern.

# **BOTTOM LEFT**

View through the allee of trees and benches that ring the perimeter of the fountain.

# **BOTTOM RIGHT**

View of the ice rink.





kihcihkaw askî ("sacred earth") is the first of its kind in Canada: a permanent, urban space designed to facilitate Indigenous ceremony, celebration and education.

Nestled on Treaty 6 Territory, in the greenery of the River Valley just south of Fox Drive, kihcihkaw askî provides a natural setting for ceremonies, sweat lodges, celebrations, knowledge-sharing activities such as tipi-raising and other land-based learning opportunities.

A circular area edged in stone, and equipped with two permanent stone heating devices and water sources, accommodates up to eight sweat lodges. Nearby, another circular space is for tipis; it features a permanent fire pit for ceremonies. A lush amphitheatre with a grassy slope emerges from the ground, offering a place to sit and listen, facilitating educational and cultural exchange. There is indoor space too: a pavilion building houses washrooms, locker rooms, a gathering space and storage for ceremonial items. The ground beneath the amphitheatre is used to store equipment, too.

kihcihkaw askî's architecture is literally and philosophically grounded in the earth: its design minimalist but meaningful. Its structures are simple and sustainable: local materials were used, and they are oriented to maximize solar gain. Solar panels are installed on the pavilion building, to harness the generous sunshine Edmonton receives.



# **EDMONTON URBAN DESIGN AWARDS 2023**



















A striking feature of kinistinâw Park - the red steel canopy

# kinistinâw PARK

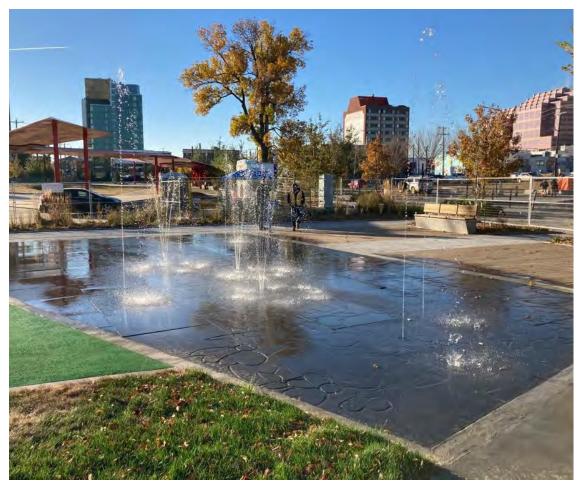
Located in the Quarters district in east downtown Edmonton, kinistinâw park is an important piece in the revitalization of a neighbourhood that is expected to be transformed into a vibrant, inclusive community. Multiple amenities for the redeveloping community are located along this linear park, including open play areas, shaded seating areas, and a natural playground, all woven together by a red steel 'ribbon' canopy offering respect to the area's indigenous and Chinese history. Public art elements produced by an artist reference traditional Métis beading patterns and are integrated into the canopy. The project also includes a water feature, with fountains splashing onto granite pavers and washing across the traditional floral Métis pattern etched into them, as a symbol of the ways in which elements of the Indigenous and Métis culture have been washed away.

The materials and colour palette selected for the park complement Edmonton's changing seasons and bring color and character to the neighbourhood.

A key goal of the project was to use environmentally sustainable landscape design practices. Following the precedent set by The Armature, low impact design features of the park include an irrigation cistern that captures stormwater run-off from the park. Water captured from the cistern provides water to maintain plantings within the park. All planting beds are irrigated by high efficiency drip irrigation utilizing the collected stormwater and plantings include a mix of native grasses and trees.

Extensive stakeholder and public engagement were an integral part of the development of the park. Participants involved in the engagement process included City of Edmonton Administration, community leagues and residents of Boyle Street, Riverdale, and McCauley, members of the broader public, as well as representatives from social agencies in the community including the Métis Urban Capital Housing Corporation, Chinese Benevolent Association, and they Boyle Street Community Services, among many others.

The park is an important first step in revitalizing the neighbourhood, offering a place of respite in the inner city and proving great design can improve lives.



