

Final Report

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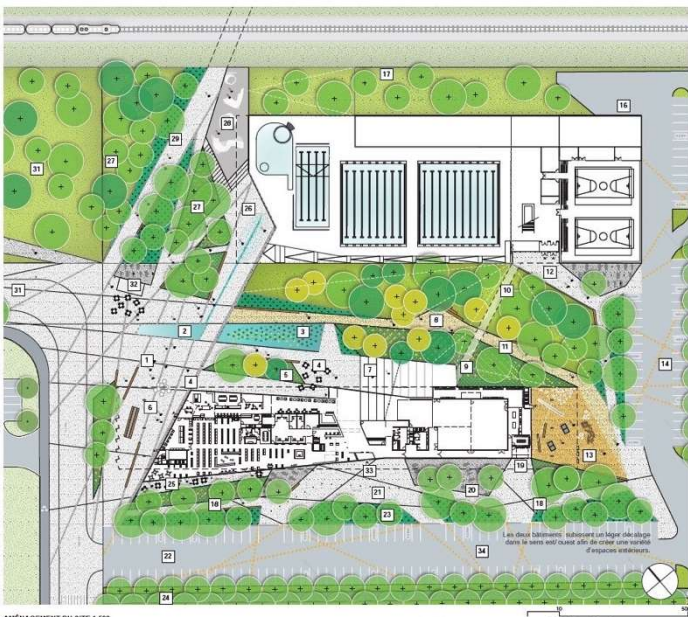
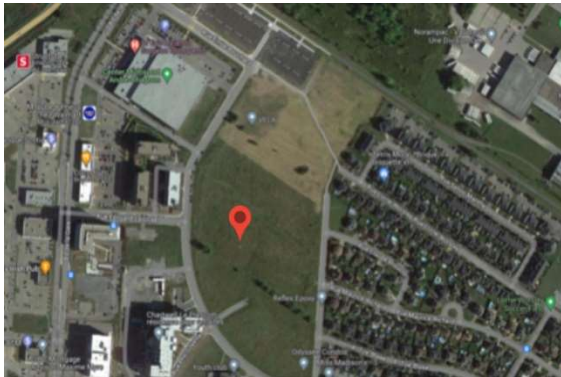
J7V9R2

Introduction to architectural technology

221-130-VA

Section 00003

Project title: Pôle Municipal



Phase 1

The Pôle municipal is a library, city hall and a public space for everyone to enjoy. It's a new construction project located in Vaudreuil-Dorion. The project officially started on November 1st, 2022, and it is planned to be finish by 2024. The building will have 3 floors in total with an approximate area of 7000m to 8000m² and a 3000m² area for the library. The owner is the municipal government of Vaudreuil-Dorion, and the client is the city of Vaudreuil-Dorion. The architects working on this project are Lapointe Magne & Associés and L'OEUF Architectes. The landscape architect is NIPPaysage inc. The project manager is Philémon Gravel, along with L2C as structural engineers, Équipe Laurence as civil engineer, Dupras Ledoux ingénieurs as electrical engineer and group Geyser as the contractor. It is being financed by Federal Quebec and Canada by \$4.9m and the total cost of this project is \$73.3m. Currently, the Pôle municipal is under construction and the building envelope is getting installed.



Phase 2

A week after our first visit to the site on September 17th, 2023, the site has made continuous progress on the building structure and development. They started putting up the wood framings of the windows, the exterior walls, and the interior cladding composed of large windows and translucent panels. The building will make the most of energy efficiency because it has been designed to promote the use of passive energy. Throughout our observation, we have accumulated information of the project provided from the websites posted online. However, we had some difficulties verifying for the classification of the building and contacting them, however, knowing that the Pôle Municipal is a high traffic building with government offices we think that its classification is either A-1 or A-2. Due to their busy schedule, we are not able to gather more information regarding the project from the architects and engineers. We expect the building envelope to follow the structure because it looks like the rendered picture on their website. The building seems like it will fit with the scenery since it is close to a lot of high-rise and modern apartments.

Progress pictures:



September 17, 2023



September 24, 2023



October 17, 2023



October 27, 2023



November 30, 2023

Phase 3

The Pôle Municipal is a combination of public and private space with several types of services around the area such as easy access for transportation, near a sports complex and city hall but also, not too far from the main highway. Its location was chosen on purpose to be easily accessible by the entire Vaudreuil-Dorion population with 51% of the residents living 2km or 95% living 4km from the site. The Pôle Municipal is a high traffic building with government offices we think that its classification is either A-1 or A-2. Fun fact: This project was initially cancelled due to market condition and because they underestimated their budget and only had 1 bid of 50 million dollars before taxes on June 21st, 2021, which was 17 million dollars under the actual price. This delayed the construction by one year, and now the Pôle Municipal is set to be finished in 2024. Once the main project is done there will be a continuation of the project where there will be an Aquatic Complex detached from the main building. During this amazing experience, we learned a lot of new vocabulary to describe a construction development, we became more responsible and organized with a picture schedule, and we appreciated seeing what we learned in class reflected into real life. The building looks very welcoming, and we hope to visit it once it is completed.