# COCHRANE LAKE IMPROVEMENT PLAN PROJECT OPEN HOUSE

September 15, 2025 Weedon Hall

#### THANKYOU FOR ATTENDING!

For more information visit www.rockyview.ca/cochrane-lake





## COCHRANE LAKE IMPROVEMENT PLAN PROJECT

The community has identified flooding, water quality and odour as concerns to be addressed.

Cochrane lake is a natural stormwater collection pond.

In Alberta, the Crown (the province) owns the beds and shores of all permanent, naturally occurring lakes (i.e., Cochrane Lake), rivers, and streams. This ownership is established under the *Public Lands Act*.





#### TIMELINE

» Flooding in the southern portion of hamlet. » Alberta Environment approved an increased discharge rate of 90 litres/second of lake water into Horse Creek.

» The Cochrane Lake Improvement Plan was approved by Rocky View County's Council. The project cost will be shared with MCL.

» Construction targeted for 2026.

2013

2016

2022

2023

MARCH **2025** 

2025

2026

» A pump station and outlet pipeline was constructed to discharge water to Horse Creek.

» Macdonald Communities Limited (MCL) and Rocky View County explored options to improve the lake and address residents' concerns. » Design and regulatory approvals have commenced.



# PROJECT GOALS

- » Manage the lake so it can rise and lower without impacts to residents.
- » Improve the lake water quality.
- » Add pathway connectivity.
- » Maintain and protect the natural environment.







# SOLUTIONS TO IMPROVE THE LAKE

- » Adding an inlet to the lake to bring raw water from the Bow River to improve water quality and circulation.
- » Construct a pathway around the lake in lieu of a berm, to provide opportunities for recreation, exercise, and transportation.
- » Upgrade to the discharge pump to increase outflow into Horse Creek from 90 L/S to 150 L/S.





## PROJECT NEXT STEPS

Finalize regulatory applications

Reach out to landowners directly affected

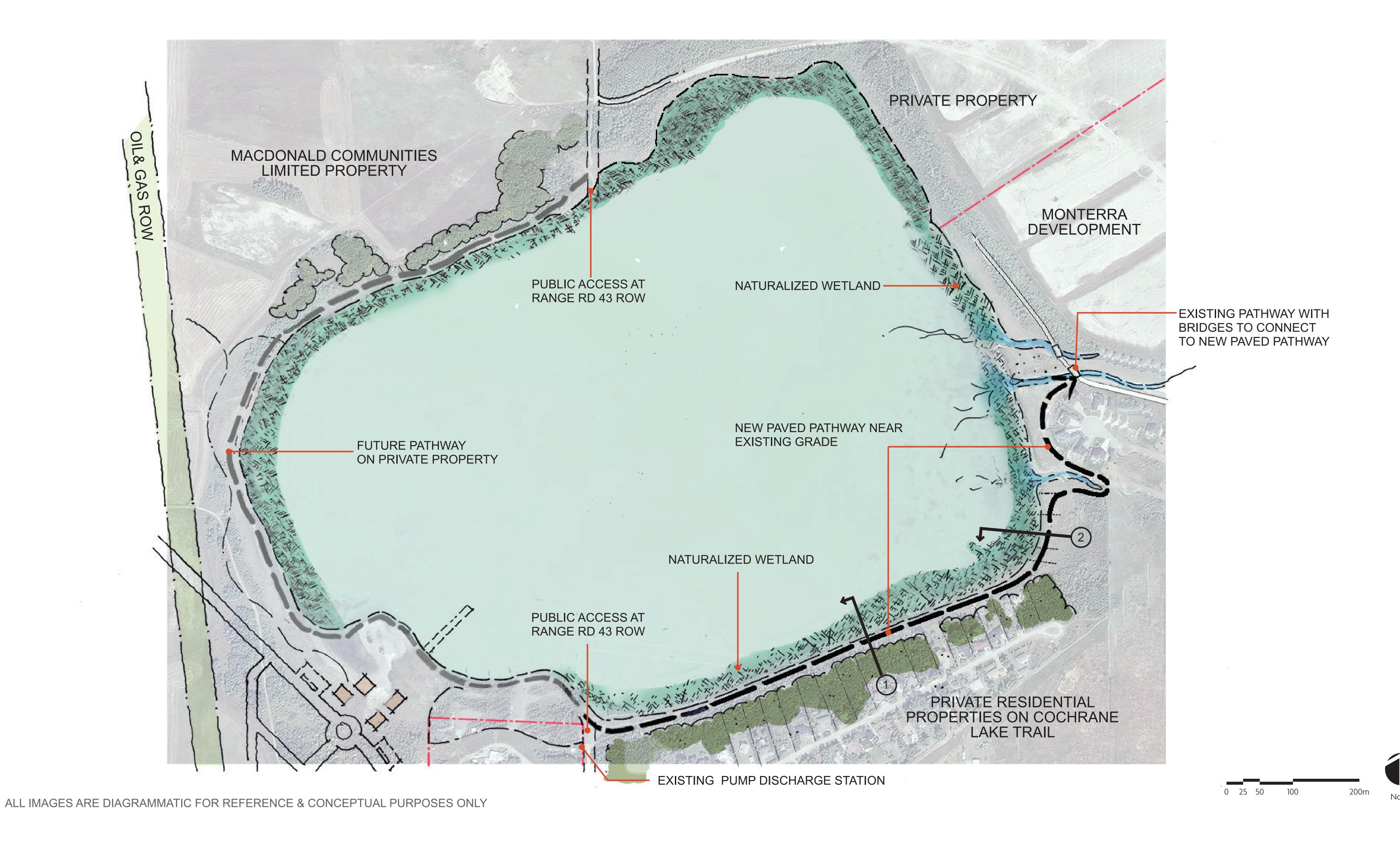
Finalize detail design and refine budget

