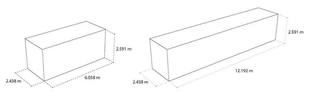
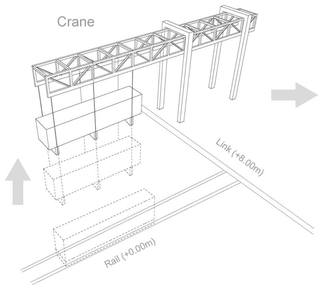
Turcot Park

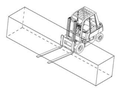
M-Units

Based on the dimensions of shipping containers, M-Units are designed as movable units that can travel between Links using the existing rail infra-structure. Once there, they can be deployed along the open spaces to accommodate a variety of urban functions. They can accumulate or disperse based on a set of daily or seasonal parameters which may include weather conditions, intensity of use, events, etc.

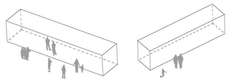


Container dimensions

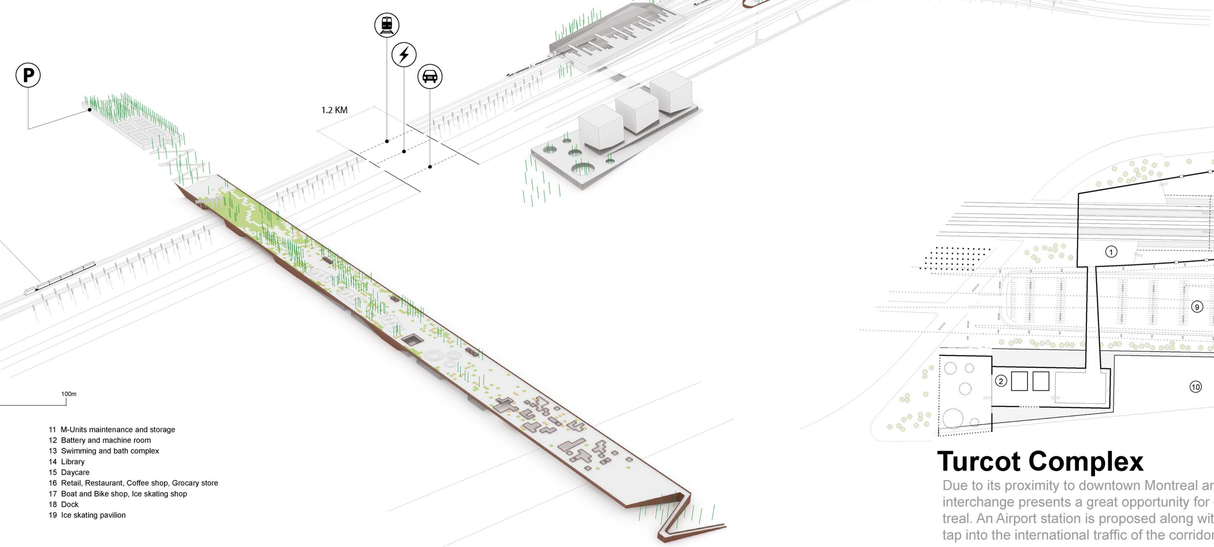




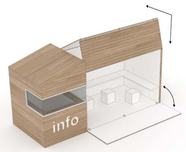
Forklifts move the M-Units throughout the park



M-Units in use

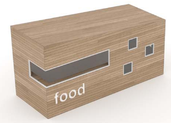


1 Water feature
2 Plaza
3 Tennis courts
4 Ramp connecting to Saint-Jacques Escarpment
5 Crane
6 Outdoor events and gathering spaces
7 Basketball courts
8 Skating area
9 Openings to below park and canal
10 Underground parking at level +24.00
11 M-Units maintenance and storage
12 Battery and machine room
13 Swimming and bath complex
14 Library
15 Daycare
16 Retail, Restaurant, Coffee shop, Grocary store
17 Boat and Bike shop, Ice skating shop
18 Dock
19 Ice skating pavilion



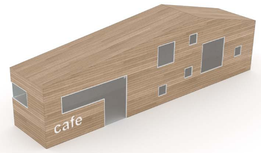
M-Info

Information kiosk and internet access



M-Food

Snack and food bar

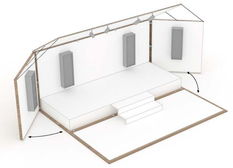


M-Cafe

Cafe and bar

M-Room

Multi- purpose rooms able to host a variety of programs including exhibi-tions, small library or community meet-ing room. The unfolding of the facade allows for seasonal use.



