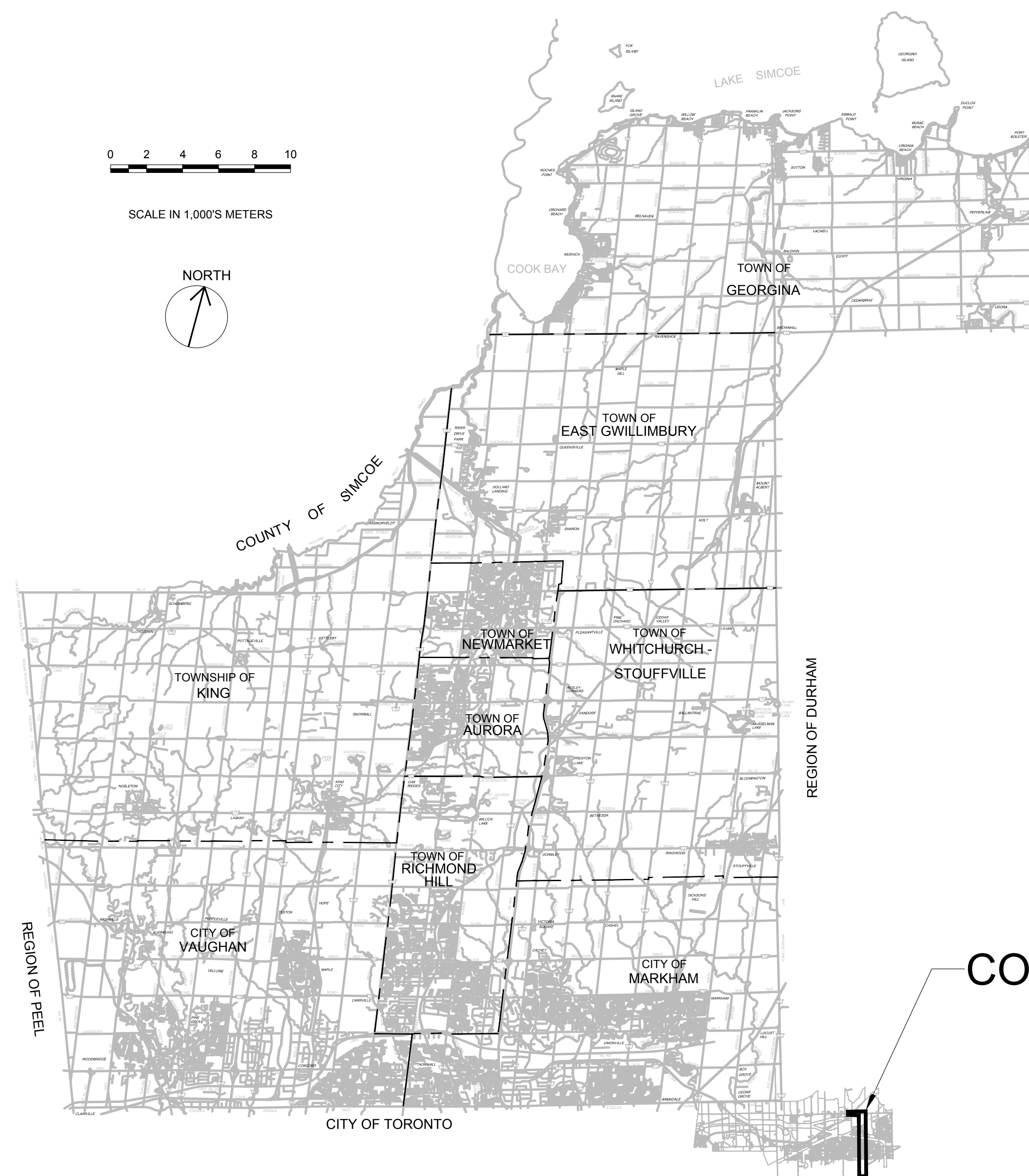




YORK REGION SEWAGE WORKS - PROJECT REPORT
YDSS PRIMARY SYSTEM EXPANSION - P3
THE REGIONAL MUNICIPALITY OF YORK
THE REGIONAL MUNICIPALITY OF DURHAM

