



BURNSIDE



# PUBLIC MEETING

## Municipality of Meaford Leith Area Drainage Improvements

March 8, 2023  
Trinity Annan Church  
303234 Sideroad 33, Annan  
4:30 pm to 6:30 pm

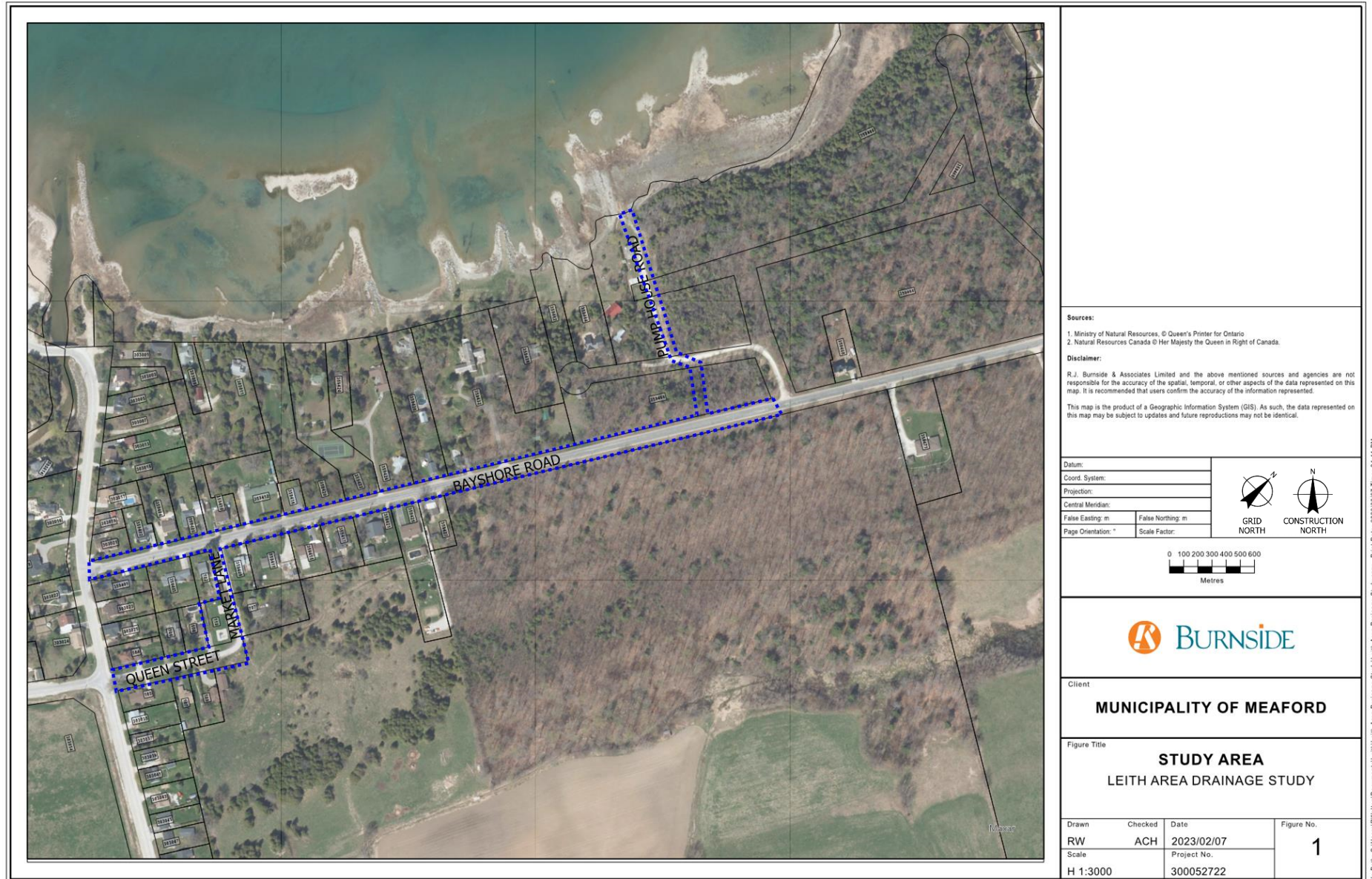
# Problem Statement

To improve management of stormwater within the Municipal right-of-way, the Municipality of Meaford has engaged R.J. Burnside & Associates Limited to conduct a drainage study and further design improvements to the stormwater management within the area.