The spray park provides cooling fun for the neighbourhood children



The pattern is inspired by artist Tiffany Shaw's grandmother



The materials and colour palette complement Edmonton's changing seasons



Multiple amenities provide a varied experience



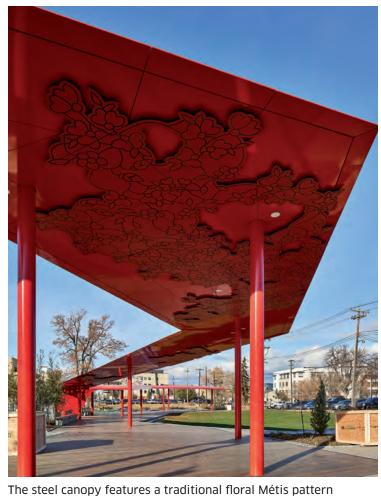
The park is designed to offer beauty and play in the winter months as well as summer



Lighting provides both safety and aesthetics



Low-impact design features include an irrigation cistern that captures stormwater run-off



# Big City Moves

kinistinâw Park represents an intentional and thoughtful approach to building an 'Inclusive and Compassionate' city. The many cultures and peoples who have histories in the Quarters were extensively engaged, and their stories and perspectives were reflected in many features throughout the park. It's a place that represents Edmonton's commitment to Greener as We Grow, utilizing locally captured stormwater to maintain the plantings and introducing a mix of native grasses and trees.







- 1 View from north/west
- 2 Site plan
- 3 View of public art & roof lanterns from north
- 4 Partial north facade with gabion screening walls
- 5 View from north/east to main entrance
- 6 View into maintenace garage



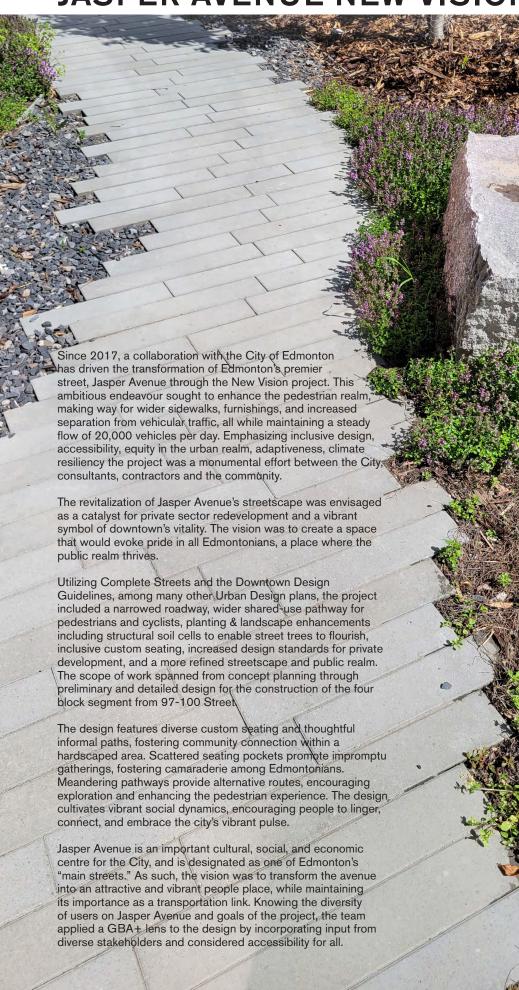




The KATG is a big building on a big site. The form is wrapped with a skin of corrugated stainless steel and glass, drawn across the expansive and simply articulated building, weaving together the disparate programmatic elements within. Large rooftop volumes house mechanical enclosures and lanterns and are clad in the same palette. These are also the site for 5 public art pieces by German artist Thorsten Goldberg, creating a landmark along the busy Fort Road artery feeding Edmonton's Downtown. The site design is put to work to transform and heal 23 acres of brownfield. The removal of 3 meters of compromised soil facilitated the provision of a full

parking level beneath the garage. The remaining site is ecologically greened with planted thresholds, berms, pathways and a dense tree planting grid, collectively achieving an improved microclimate and contributing to significant carbon capture across the site. Extensive swathes of the site are covered with recycled rubber, a continuous bioswale that filters surface water prior to discharge into the municipal system. This soft palette, juxtaposed with the more acute aesthetic of the building, invokes the industrial legacy of the site and of modern architecture without nostalgia for either.

