



# Alton Mill Homeschool Resource Centre

Julia-Jane Johnson

## PROJECT DESCRIPTION

**Project type:** Change of use  
**Area:** 23,000 sq. ft  
**Location:** Alton, ON

Alton Mill is a Heritage building, originally built in 1881 as a woollen mill in the Township of Caledon on 1402 Queen St. The building began restoration in the 1990s and was completed in 2009 when it was repurposed into an arts and cultural centre. The building remains a historic and cultural landmark for the Alton community. Its stone facade and 16'- 22' vaulted ceiling with exposed timber posts and beams were preserved from construction and certain spaces in the building, such as the turbine room with its original features and machinery.

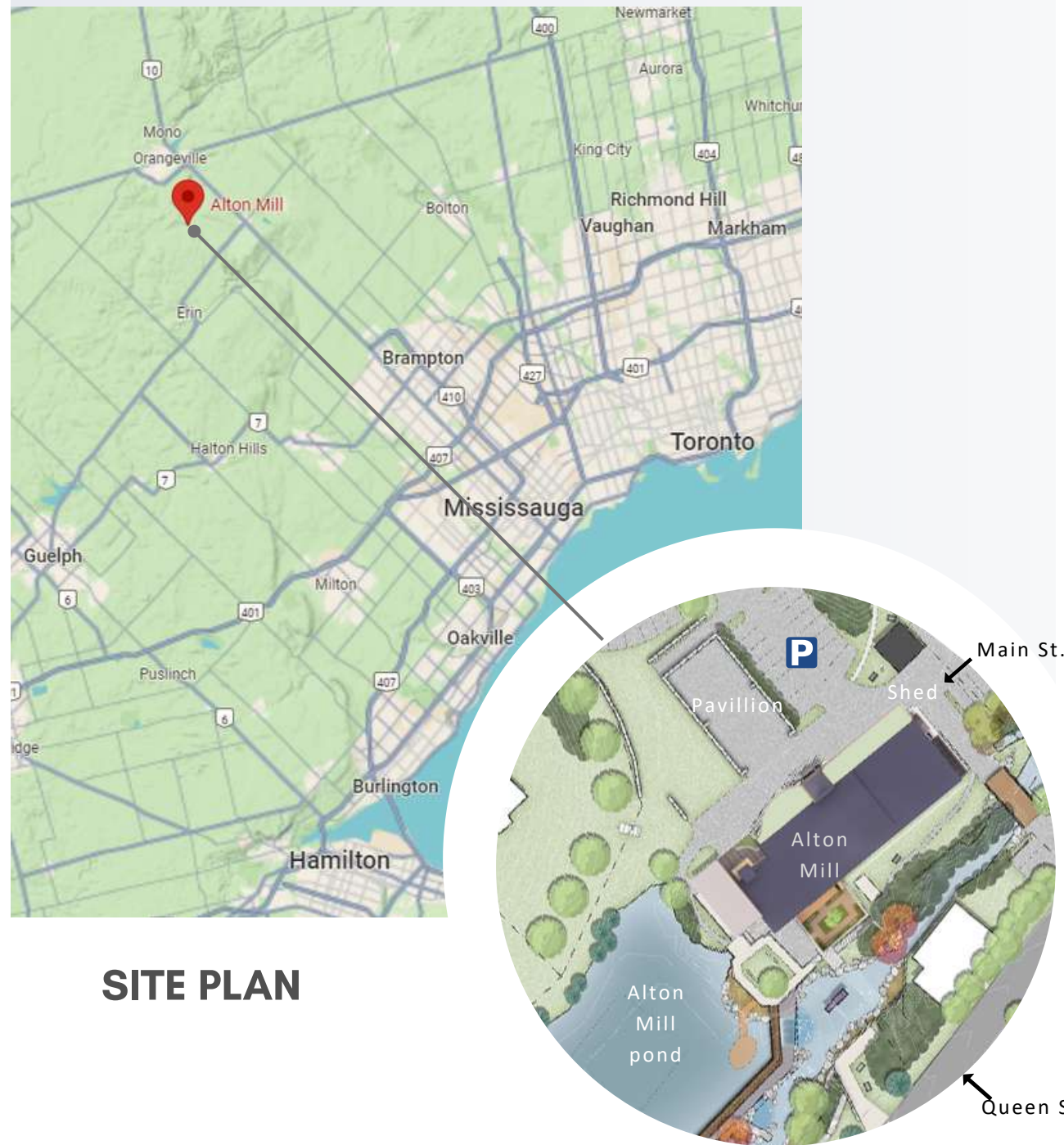
The building will be converted into a resource centre for Homeschoolers, ages 12-18 to support their educational and well-being. This incorporates Learner-Centred design and Place Attachment theory in an educational setting to encourage creativity, improve learning opportunities, and support the well-being of students.