The purpose of this project is to:

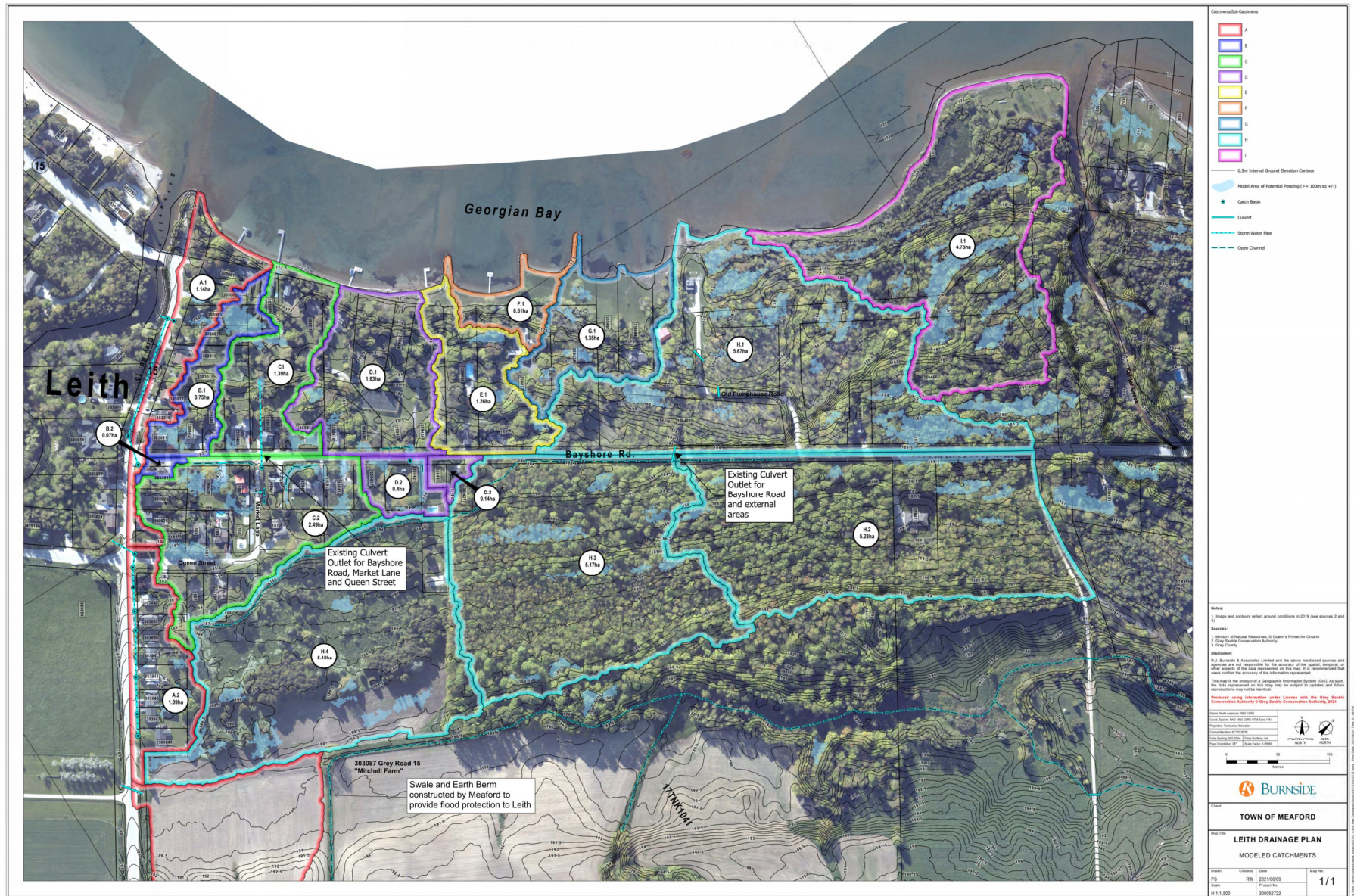
- Evaluate the existing drainage conditions within the study area;
- Propose measures to improve drainage conditions;
- Re-surface Bayshore Road; and
- Replace existing water service connections to property line.

