

Jasper Block Redevelopment

EDMONTON, ALBERTA

\$3.5 Million Budget | 20,800 sq.ft. total Commercial | Post & Beam wood and steel framing
Developed basement



One of our most challenging projects to date, the Jasper Block commercial redevelopment concept involved the review and evaluation of an existing historic structure with the aim to provide a complete building redevelopment concept to convert it into a fully code-compliant commercial building. The owner's list of desired improvements included opening up the compartmentalized wood-framed upper two storeys, complete replacement of the existing roof framing, addition of a central elevator, provision of large openings in the existing interior clay masonry walls, all while trying to minimize related redevelopment costs. To date we have provided a structural concept involving a complete insitu upgrade of the existing foundations to meet current loads, strengthening and replacement of existing structural elements where appropriate, the design of a exposed wooden post and beam framing for the upper storeys, the design of an extensive and hidden transfer framing system to be installed while providing minimal disturbance of the existing bearing lines, a sequential demolition and bracing plan for the replacement of the roof framing. We have also explored the possibility of providing a compact, multi-storey parking structure located at the back of the building.

