



The Township of
McNab/Braeside

McINTOSH PERRY



VILLAGE OF WHITE LAKE ROAD REHABILITATION PUBLIC INFORMATION SESSION

November, 2021

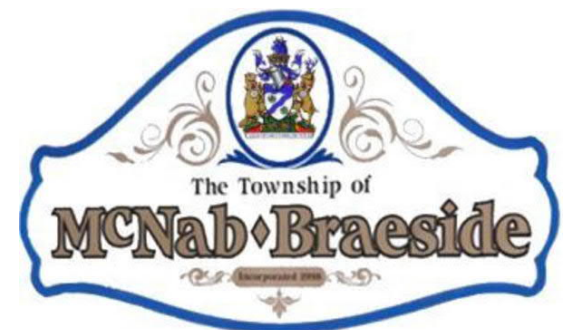
VILLAGE OF WHITE LAKE – ROAD REHABILITATION

Welcome and thank you for participating in the Virtual Public Information Session for the rehabilitation of Point Road, Alston Street, John Box Street and Fisher Street in the Village of White Lake.

As part of the Township's Asset Management Plan, the roads identified within this project have poor condition ratings and require rehabilitation in the near future.

The purpose of this Public Information Session is to:

- Present the Project Scope;
- Engage the Public for Feedback on the Project.



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VILLAGE OF WHITE LAKE – ROAD REHABILITATION

1

Project Overview

2

Existing Conditions

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Proposed Improvements

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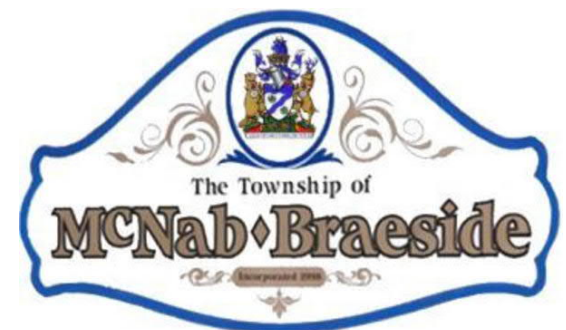
Preliminary Design Drawings

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Next Steps

6

Contact Information



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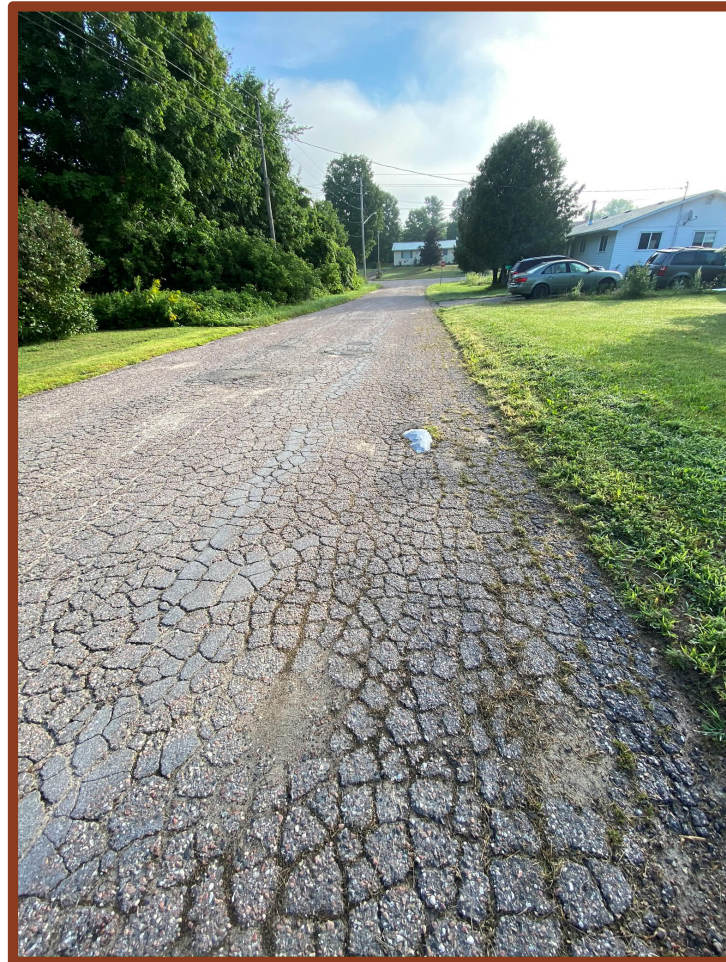
PROJECT OVERVIEW

The project limits include 1.45km of road rehabilitation on Point Road, Alston Street, John Box Street and Fisher Street in the Village of White Lake.

As part of the Township's Asset Management Plan, the roads identified within this project have poor condition ratings and require rehabilitation in the near future.



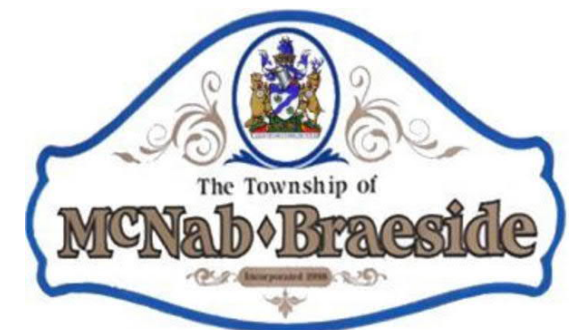
VILLAGE OF WHITE LAKE – ROAD REHABILITATION



EXISTING CONDITIONS

Existing road surface is in poor condition.

Surficial damages in the asphalt on all roads due to the combined effects of frost action, poor drainage, aging infrastructure and subgrade failures.



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VILLAGE OF WHITE LAKE – ROAD REHABILITATION



EXISTING CONDITIONS

The pavement condition is generally poor to fair.

The asphalt exhibits longitudinal and alligator fatigue cracking, transverse thermal cracking, and frost heaving.

Bedrock outcrops were observed at the edge of the road with some boulders being pushed through the pavement requiring hot mix patching.

Drainage is generally poor with water ponding on the street & in the ditches

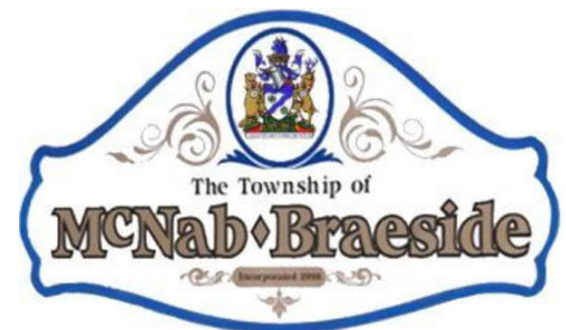


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VILLAGE OF WHITE LAKE – ROAD REHABILITATION

PROPOSED IMPROVEMENTS

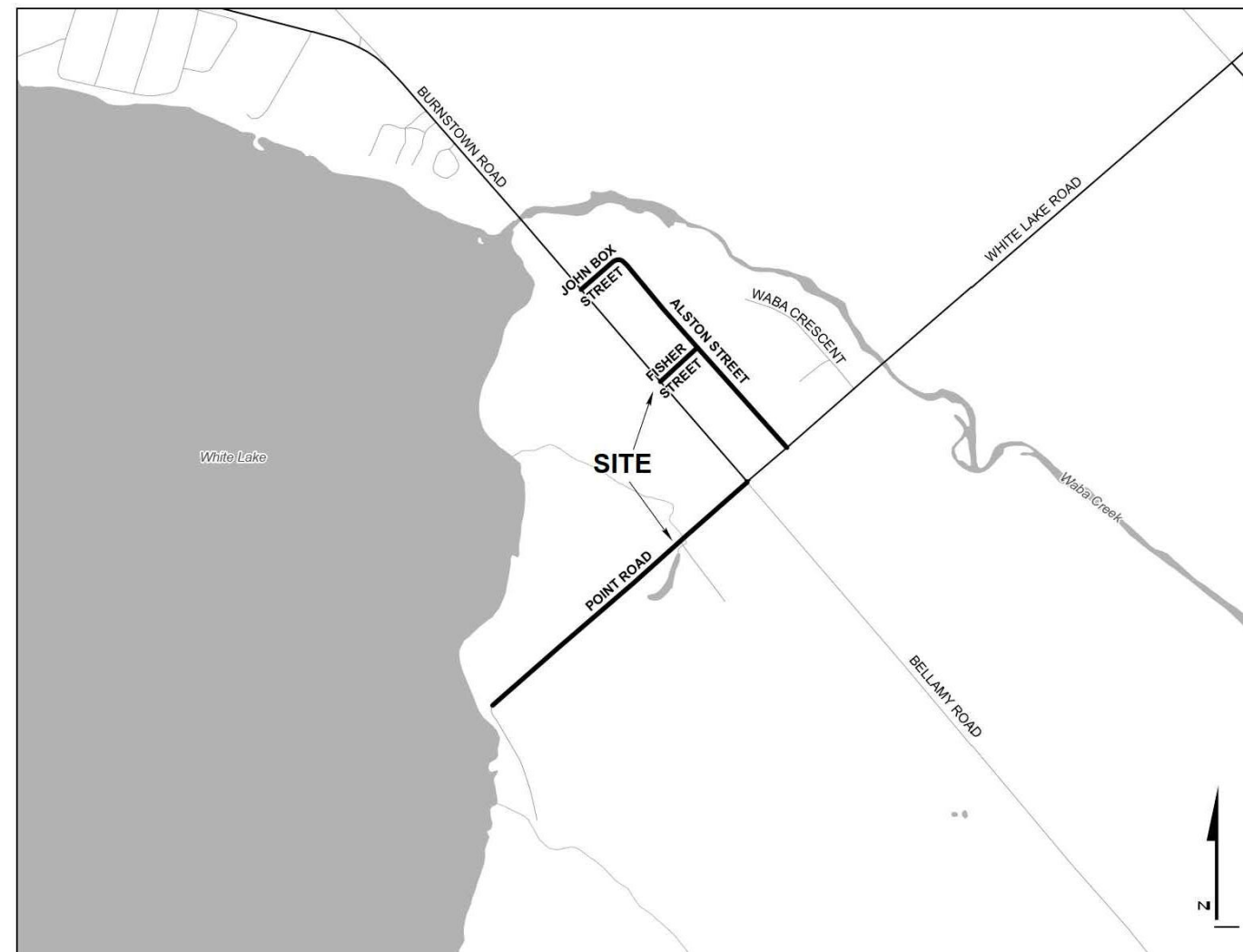
- Replace road base to stabilize the road;
- Addition of geotextile to the subgrade for additional strength;
- Addition of subdrain to improve subgrade drainage;
- Regrade the crown of the road to provide positive drainage away from the road;
- Improve ditch grading to ensure positive drainage and add new ditches where feasible;
- Replace road and driveway culverts;
- Asphalt paving to provide 6.0m paved platform + 1.0m gravel shoulders.



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VILLAGE OF WHITE LAKE ROAD RENEWAL