M-Stage

Unfolding stage housing audio and video equipment, able to deploy at various locations with ease.

M-shop

A movable unit able to house retail or workshops.

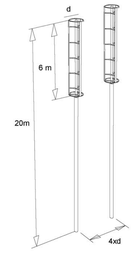
Energy Park

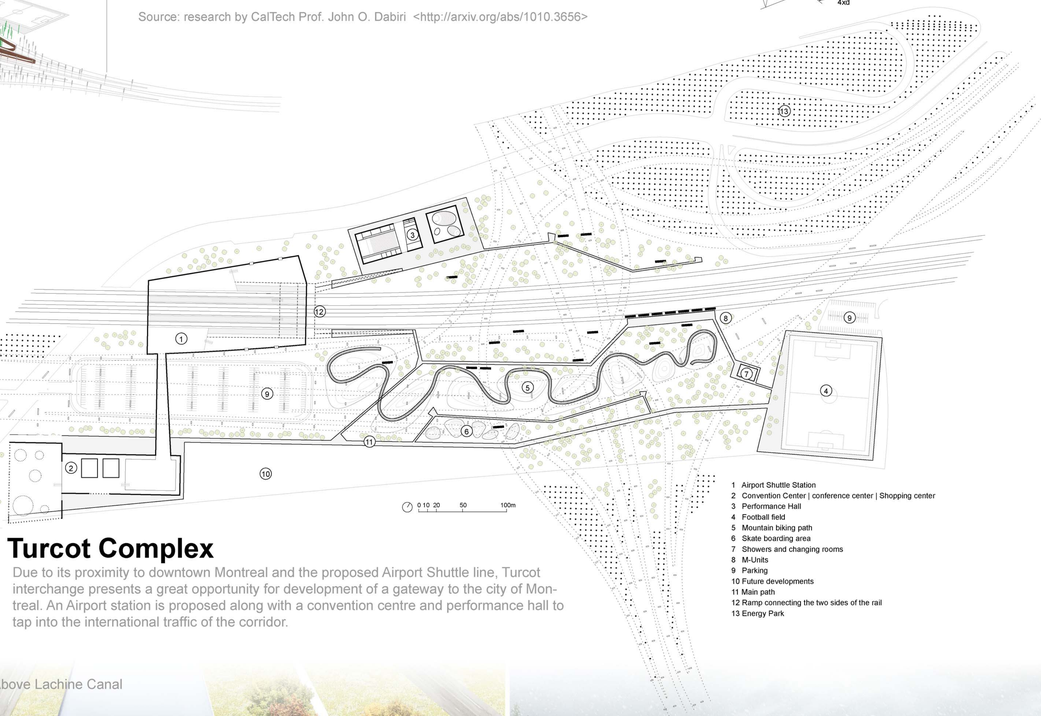
A series of specifically designed turbines occupy the residual spaces created at interchanges and along the corridor. These turbines will take advantage of the most recent studies and research in wind farm management and structure to take full advantage of their limited space.

Based on the latest research, a greater number of Vertical Access Turbines (VAWTs) placed close together can generate 10 times more energy per square meter than the conventional Horizontal access Turbines (HAWTs).

As an added bonus VAWTs are more quiet and more environmentally friendly than HAWTs, and due to their low-profile appearance, pose less of a visual disturbance.

Source: research by CalTech Prof. John O. Dabiri <http://arxiv.org/abs/1010.3656>





1 Airport Shuttle Station
2 Convention Center | conference center | Shopping center
3 Performance Hall
4 Football field
5 Mountain biking path
6 Skate boarding area
7 Showers and changing rooms
8 M-Units
9 Parking
10 Future developments
11 Main path
12 Ramp connecting the two sides of the rail
13 Energy Park

Turcot Complex

Due to its proximity to downtown Montreal and the proposed Airport Shuttle line, Turcot interchange presents a great opportunity for development of a gateway to the city of Mon-treal. An Airport station is proposed along with a convention centre and performance hall to tap into the international traffic of the corridor.

Turcot Park | View from A20 Highway | Travelling West

Turcot Park | Bird's Eye View | Above Lachine Canal

Turcot Complex | An open space within the Interchange

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