Application for grant funding December 2025

Construction in 2026



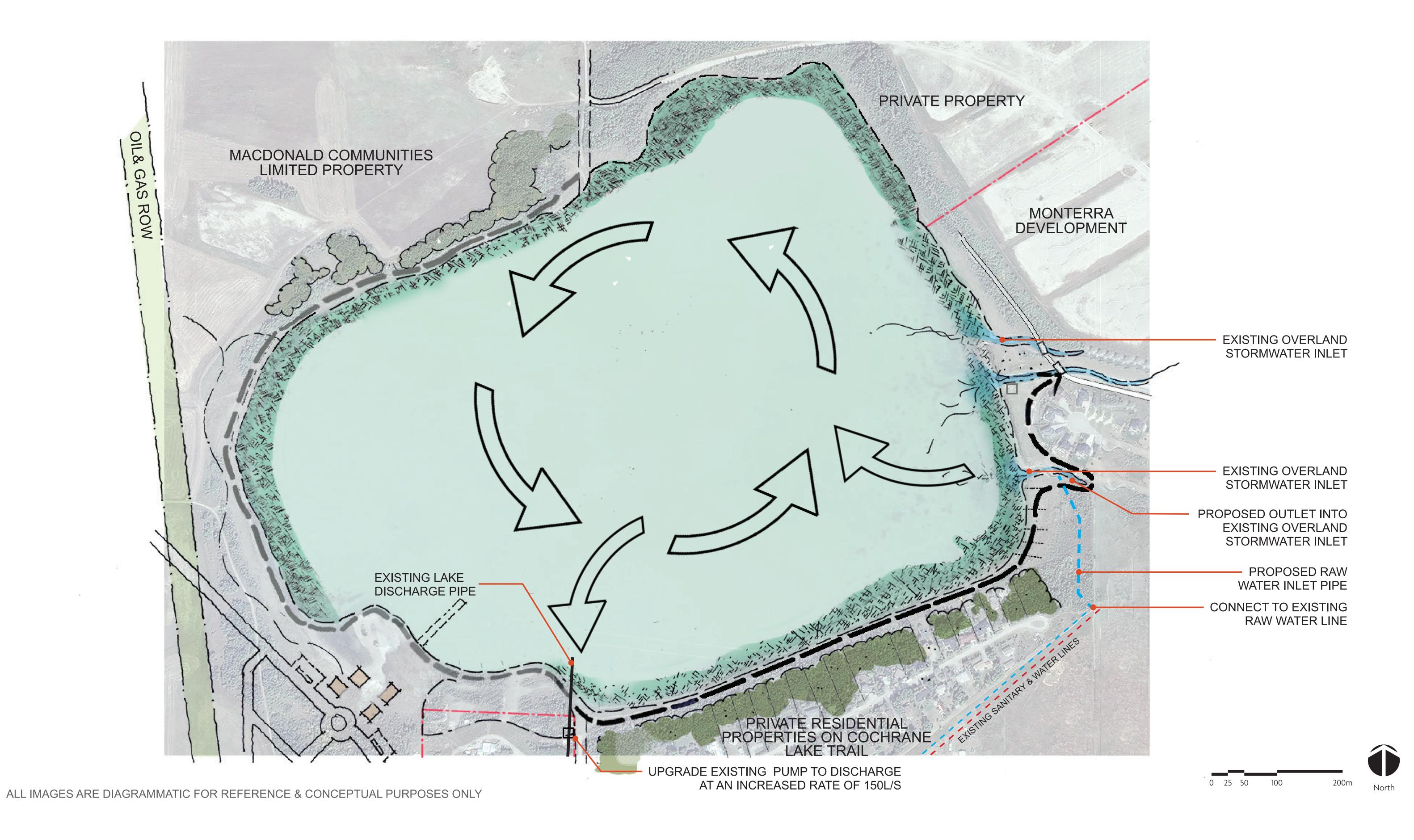
# COCHRANE LAKE IMPROVEMENT PLAN: PATHWAY