# Project Study Area





# Existing Conditions

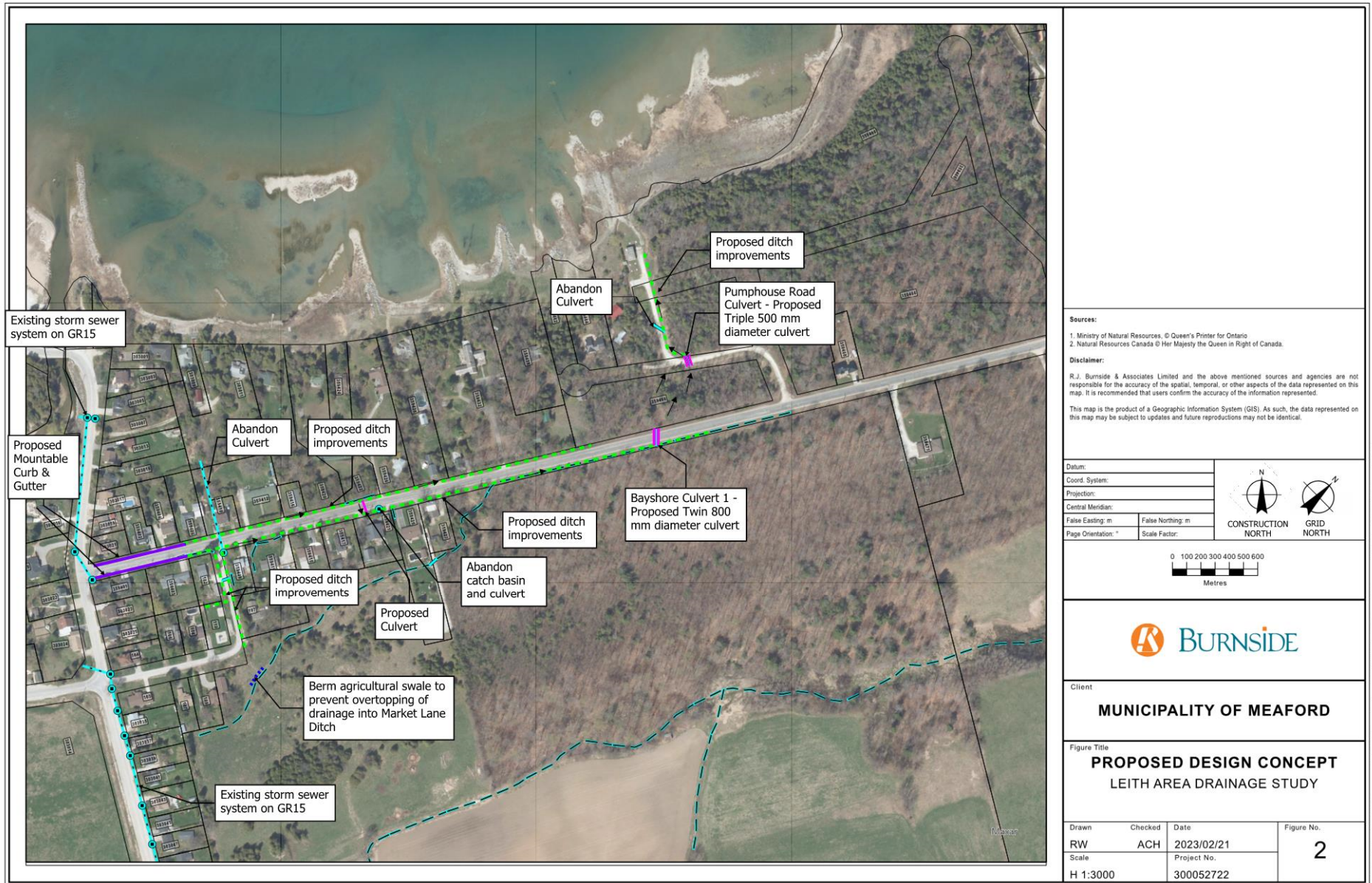




# Existing Conditions

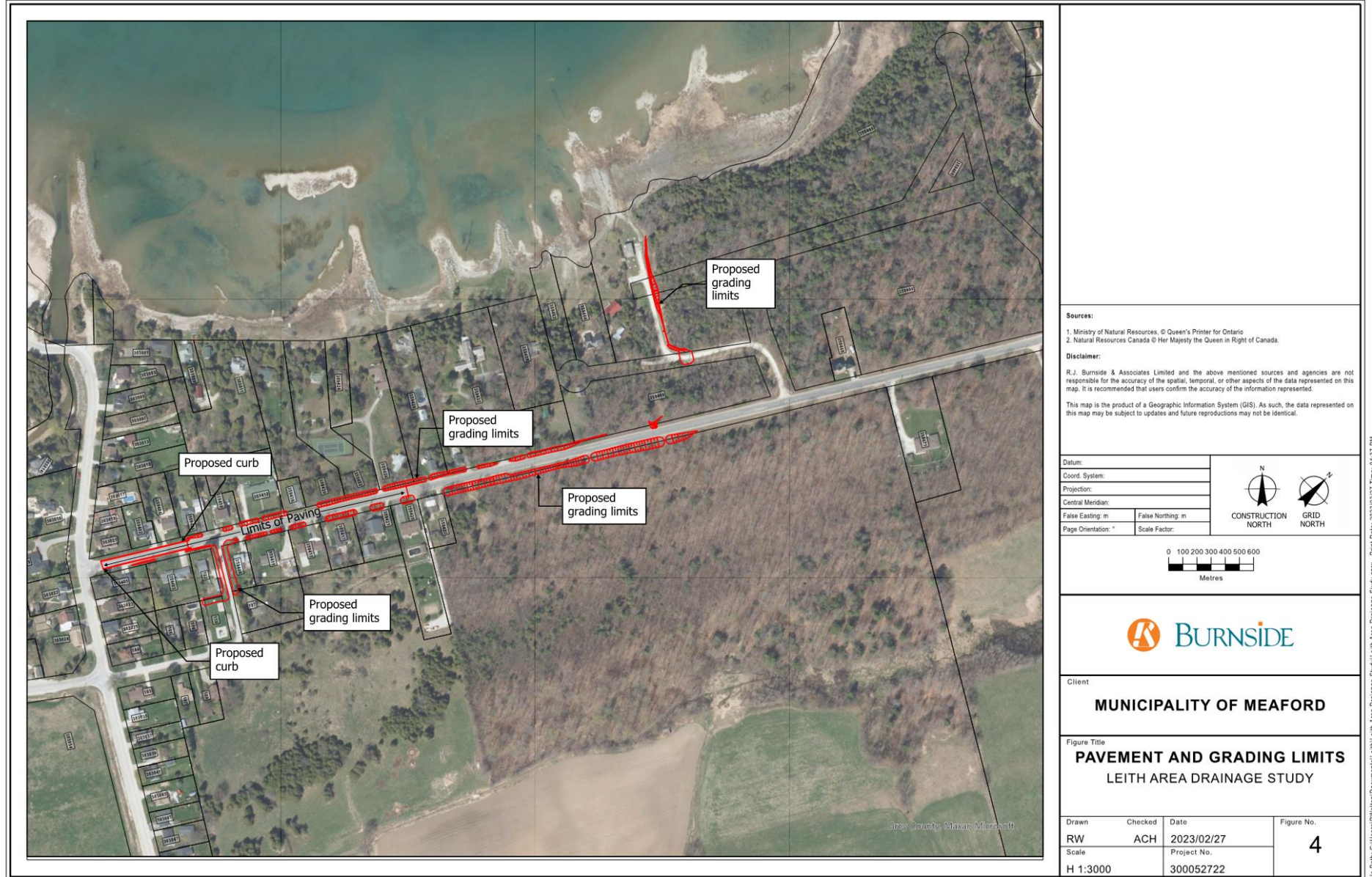
| Location                                                                      | Existing Drainage                                                                                                                                                                                                                             |
|-------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General Drainage Conditions</b>                                            | <ul style="list-style-type: none"> <li>• Topography generally falls north towards Georgian Bay.</li> <li>• Bayshore Road runs roughly east to west.</li> <li>• Drainage outlets across private property without formal agreements.</li> </ul> |
| <b>C</b><br>(Market Lane, Queen Street, residential section of Bayshore Road) | <ul style="list-style-type: none"> <li>• Poorly defined roadside ditches.</li> <li>• Outlets through a culvert that crosses Bayshore Road at 359410; culvert crosses through and discharges stormwater onto private property.</li> </ul>      |
| <b>D</b><br>(Residential section of Bayshore Road)                            | <ul style="list-style-type: none"> <li>• Poorly defined roadside ditches.</li> <li>• Outlets through a culvert that discharges onto 359422 Bayshore Road.</li> </ul>                                                                          |
| <b>H</b><br>(Rural section of Bayshore Road)                                  | <ul style="list-style-type: none"> <li>• Ditches along both sides of the road with varying depths/widths.</li> <li>• South ditch outlets to the north forested area through a culvert.</li> </ul>                                             |