CONTRACT SITE

W. EMMERSON
REGIONAL CHAIR

E. MAHONEY
COMMISSIONER OF PUBLIC WORKS

ISSUED FOR CONCEPTUAL DESIGN
SEPTEMBER 2023



File Location: C:\Users\IH068592\OneDrive - Jacobs\PA - Primary Trunk Twinning\PA - Conceptual Drawings\WIP\MUN\Sheets\PA-DWGLIST.dwg Last Saved: September 20, 2023 by IH068592 Plotted: September 20, 2023

DRAWING INDEX

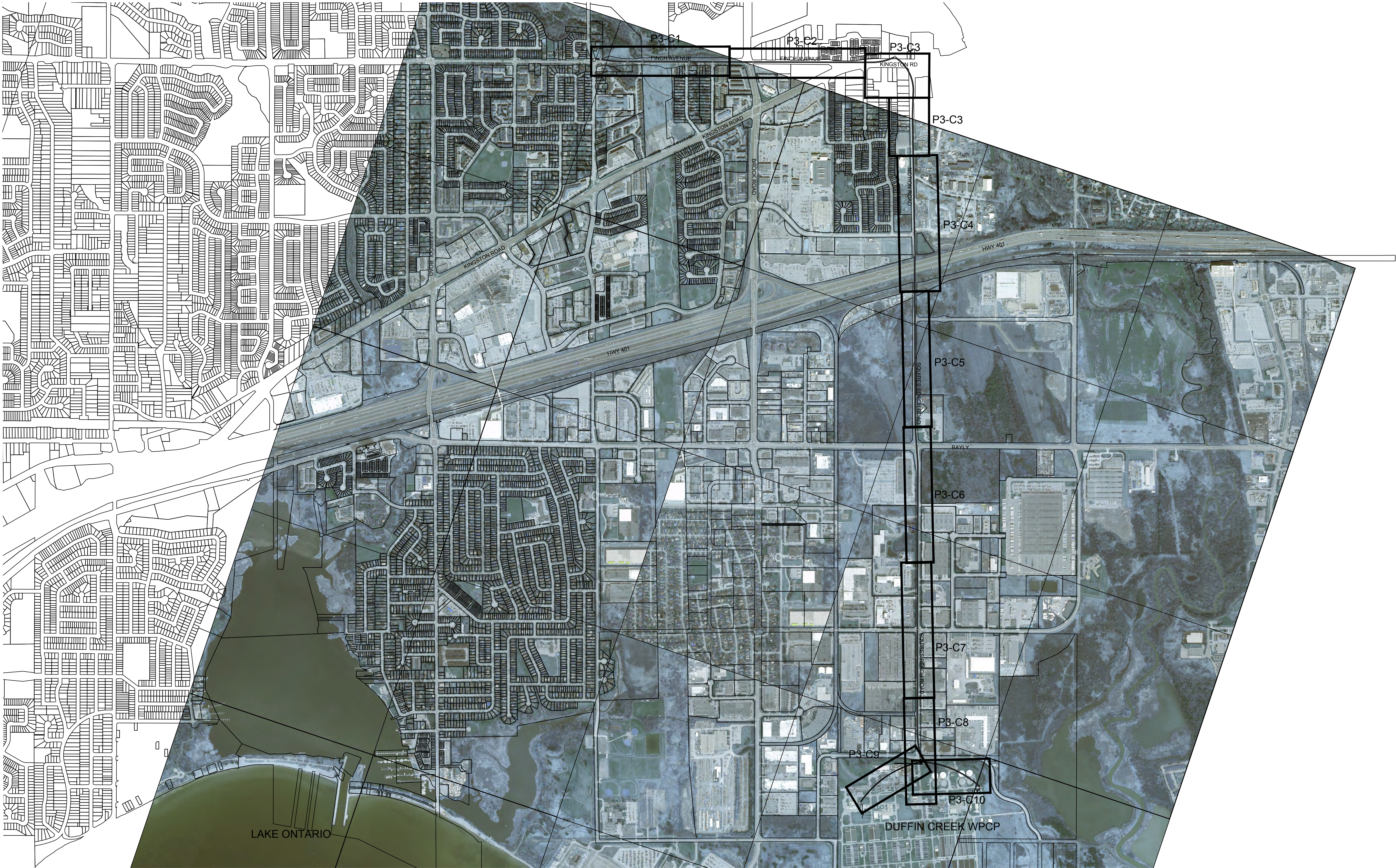
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2	P3 - INDEX	DRAWING INDEX
3	P3 - DWGLIST	DRAWING LIST