## COCHRANE LAKE IMPROVEMENT PLAN: RAW WATER INLET







# COCHRANE LAKE IMPROVEMENT PLAN: WATER OUTLET

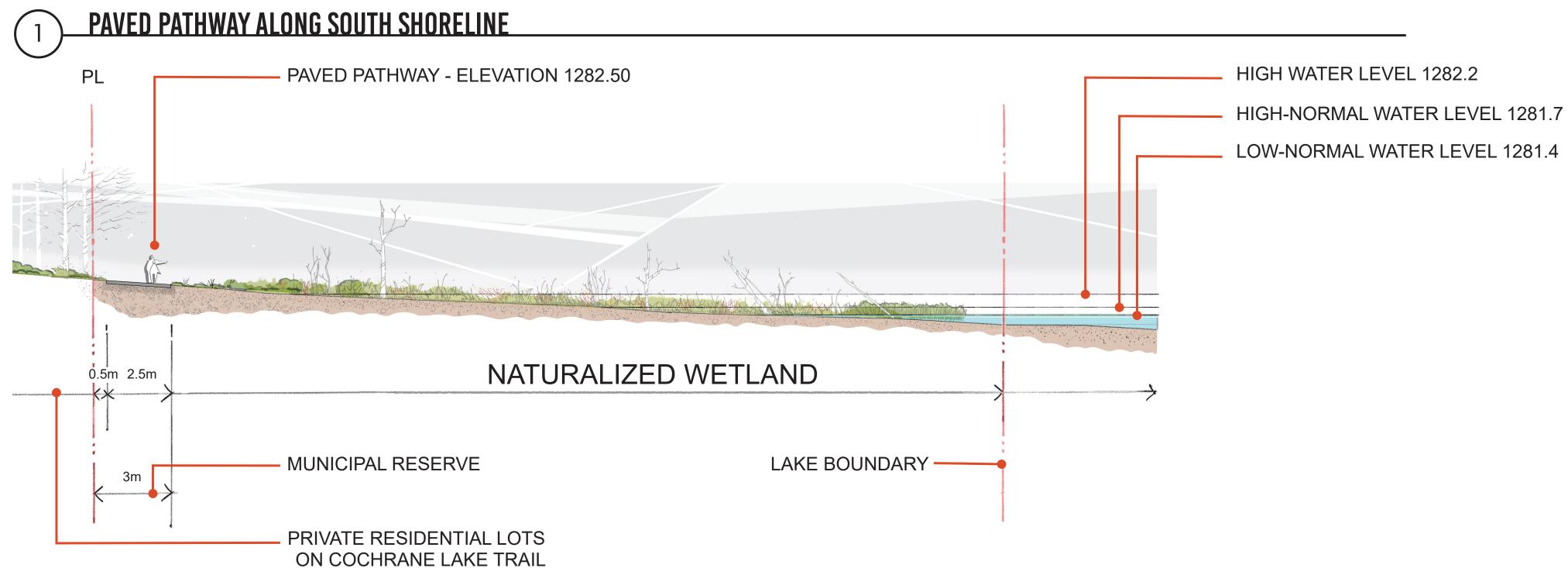






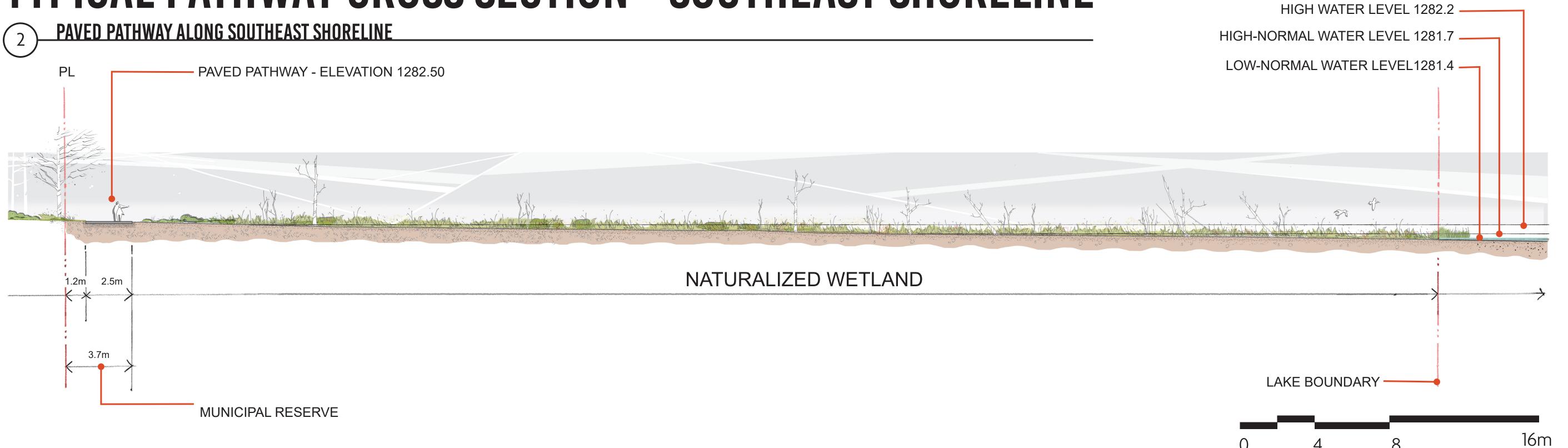
## **COCHRANE LAKE IMPROVEMENT PLAN: PATHWAY**

