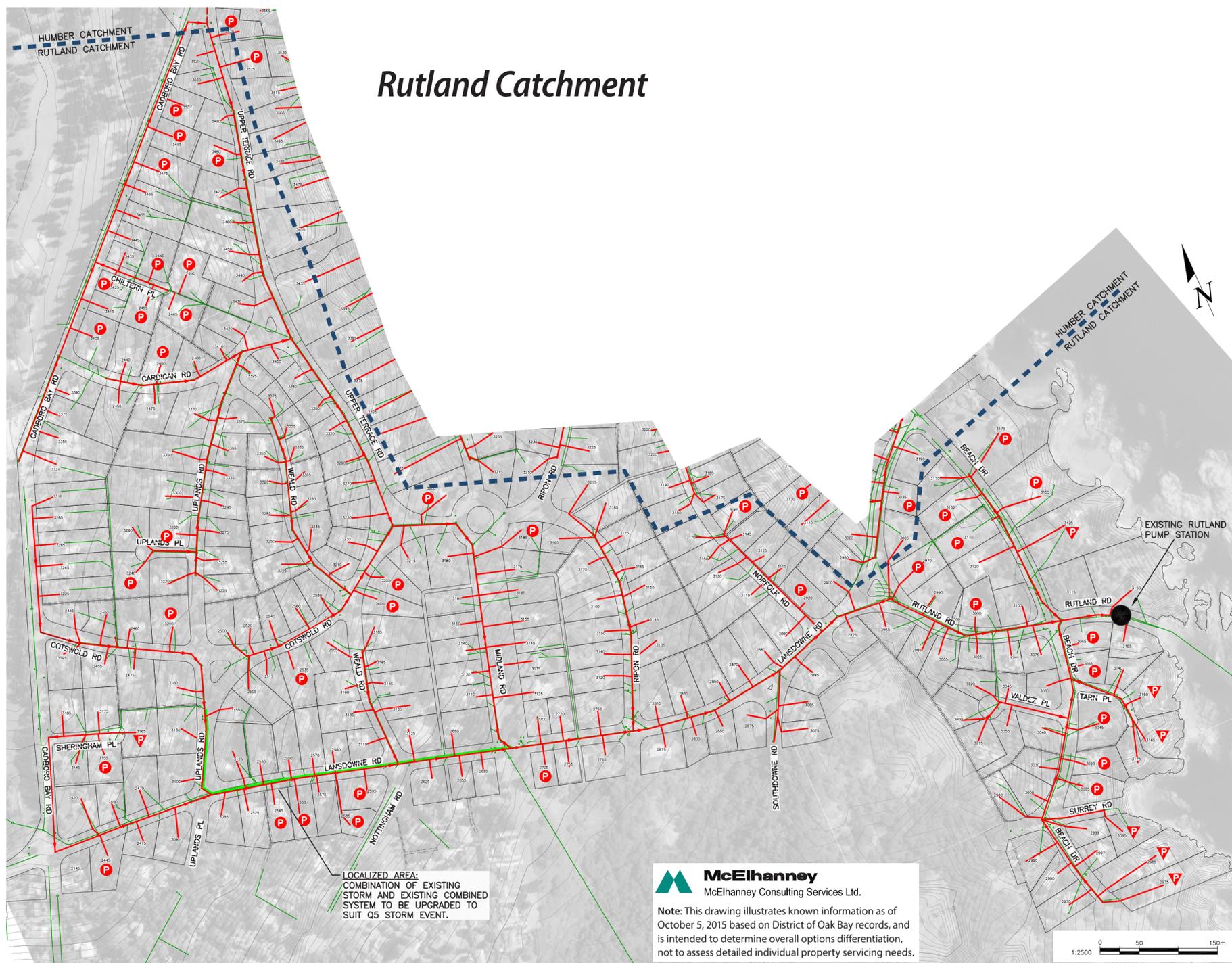


OPTION 1 - Install deeper gravity sanitary sewer system and use existing combined system to carry stormwater.



Note that 17 existing pumped services and 63 existing gravity services are expected to be re-used.

*Homeowner cost estimates are based on a general assessment of the work required on private property and will vary depending on the specific circumstances and actual work required on each property. Costs associated with the archaeological discoveries on private or public property and compliance with the *Heritage Conservation Act* are not included in the cost estimates.

Option 1: Key Considerations

- ▶ Five metres has been established as the maximum practical and economic depth for trench excavation.
- ▶ Existing pipe is old and leaks at joints allowing water to enter and escape the pipe.
- ▶ Creating a new sanitary sewer system minimizes sewage leakage.
- ▶ Requires the least number of pumps on private property. Costs for pumps will be the responsibility of the homeowner. Backup power generators optional.
- ▶ Sanitary sewer requires smaller pipe infrastructure (20 cm) than larger stormwater infrastructure (60 cm).
- ▶ Deep trench excavation costs more to excavate and install pipes, and is more disruptive to neighbourhoods as it has a longer construction timeframe.
- ▶ Trench excavation is invasive and may negatively impact mature trees and landscaping on public and private property.
- ▶ Existing pipe is the appropriate size for carrying stormwater.