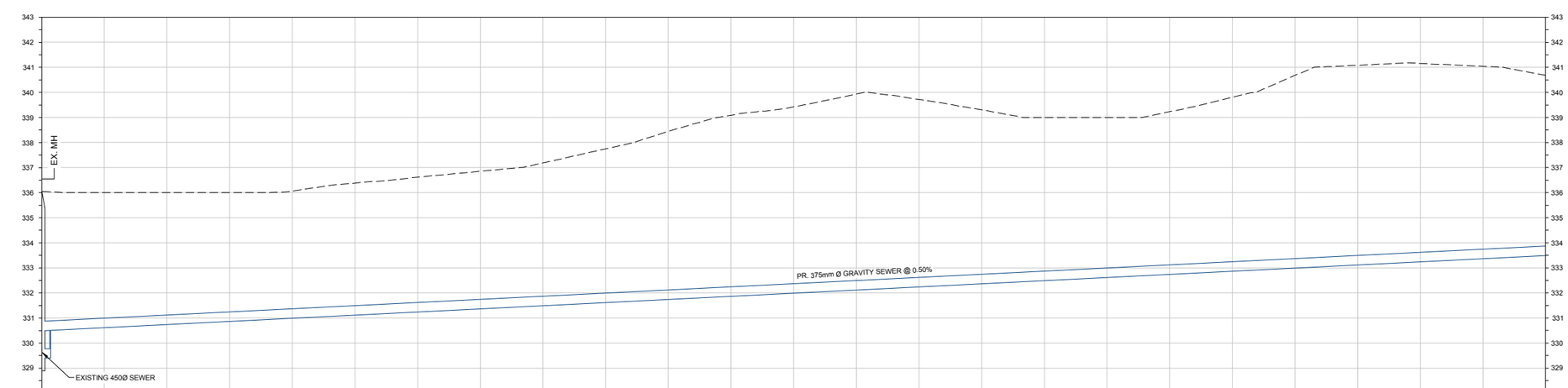
ALTERNATIVE B - PROPOSED SEWER ALIGNMENT PROFILE



STA	EXIST. ELEV.
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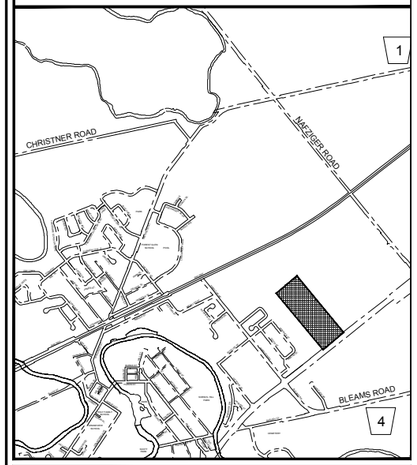
1+025	336.00
1+050	336.00
1+075	336.00
1+100	336.06
1+125	336.38
1+150	336.61
1+175	336.85
1+200	337.18
1+225	337.75
1+250	338.45
1+275	339.09
1+300	339.42
1+325	339.93
1+350	339.72
1+375	339.31
1+400	339.00
1+425	339.00
1+450	339.23
1+475	339.81
1+500	340.68
1+525	341.08
1+550	341.15
1+575	341.04
1+600	340.68

LEGEND:

- 2016-2029 GROWTH AREA SANITARY FLOW INPUT
- POST 2029 GROWTH AREA SANITARY FLOW INPUT
- ADDITIONAL 2016-2029 GROWTH AREA SANITARY FLOW INPUT
- ADDITIONAL 2029 GROWTH AREA SANITARY FLOW INPUT

NOTES:

1. PROPOSED MANHOLES GREATER THAN 5 METERS DEEP SHALL HAVE A SAFETY PLATFORM
2. EXISTING GRADE BASED ON GIS INFORMATION



SCALE VERIFICATION

THIS BAR MEASURES 50mm ON ORIGINAL. ADJUST SCALE ACCORDINGLY.

NOT ISSUED FOR CONSTRUCTION

TOWNSHIP OF WILMOT
BADEN AND NEW HAMBURG

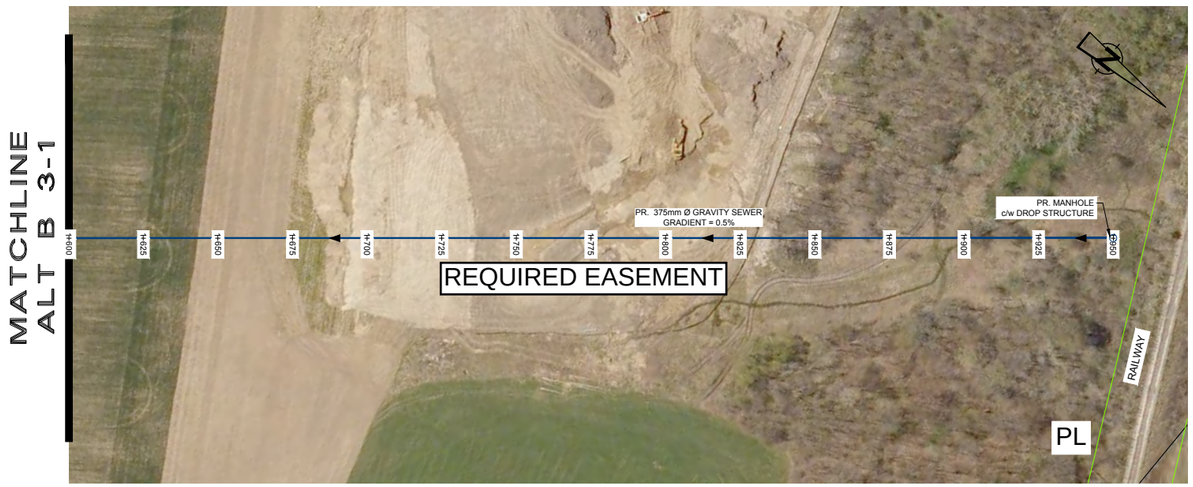
WASTEWATER SERVICING STUDY

ALTERNATIVE B
PROPOSED SEWER ALIGNMENT

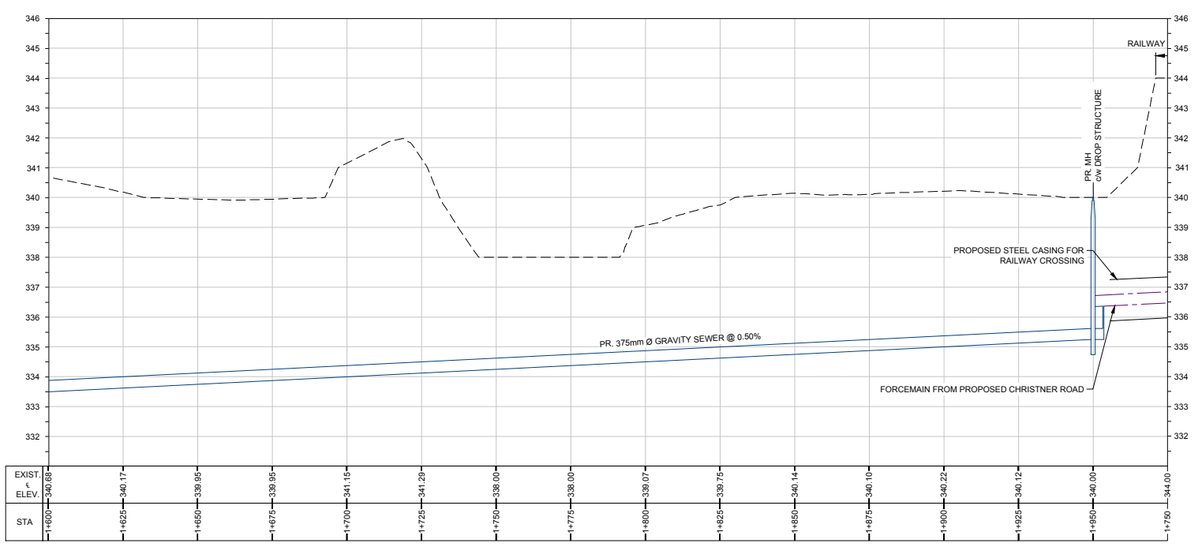
CONESTOGA-ROVERS & ASSOCIATES

Source Reference:

Project Manager:	Reviewed By:	Date:	
G. WONG	B. MARIN	SEPT 2013	
Scale: NOT TO SCALE	Project Nº: 78251-00	Report Nº: 001	Figure: ALT B 3-1



ALTERNATIVE B - PROPOSED SEWER ALIGNMENT PROFILE



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LEGEND:

- 2016-2029 GROWTH AREA SANITARY FLOW INPUT
- POST 2029 GROWTH AREA SANITARY FLOW INPUT
- ADDITIONAL 2016-2029 GROWTH AREA SANITARY FLOW INPUT
- ADDITIONAL 2029 GROWTH AREA SANITARY FLOW INPUT

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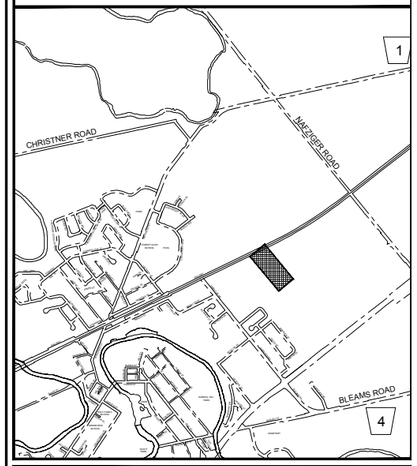

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TOWNSHIP OF WILMOT
BADEN AND NEW HAMBURG

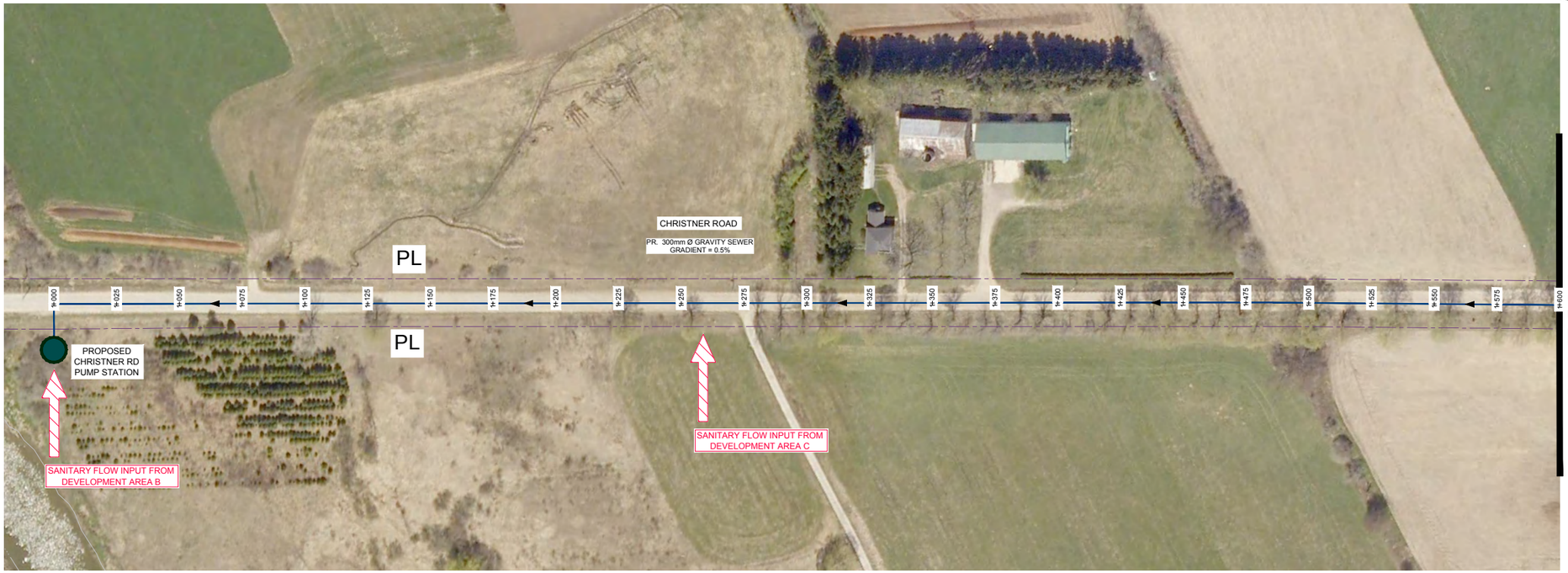
WASTEWATER SERVICING STUDY

ALTERNATIVE B
PROPOSED SEWER ALIGNMENT

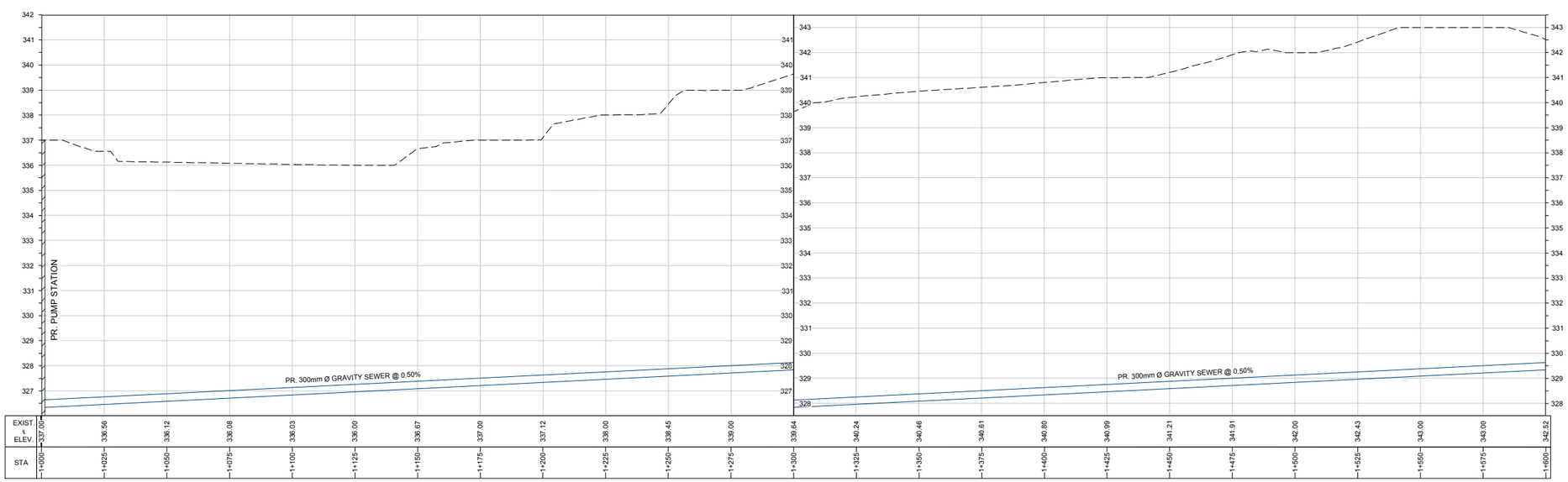
CONESTOGA-ROVERS & ASSOCIATES

Source Reference:

Project Manager:	Reviewed By:	Date:	
G. WONG	B. MARIN	SEPT 2013	
Scale:	Project Nº:	Report Nº:	Figure:
NOT TO SCALE	78251-00	001	ALT B 3-2



ALTERNATIVE B - PROPOSED SEWER ALIGNMENT PROFILE



LEGEND:

- 2016-2029 GROWTH AREA SANITARY FLOW INPUT
- POST 2029 GROWTH AREA SANITARY FLOW INPUT
- ADDITIONAL 2016-2029 GROWTH AREA SANITARY FLOW INPUT
- ADDITIONAL 2029 GROWTH AREA SANITARY FLOW INPUT

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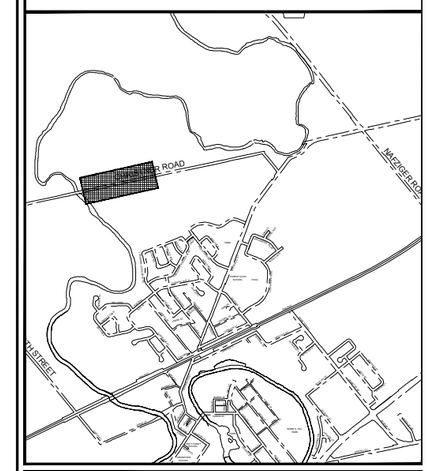

SCALE VERIFICATION

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TOWNSHIP OF WILMOT
BADEN AND NEW HAMBURG

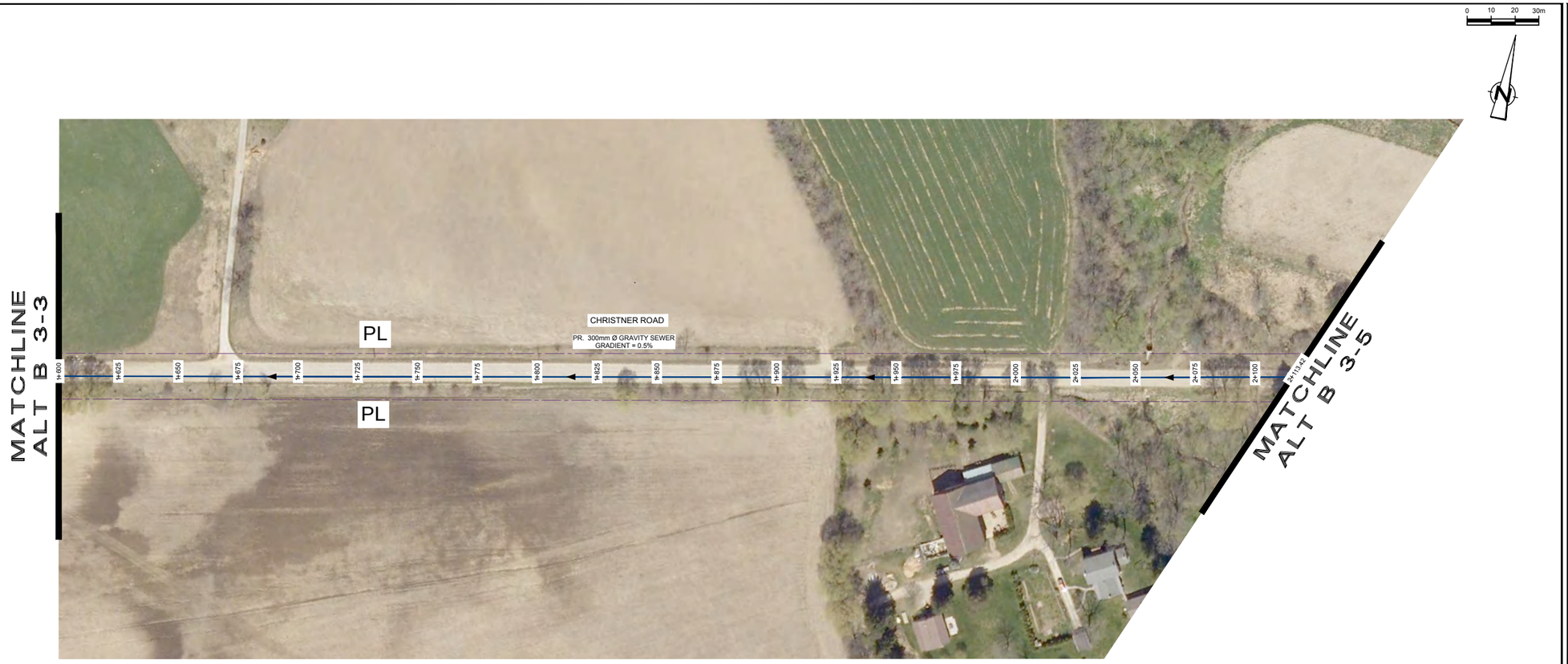
WASTEWATER SERVICING STUDY

ALTERNATIVE B
PROPOSED SEWER ALIGNMENT

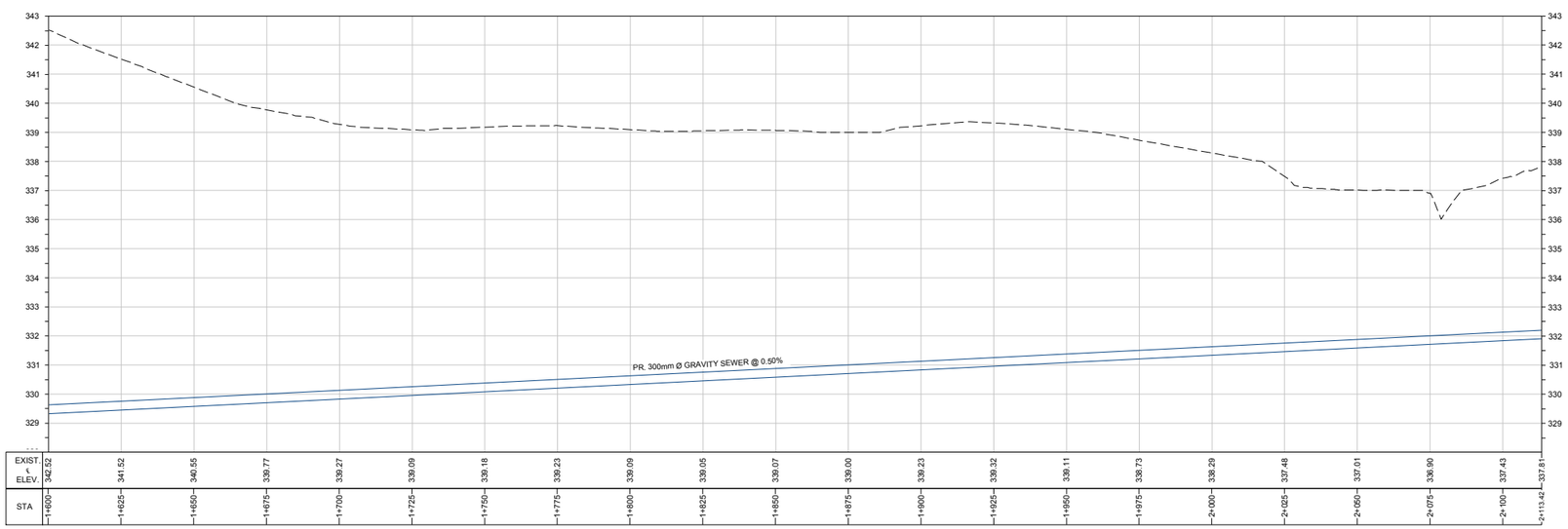
CONESTOGA-ROVERS & ASSOCIATES

Source Reference:

Project Manager:	Reviewed By:	Date:	
G. WONG	B. MARIN	SEPT 2013	
Scale:	Project Nº:	Report Nº:	Figure:
NOT TO SCALE	78251-00	001	ALT B 3-3



ALTERNATIVE B - PROPOSED SEWER ALIGNMENT PROFILE



LEGEND:

- 2016-2029 GROWTH AREA SANITARY FLOW INPUT
- POST 2029 GROWTH AREA SANITARY FLOW INPUT
- ADDITIONAL 2016-2029 GROWTH AREA SANITARY FLOW INPUT
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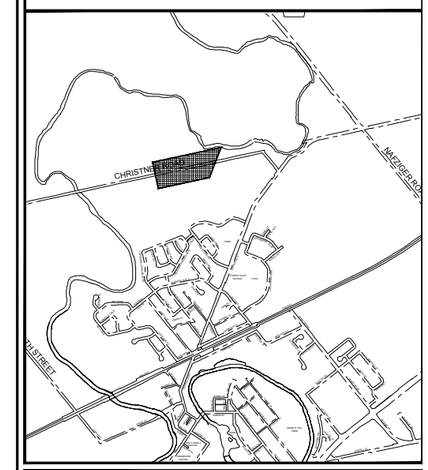

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BADEN AND NEW HAMBURG

WASTEWATER SERVICING STUDY

ALTERNATIVE B
PROPOSED SEWER ALIGNMENT

CONESTOGA-ROVERS & ASSOCIATES

Source Reference:

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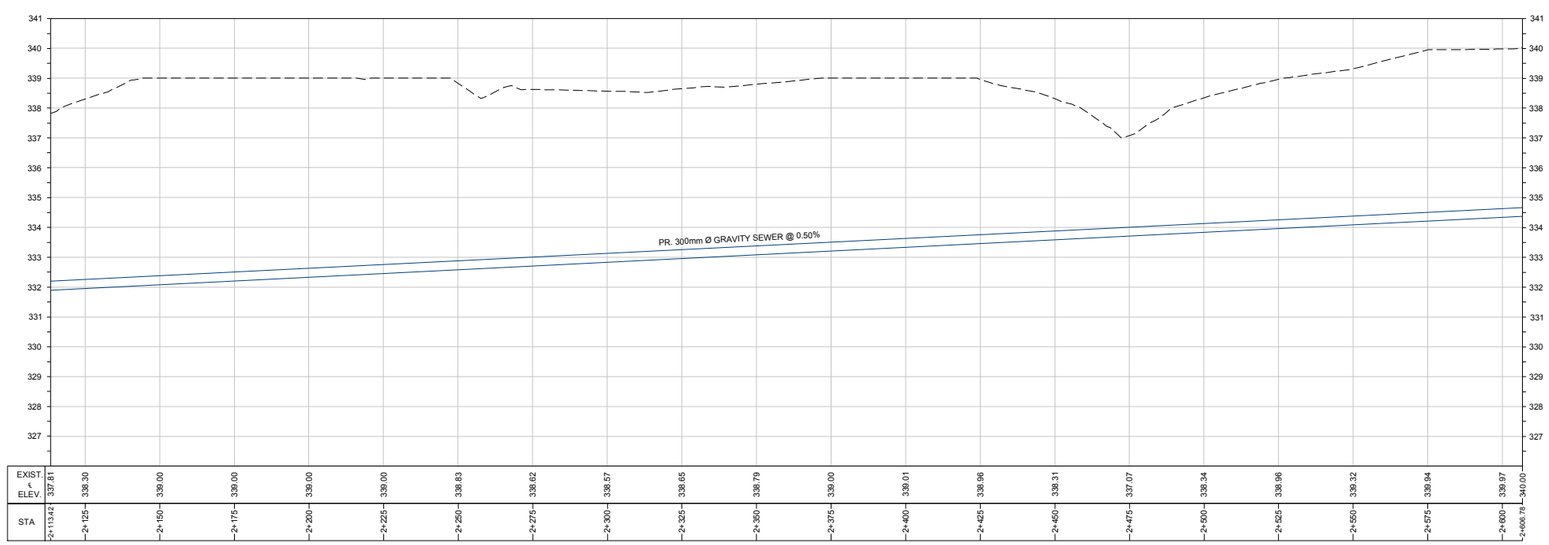
Scale:	Project Nº:	Report Nº:	Figure:
NOT TO SCALE	78251-00	001	ALT B 3-4

ALTERNATIVE B - PROPOSED SEWER ALIGNMENT PROFILE



LEGEND:

- 2016-2029 GROWTH AREA SANITARY FLOW INPUT
- POST 2029 GROWTH AREA SANITARY FLOW INPUT
- ADDITIONAL 2016-2029 GROWTH AREA SANITARY FLOW INPUT
- ADDITIONAL 2029 GROWTH AREA SANITARY FLOW INPUT

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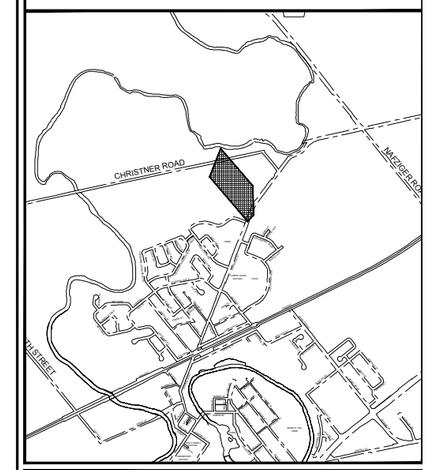

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TOWNSHIP OF WILMOT
BADEN AND NEW HAMBURG

WASTEWATER SERVICING STUDY

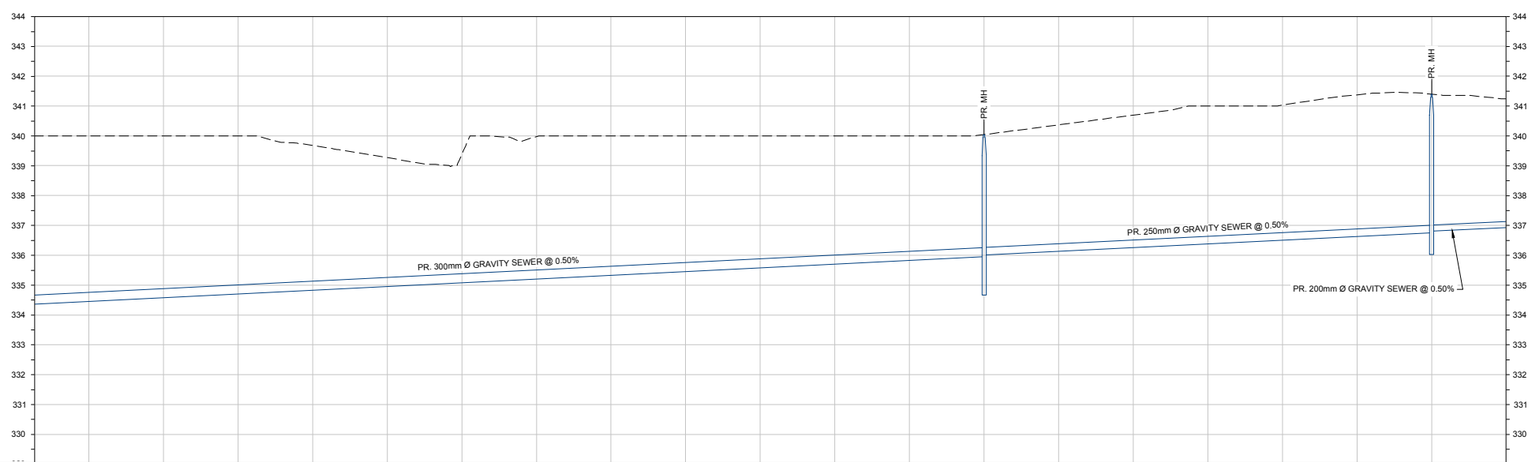
ALTERNATIVE B
PROPOSED SEWER ALIGNMENT

CONESTOGA-ROVERS & ASSOCIATES

Source Reference:

Project Manager:	Reviewed By:	Date:	
G. WONG	B. MARIN	SEPT 2013	
Scale:	Project N°:	Report N°:	Figure:
NOT TO SCALE	78251-00	001	ALT B 3-5

ALTERNATIVE B - PROPOSED SEWER ALIGNMENT PROFILE



STA	EXIST. ℄ ELEV.
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2+625	340.00
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2+750	339.38
2+775	339.97
2+800	340.00
2+825	340.00
2+850	340.00
2+875	340.00
2+900	340.00
2+925	340.04
2+950	340.37
2+975	340.69
3+000	341.00
3+025	341.03
3+050	341.37
3+075	341.40
3+100	341.24

LEGEND:

- 2016-2029 GROWTH AREA SANITARY FLOW INPUT
- POST 2029 GROWTH AREA SANITARY FLOW INPUT
- ADDITIONAL 2016-2029 GROWTH AREA SANITARY FLOW INPUT
- ADDITIONAL 2029 GROWTH AREA SANITARY FLOW INPUT

NOTES:

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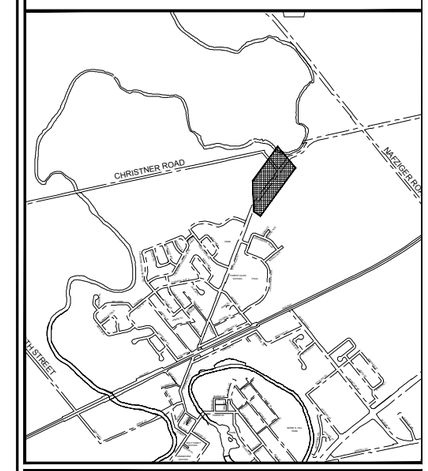

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TOWNSHIP OF WILMOT
BADEN AND NEW HAMBURG

WASTEWATER SERVICING STUDY

ALTERNATIVE B
PROPOSED SEWER ALIGNMENT

CONESTOGA-ROVERS & ASSOCIATES

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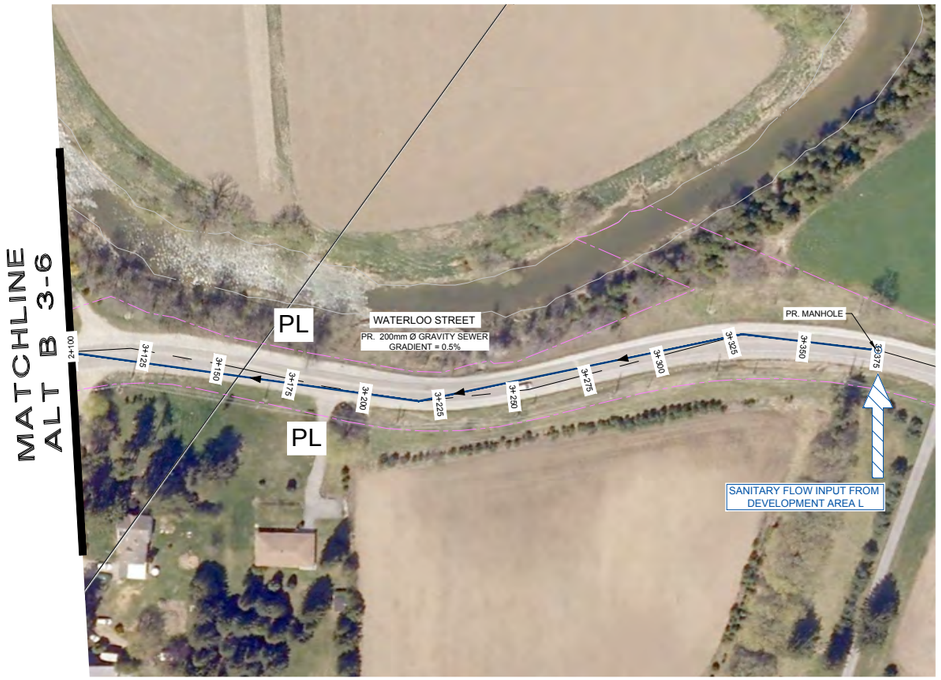
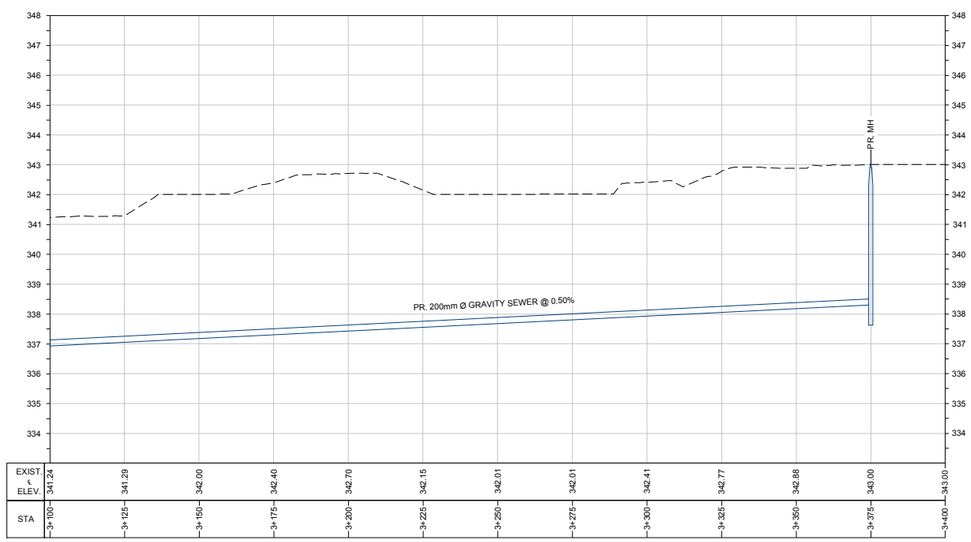
G. WONG	B. MARIN	SEPT 2013	
Scale:	Project Nº:	Report Nº:	Figure:
NOT TO SCALE	78251-00	001	ALT B 3-6



ALTERNATIVE B - PROPOSED SEWER ALIGNMENT PROFILE



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LEGEND:

- 2016-2029 GROWTH AREA SANITARY FLOW INPUT
- POST 2029 GROWTH AREA SANITARY FLOW INPUT
- ADDITIONAL 2016-2029 GROWTH AREA SANITARY FLOW INPUT
- ADDITIONAL 2029 GROWTH AREA SANITARY FLOW INPUT

NOTES:

1. PROPOSED MANHOLES GREATER THAN 5 METERS DEEP SHALL HAVE A SAFETY PLATFORM
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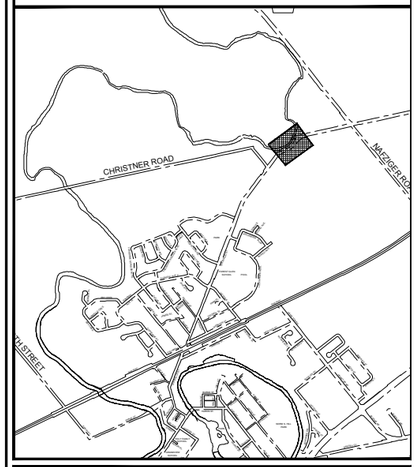

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TOWNSHIP OF WILMOT
BADEN AND NEW HAMBURG

WASTEWATER SERVICING STUDY

ALTERNATIVE B
PROPOSED SEWER ALIGNMENT

CONESTOGA-ROVERS & ASSOCIATES

Source Reference:

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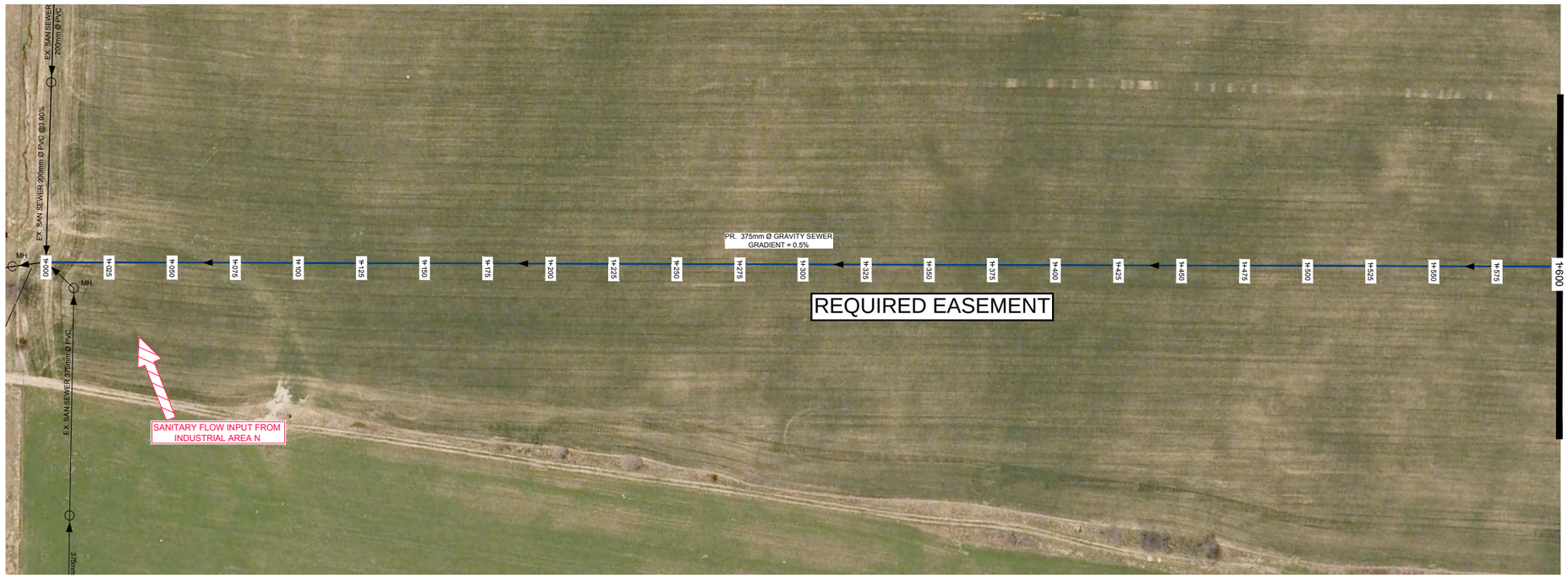
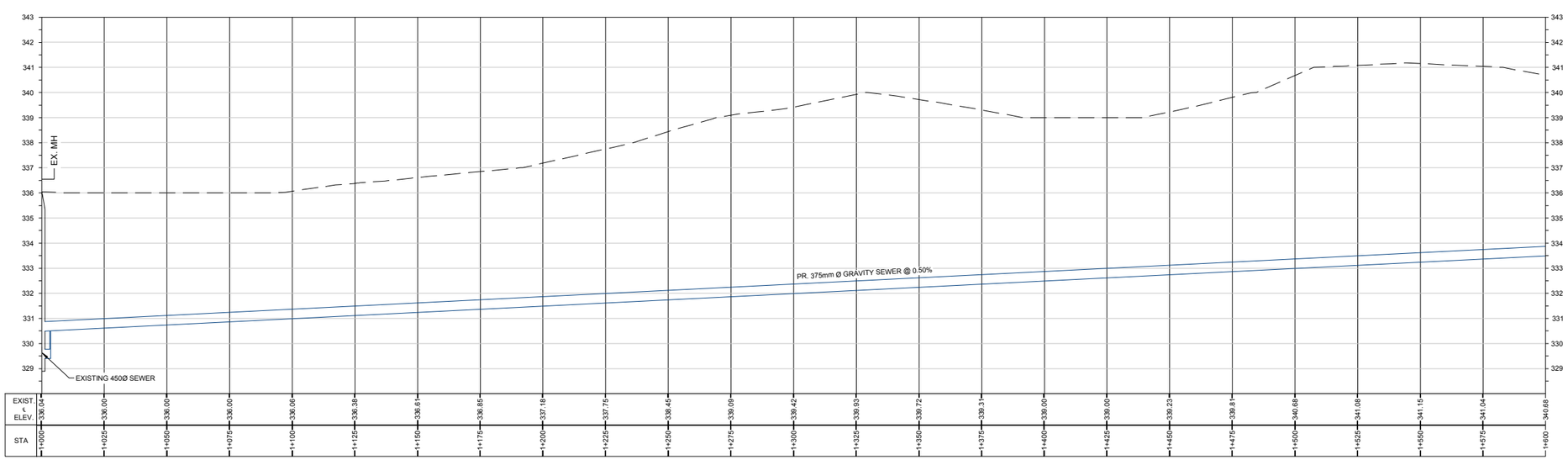
G. WONG	B. MARIN	SEPT 2013	
Scale:	Project Nº:	Report Nº:	Figure:
NOT TO SCALE	78251-00	001	ALT B 3-7



ALTERNATIVE C - PROPOSED SEWER ALIGNMENT PROFILE



LEGEND:

- 2016-2029 GROWTH AREA SANITARY FLOW INPUT
- POST 2029 GROWTH AREA SANITARY FLOW INPUT
- ADDITIONAL 2016-2029 GROWTH AREA SANITARY FLOW INPUT
- ADDITIONAL 2029 GROWTH AREA SANITARY FLOW INPUT

NOTES:

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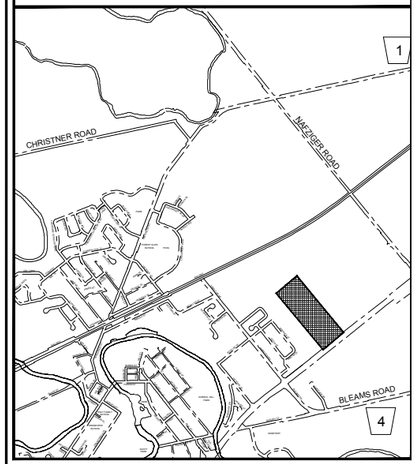