TOWNSHIP OF McNAB/BRAESIDE PRELIMINARY DESIGN DRAWINGS



KEY PLAN

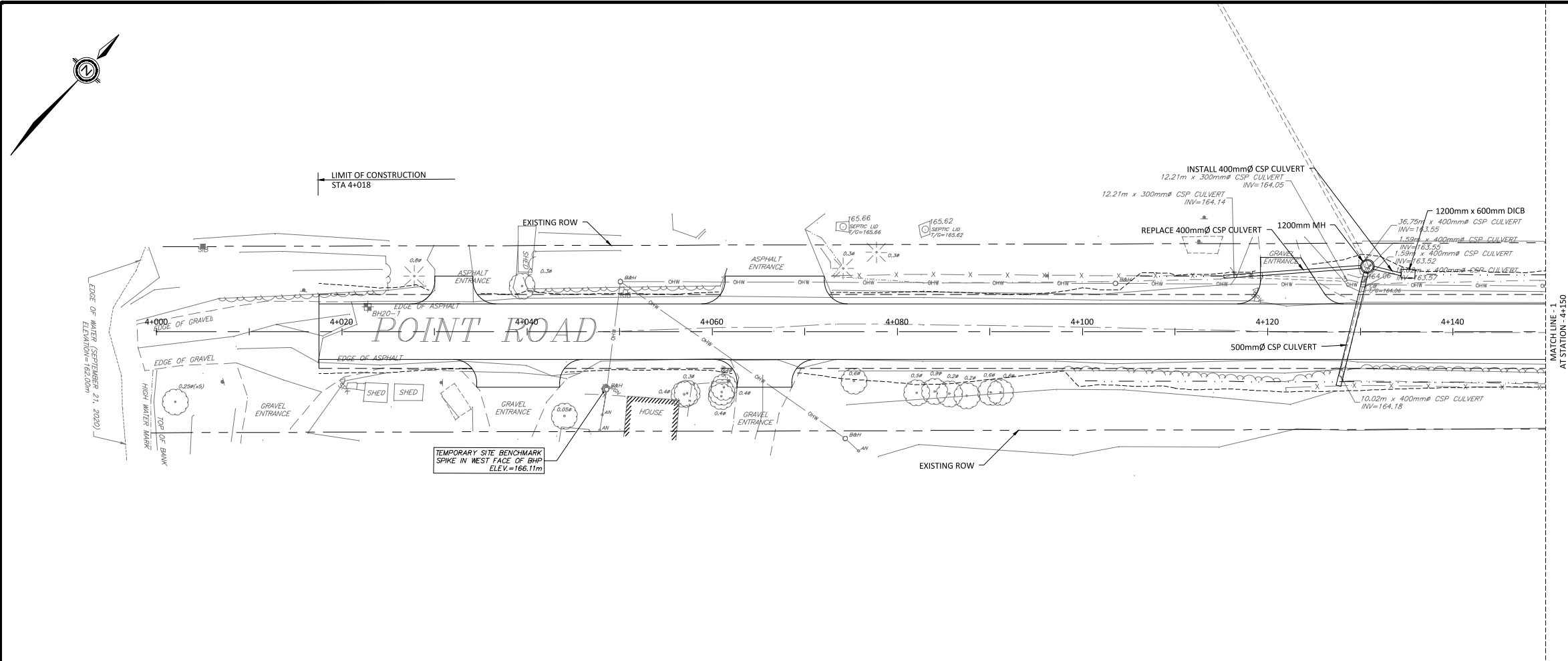
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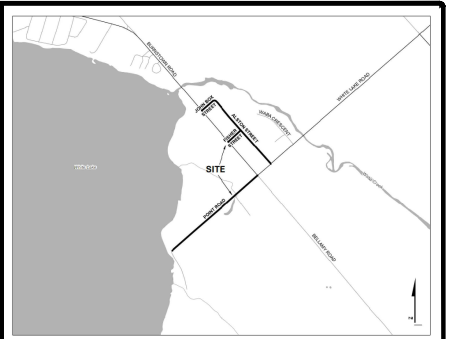
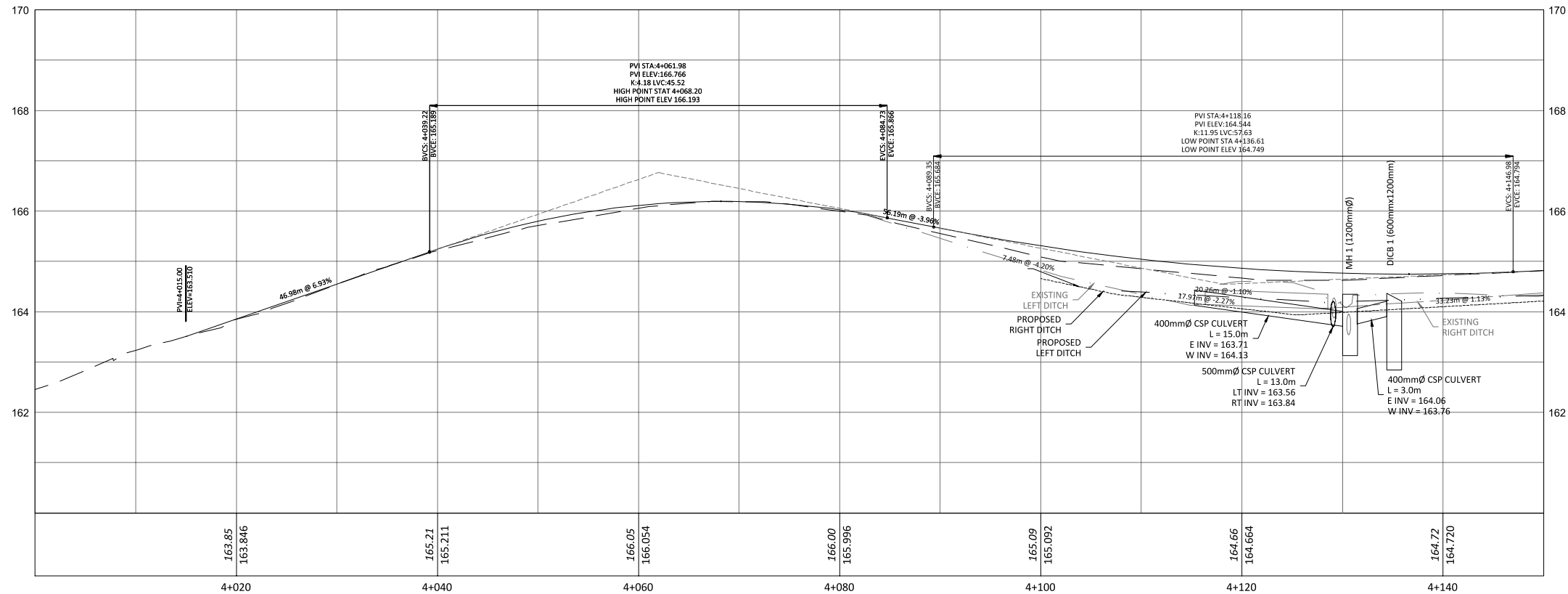
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\\fsnam4\1\Drawings\01 Project - Progress\31223\31223\CD\CD-01-1223 McIntosh Braeside_Village of White Lake Road Renewal\12 Drawings\03 Contract Drawings\31-1223_P&P.dwg
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MATCH LINE - 1
AT STATION 4+150
NEXT SHEET NUMBER: 2



1	PRELIMINARY DESIGN CIRCULATION	10/08/2021
No.	Revision/Issue	Date

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Client:
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VILLAGE OF WHITE LAKE ROAD RENEWAL

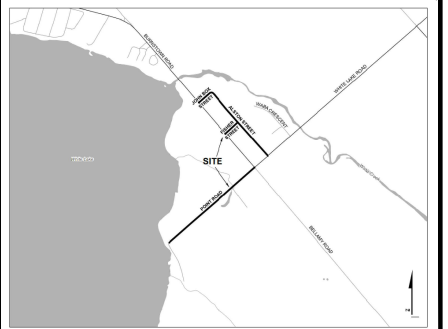
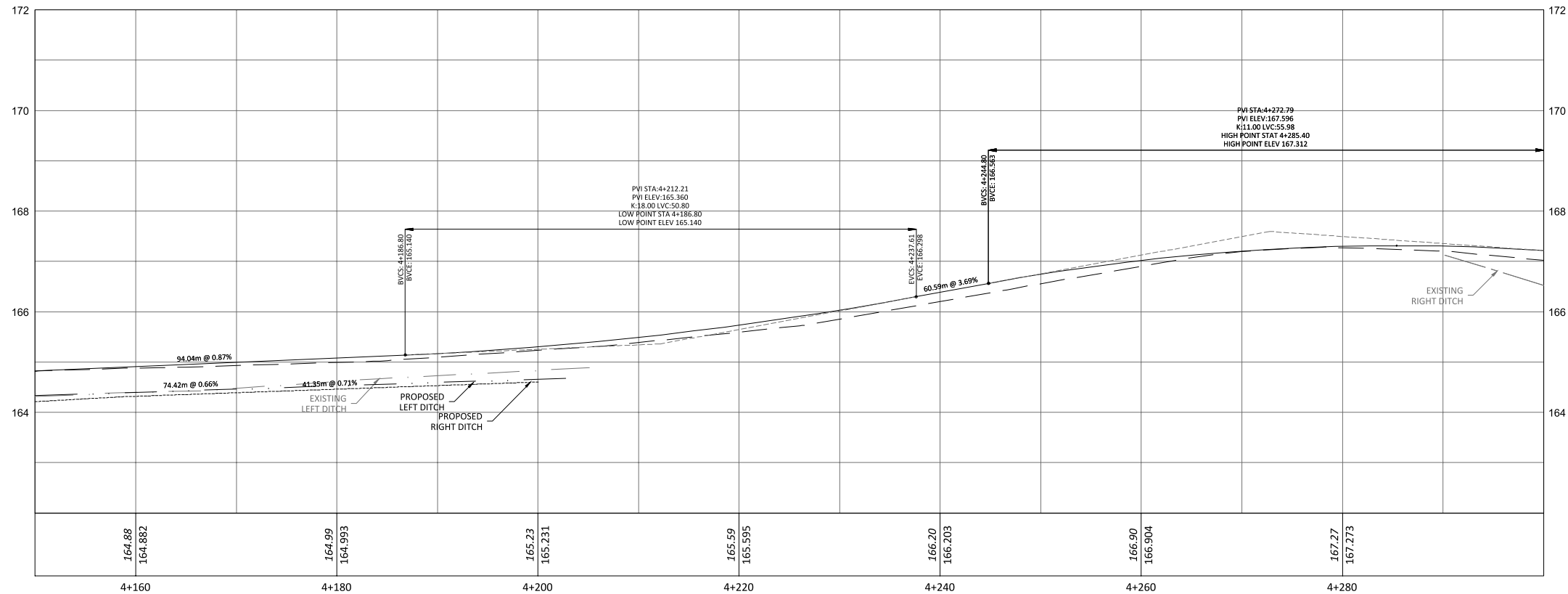
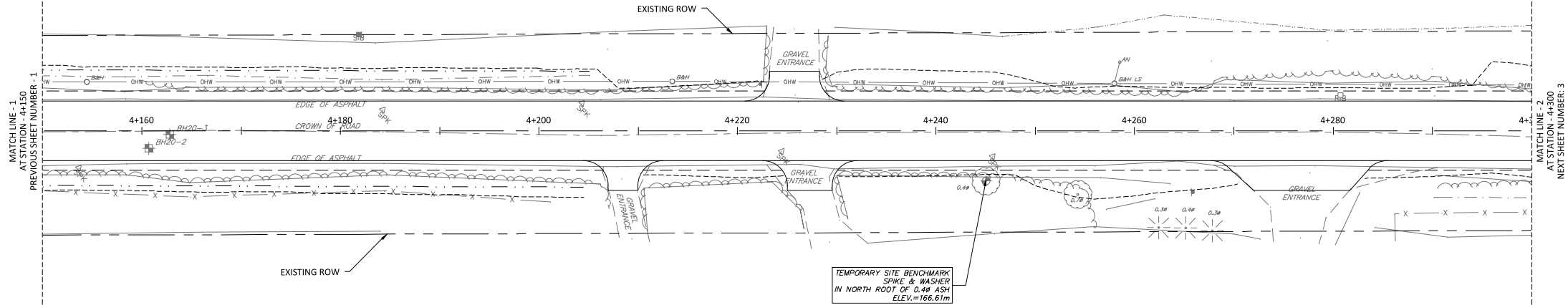
White Lake Ontario

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Checked By:	
Designed By: CM	Drawing Number:
Date:	SHEET 1 of 14
	P&P-001

TO BE READ IN CONJUNCTION WITH CONTRACT DOCUMENTS

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Project:
VILLAGE OF WHITE LAKE ROAD RENEWAL

White Lake Ontario

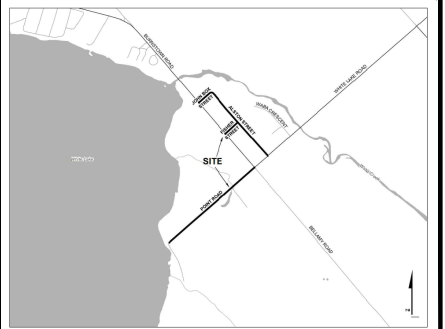
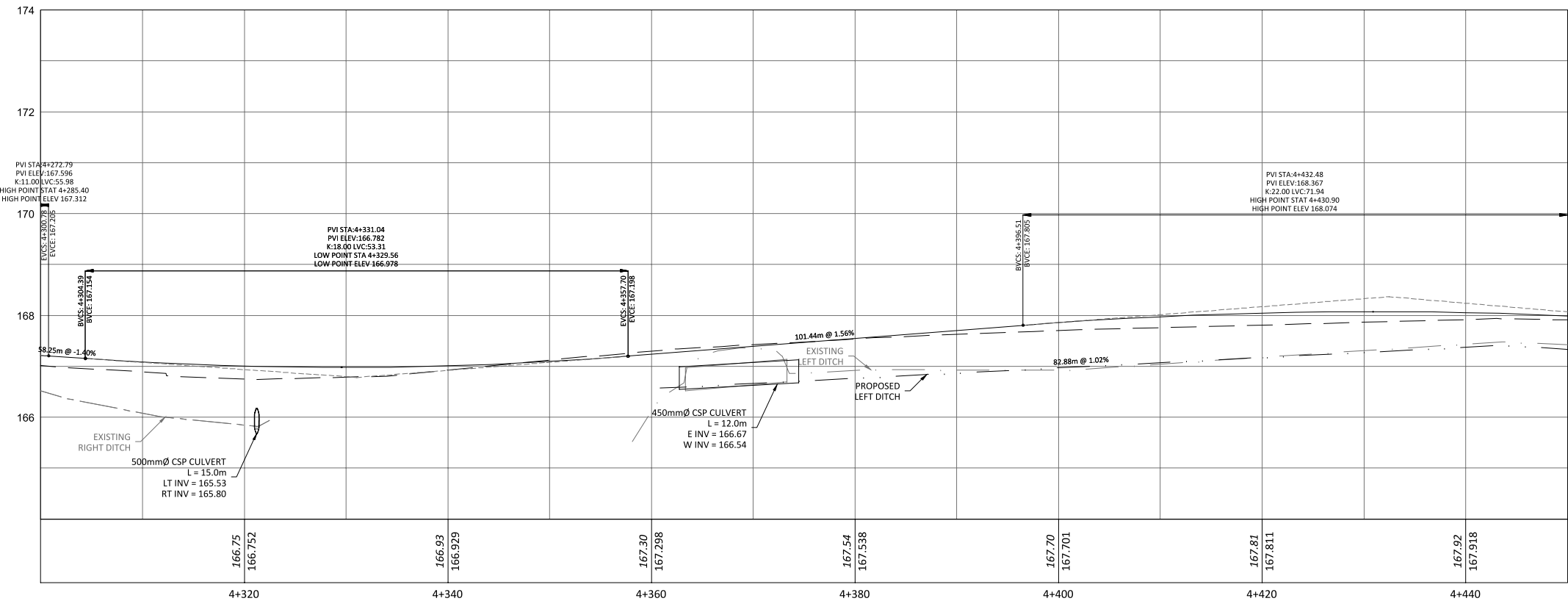
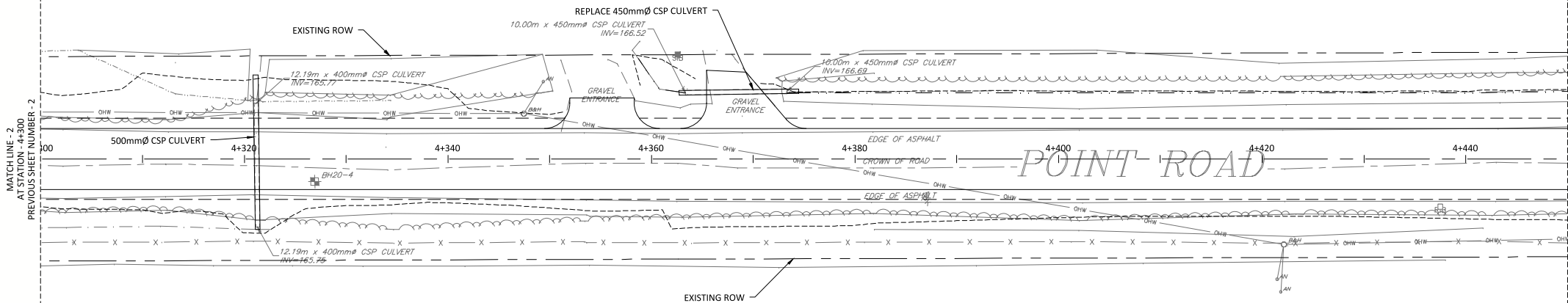
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P&P-002