PLAN AND PROFILE

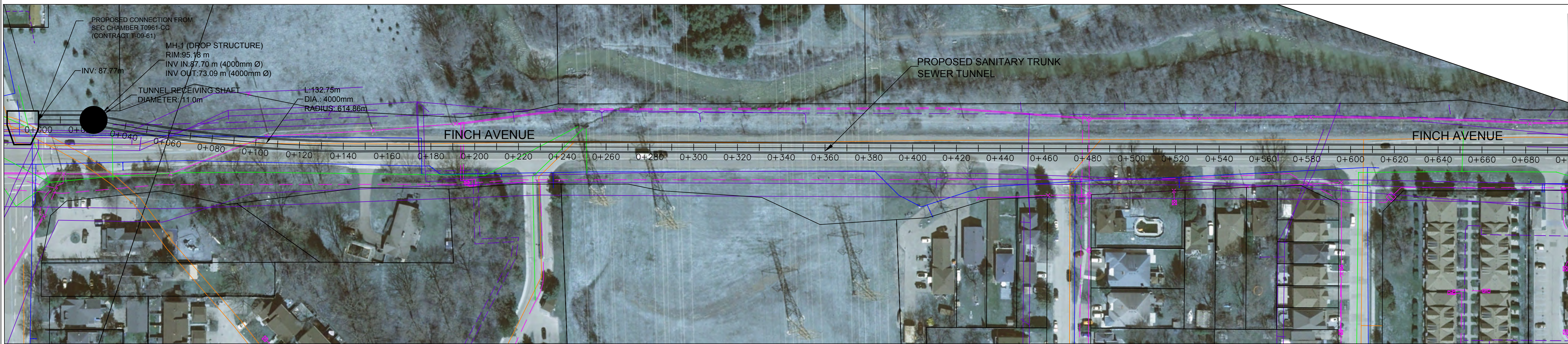
SHEET NO.	DRAWING NUMBER	DRAWING DESCRIPTION
1	P3-C1	PLAN AND PROFILE - STA 0+000 TO STA 0+700
2	P3-C2	PLAN AND PROFILE - STA 0+700 TO STA 1+400
3	P3-C3	PLAN AND PROFILE - STA 1+400 TO STA 2+100
4	P3-C4	PLAN AND PROFILE - STA 2+100 TO STA 2+800
5	P3-C5	PLAN AND PROFILE - STA 2+800 TO STA 3+500
6	P3-C6	PLAN AND PROFILE - STA 3+500 TO STA 4+200
7	P3-C7	PLAN AND PROFILE - STA 4+200 TO STA 4+900
8	P3-C8	PLAN AND PROFILE - STA 4+900 TO STA 5+223
9	P3-C9	PLAN AND PROFILE - STA 5+223 TO STA 5+629 (WEST)
10	P3-C10	PLAN AND PROFILE - STA 5+223 TO STA 5+594 (EAST)

