

## NORTHERN TRACTION

IN ECOLOGY & PUBLIC SPACE



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and upcoming works.

The shed hosts a new exhibition highlighting the work of contemporary First

#Museum#culture #JunctionPark #artpark #canadianheritage

Nations artists. Large spans particularly suited to display large sculptural works. Addition of multi storey lobby space acts as living signage for the museum's new

TRACK **B** 

extend the operational usage of the venue.

 $\verb|#performance|#music|#outdoorvenue|#bandshell|$ 

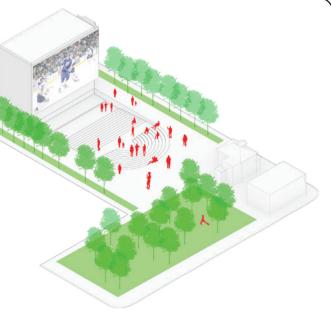
## NORTHERN TRACTION



**Public Market** ♡圓≪白魚

A grand CLT arcade for Memorial Park to host regular farmers markets. Safe commercial spaces offer a resilient way to chart a post Pandemic world.

#publicspace #farmersmarket #outdoorvenue #CLT



THE BOWL

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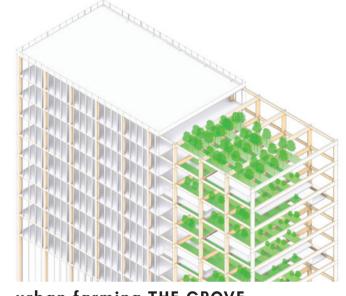
Playing Now! Watch the Sudbury Wolves on the big screen. The Sudbury Theater Center will host an outdoor performance at Shaughnessy Park next week! #publicspace #cultureSudbury #Wolves



performing arts centre JUNCTION WEST

Junction West attracts world class musicians and artists. Regular performances each month organized by the Sudbury Theater Centre

 $\verb|#performance|#music|#SudburyCulture|#publicspace|$ 



urban farming THE GROVE 

New Residence features vertical gardens to support community agriculture.

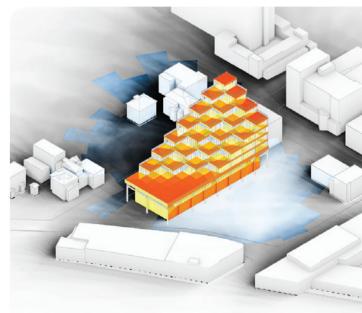
#resilient #neighbor #green #CLT #NatureFactory



## connecting downtown THE BRIDGE

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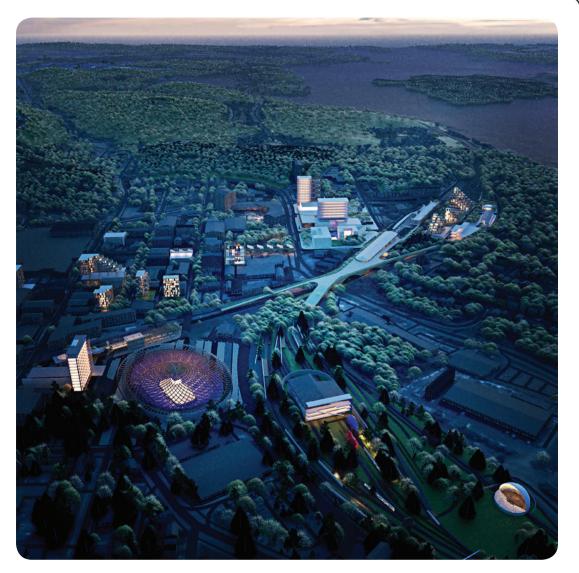
A dynamic CLT catenary structure touches down lightly at strategic points and connects developments happening on both sides of the rail lines. Follow the path to get on Ramsey Lake Loop to start your hiking adventure! Or hop on a bike and cycle down Dynamic Loop!



## **PERFORMANCE**

New Residential Project tested with environmental analysis. Site specificity is key, Solar orientation, Shading, Wind Shedding all play important roles in ensuring thermal comfort #environment #newneighbor #wind #solargain

#shadowstudy



SUDBURY 2050

#CLT#structural#optimization#regional#connectivity#hiking#urban#adventures

## NORTHERN TRACTION



This phase is about sharing a collection of urban gestures and inviting the public to respond through a collaborative digital platform: an app. We envision an active community discussion board to gather asynchronous feedback from the public, and for the community itself to propose their own gestures. Online or Offline, city making is a conversation that occurs through urban gestures. Those gestures that gain traction are 3D printed and exhibited on a physical model for public view digitally and in person. The aim of phase 00 is to begin to undertsand Northern Traction and define the culture of Sudbury.

The entertainment district is proposed at the site of the current Energy Court Parking Lot, an under performing light industrial area. Bringing the development to the downtown core will serve as a catalyst for further development, increase tourism, and support local business. The innovative use of CLT in the construction of the stadium galvanize the construction industry to pursue more sustainable techniques.

# Hotel

## **Planned Developments** Underway

**Conference Centre** Research conducted at MSoA, the Centre for Research and Innovation in the Bio Economy and CLT manufacturing facilities attract international attention with conferences held at Junction West.

2020 -

### **Sudbury Wolves Arena**

The economic and cultural success of Phase 01 will support the developments of phase 02. This includes the redevelopment of the west side of the Sudbury Railyards which are planned for relocation outside of the city. In addition, ecological and cultural development occurs across the city's underutilized lots responding to a range of markets from low income to luxury

## HASE

The newly developed east side of Junction Park is zoned for a mixed use development. In addition to retail and recreation, a range of income corresponding residential low and midrises are proposed in an effort to ensure equality and equity within the downtown core.

The Cultural, Institutional and Ecological developments of previous phases continue to generate capital to support the construction of a connective tissue to link East and West downtown together with the broader Sudbury Region.

### Revenue generated by the developments will aide in the funding of the redevelopment of the Sudbury railyards into a cultural and ecological node within the city and greater region.

**Performing Arts Centre Junction Park** The Sudbury Theater Centre moves to newly expanded facilities that can support interior and open air performances attracting world class performers and supporting local artists. Resilient spaces make for a diverse cultural scene.

Casino

## Low Income Housing

Supporting the community with connections to public space at Memorial Park and the YMCA.

## Residential infill

Systematic Transition of open lots to more efficient multi storey parking structures frees up the downtown for residential density.

## Attordable Housing

## **Luxury Living**

New Neighborhood includes a mix of programs and prospective residents, with an emphasis on senior living and long term care.

## **Long Term Care**

**Luxury Living** 

## Recreation fields

**Assisted Senior Living** 

## Connective Tissue and Integrated Market

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**Culture District** 

**Entertainment District** 

Junction Park