

LIVINGSTON STORM PARK

➤ **BROOKFIELD
RESIDENTIAL
(2020 - PRESENT)**

➤ **CALGARY, AB**

"The MAGNA team has been an important part of success in several of our master planned communities. MAGNA provided unique solutions and worked closely with our project team through development, approvals and construction. It was a pleasure working with the team knowing they would help us deliver innovative stormwater solutions and beautiful amenities to our communities."

**Nolan Frese,
Sr. Development
Manager (Land & Housing),
BROOKFIELD RESIDENTIAL**

PROJECT CONTEXT

Brookfield Residential hired MAGNA to complete work surrounding the concept design, preliminary design, and detailed design for the Livingston Phase 26 Pond E Stormwater Kidney® (Pond E).

MAGNA utilized Source2Source's innovative stormwater technology to design an integrated stormwater management facility that satisfies the necessary functions of both a stormwater management facility (SWMF), incorporating beneficial water cleansing biofiltration elements, and the required constructed wetland facility to replace the existing wetland area.

MAGNA'S SOLUTION

The project team completed the work from concept through to detailed design. This project culminated with completing and submitting the detailed engineering drawings, the Pond Report, and the Wetland Management Plan. The stormwater management facility provides the community with a green infrastructure solution utilizing engineered wetlands and naturalized technology.

MAGNA worked closely with the client to ensure the facility was integrated into the community, providing efficient stormwater treatment and urban green space that preserved the community's character.

COMMUNITY OUTCOME

The outcome of this project will be a beautifully designed and highly functional stormwater management system in northwest Calgary encompassing approximately 500 ha of serviced development area. MAGNA and partners will complete the park by the end of 2023.