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Project:
VILLAGE OF WHITE LAKE ROAD RENEWAL

White Lake Ontario

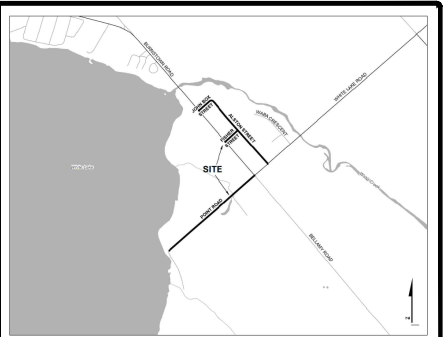
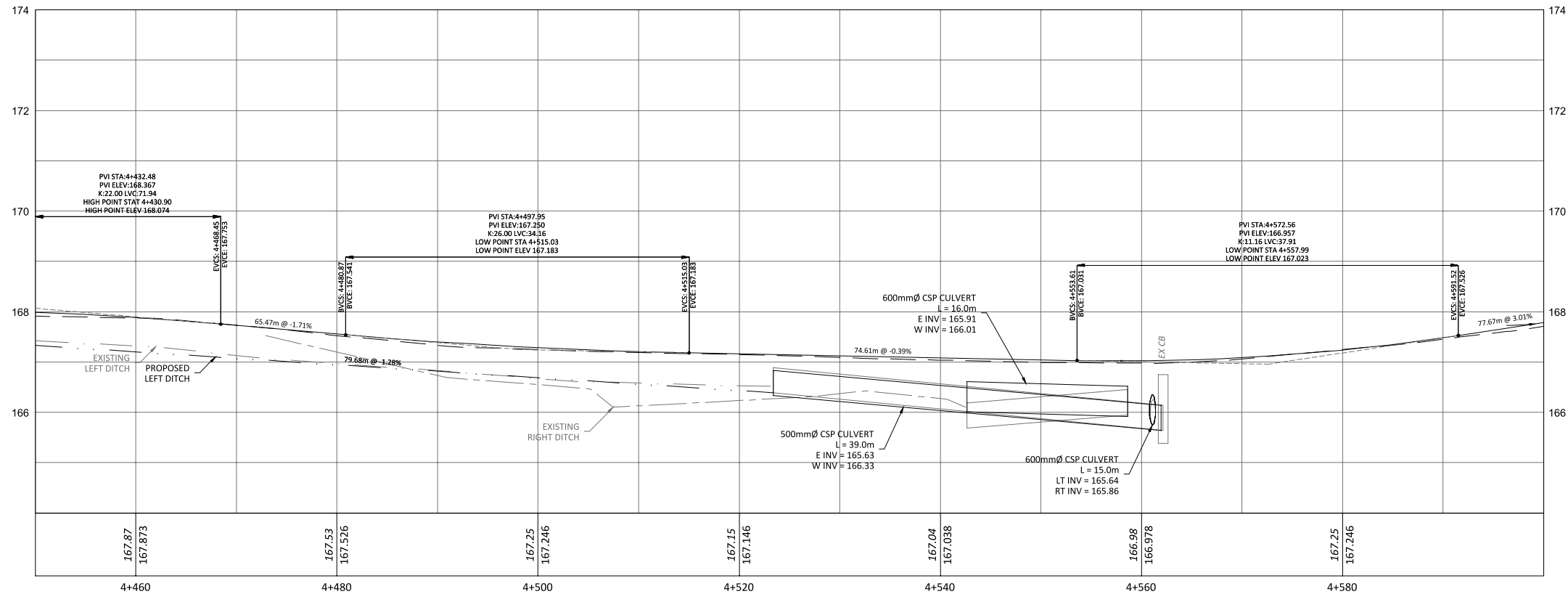
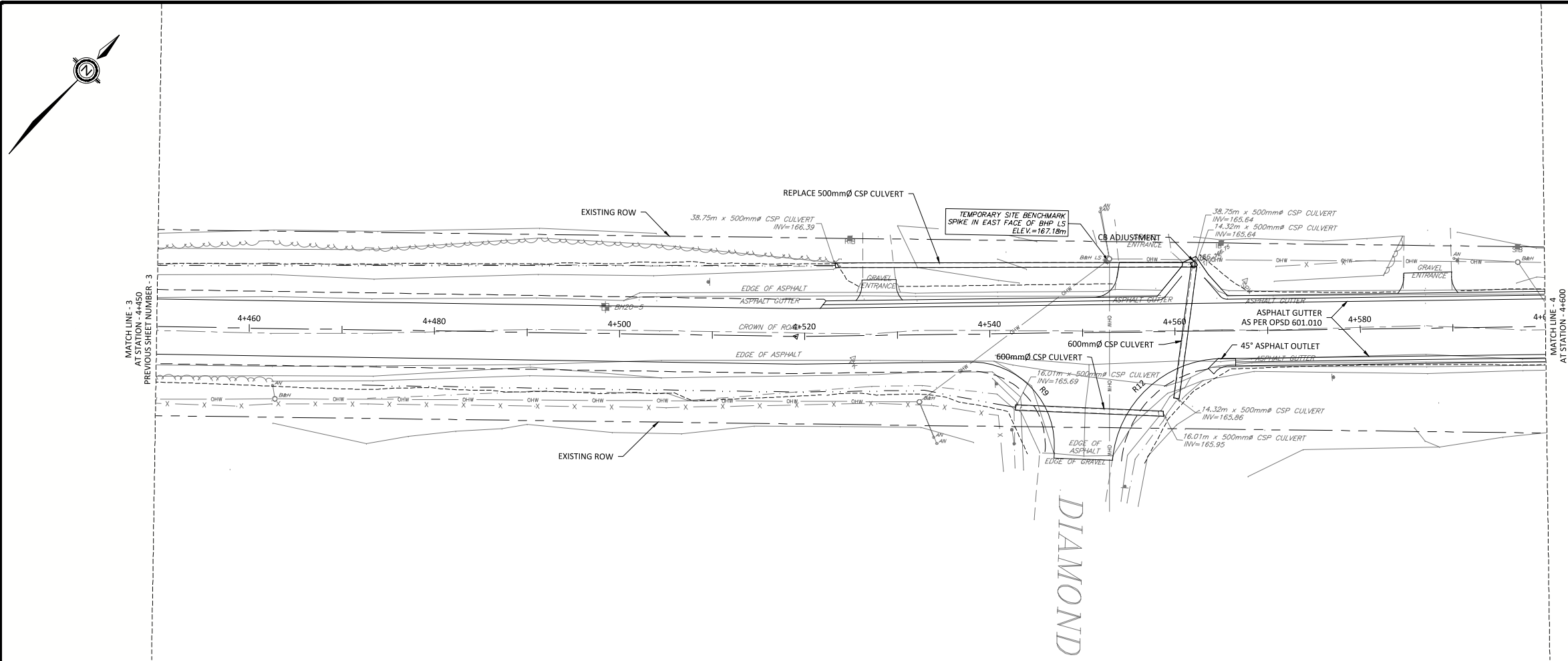
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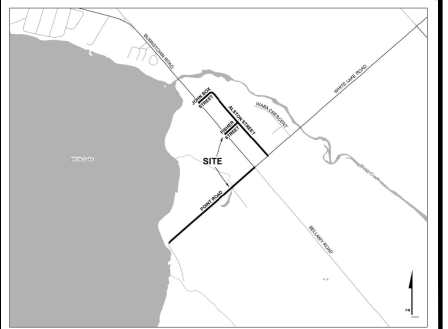
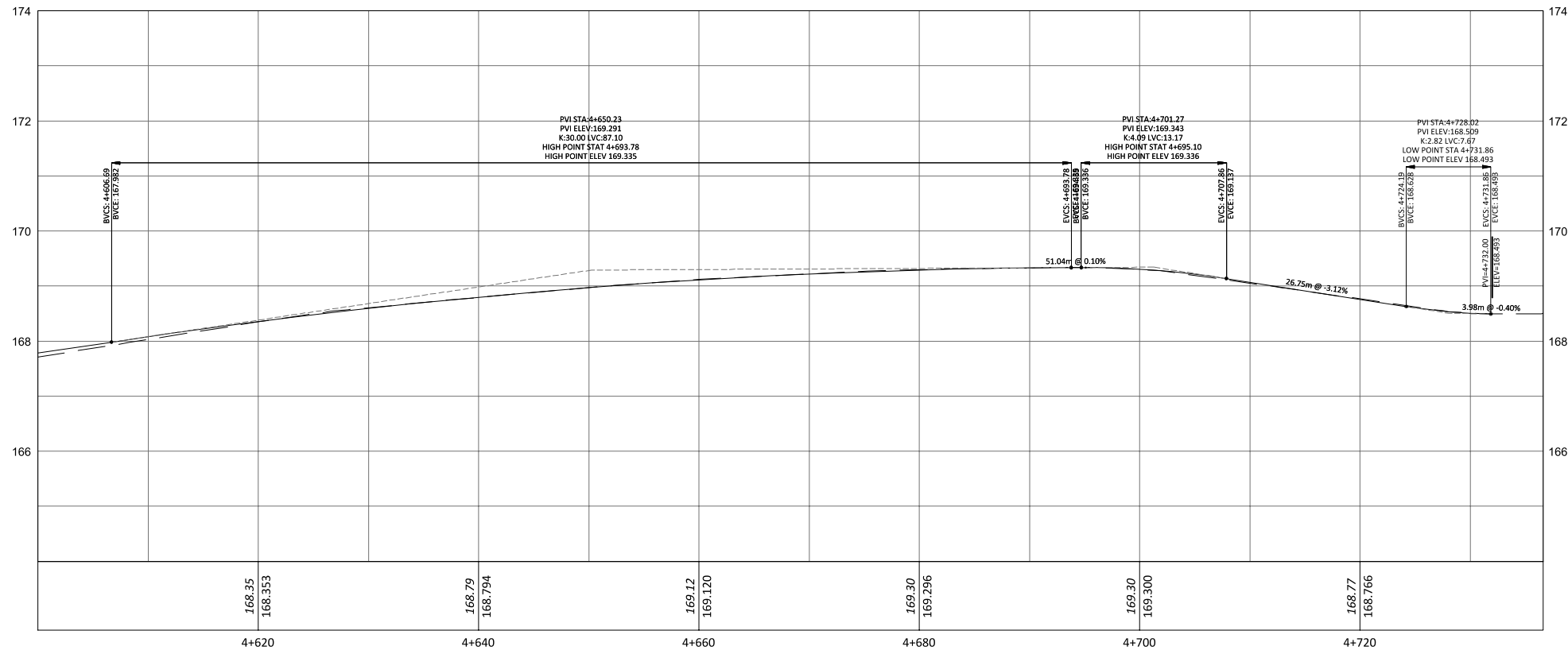
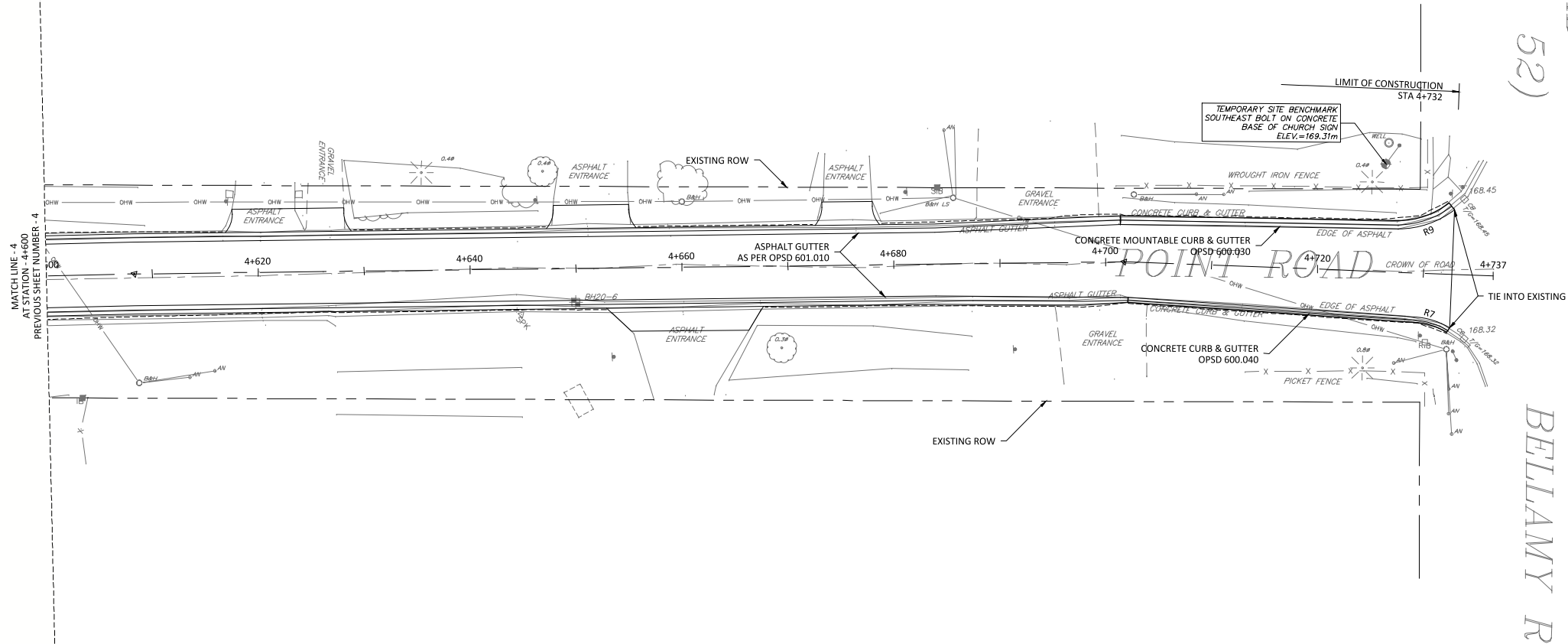
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Client: TOWNSHIP OF MCNAB/BRAESIDE		
Project: VILLAGE OF WHITE LAKE ROAD RENEWAL		
White Lake Ontario		
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Project:
VILLAGE OF WHITE LAKE ROAD RENEWAL