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WASTEWATER SERVICING STUDY

ALTERNATIVE C
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CONESTOGA-ROVERS & ASSOCIATES

Source Reference:

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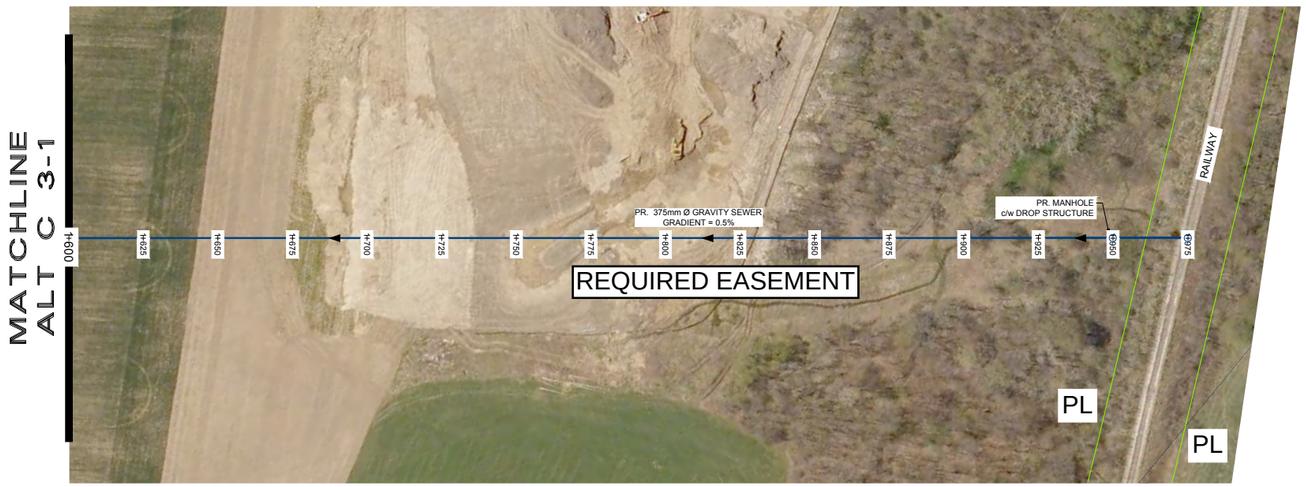
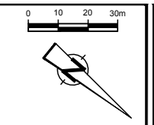
G. WONG	B. MARIN	SEPT 2013	
Scale: NOT TO SCALE	Project Nº: 78251-00	Report Nº: 001	Figure: ALT C 3-1





LEGEND:

- 2016-2029 GROWTH AREA SANITARY FLOW INPUT
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- ADDITIONAL 2016-2029 GROWTH AREA SANITARY FLOW INPUT
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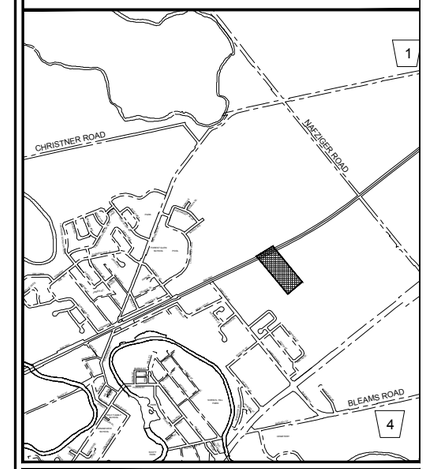

SCALE VERIFICATION

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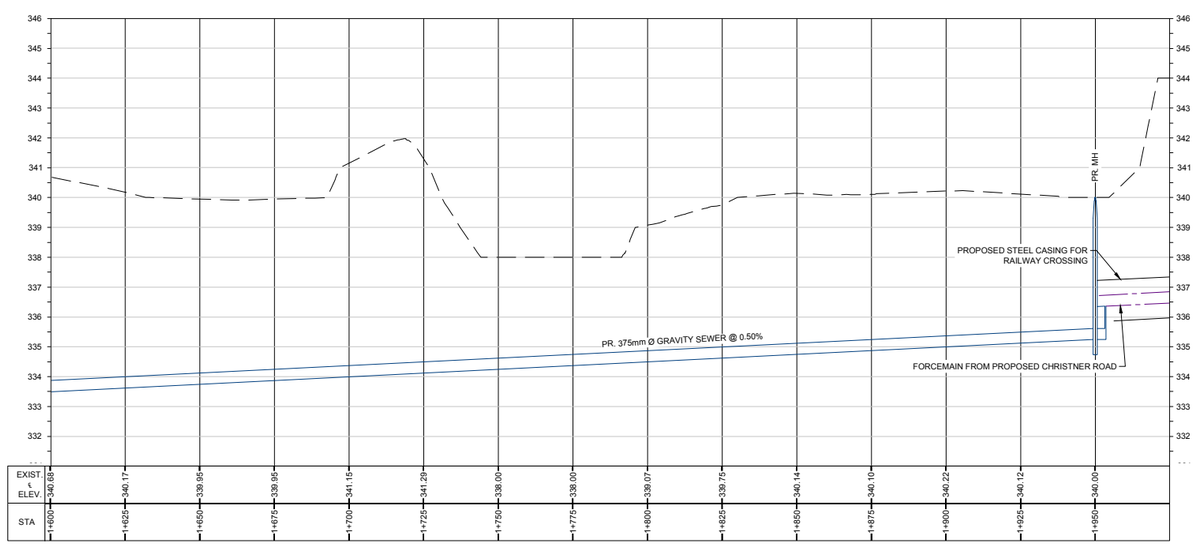
ALTERNATIVE C - PROPOSED SEWER ALIGNMENT PROFILE



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TOWNSHIP OF WILMOT
BADEN AND NEW HAMBURG

WASTEWATER SERVICING STUDY

ALTERNATIVE C
PROPOSED SEWER ALIGNMENT

CONESTOGA-ROVERS & ASSOCIATES

Source Reference:

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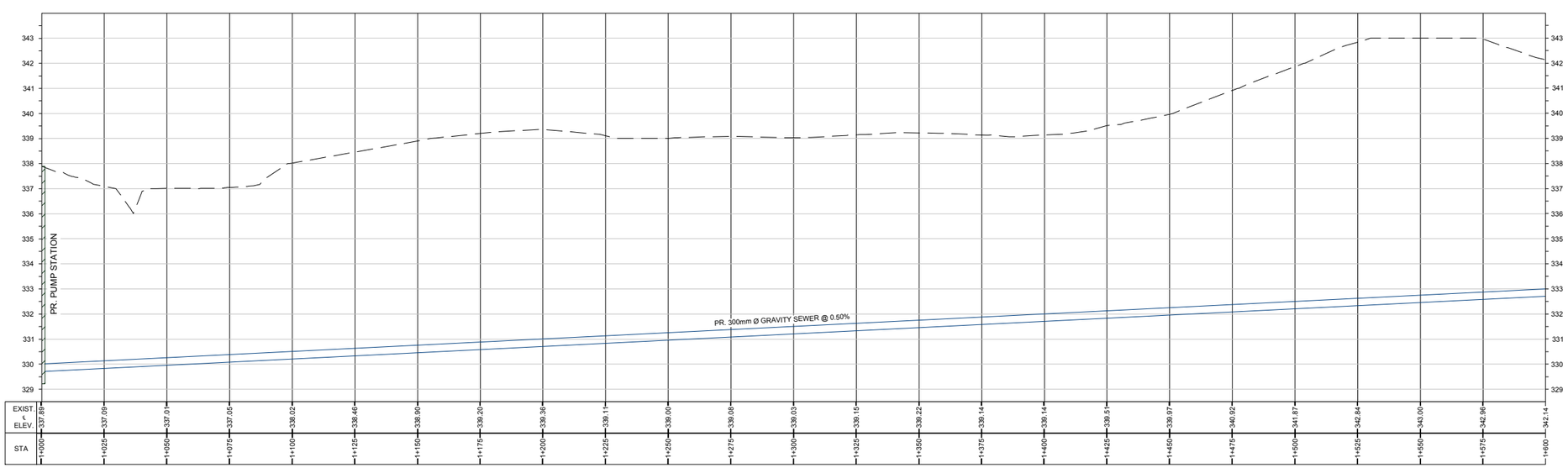
G. WONG	B. MARIN	SEPT 2013	
Scale:	Project Nº:	Report Nº:	Figure:
NOT TO SCALE	78251-00	001	ALT C 3-2

ALTERNATIVE C - PROPOSED SEWER ALIGNMENT PROFILE



LEGEND:

- 2016-2029 GROWTH AREA SANITARY FLOW INPUT
- POST 2029 GROWTH AREA SANITARY FLOW INPUT
- ADDITIONAL 2016-2029 GROWTH AREA SANITARY FLOW INPUT
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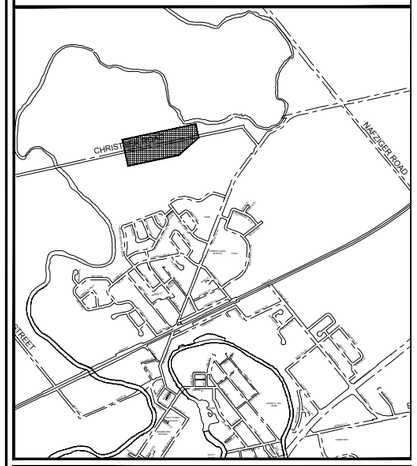

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WASTEWATER SERVICING STUDY

ALTERNATIVE C
PROPOSED SEWER ALIGNMENT

CONESTOGA-ROVERS & ASSOCIATES

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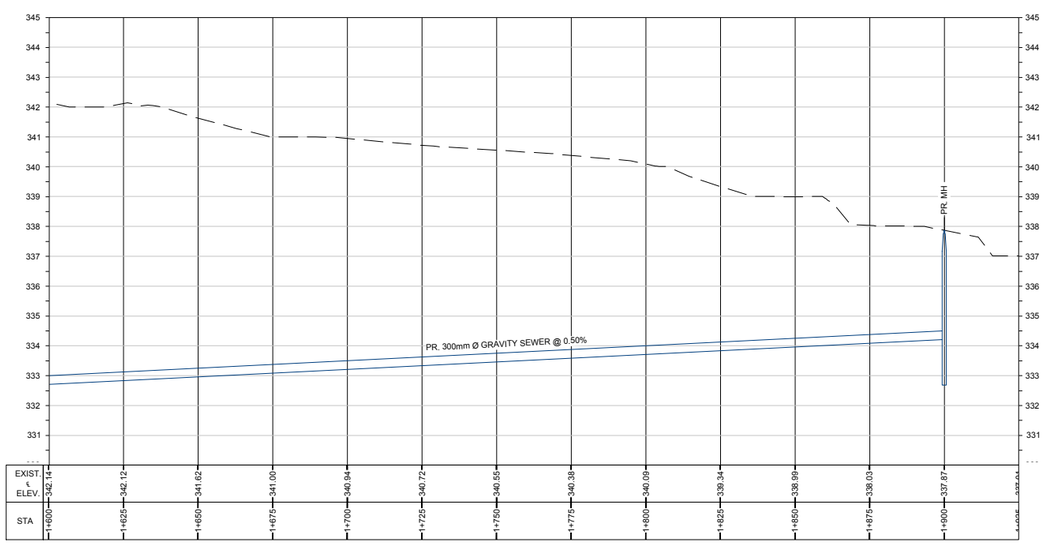
NOT TO SCALE	78251-00	001	ALT C 3-3

ALTERNATIVE C - PROPOSED SEWER ALIGNMENT PROFILE



0 10 20 30m

LEGEND:

- 2016-2029 GROWTH AREA SANITARY FLOW INPUT
- POST 2029 GROWTH AREA SANITARY FLOW INPUT
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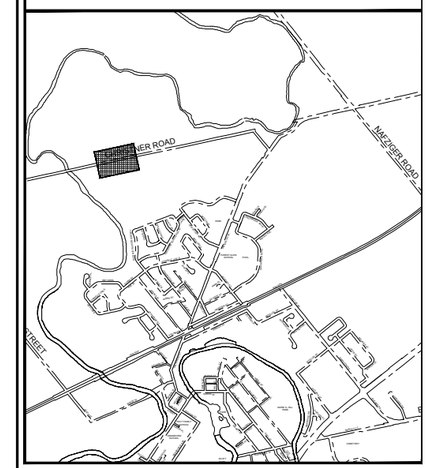