				DESIGNED	THE LOCATION OF UTILITIES IS APPROXIMATE ONLY, AND THE EXACT LOCATION SHOULD BE DETERMINED BY CONSULTING THE MUNICIPAL AUTHORITIES AND UTILITY COMPANIES CONCERNED. THE CONTRACTOR SHALL PROVE THE LOCATION OF UTILITIES AND SHALL BE RESPONSIBLE FOR ADEQUATE PROTECTION FROM DAMAGE DURING CONSTRUCTION.	VERIFY SCALE		YORK REGION SEWAGE WORKS PROJECT PRIMARY TRUNK TWINNING (P3)	SHEET NUMBER
				DRAFTED		SCALE			DRAWING NUMBER
				CHECKED					P3-DWGLIST
1	SEPT 2023	IH	CLIENT'S COMMENTS INCORPORATED	P.PARMAR		N.T.S			CONCEPTUAL DRAWINGS DRAWING LIST
0	AUG 2023	GH	ISSUED FOR CONCEPTUAL DESIGN	APPROVED					
NO.	DATE	NAME	REVISION	D.BONTU					

File Location: C:\Users\IH068592\OneDrive - Jacobs\SP3 - Primary Trunk Twinning\P3-Conceptual Drawings\WIP\MUN\Sheets\P3-INDEX.dwg Last Saved: September 20, 2023, by IH068592 Plotted: September 20, 2023



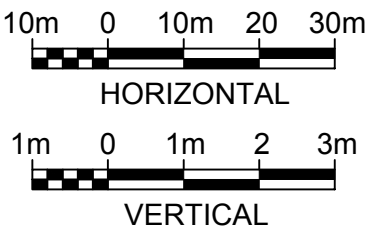
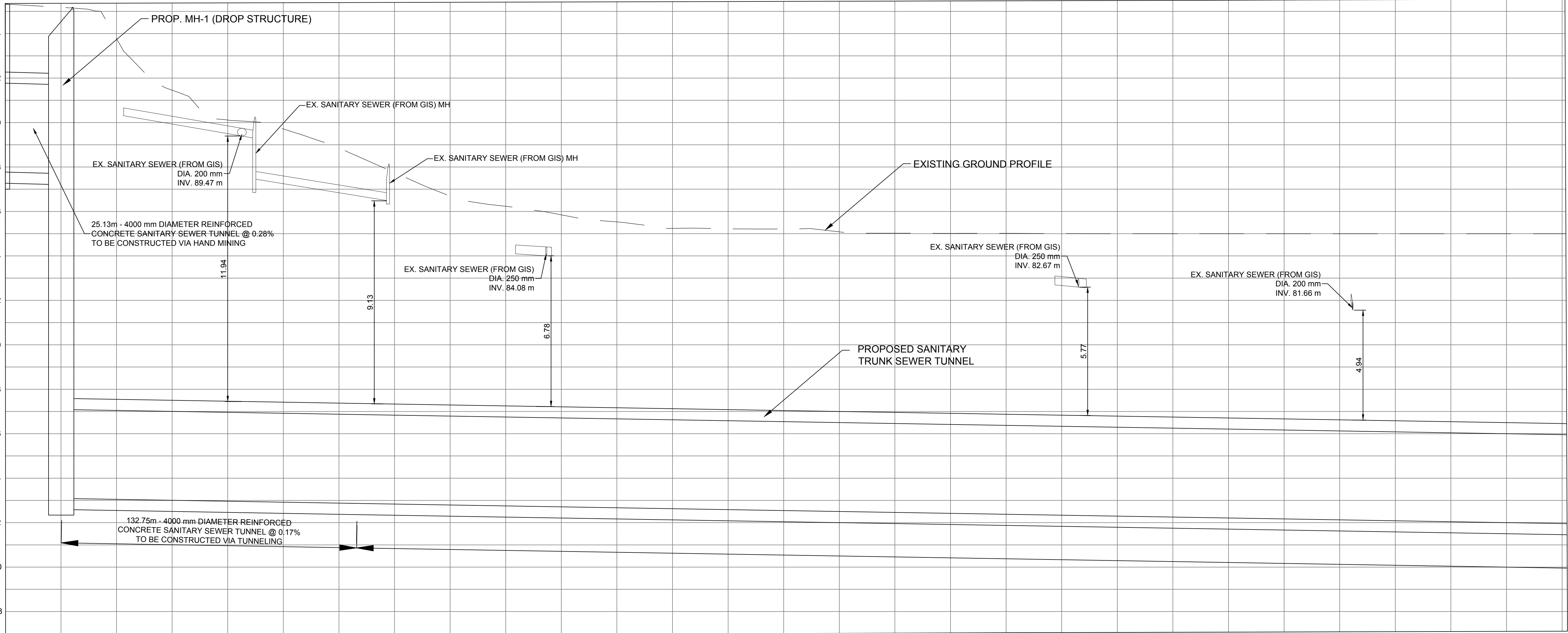
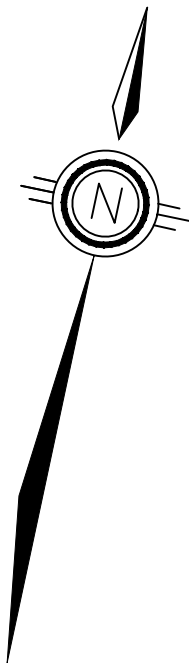
				DESIGNED	I.HAMDAN	THE LOCATION OF UTILITIES IS APPROXIMATE ONLY, AND THE EXACT LOCATION SHOULD BE DETERMINED BY CONSULTING THE MUNICIPAL AUTHORITIES AND UTILITY COMPANIES CONCERNED. THE CONTRACTOR SHALL PROVE THE LOCATION OF UTILITIES AND SHALL BE RESPONSIBLE FOR ADEQUATE PROTECTION FROM DAMAGE DURING CONSTRUCTION.	VERIFY SCALE	Jacobs DURHAM REGION York Region	YORK REGION SEWAGE WORKS PROJECT PRIMARY TRUNK TWINNING (P3)		SHEET NUMBER	INDEX
				DRAFTED	G.HARTLEY		SCALE				DRAWING NUMBER	P3-INDEX
				CHECKED	P.PARMAR		N.T.S.				CONTRACT NUMBER	
1	SEPT 2023	IH	CLIENT'S COMMENTS INCORPORATED	APPROVED	D.BONTU				CONCEPTUAL DRAWINGS PLAN AND PROFILE SHEET INDEX			
0	AUG 2023	GH	ISSUED FOR CONCEPTUAL DESIGN									
NO.	DATE	NAME	REVISION									