# JASPER AVENUE NEW VISION

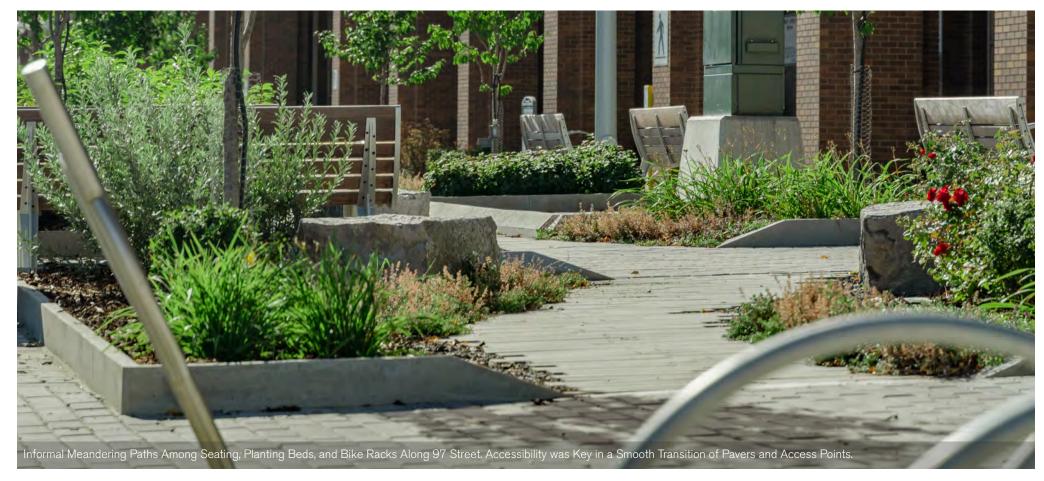






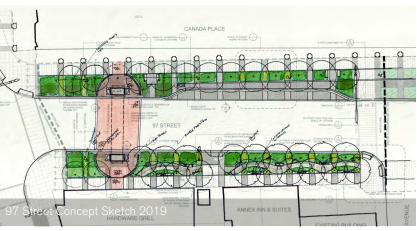






# JASPER AVENUE NEW VISION // 2023 EDMONTON URBAN DESIGN AWARDS



















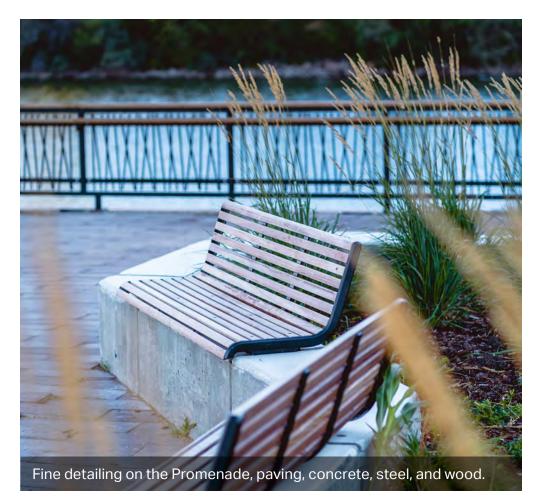
# **Beaumaris Lake Open Space**

Built in the late 1970s, Beaumaris Lake is Edmonton's first and largest stormwater lake. The lake serves as both a stormwater management facility and a recreation destination for residents and visitors. A complete rehabilitation of the public spaces surrounding the lake was completed in 2022. The redevelopment features a series of parks and plazas, nine viewing points, and a promenade, connected by over two kilometers of shared-use pathways.

The West Park is the outdoor hub of the community, with a winding accessible path and a grand staircase connecting the lakeside promenade to the nearby library and shopping precinct. A water feature anchors this civic space and provides an opportunity for informal play.

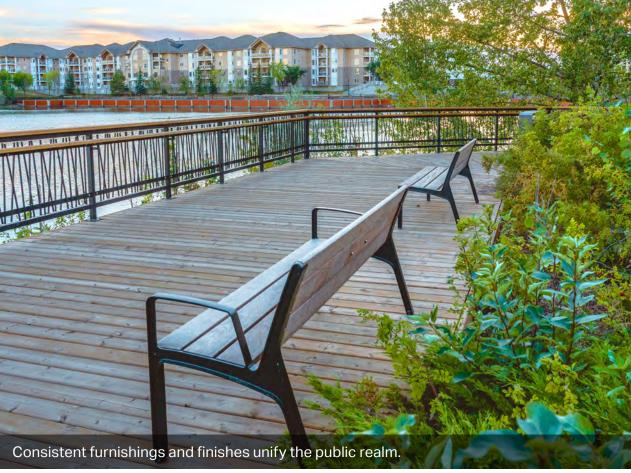
A more formal space, the Promenade has wood-like paving and feature walls with seating and planting. The façade of the wall also received a refresh with a contemporary composite material and bespoke locally manufactured railing.

Rest areas feature signage and space for fitness activities. New finishes and furnishings throughout, as well as new lighting, reinvigorate and will sustain Beaumaris Lake Open Space.