#### TYPICAL PATHWAY CROSS SECTION - SOUTH SHORELINE



ALL IMAGES ARE DIAGRAMMATIC FOR REFERENCE & CONCEPTUAL PURPOSES ONLY

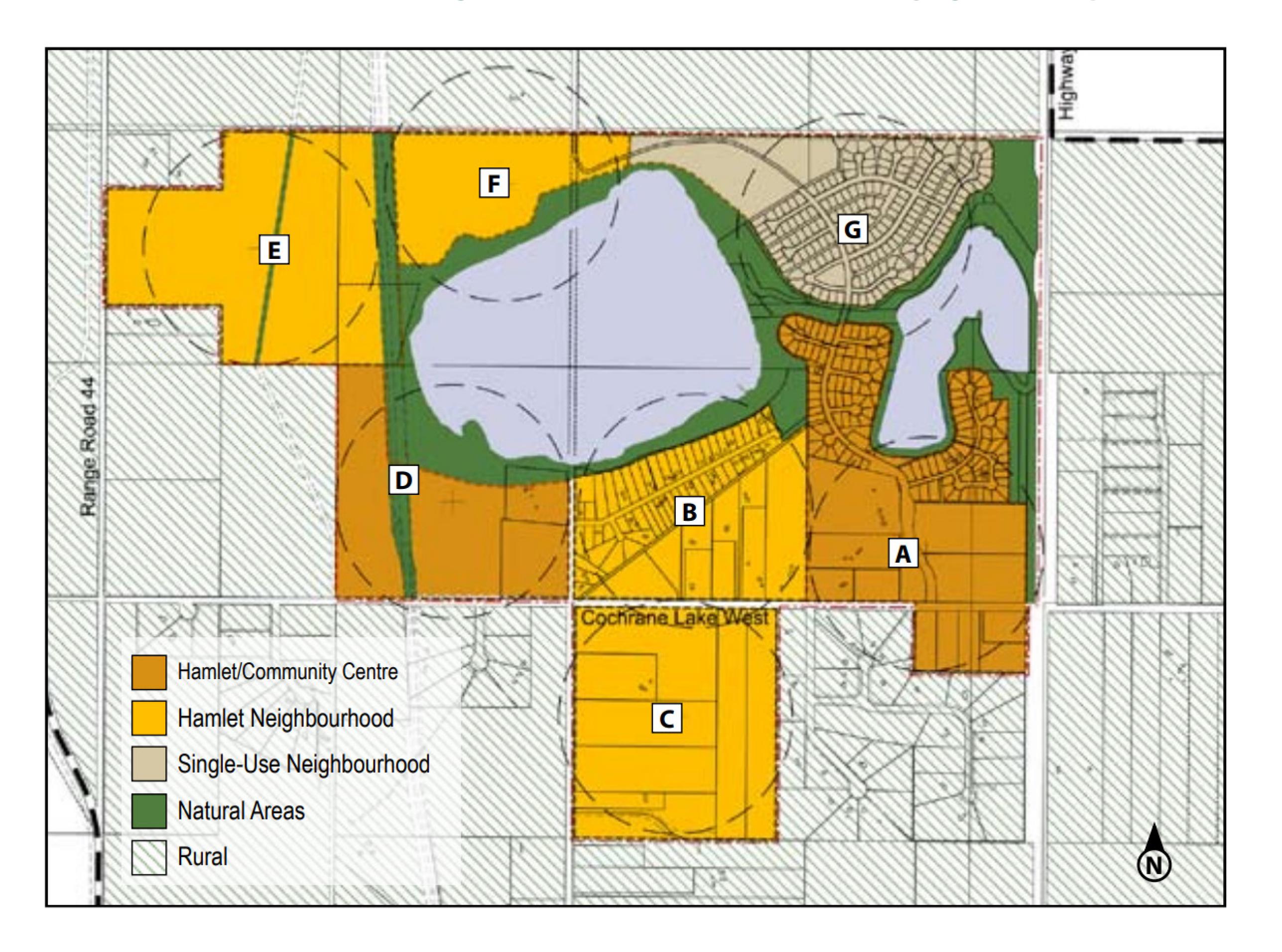
#### TYPICAL PATHWAY CROSS SECTION - SOUTHEAST SHORELINE







## COCHRANE LAKE IMPROVEMENT PLAN: COMMUNITY/LAKE







»Please share your ideas or concerns with the project team today.

»To stay updated, please ensure the team has your email on the sign-in sheet.



Visit www.rockyview.ca/cochrane-lake for updates on planning in the Cochrane Lake community.