UTILITY LEGEND

- EXISTING SANITARY
- EXISTING STORM
- EXISTING WATER
- EXISTING GAS
- EXISTING TELECOM (ROGERS)
- EXISTING POWER (ELEXICON ENERGY)
- PROPOSED SANITARY ALIGNMENT
- PROPOSED ALIGNMENT CHAINAGE

NOTE: EXISTING UTILITY LOCATIONS ARE APPROXIMATE AND OBTAINED FROM GIS DATA AND AVAILABLE AS-BUILT. THESE SHALL BE FURTHER REFINED DURING THE PRELIMINARY DESIGN STAGE ONCE MORE INFORMATION AND RECORD DRAWINGS BECOME AVAILABLE.



STRUCTURE NAME
GROUND EL. (m)
PIPE INVERT LEVEL (m)
PIPE LINE CHAINAGE (m)

File Location: C:\Users\IH068592\OneDrive - Jacobs\PP3 - Primary Trunk Twinning\PP3-Conceptual Drawings\WIP\MUN\Sheets\PP3-C1.dwg Last Saved: September 20, 2023, by IH068592 Plotted: September 21, 2023

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NO.	DATE	NAME	REVISION

DESIGNED	I.HAMDAN	THE LOCATION OF UTILITIES IS APPROXIMATE ONLY, AND THE EXACT LOCATION SHOULD BE DETERMINED BY CONSULTING THE MUNICIPAL AUTHORITIES AND UTILITY COMPANIES CONCERNED. THE CONTRACTOR SHALL PROVE THE LOCATION OF UTILITIES AND SHALL BE RESPONSIBLE FOR ADEQUATE PROTECTION FROM DAMAGE DURING CONSTRUCTION.
DRAFTED	G.HARTLEY	
CHECKED	P.PARMAR	
APPROVED	D.BONTU	