## SITE SECTION



## LONGITUDINAL SECTION

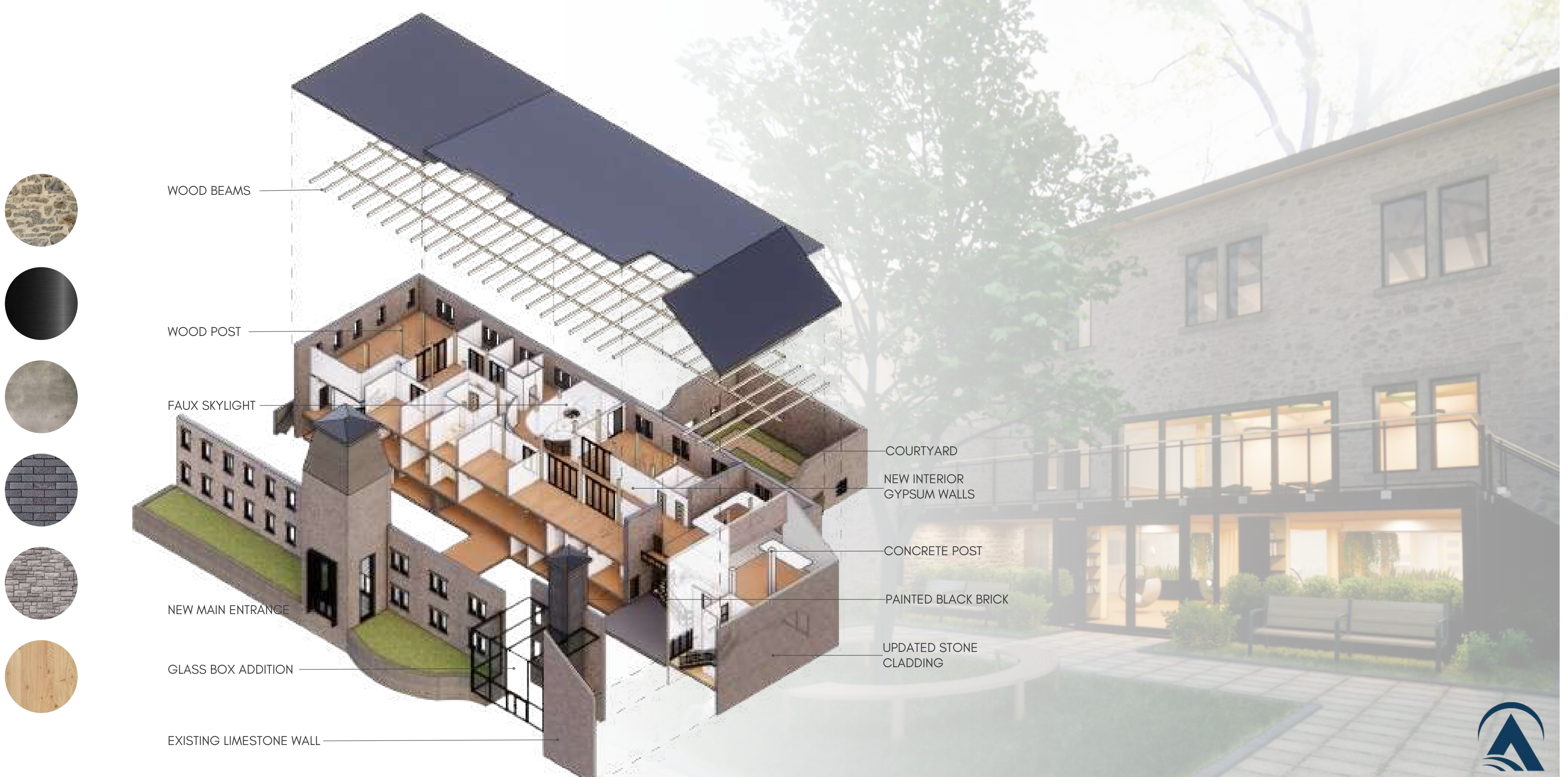
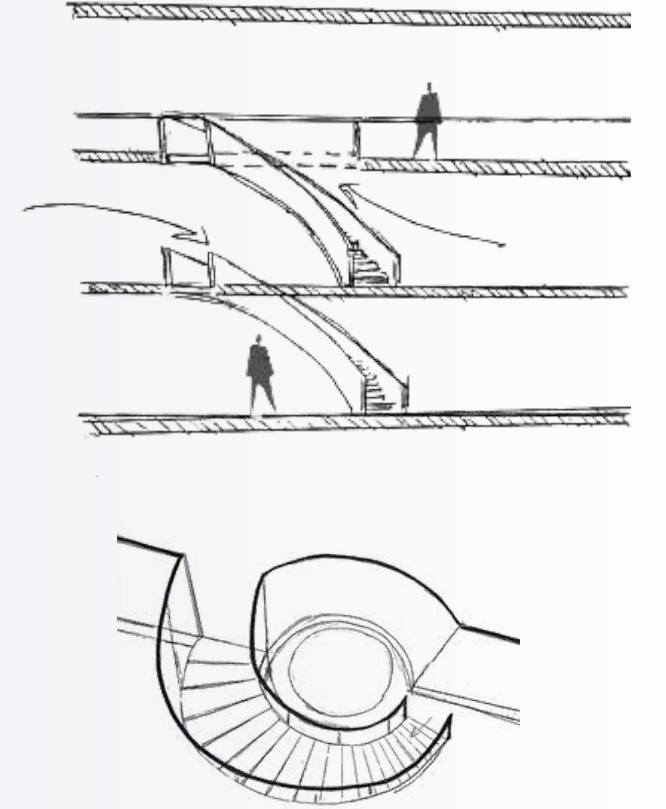


**SITE PLAN**

## DESIGN CONCEPT

The design of this educational centre is inspired by the natural surroundings of the site and the rich historic features of the building combined with modern construction methods.

The incorporation of biophilia and biomimicry into the space assists in creating a warm and welcoming environment for the user.



WOOD BEAMS

WOOD POST

FAUX SKYLIGHT

NEW MAIN ENTRANCE

GLASS BOX ADDITION

EXISTING LIMESTONE WALL

COURTYARD

NEW INTERIOR GYPSUM WALLS

CONCRETE POST

PAINTED BLACK BRICK

UPDATED STONE CLADDING



**MAIN LEVEL: RECEPTION**



**UPPER LEVEL: LIBRARY**



**LOWER LEVEL: RECREATION ROOM**