# Proposed Drainage Design





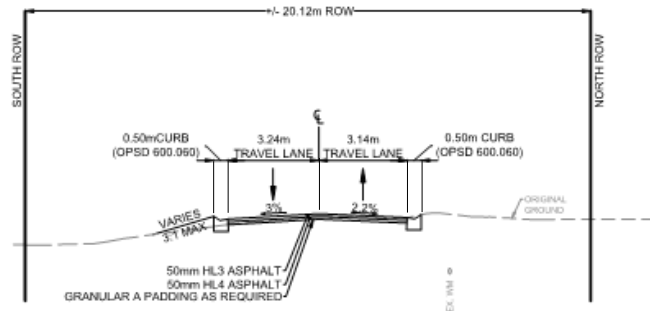
# Paving and Grading Limits



# Typical Sections

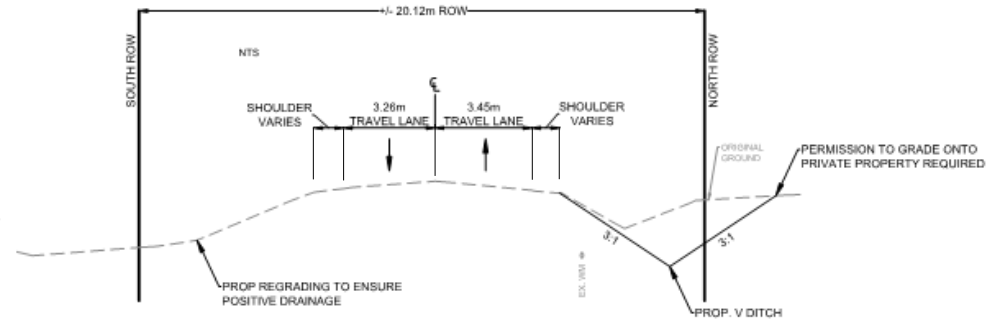
## Curb and Gutter Section

On Bayshore Road from Grey 19 to west of Market Lane



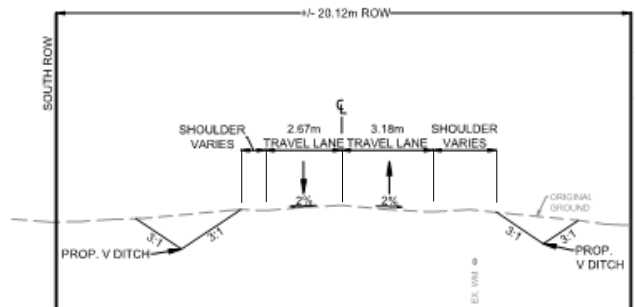
## Rural Ditch Area

On Bayshore Road from west of proposed culvert outlet

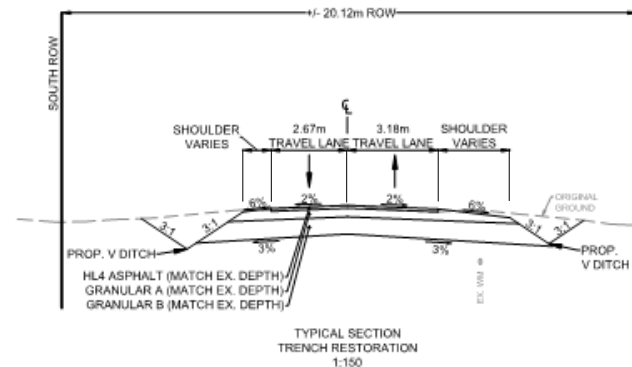