VERIFY SCALE
SCALE
H = 1:1000
V = 1:100

Jacobs



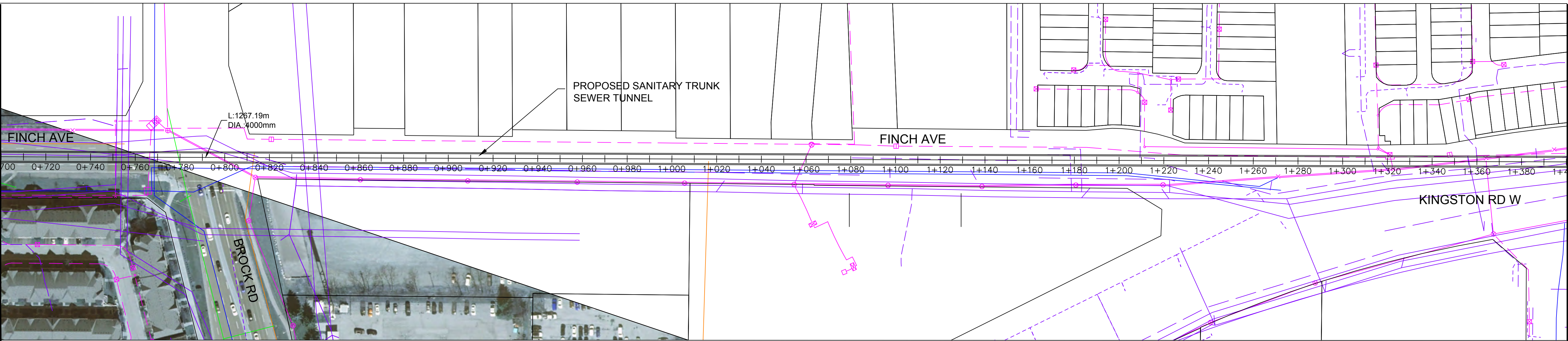
YORK REGION SEWAGE WORKS PROJECT
PRIMARY TRUNK TWINNING (P3)

CONCEPTUAL DRAWINGS
PLAN AND PROFILE
STA. 0+00 TO STA. 0+700

SHEET NUMBER	01
DRAWING NUMBER	P3-C1
CONTRACT NUMBER	

File Location: C:\Users\IH086592\OneDrive - Jacobs\PP3 - Primary Trunk Twinning\PP3-Conceptual Drawings\WIP\MUN\Sheets\PP3-C2.dwg Last Saved: September 20, 2023, by IH086592 Plotted: September 21, 2023