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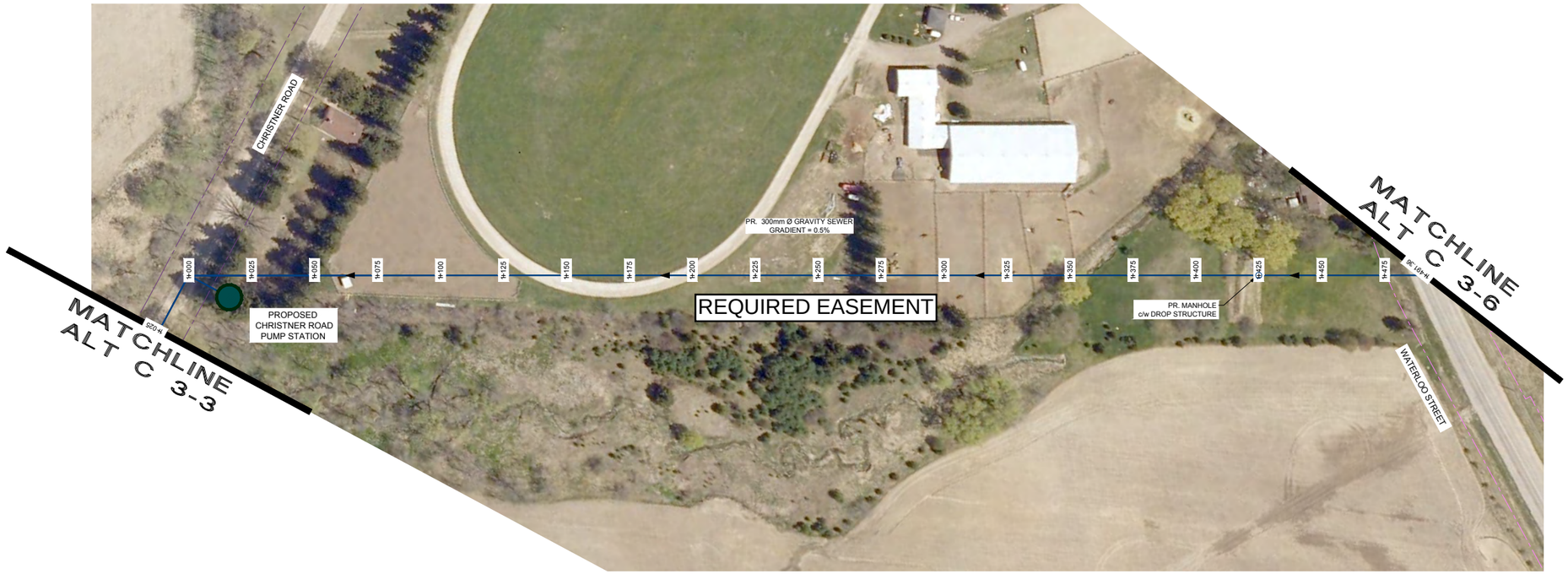
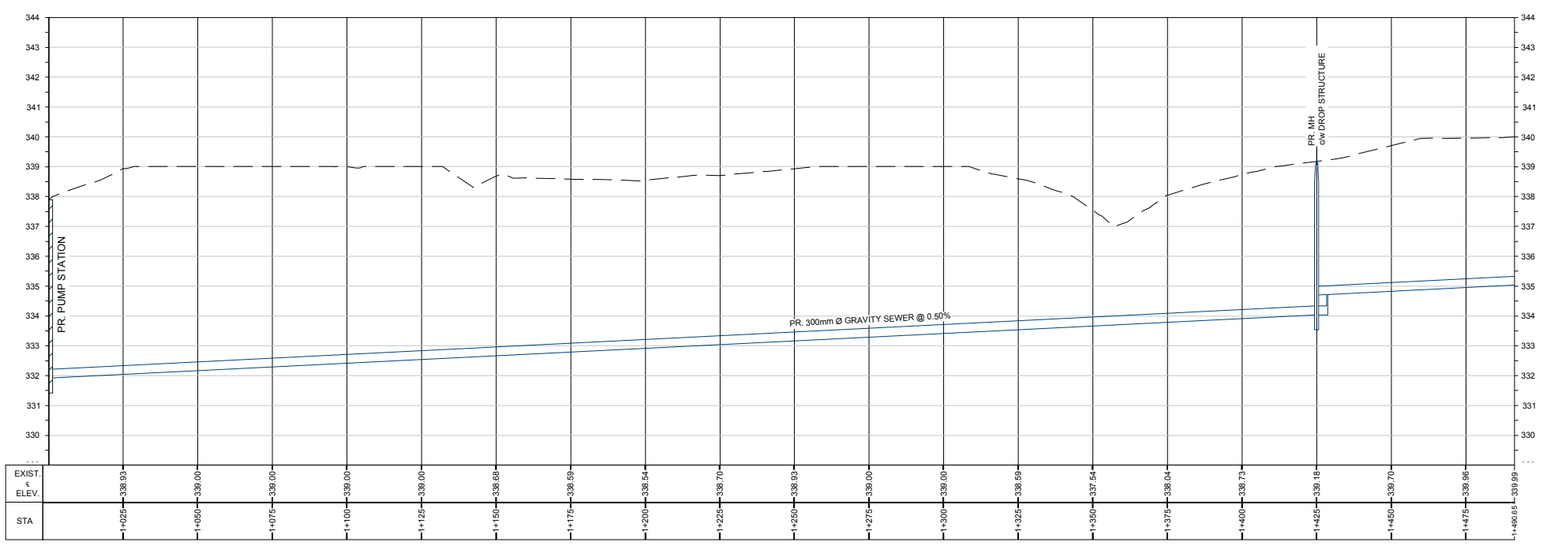
Project Manager:	Reviewed By:	Date:	
G. WONG	B. MARIN	SEPT 2013	
Scale:	Project Nº:	Report Nº:	Figure:
NOT TO SCALE	78251-00	001	ALT C 3-4



ALTERNATIVE C - PROPOSED SEWER ALIGNMENT PROFILE

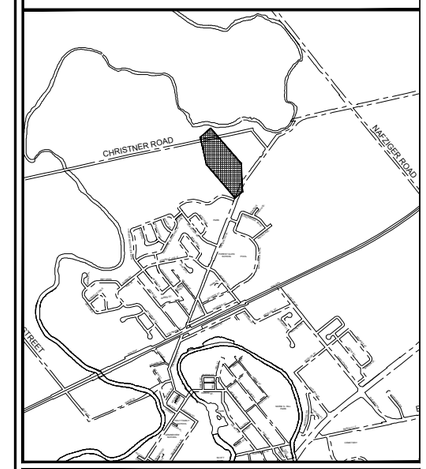


LEGEND:

- 2016-2029 GROWTH AREA SANITARY FLOW INPUT
- POST 2029 GROWTH AREA SANITARY FLOW INPUT
- ADDITIONAL 2016-2029 GROWTH AREA SANITARY FLOW INPUT
- ADDITIONAL 2029 GROWTH AREA SANITARY FLOW INPUT

NOTES:

1. PROPOSED MANHOLES GREATER THAN 5 METERS DEEP SHALL HAVE A SAFETY PLATFORM
2. EXISTING GRADE BASED ON GIS INFORMATION



SCALE VERIFICATION

THIS BAR MEASURES 50mm ON ORIGINAL. ADJUST SCALE ACCORDINGLY.

NOT ISSUED FOR CONSTRUCTION

TOWNSHIP OF WILMOT
BADEN AND NEW HAMBURG

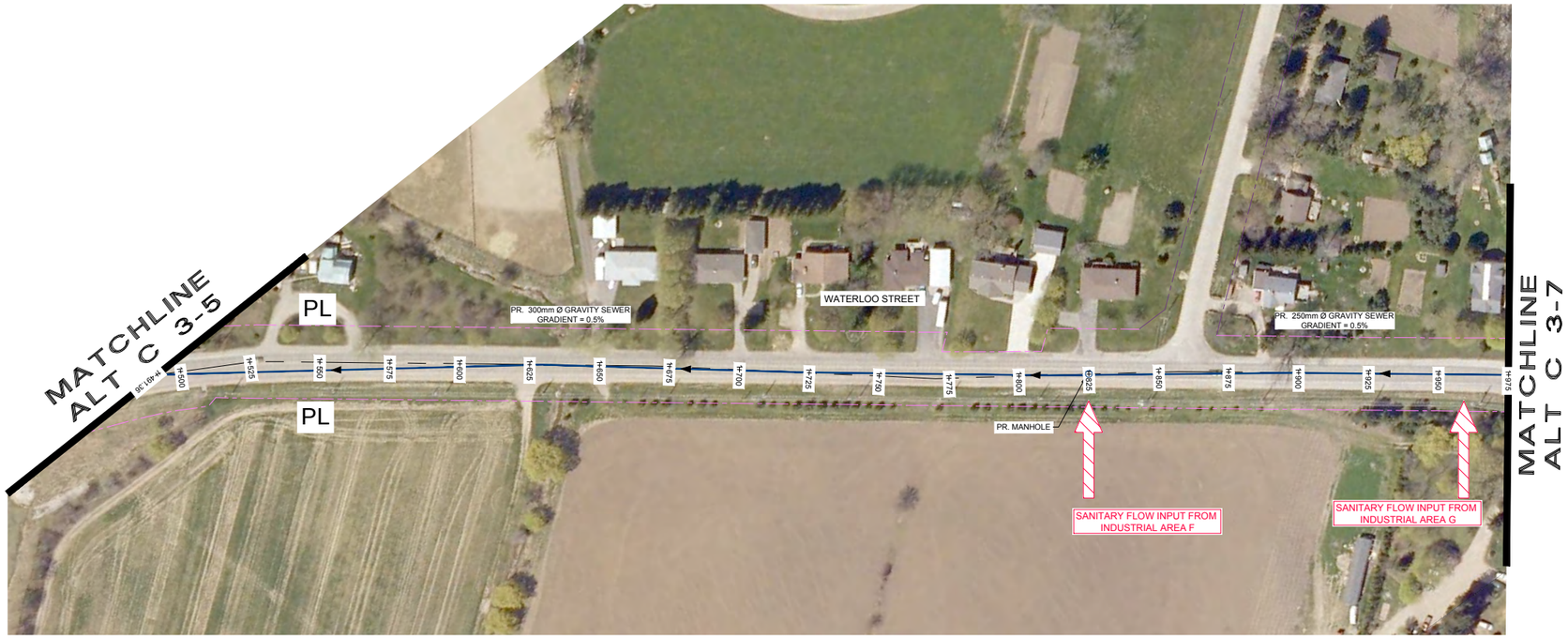
WASTEWATER SERVICING STUDY

ALTERNATIVE C
PROPOSED SEWER ALIGNMENT

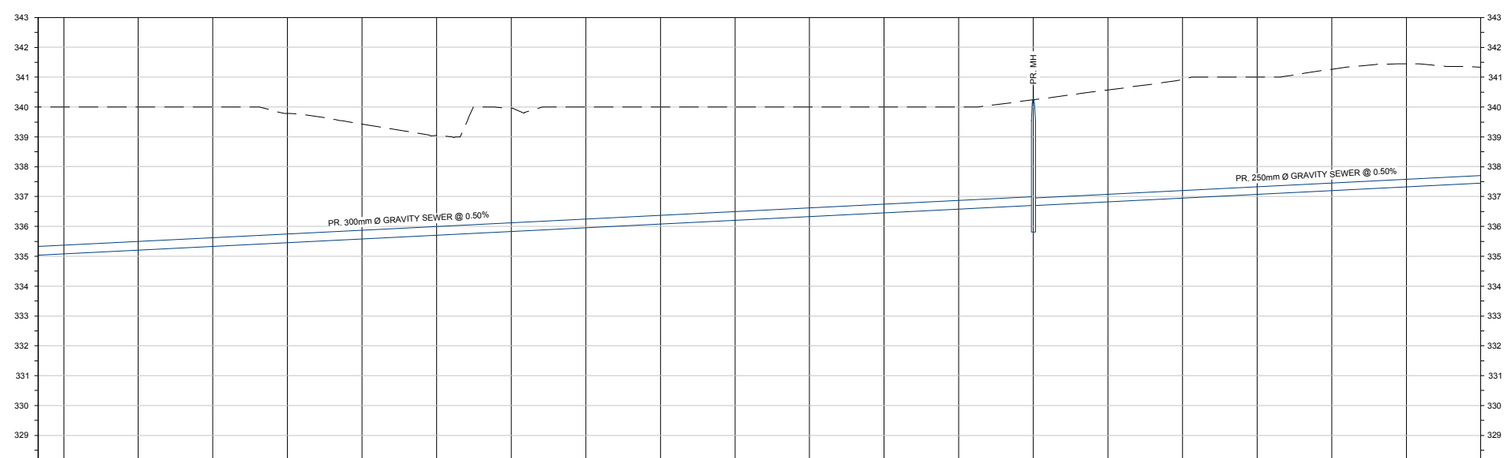
CONESTOGA-ROVERS & ASSOCIATES

Source Reference:

Project Manager:	Reviewed By:	Date:	
G. WONG	B. MARIN	SEPT 2013	
Scale:	Project Nº:	Report Nº:	Figure:
NOT TO SCALE	78251-00	001	ALT C 3-5



ALTERNATIVE C - PROPOSED SEWER ALIGNMENT PROFILE



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1+500	340.00
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1+575	339.78
1+600	339.43
1+625	339.04
1+650	339.96
1+675	340.00
1+700	340.00
1+725	340.00
1+750	340.00
1+775	340.00
1+800	340.00
1+825	340.24
1+850	340.57
1+875	340.93
1+900	341.00
1+925	341.26
1+950	341.45
1+975	341.33

0 10 20 30m

LEGEND:

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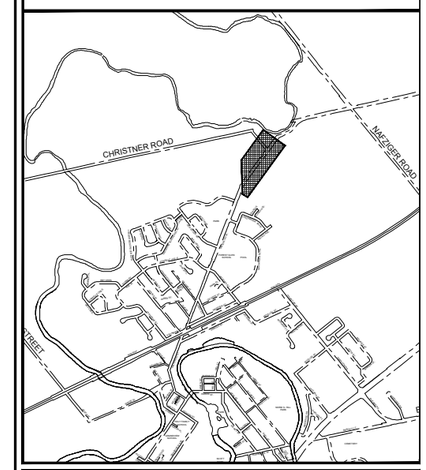

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TOWNSHIP OF WILMOT
BADEN AND NEW HAMBURG

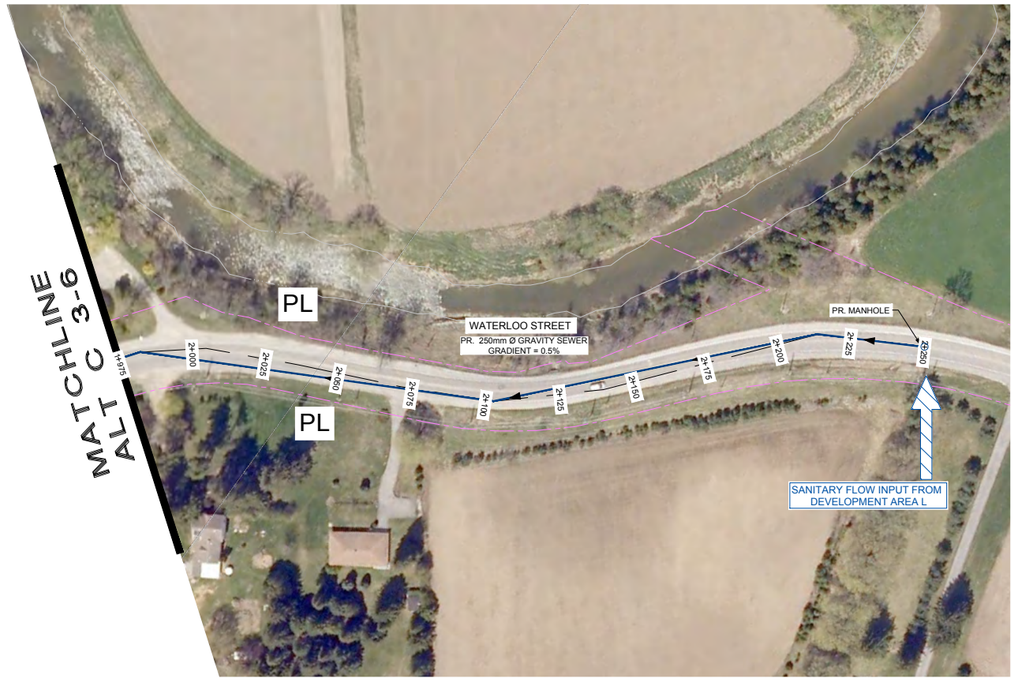
WASTEWATER SERVICING STUDY

ALTERNATIVE C
PROPOSED SEWER ALIGNMENT

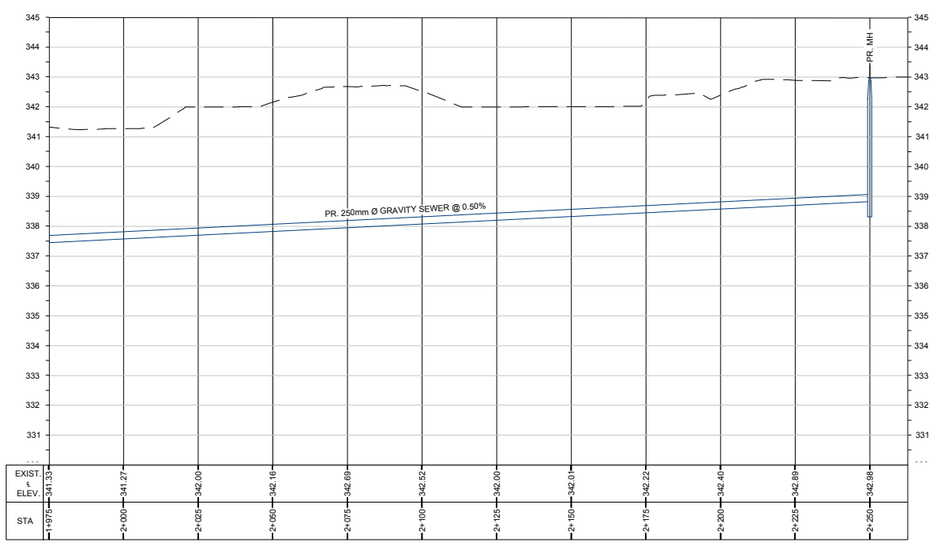
CONESTOGA-ROVERS & ASSOCIATES

Source Reference:

Project Manager:	Reviewed By:	Date:	
G. WONG	B. MARIN	SEPT 2013	
Scale: NOT TO SCALE	Project Nº: 78251-00	Report Nº: 001	Figure: ALT C 3-6



ALTERNATIVE C - PROPOSED SEWER ALIGNMENT PROFILE



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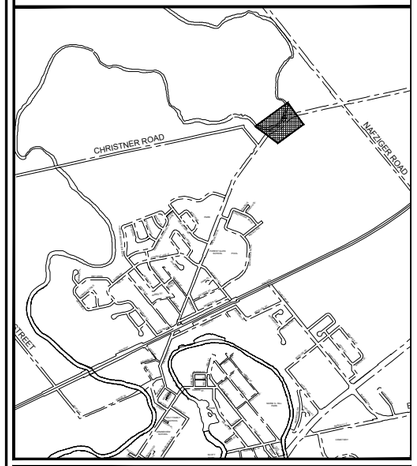

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WASTEWATER SERVICING STUDY

ALTERNATIVE C
PROPOSED SEWER ALIGNMENT

CONESTOGA-ROVERS & ASSOCIATES

Source Reference:

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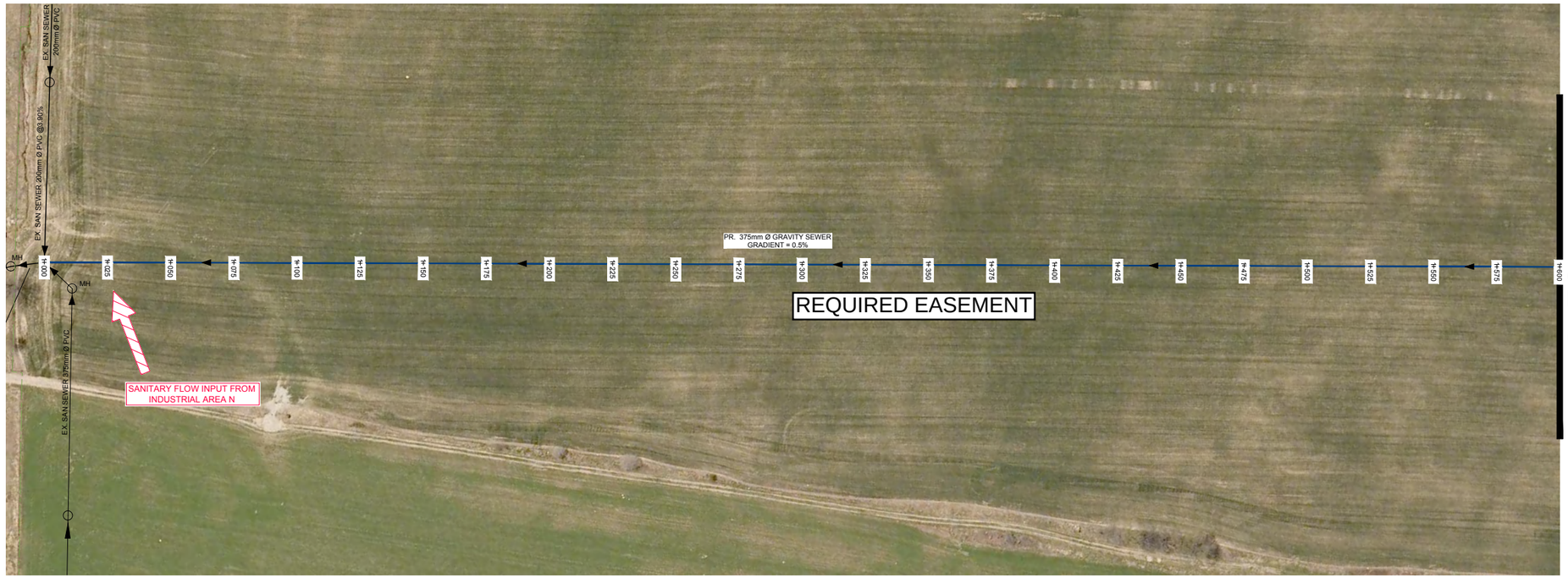
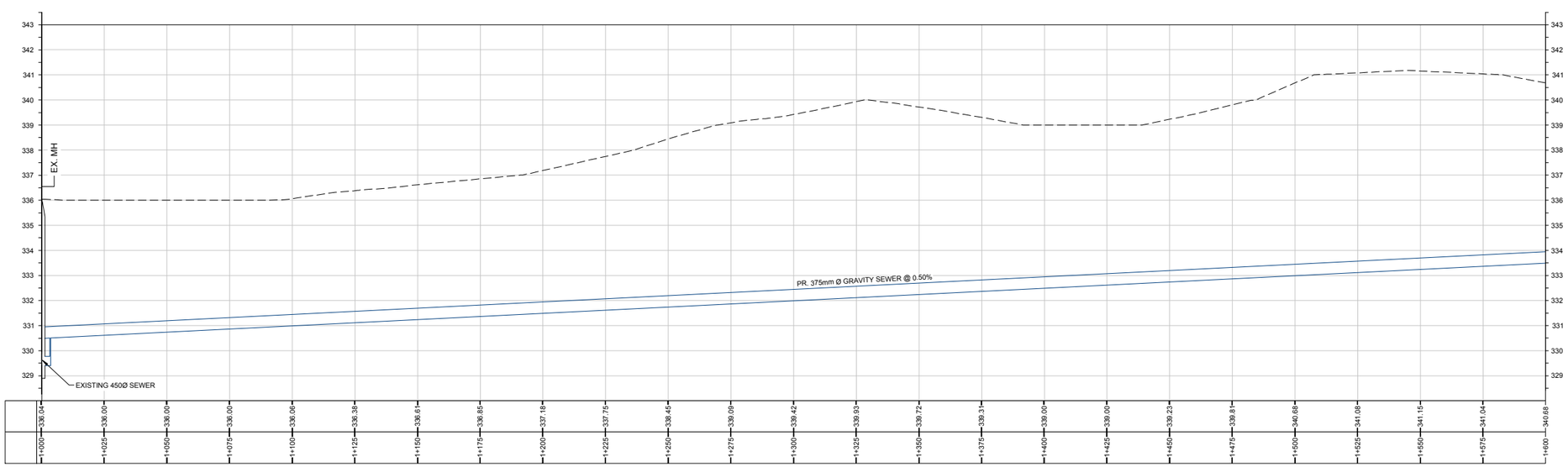
G. WONG	B. MARIN	SEPT 2013	
Scale:	Project Nº:	Report Nº:	Figure:
NOT TO SCALE	78251-00	001	ALT C 3-7



ALTERNATIVE D - PROPOSED SEWER ALIGNMENT PROFILE



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LEGEND:

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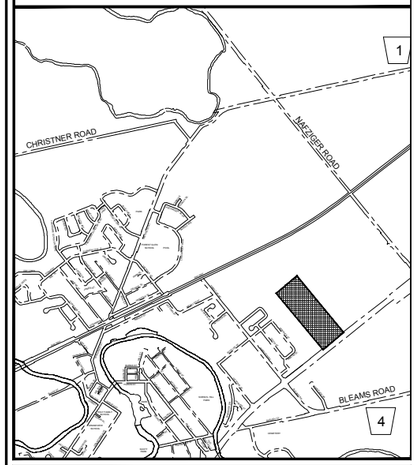

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BADEN AND NEW HAMBURG

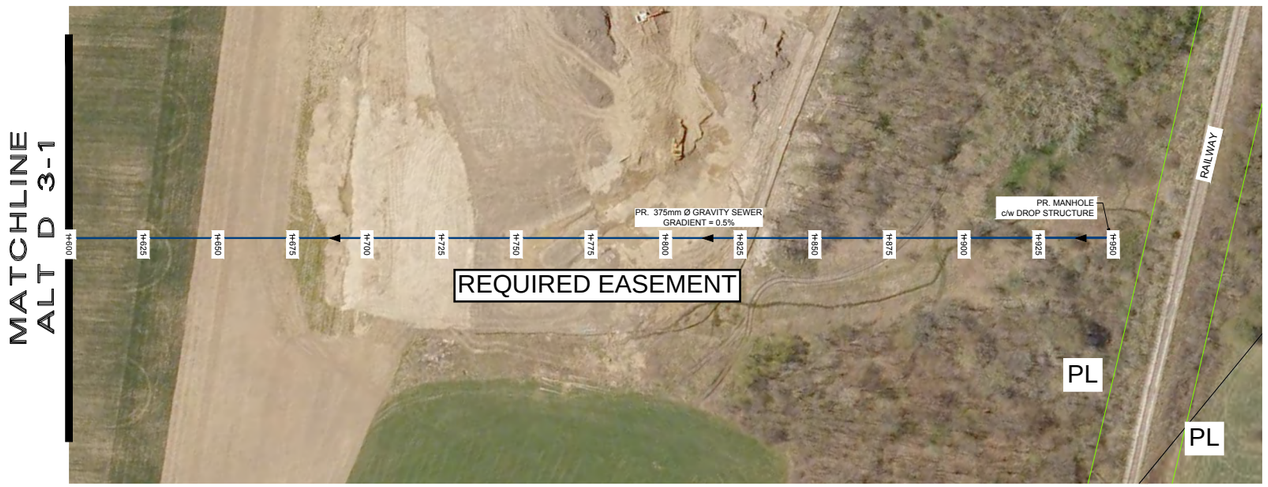
WASTEWATER SERVICING STUDY

ALTERNATIVE D
PROPOSED SEWER ALIGNMENT

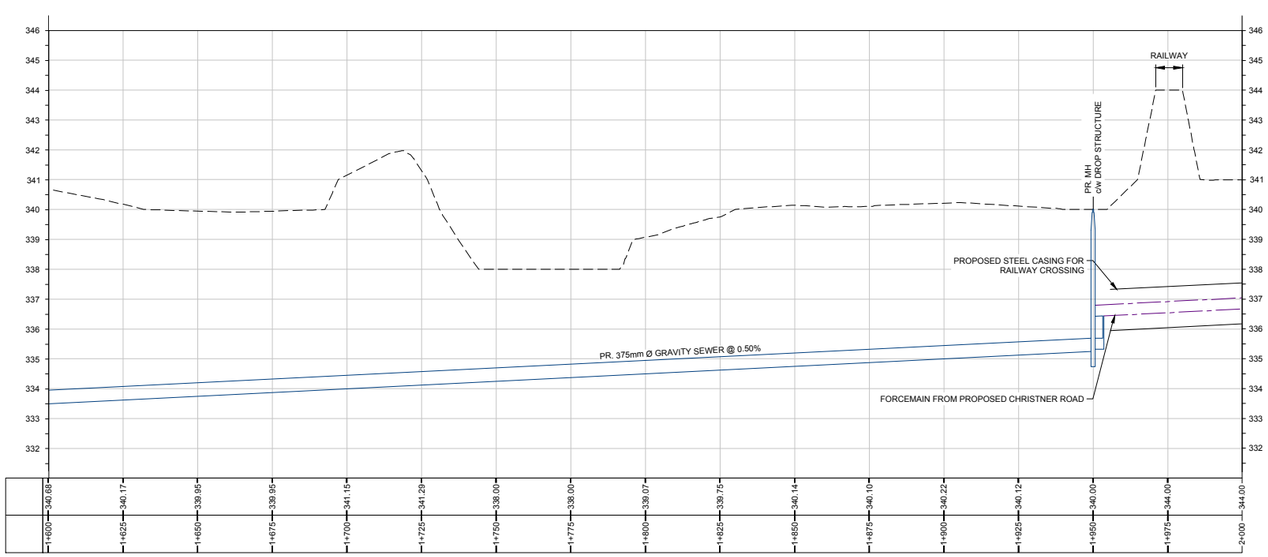
CONESTOGA-ROVERS & ASSOCIATES

Source Reference:

Project Manager:	Reviewed By:	Date:	
G. WONG	B. MARIN	SEPT 2013	
Scale: NOT TO SCALE	Project Nº: 78251-00	Report Nº: 001	Figure: ALT D 3-1



ALTERNATIVE D - PROPOSED SEWER ALIGNMENT PROFILE



0 10 20 30m

LEGEND:

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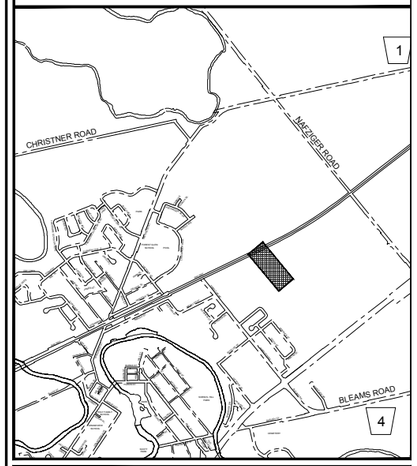