## Residential Ditch Area

On Bayshore Road from west of Market Lane to west of proposed culvert outlet

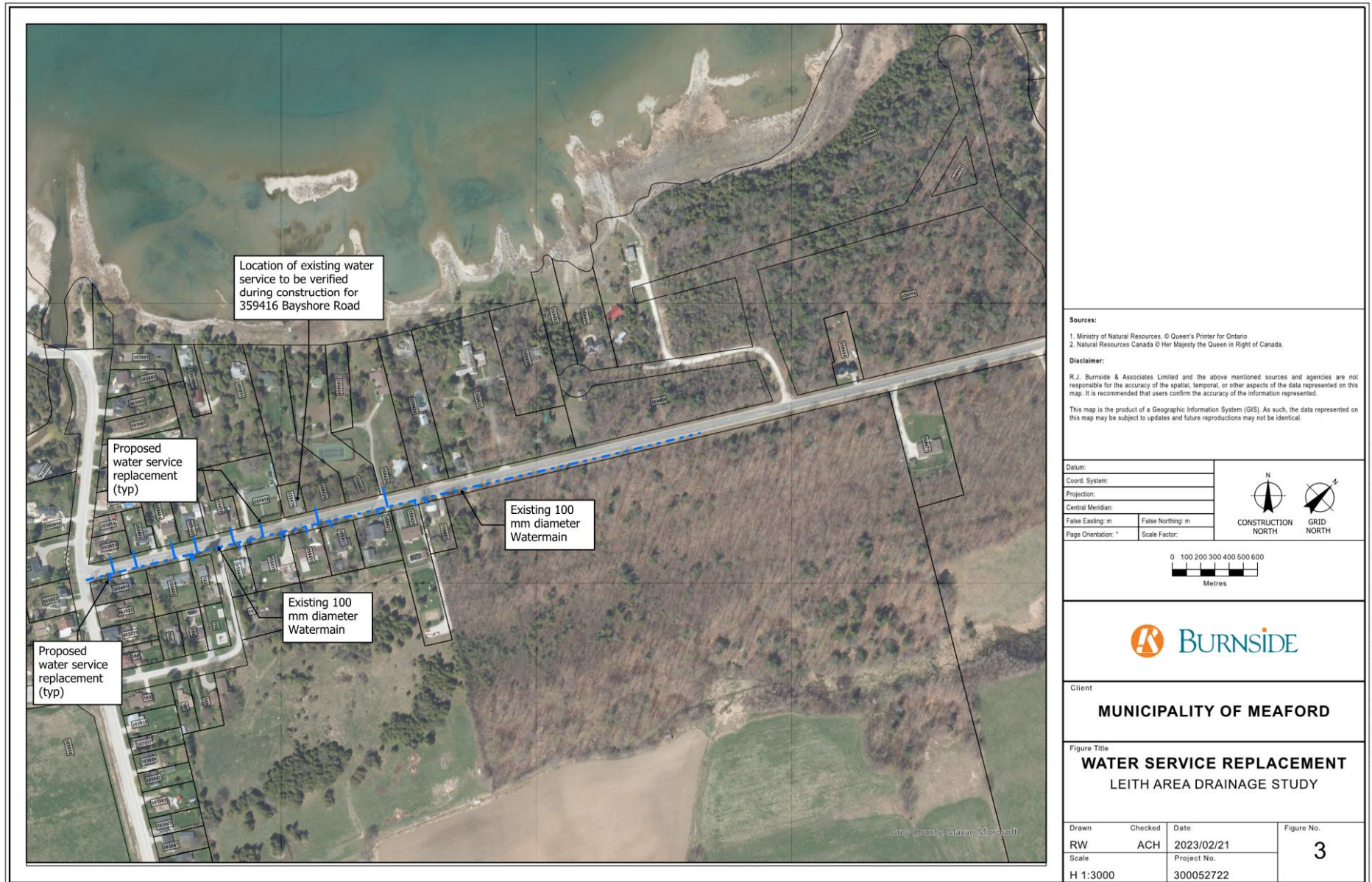


## Typical Culvert Restoration





# Water Service Replacements



# Next Steps

1. Review Feedback from Public Meeting
2. Submit Final Design Recommendations to Meaford
3. Prepare Tender Package and Contract Documents
4. Tender and Construct Project



We are here!