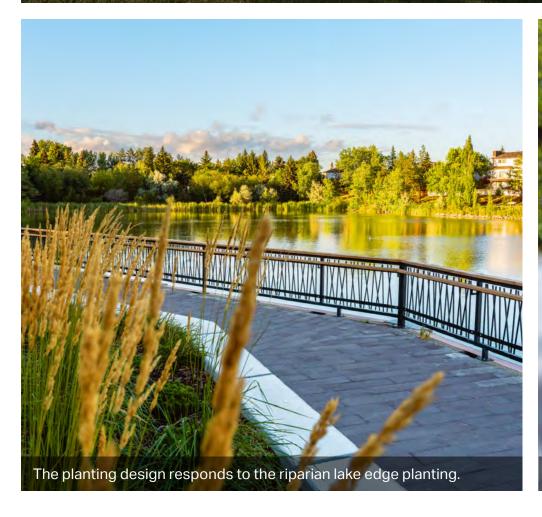


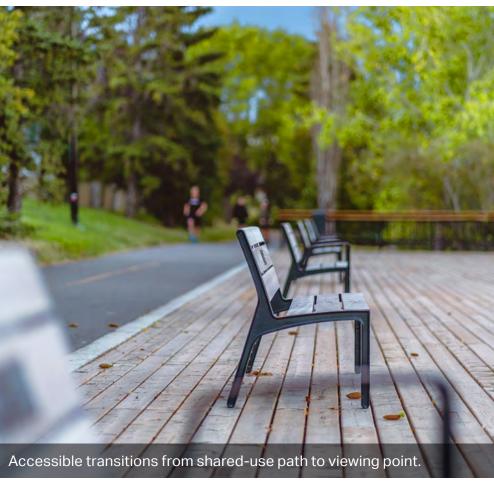












Low impact development was integrated via hard and soft material selection, protection of the lake and surrounding habitat, bioswales, and an overall reduction in hardscape. Interpretive signage provides information on the local environment and function of the stormwater management facility.

The project team is incredibly proud to have delivered the public realm vision developed early in the project with the community: "to provide a high quality, natural environment that supports healthy living by offering opportunities for: tranquility and rest, wildlife and stormwater management education, community gathering, and physical activity." Since completion, the City has received positive feedback from visitors – including "great job!" and appreciation for the "overall feel and look of the place."

# **Big City Move: A Rebuildable City**

"As Edmonton's population grows, it is important that older as well as newer neighbourhoods purposefully adapt to future change and enable ongoing redevelopment" (City Plan, page 160). Due to its age and success as a community amenity, the open space was deteriorating, causing aesthetic and safety issues. The Beaumaris Lake Open Space rehabilitation embodies Rebuildable City principles by recreating and transforming the beauty, safety and capacity of the open space for current and future generations.

# **Highlands Corner Store**

The opportunity to enhance 112 Avenue High Street and the intersection with 65 Street was identified as part of the Highlands Neighbourhood Renewal project. There was a strong desire to refresh the aesthetics and improve the experience of people walking and biking. The heart of the High Street at 112 Avenue and 65 Street was transformed into a community node where neighbours meet and spend time together.

Working with the Corner Store Program and local business and property owners, the team focused on targeted investment in infrastructure upgrades that would support a vibrant and lively public realm and help businesses thrive. Design priorities for a reimagined hub for residents and visitors included:

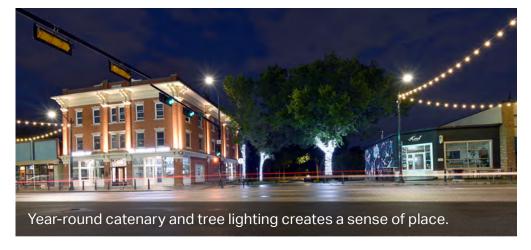
- Retaining mature trees for their character and shade
- Slowing vehicles
- Integrating and elevating the recently completed streetscape on 112 Avenue
- Treatment of the interface with the Gibbard Block (a Municipal and Provincial Historic Resource)
- Winter City design to create an attractive place year-round

Thoughtful design was needed to achieve the vision for a space that could be used for community gatherings, events, or markets. A big move was required, the road was narrowed and raised to create a plaza-like public realm. The city's first continuous crossing was built to provide an accessible space that encourages slower traffic and improves pedestrian visibility as people cross the street.

Sidewalks were widened and regraded to improve access for all. The use of concrete throughout unifies and sets the stage for days when the road is closed for events. Surface finishes and placement create the delineation between the multi-modal users.

Catenary and tree lighting aid in creating a sense of place and pedestrian scale.

Highlands Corner Store is a focal point in the community, is welcoming for all and enables small businesses to prosper. It's a place to meet, enjoy the space, and relax. People even get their wedding photos taken here! Feedback from the community is very positive and the local "Paths for People" tweeted "Great stuff, makes this an even more fun and safe place to be!"













# **Big City Move: Community of Communities**

"A Community of Communities is about making big city life feel less anonymous and more personal. It's about welcoming new residents and developing housing, recreation, schools and employment in all of our districts that can be better accessed through all forms of transportation" (City Plan, page 24). The Highlands project brings this idea to life, supporting active transportation and a district that allows people to easily complete their daily tasks close to where they live.