MATCH LINE STA. 0+700 SEE SHEET P3-C1



UTILITY LEGEND

EXISTING SANITARY

EXISTING STORM

EXISTING WATER

EXISTING GAS

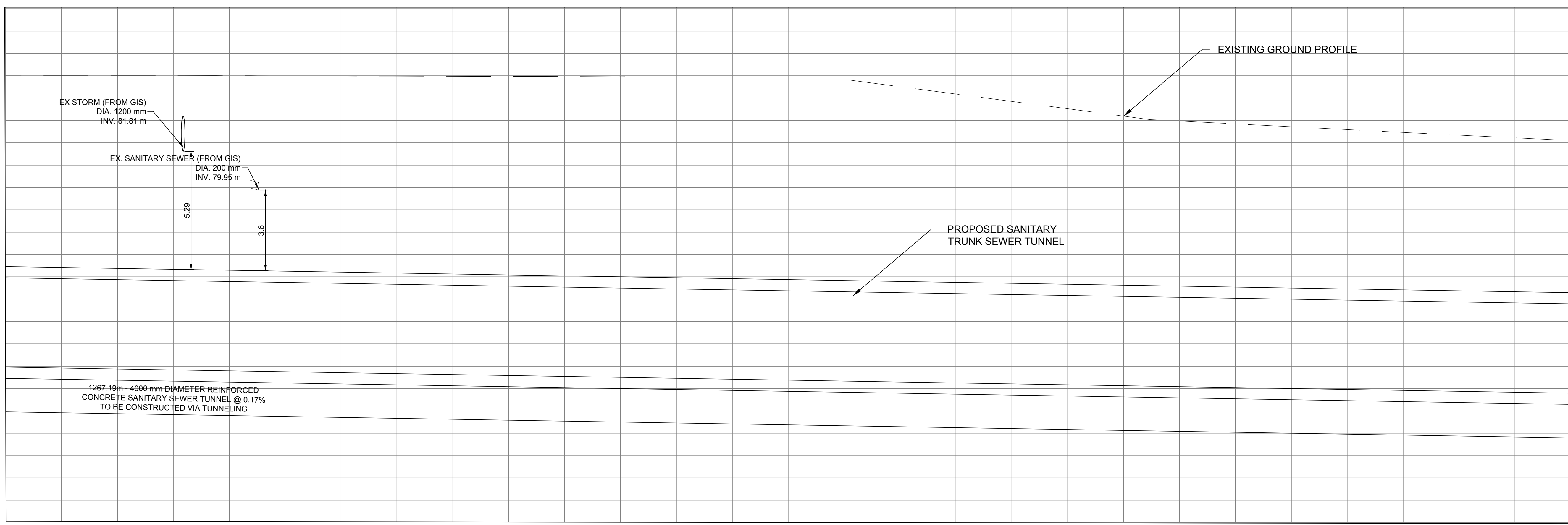
EXISTING TELECOM (ROGERS)

EXISTING POWER (ELEXICON ENERGY)

PROPOSED SANITARY ALIGNMENT

PROPOSED ALIGNMENT CHAINAGE

NOTE: EXISTING UTILITY LOCATIONS ARE APPROXIMATE AND OBTAINED FROM GIS DATA AND AVAILABLE AS-BUILT. THESE SHALL BE FURTHER REFINED DURING THE PRELIMINARY DESIGN STAGE ONCE MORE INFORMATION AND RECORD DRAWINGS BECOME AVAILABLE.



STRUCTURE NAME
GROUND EL. (m)
PIPE INVERT LEVEL (m)
PIPE LINE CHAINAGE (m)

STRUCTURE NAME

GROUND EL. (m)

PIPE INVERT LEVEL (m)

PIPE LINE CHAINAGE (m)