White Lake Ontario

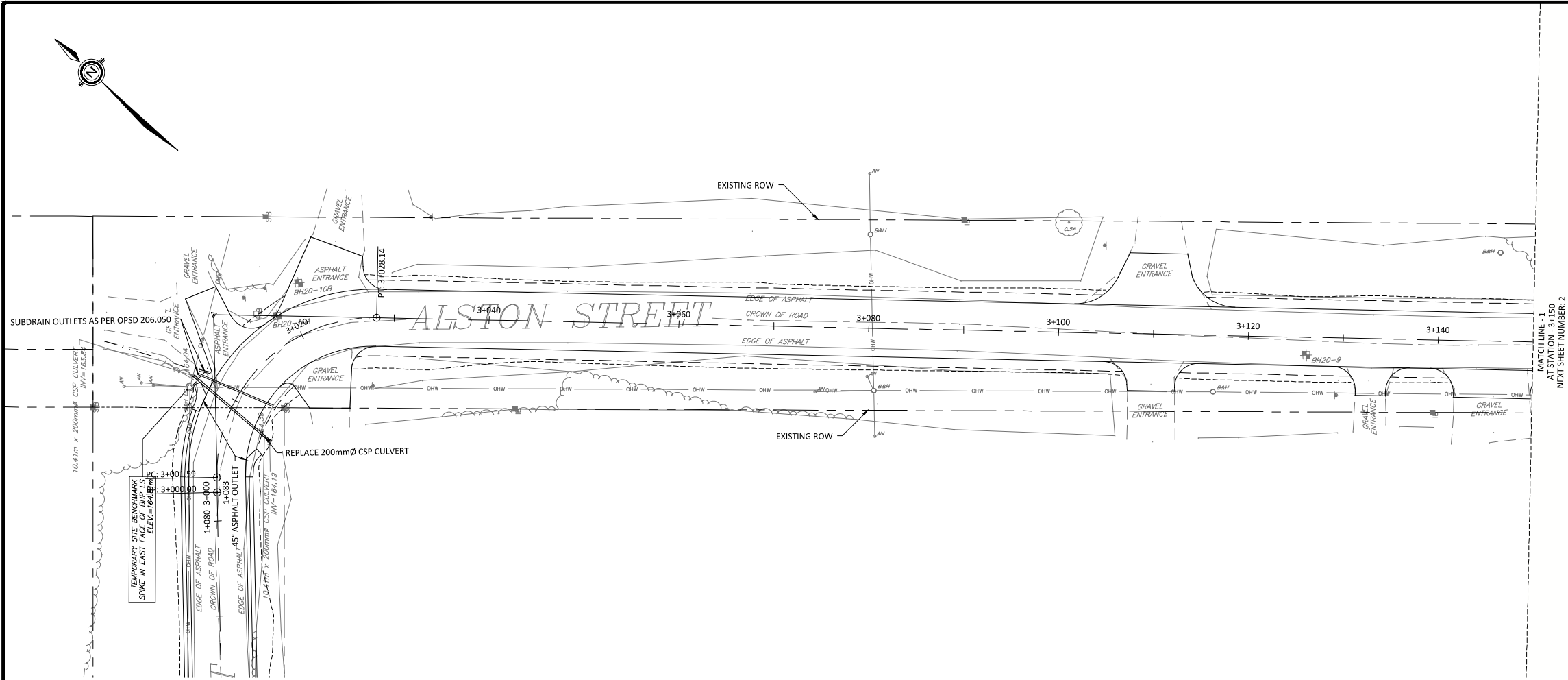
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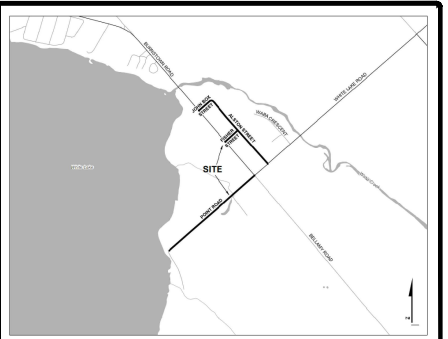
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MATCH LINE - 1
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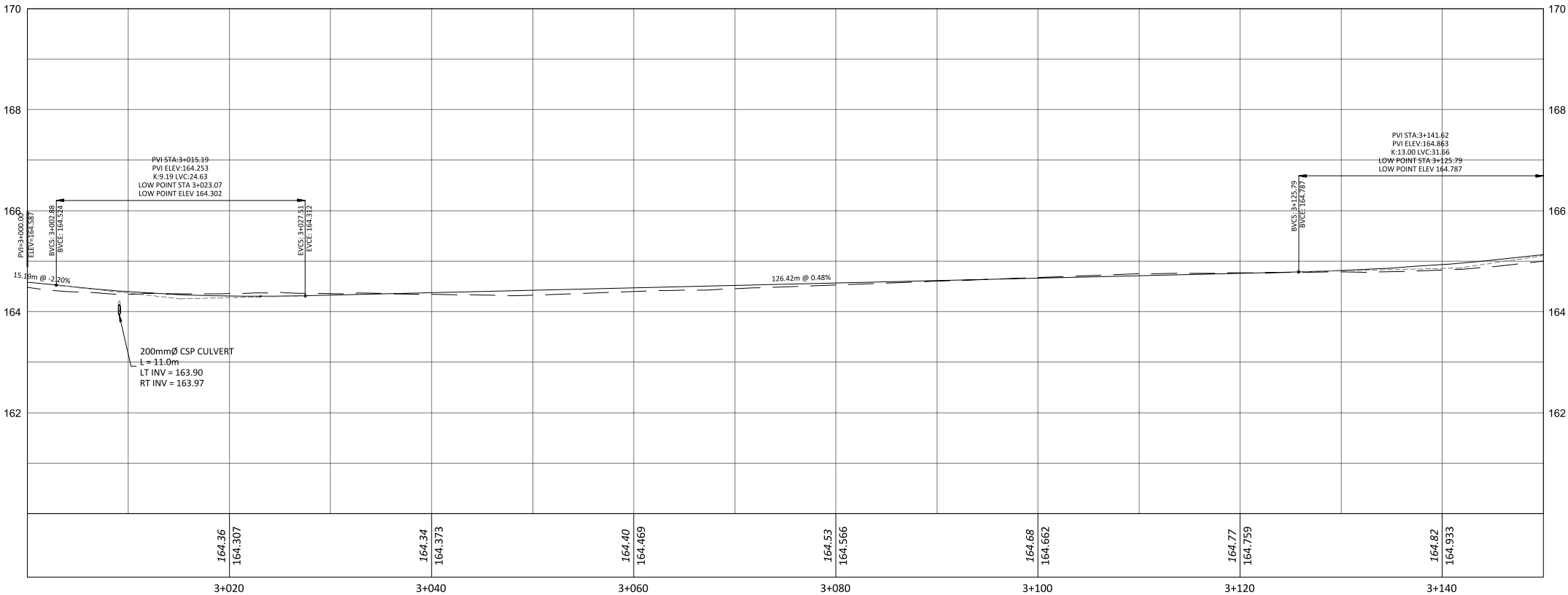
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Project:
VILLAGE OF WHITE LAKE ROAD RENEWAL