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BADEN AND NEW HAMBURG

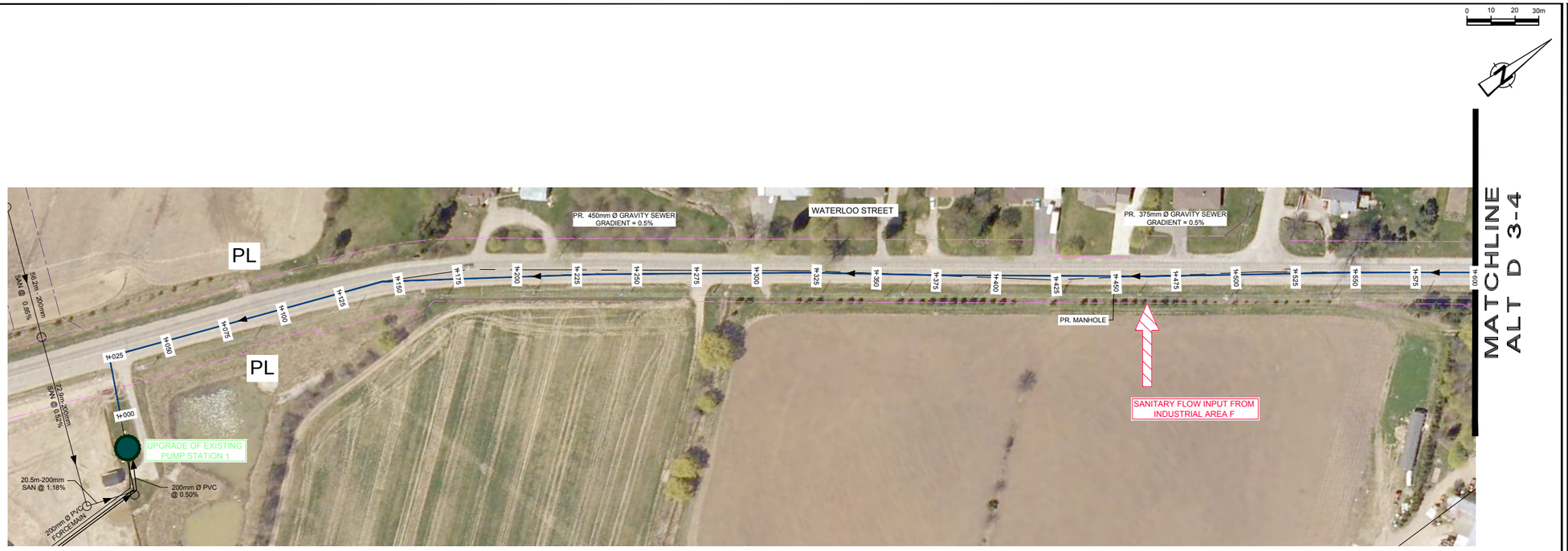
WASTEWATER SERVICING STUDY

ALTERNATIVE D
PROPOSED SEWER ALIGNMENT

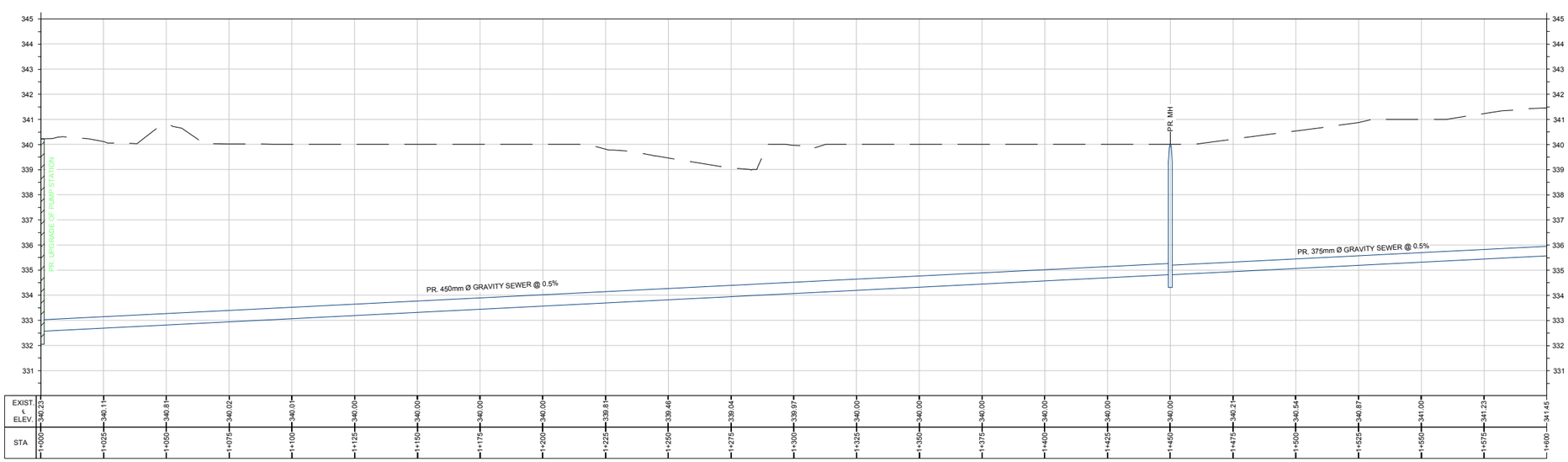
CONESTOGA-ROVERS & ASSOCIATES

Source Reference:

Project Manager:	Reviewed By:	Date:	
G. WONG	B. MARIN	SEPT 2013	
Scale:	Project N°:	Report N°:	Figure:
NOT TO SCALE	78251-00	001	ALT D 3-2



ALTERNATIVE D - PROPOSED SEWER ALIGNMENT PROFILE



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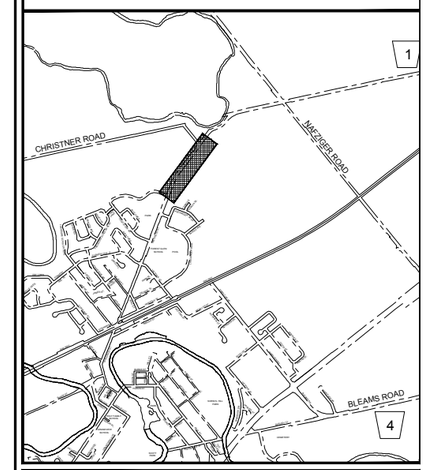

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WASTEWATER SERVICING STUDY

ALTERNATIVE D
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CONESTOGA-ROVERS & ASSOCIATES

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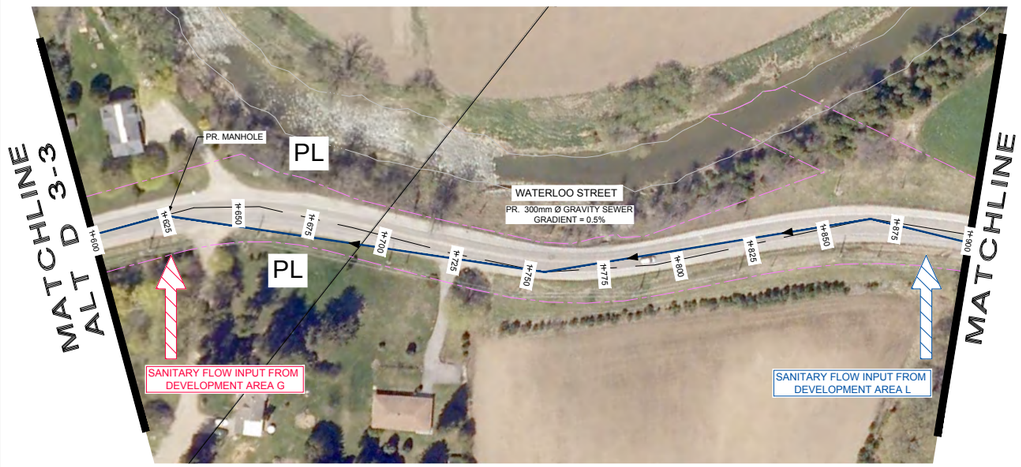
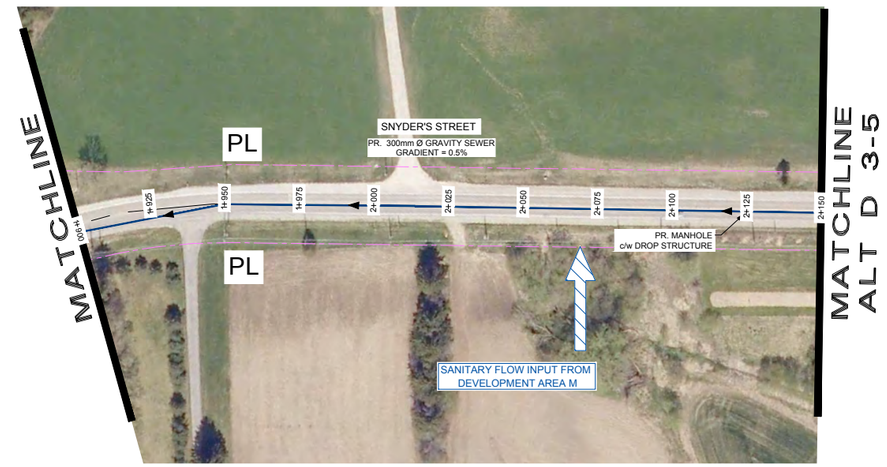
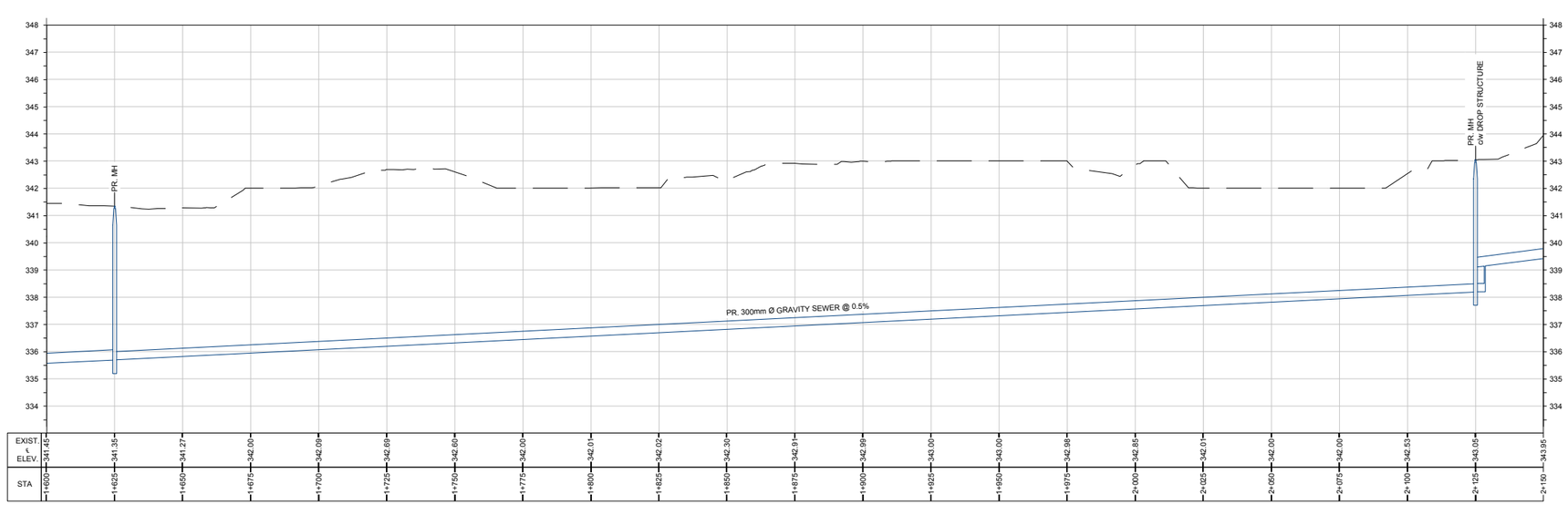
G. WONG	B. MARIN	SEPT 2013	
Scale:	Project Nº:	Report Nº:	Figure:
NOT TO SCALE	78251-00	001	ALT D 3-3





ALTERNATIVE D - PROPOSED SEWER ALIGNMENT PROFILE



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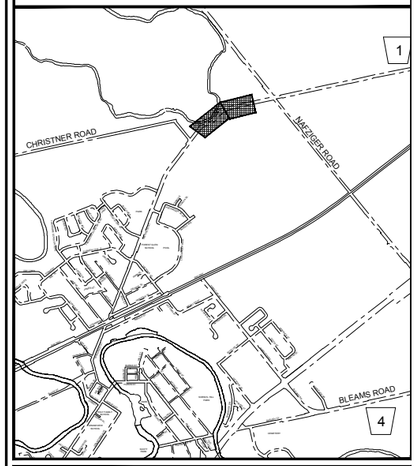

