

CHARLES ROSE ARCHITECTS

Work resumes: Concrete House in Lincoln, MA

Nestled into the landscape, Concrete House has a monumental presence on its remarkable site overlooking Todd Pond in Lincoln, MA. Over the past few years we restored the landscape at the water's edge, constructed a dam to regulate the water level of the pond, and built the shell of the house. This property was recently sold, and we look forward to working with the new owners to complete the project.



Our attention to detail, both from an esthetic and engineering standpoint, results in a design that is durable in its construction and timeless. We are invested in well-crafted architecture that can endure the test of time, speak to its site and context and respond to the present and future challenges of climate change.

Our design leverages the inherent capabilities of architectural concrete and presented us with new technical challenges, both structurally and with respect to the harsh climatic conditions of New England. A concrete structural system allows for bold cantilevers and large expanses of glass that extend living spaces into the scenic landscape. To achieve smooth architectural concrete surfaces on the interior and exterior walls, each exterior wall was constructed with a two concrete layers separated by an internal insulated cavity which provides a high level of insulation while allowing the interior wall to provide thermal mass on the interior which stabilizes the interior temperature. Careful detailing ensures that all areas of the building structure are thermally separated from the exterior. Triple-paned glass preserves transparency to the scenic surroundings and combined with the insulated concrete creates an energy-efficient, high-performance envelope. The building will be a net-zero.