White Lake Ontario
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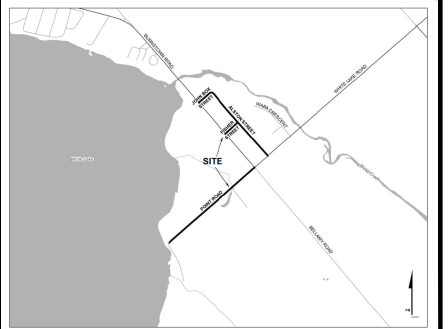
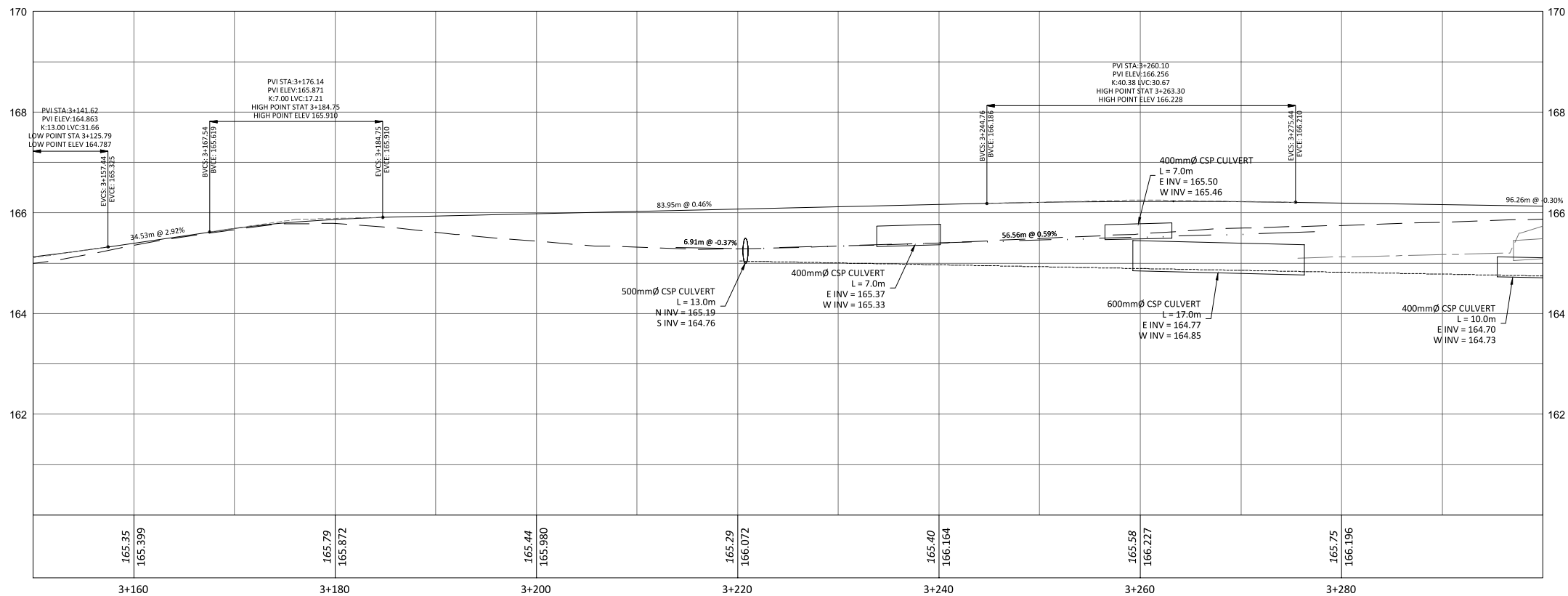
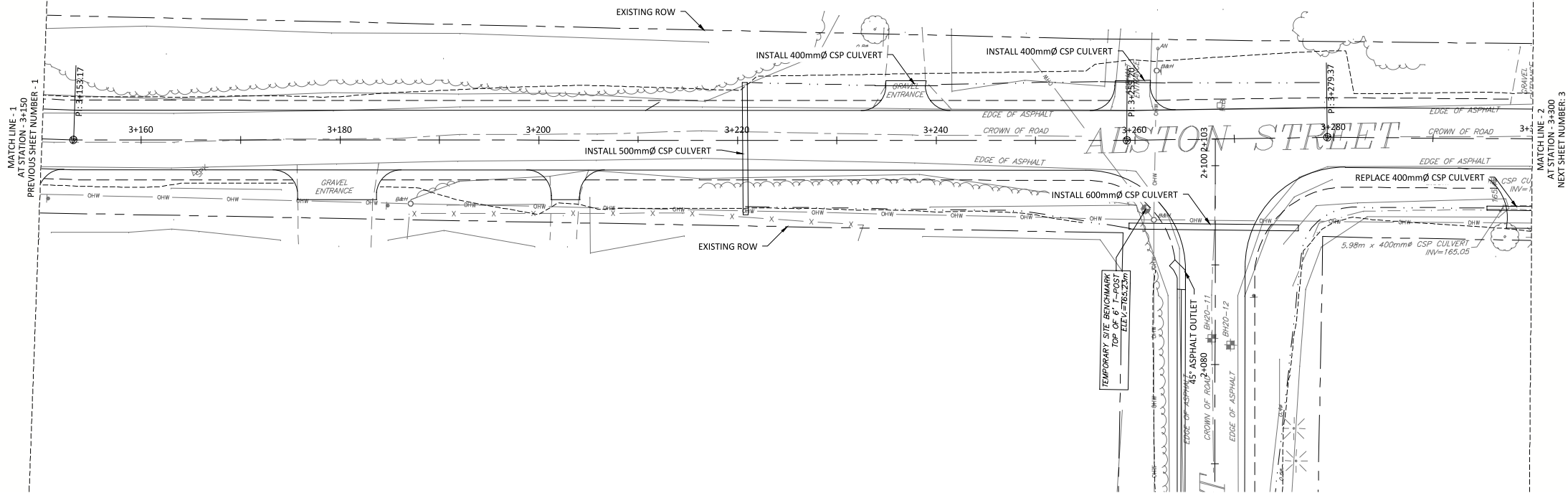
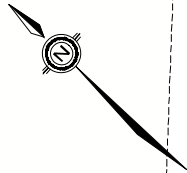
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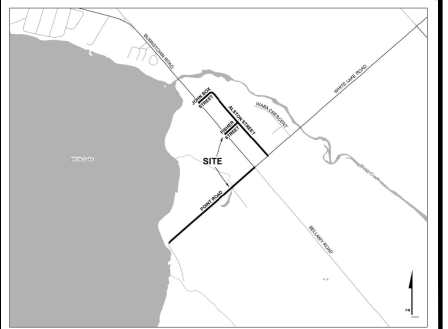
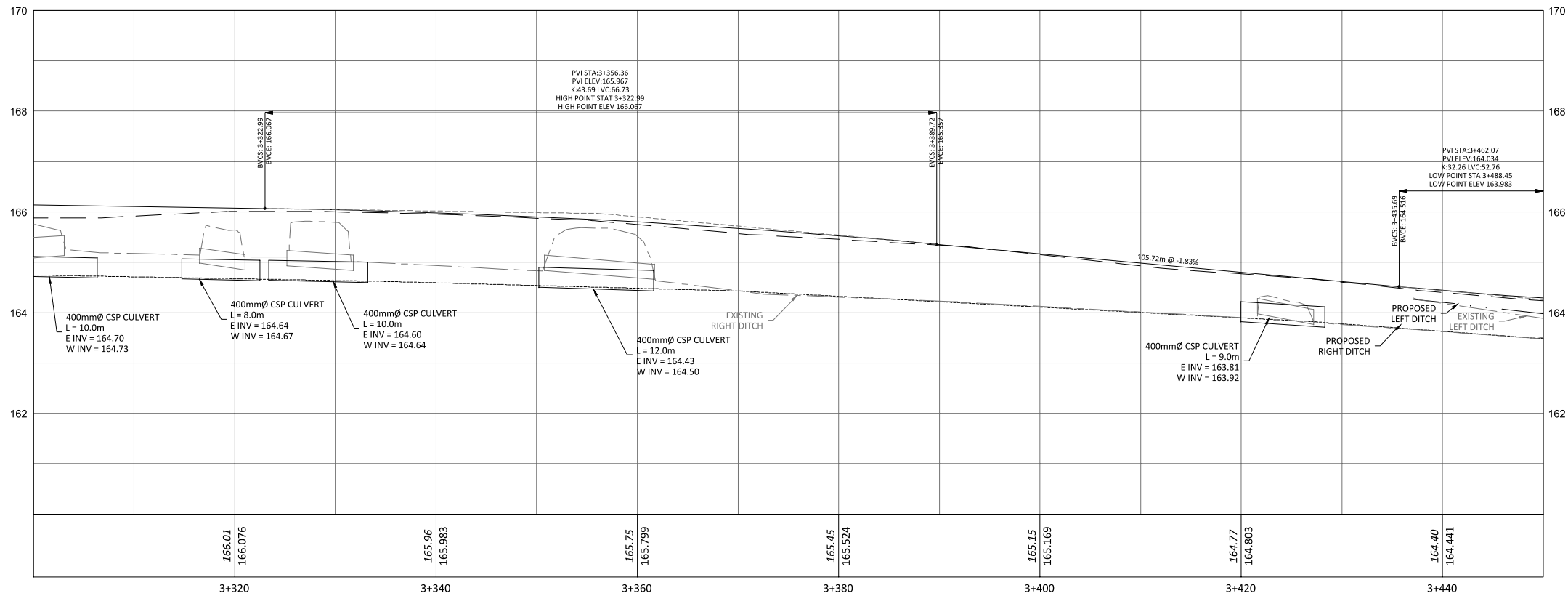
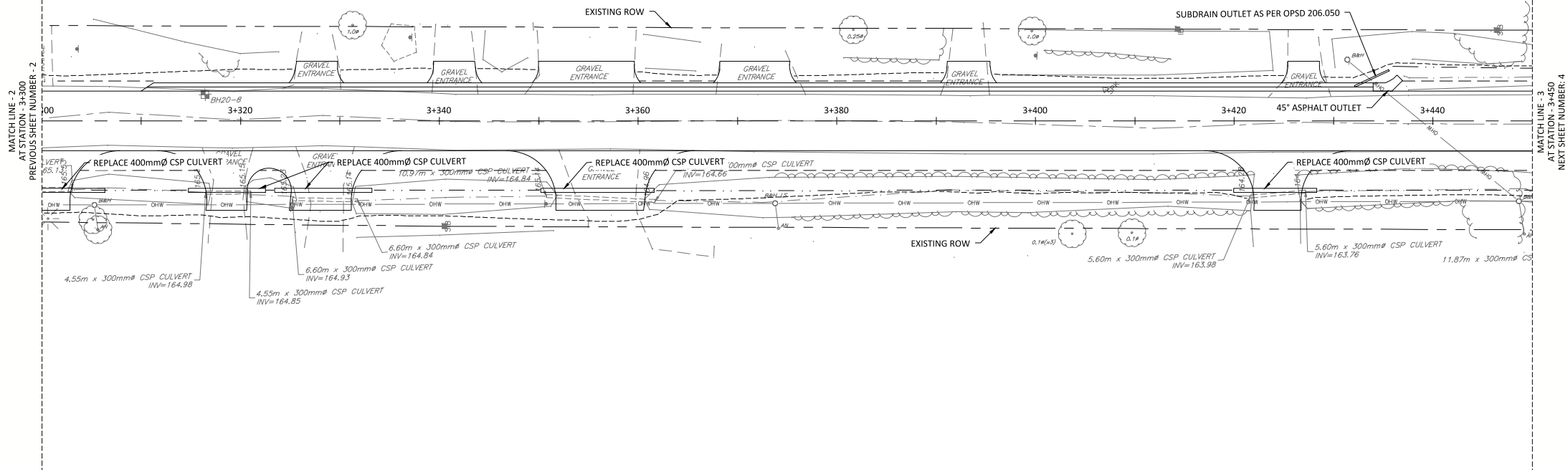
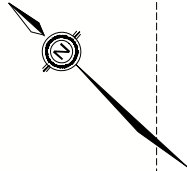
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Stamp:		Stamp:
Client: TOWNSHIP OF MCNAB/BRAESIDE		
Project: VILLAGE OF WHITE LAKE ROAD RENEWAL		
White Lake		Ontario
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Date:	SHEET 7 of 14	
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Client:
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Project:
VILLAGE OF WHITE LAKE ROAD RENEWAL

White Lake Ontario

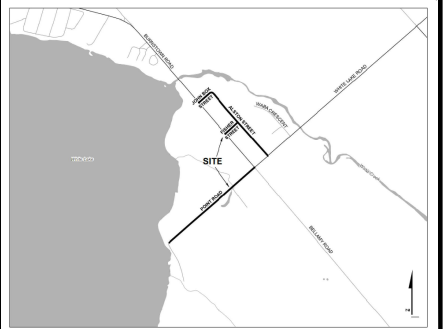
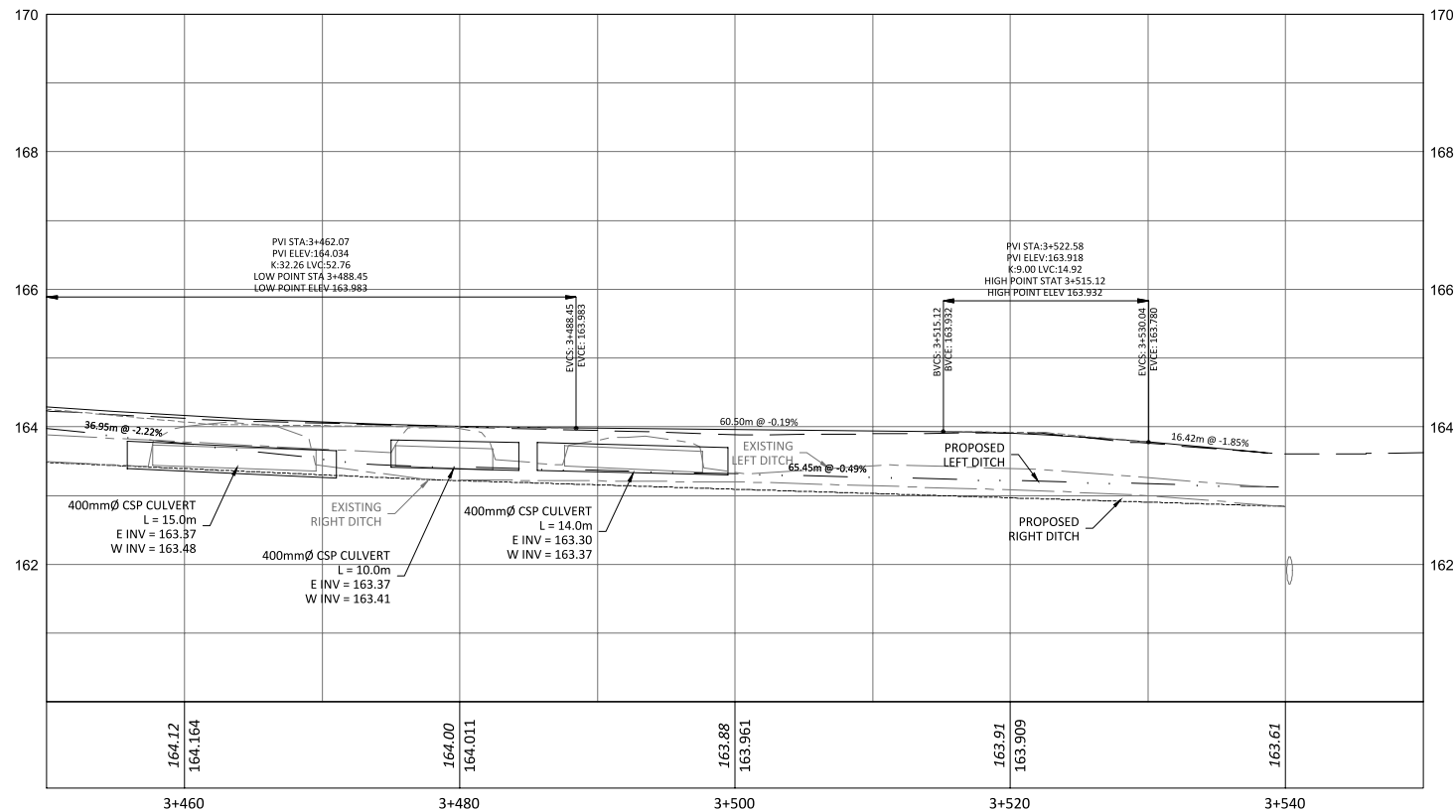
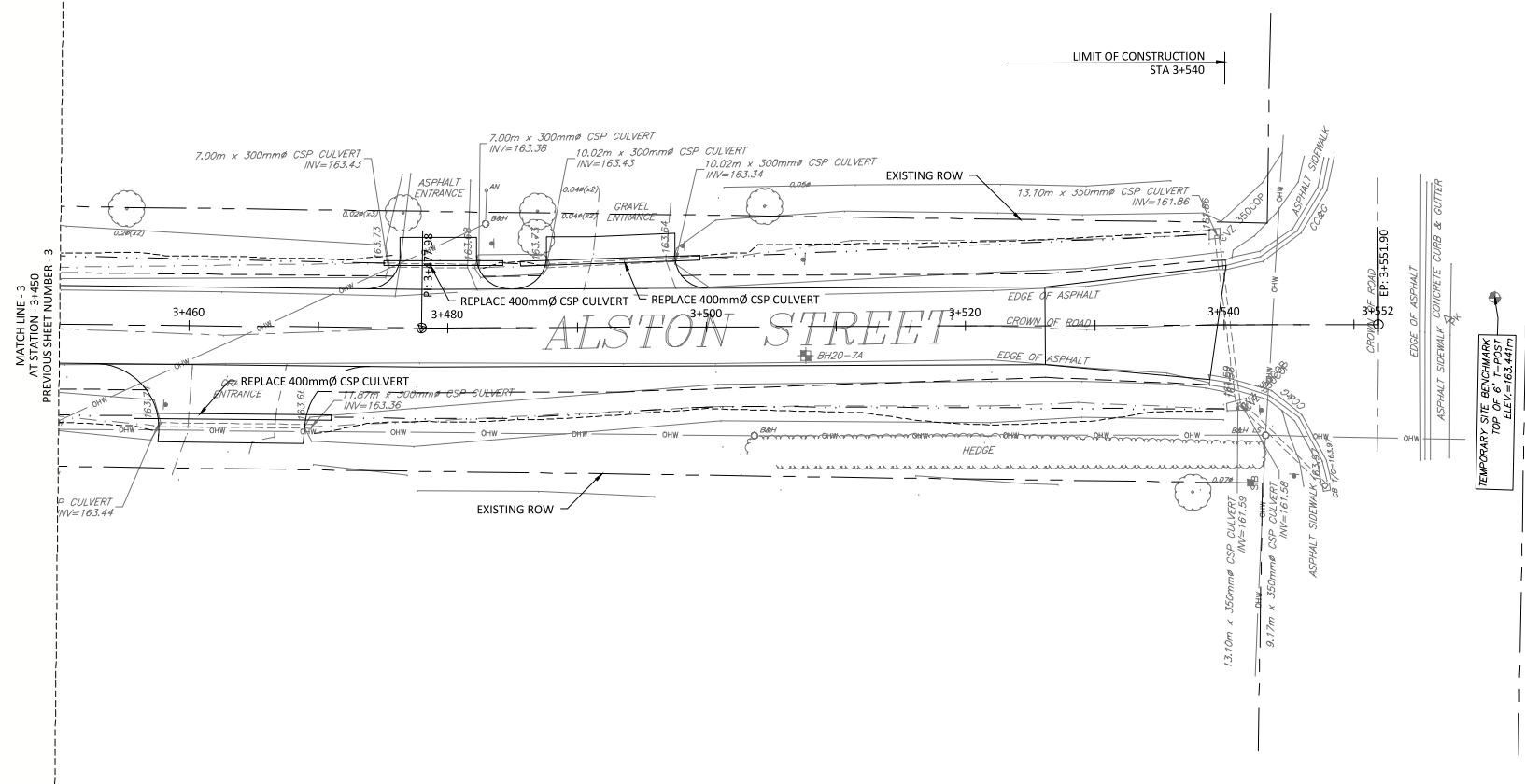
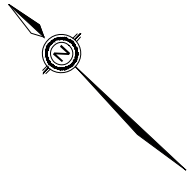
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Date:	SHEET 8 of 14

