

# CAMERON COMMUNITY CENTRE AND LIBRARY

Burnaby, BC | In Progress

Role of the firm: Structural Engineer of Record

Area: 200,000 sq. ft. (18,580 sq. m)

Budget: CA \$250 million

Architect: Diamond Schmitt Architects

Client: City of Burnaby

The Cameron Community Centre aims to be the heartbeat of the community in northeast Burnaby. After serving the city for almost 40 years, the current facility will be replaced by a larger three-storey center in the Lougheed Town Centre area. The new building, spanning over 200,000 square feet, will be a modern and functional complex designed to meet the growing and changing needs of the area.

This centre will have an aquatic facility, gymnasium, fitness studios, multipurpose rooms, dedicated youth and seniors' spaces, child-minding and indoor and outdoor play areas. Additionally, a 28,000 sq. ft., two-storey public library and a civic plaza located at the southeast corner of the complex will provide ample opportunities for learning and gathering.

Architecturally, both complexes are joined via a glazed atrium space in between them. The buildings rest on a shared concrete base which constitutes the underground parkade structure. Foundations as well as the parkade will be made of concrete and the building's frame structure will be carried as a hybrid of building materials - primarily steel and concrete have been selected for the pool, gym and mechanical room and mass timber for the library and south wing upper-level structures. The structural design aims to achieve the architectural vision of open, connected spaces for the large recreational spaces, providing continuity through the building and site.