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WASTEWATER SERVICING STUDY

ALTERNATIVE D
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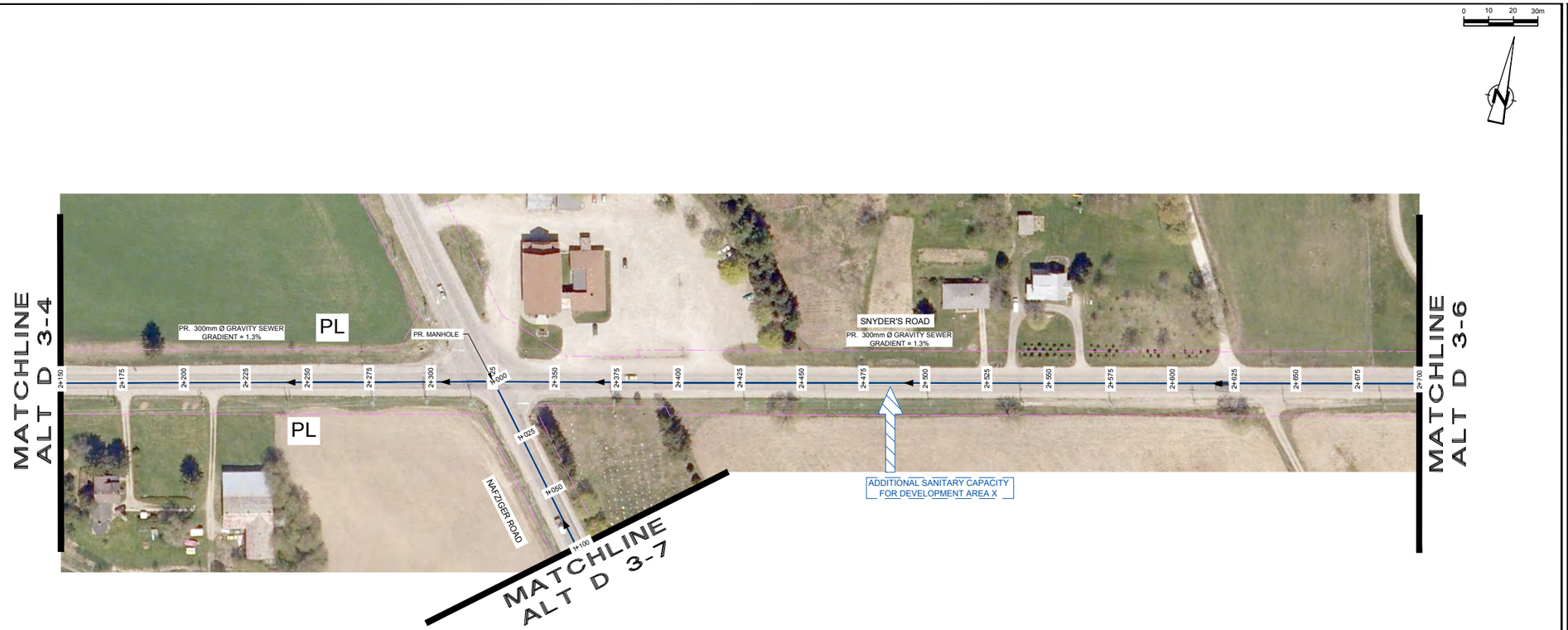
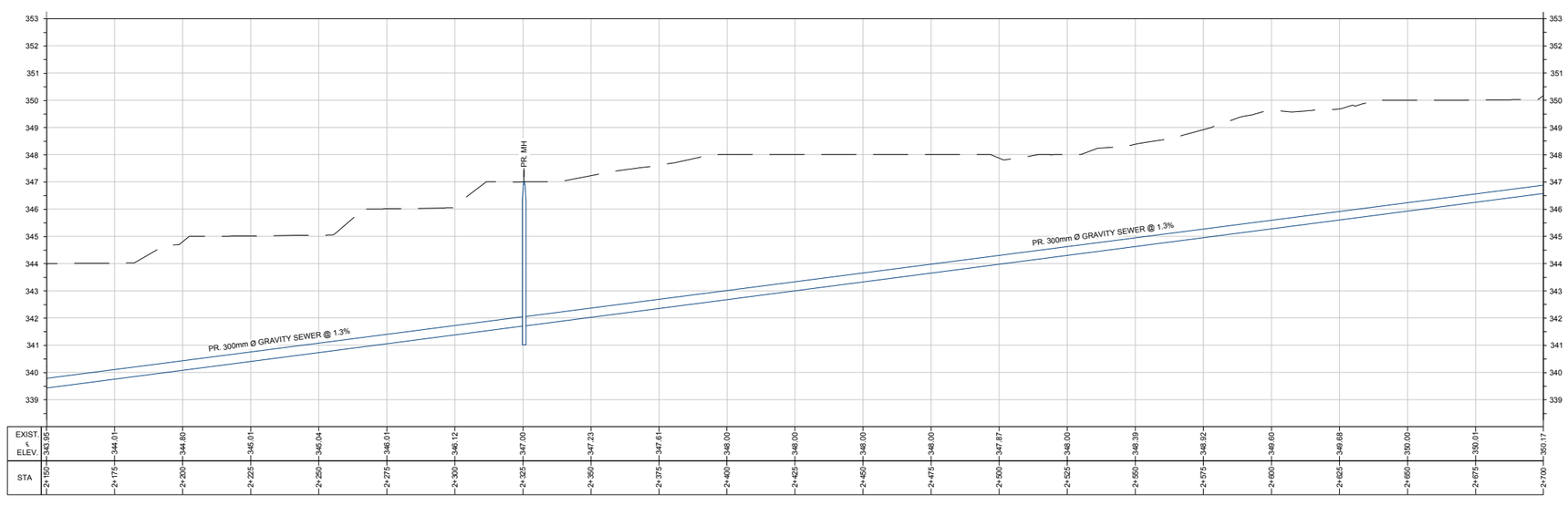
Scale:	Project Nº:	Report Nº:	Figure:
NOT TO SCALE	78251-00	001	ALT D 3-4



ALTERNATIVE D - PROPOSED SEWER ALIGNMENT PROFILE



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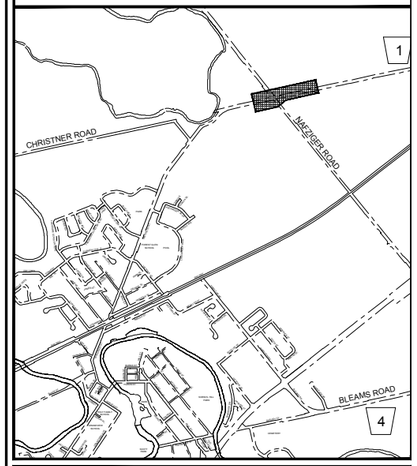

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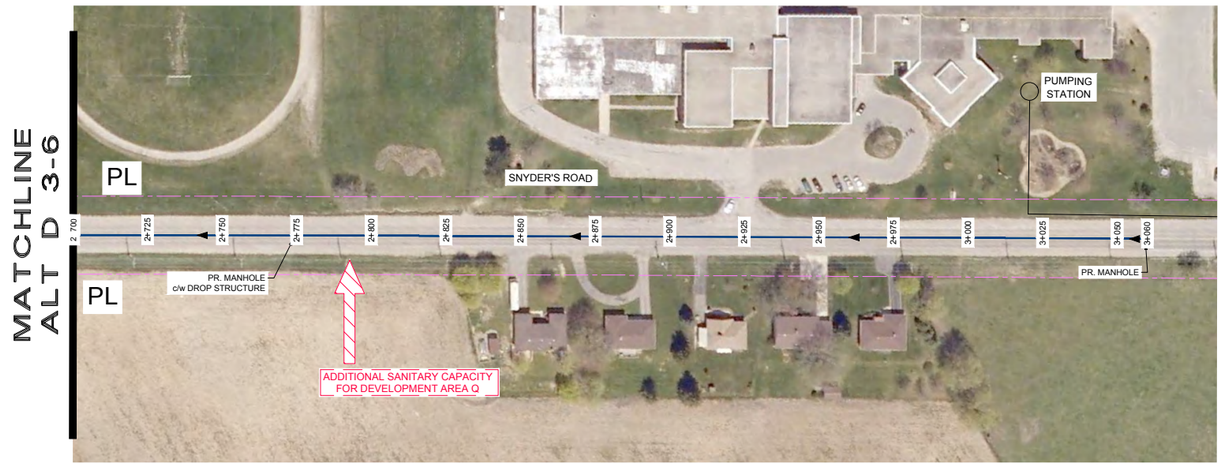
NOT TO SCALE	78251-00	001	ALT D 3-5



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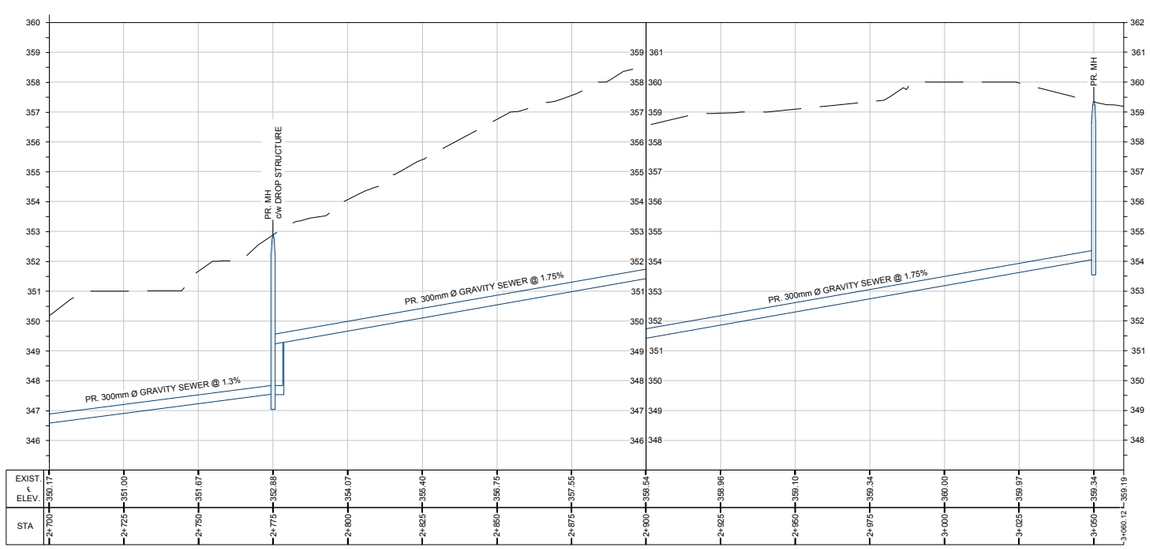

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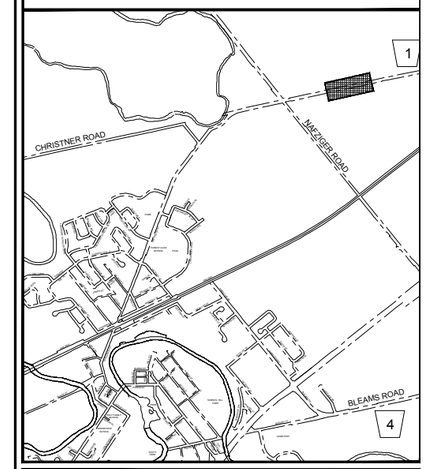

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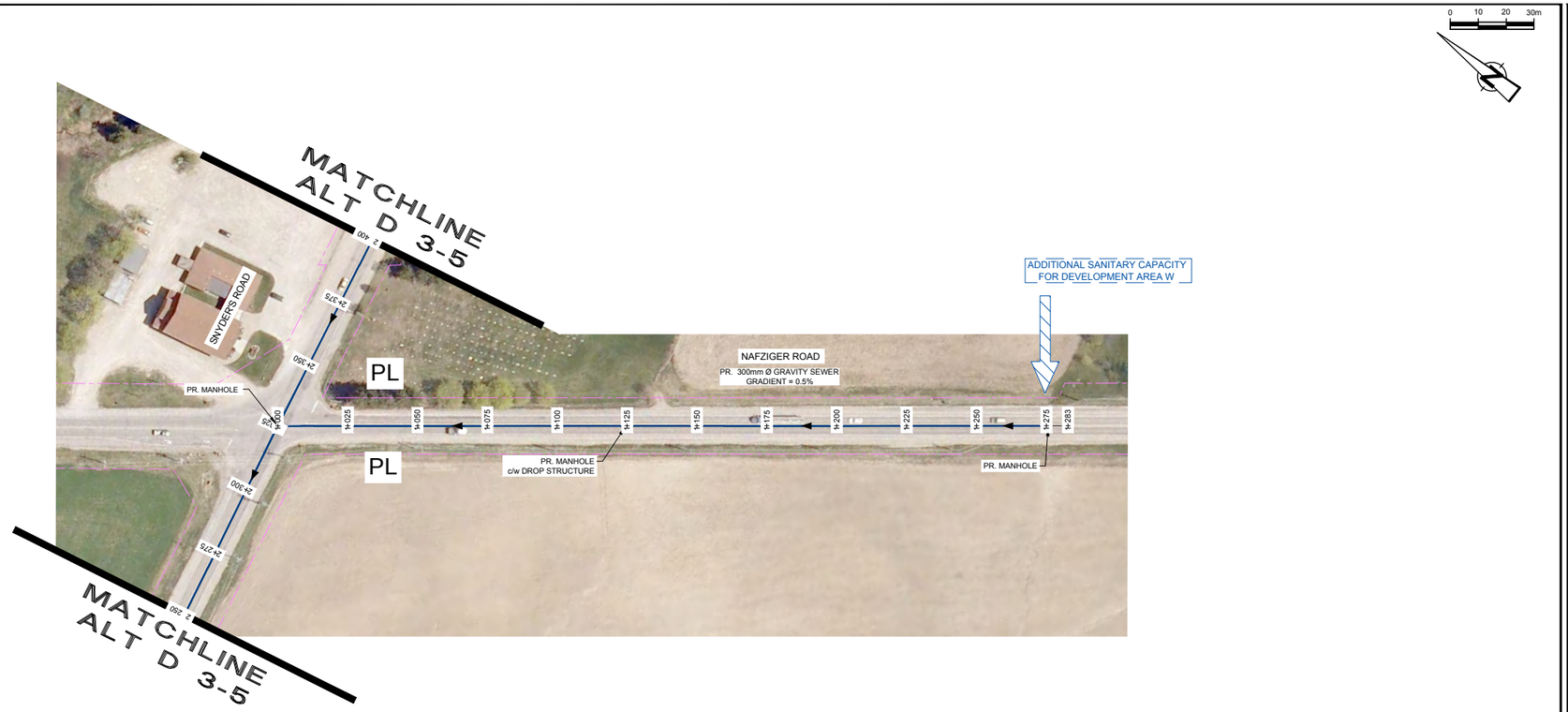
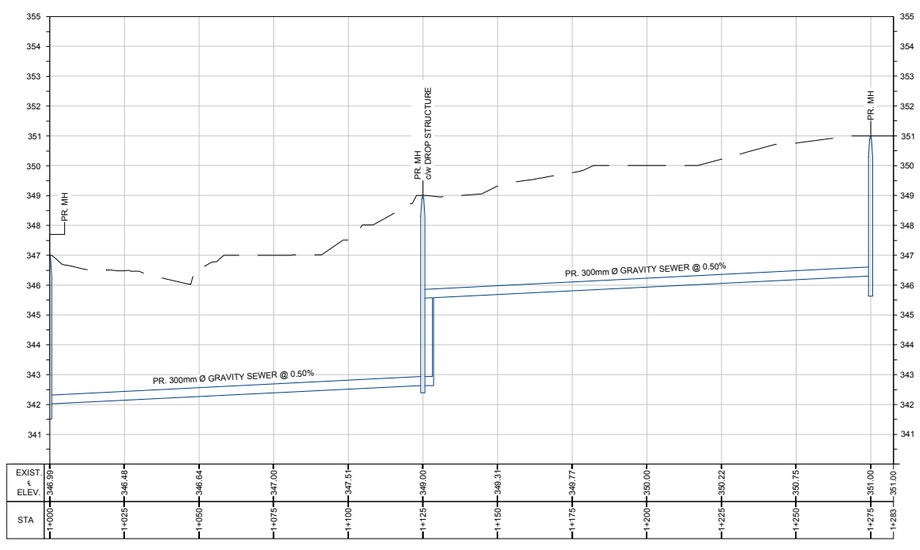


ALTERNATIVE D - PROPOSED SEWER ALIGNMENT PROFILE



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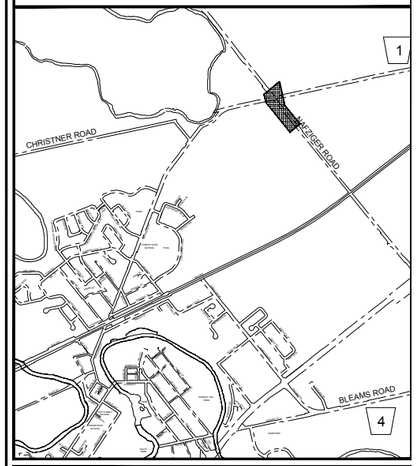

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