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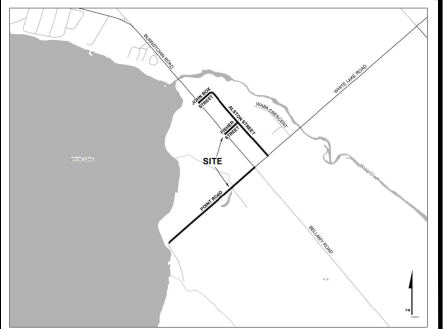
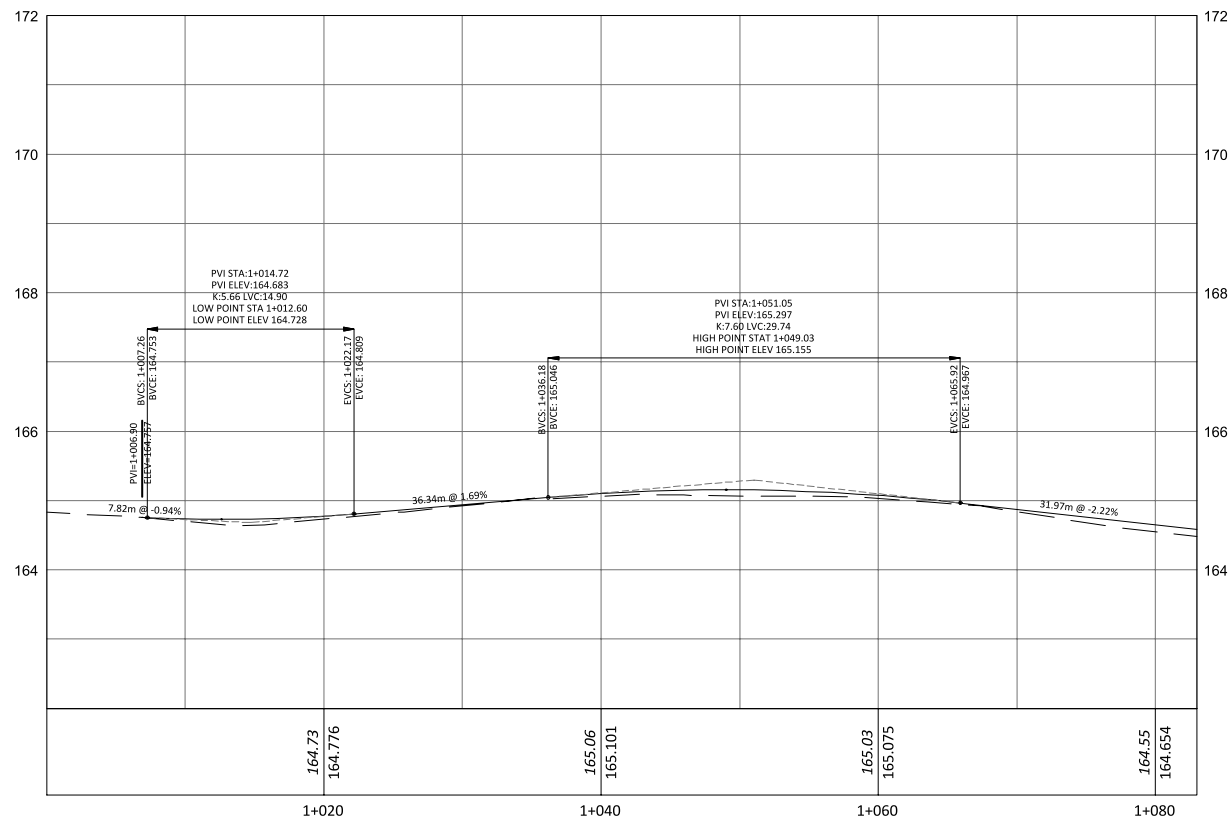
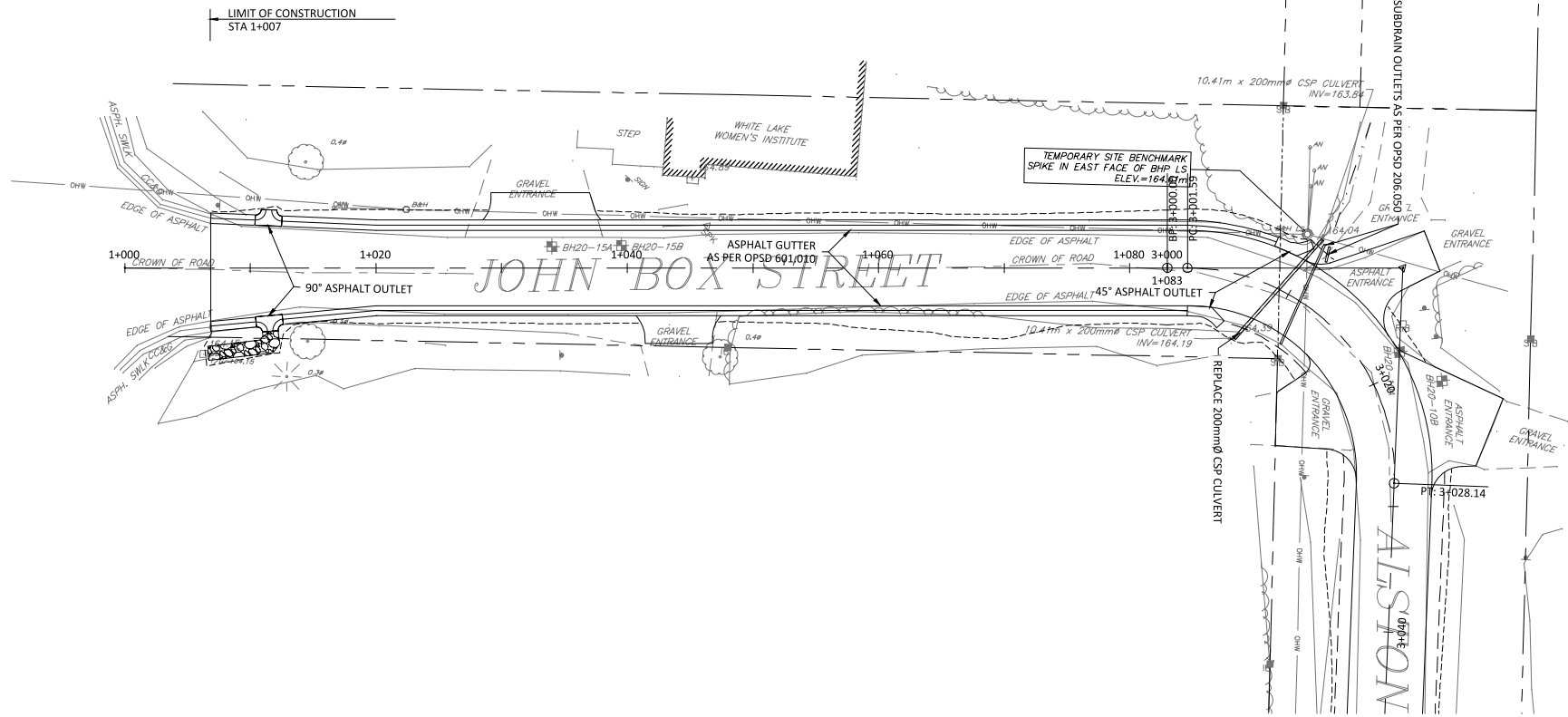
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Client:
TOWNSHIP OF MCNAB/BRAESIDE

Project:
VILLAGE OF WHITE LAKE ROAD RENEWAL
White Lake Ontario

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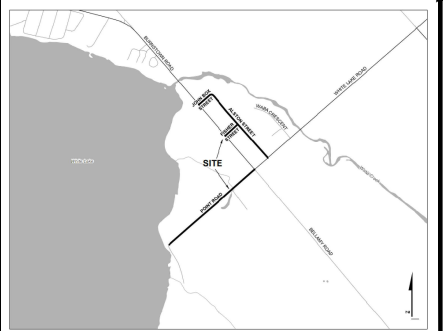
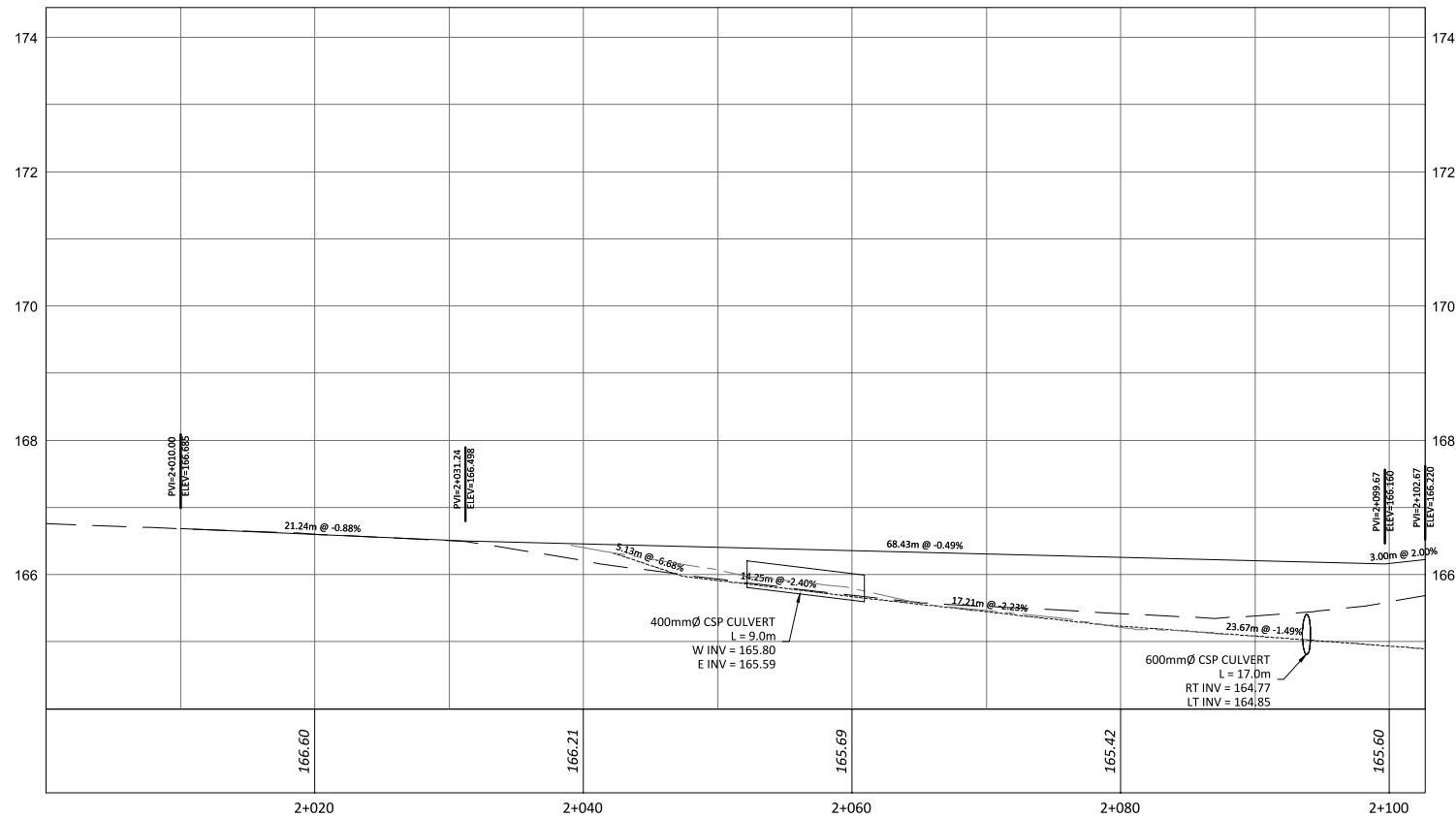
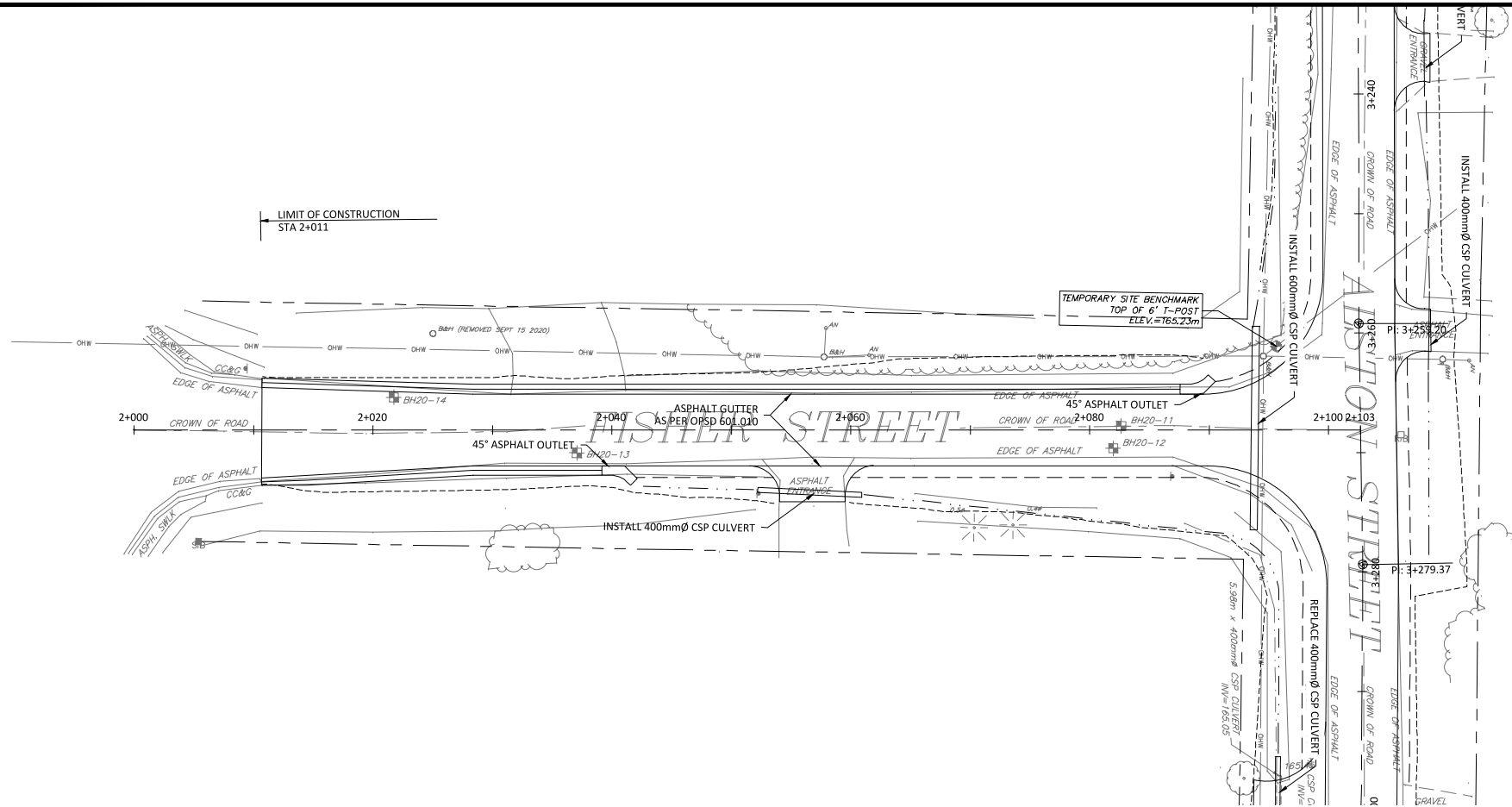
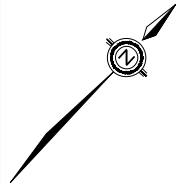
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VILLAGE OF WHITE LAKE ROAD RENEWAL

White Lake Ontario
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JOHN BOX STREET - STATION 1+000 TO 1+083**

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Date:	SHEET 10 of 14

P&P-010

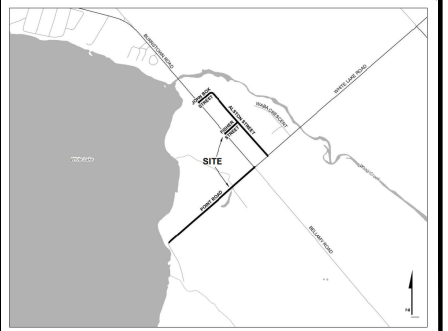
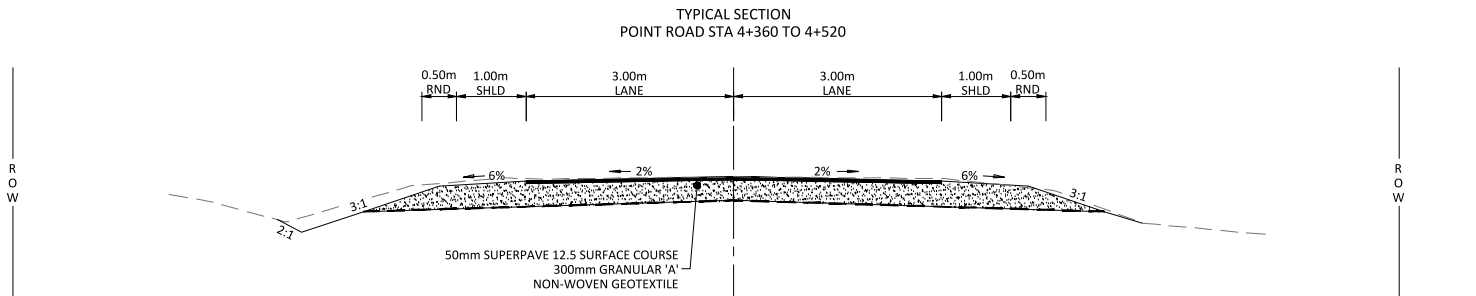
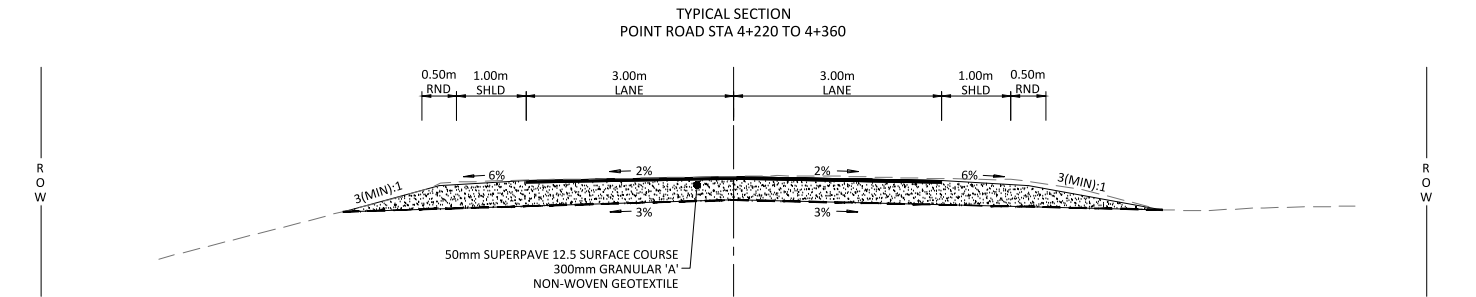
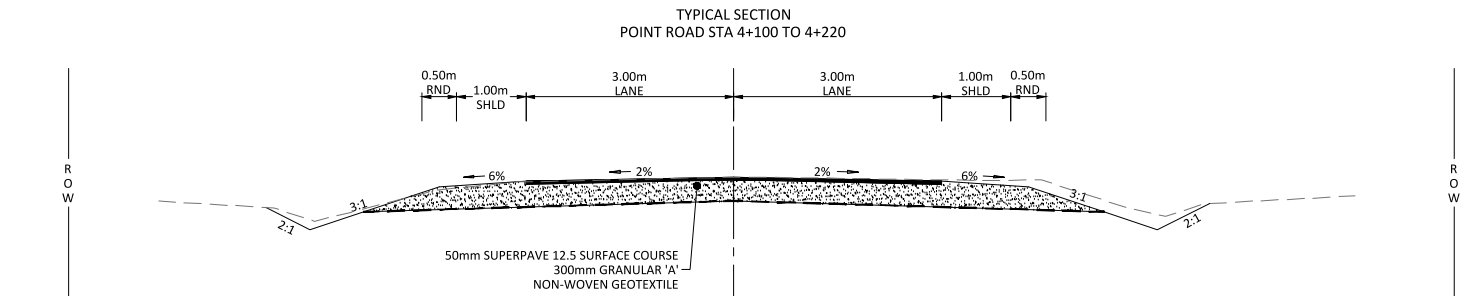
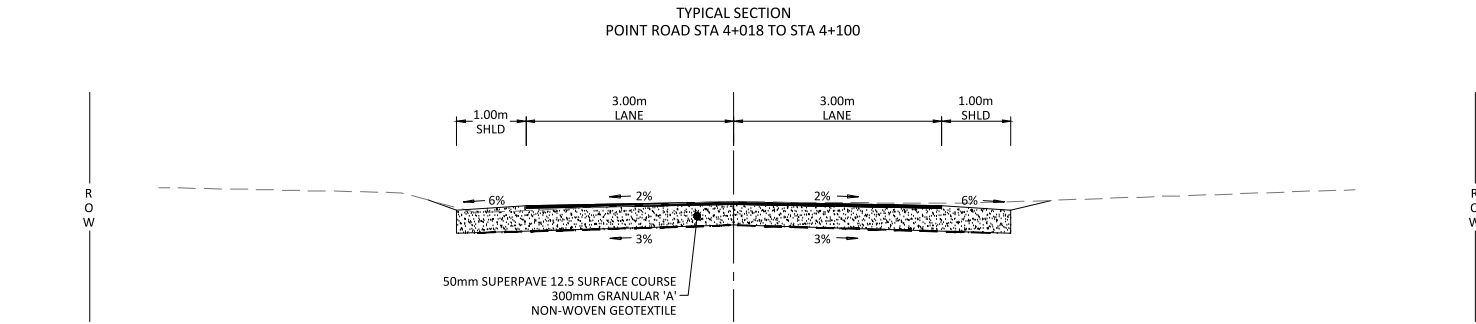
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LAST EDITED: Friday, September 24, 2021 1:54:03 PM BY: g.ah



1	PRELIMINARY DESIGN CIRCULATION	10/08/2021
No.	Revision/Issue	Date
Check and verify all dimensions before proceeding with the work		
Do not scale drawings		
<div>McINTOSH PERRY</div> <div>115 Walgreen Road, RR 3 Carp, ON K0A 1L0 Tel: 613-836-2184 Fax: 613-836-3742 www.mcintoshperry.com</div>		
Stamp:		Stamp:
Client: TOWNSHIP OF MCNAB/BRAESIDE		
Project: VILLAGE OF WHITE LAKE ROAD RENEWAL		
White Lake		Ontario
Drawing Title: PLAN AND PROFILE FISHER STREET - STATION 2+000 TO 2+103		
Scale: 1:250	Project Number: 21-1223	
Drawn by: GE	P&P-011	
Checked By:		
Designed By: CM		
Date:		
SHEET 11 of 14		

TO BE READ IN CONJUNCTION WITH CONTRACT DOCUMENTS

ELIMINATE: (A) Drawings (01) Project: Proposed Village of White Lake Road Renewal (12 Drawings) (03 Contract Drawings) (31 1223 TYP Ave
DO NOT SAVE: Friday, September 24, 2021 1:51 PM
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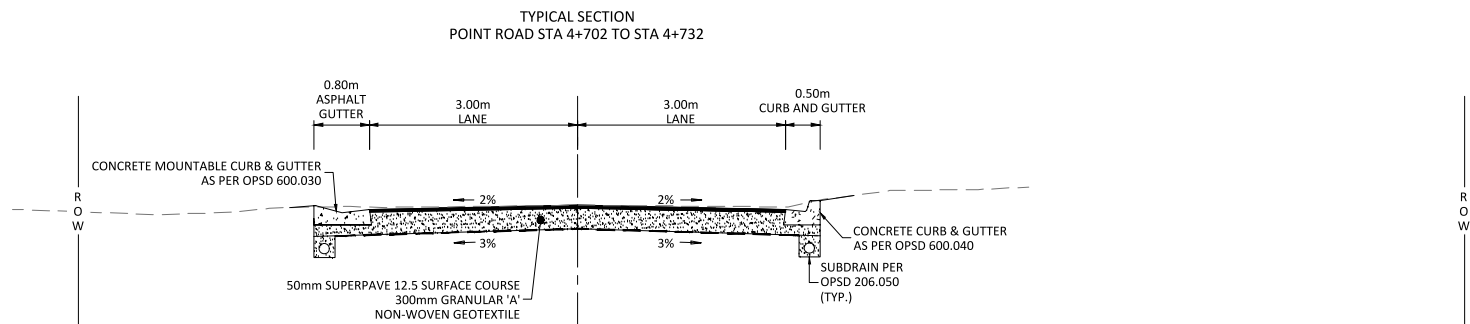
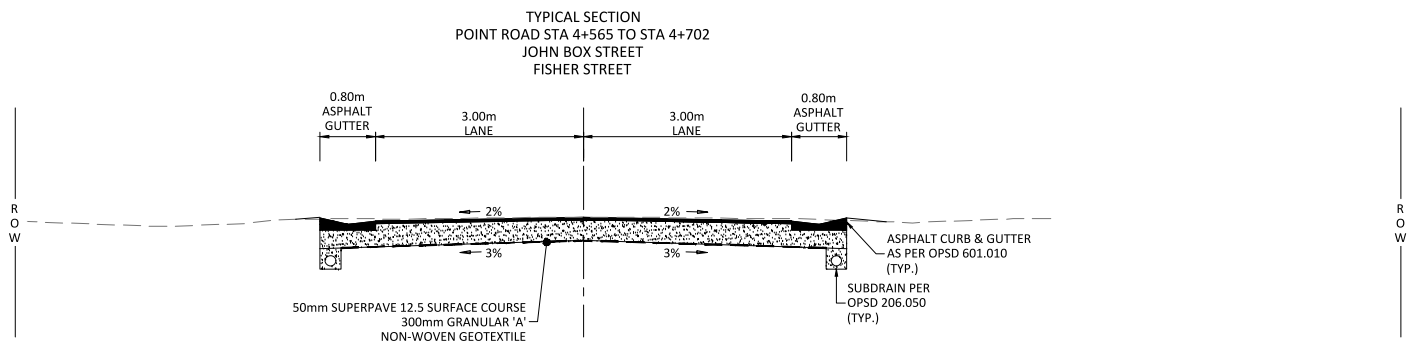
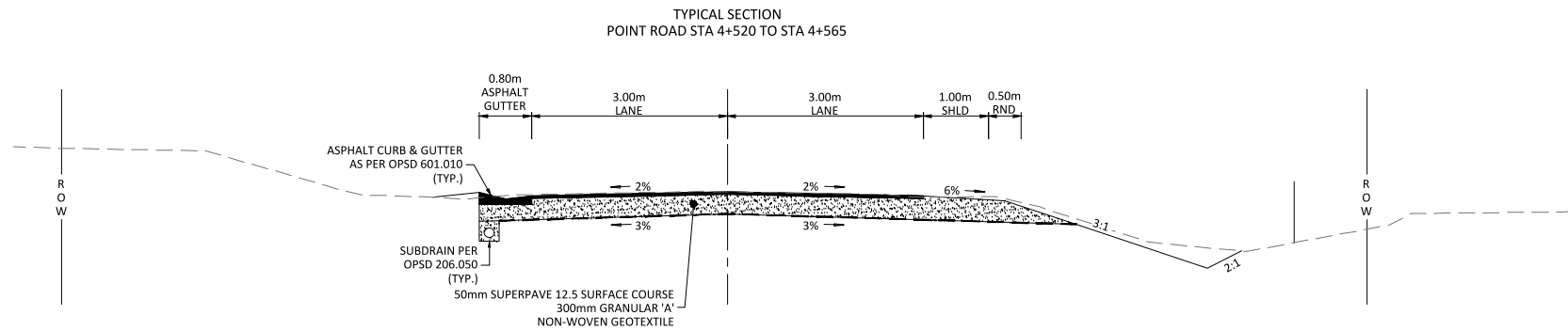
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VILLAGE OF WHITE LAKE ROAD RENEWAL

White Lake Ontario

Drawing Title:
TYPICAL SECTIONS - POINT ROAD 1 OF 2

Scale:	Project Number:
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Checked By:	
Designed By: CM	Drawing Number:
Date:	SHEET 11 of 14 TYP-001

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CUT/EDITED: Friday, September 24, 2021 1:51 PM BY: g.ahh



1	PRELIMINARY DESIGN CIRCULATION	10/08/2021
No.	Revision/Issue	Date

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Client:
TOWNSHIP OF MCNAB/BRAESIDE

Project:
VILLAGE OF WHITE LAKE ROAD RENEWAL

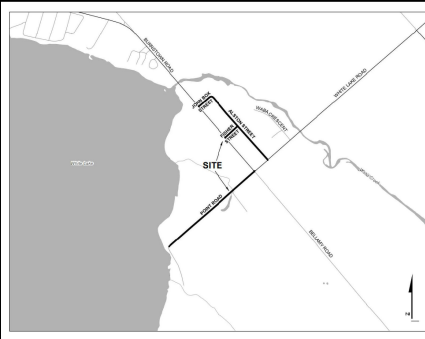
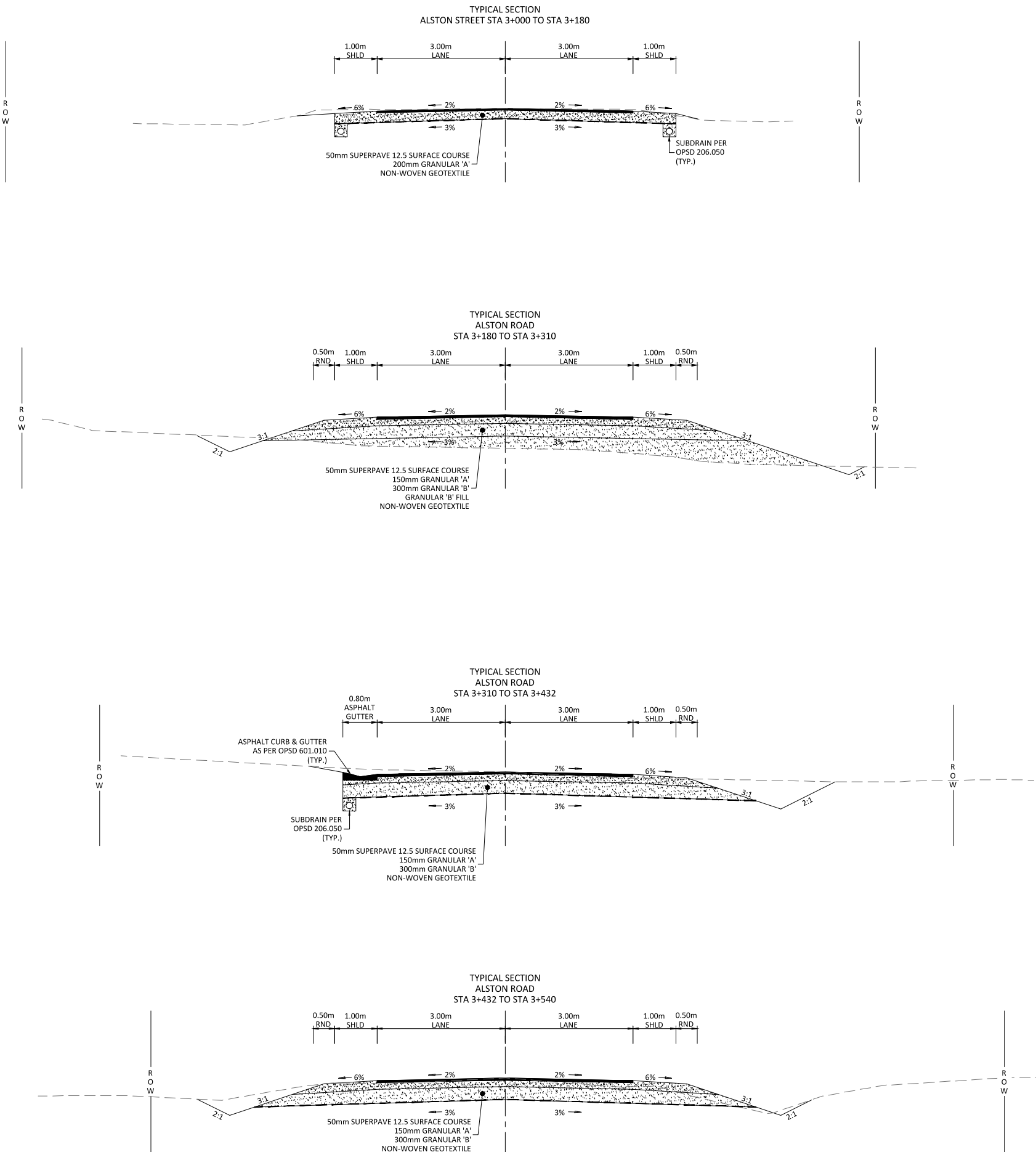
White Lake Ontario
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JOHN BOX STREET
FISHER STREET

Scale:	Project Number:
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Date:	SHEET 13 of 14

TYP-002

TO BE READ IN CONJUNCTION WITH CONTRACT DOCUMENTS

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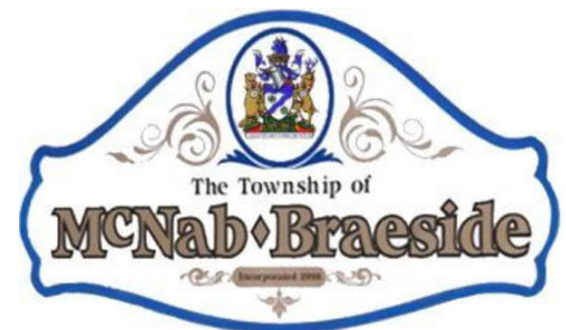
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No.	Revision/Issue	Date
Check and verify all dimensions before proceeding with the work		
Do not scale drawings		
115 Walgreen Road, RR 3 Carp, ON K0A 1L0 Tel: 613-836-2184 Fax: 613-836-3742 www.mcintoshperry.com		
Stamp:		Stamp:
Client: TOWNSHIP OF MCNAB/BRAESIDE		
Project: VILLAGE OF WHITE LAKE ROAD RENEWAL		
White Lake Ontario		
Drawing Title: TYPICAL SECTIONS - ALSTON STREET		
Scale:	Project Number:	
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Checked By:	Drawing Number:	
Designed By: CM	SHEET 14 of 14	
Date:	TYP-003	

TO BE READ IN CONJUNCTION WITH CONTRACT DOCUMENTS

VILLAGE OF WHITE LAKE – ROAD REHABILITATION

NEXT STEPS

- Gather and incorporate feedback from the Public Information Session;
- Detailed design in the fall of 2021;
- Project tendering TBD. Council Budget Discussion for 2022;
- Construction start TBD;



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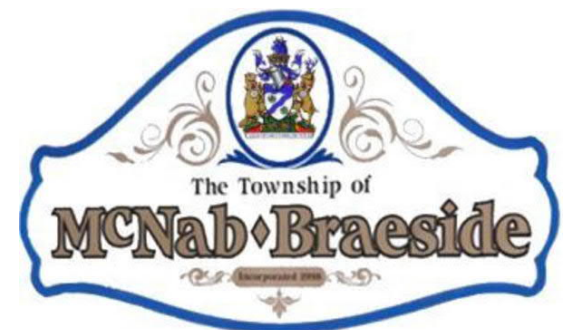
VILLAGE OF WHITE LAKE – ROAD REHABILITATION

CONTACT INFORMATION

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Rfrew@mcnabbraeside.com

Calum MacDonald, P.Eng.
McIntosh Perry Consulting Engineers
Project Manager
c.macdonald@mcintoshperry.com

Please submit all questions or comments to either of the above contacts prior to November 25th, 2021.



McINTOSH PERRY



The Township of
McNab/Braeside

McINTOSH PERRY