10m 0 10m 20 30m

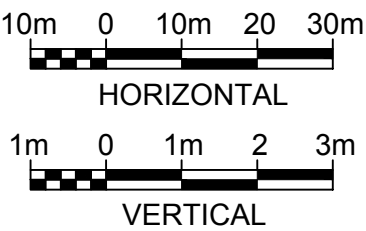
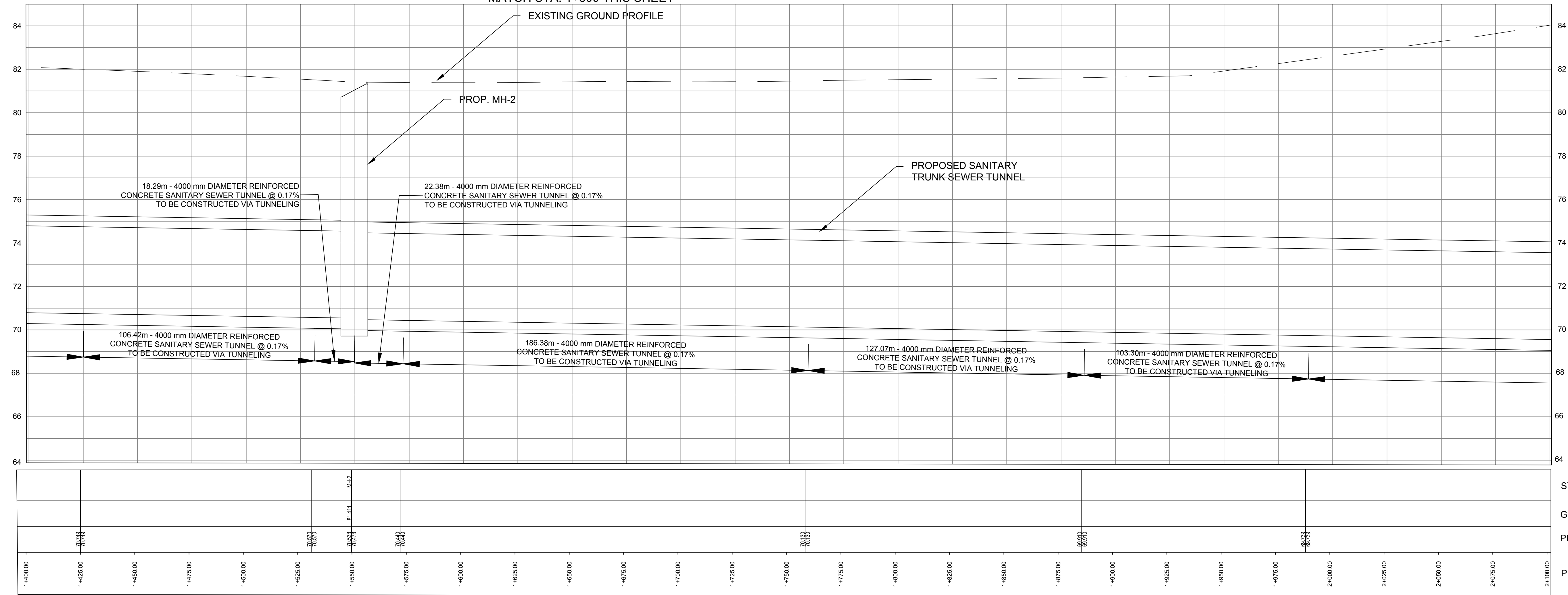
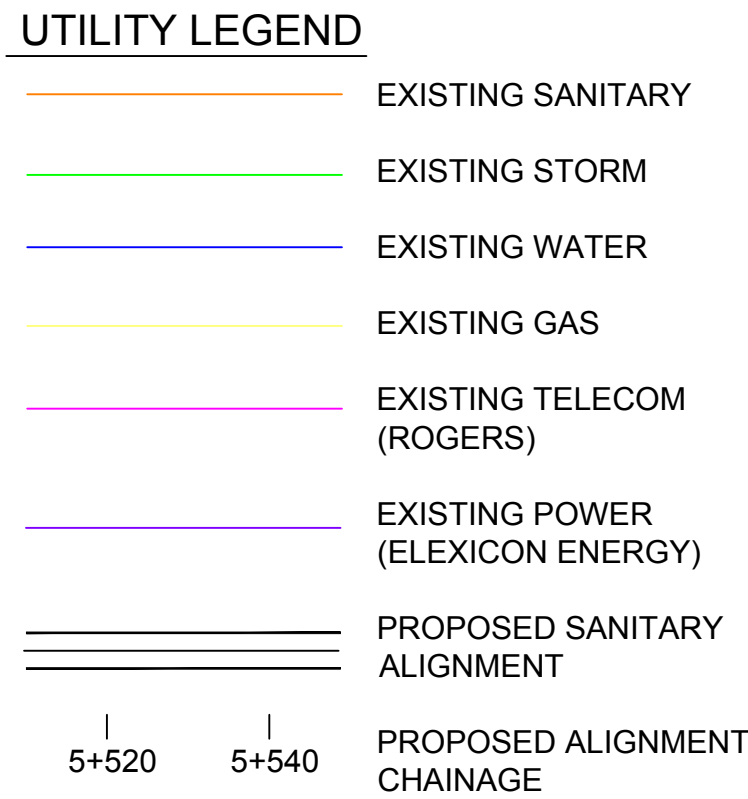
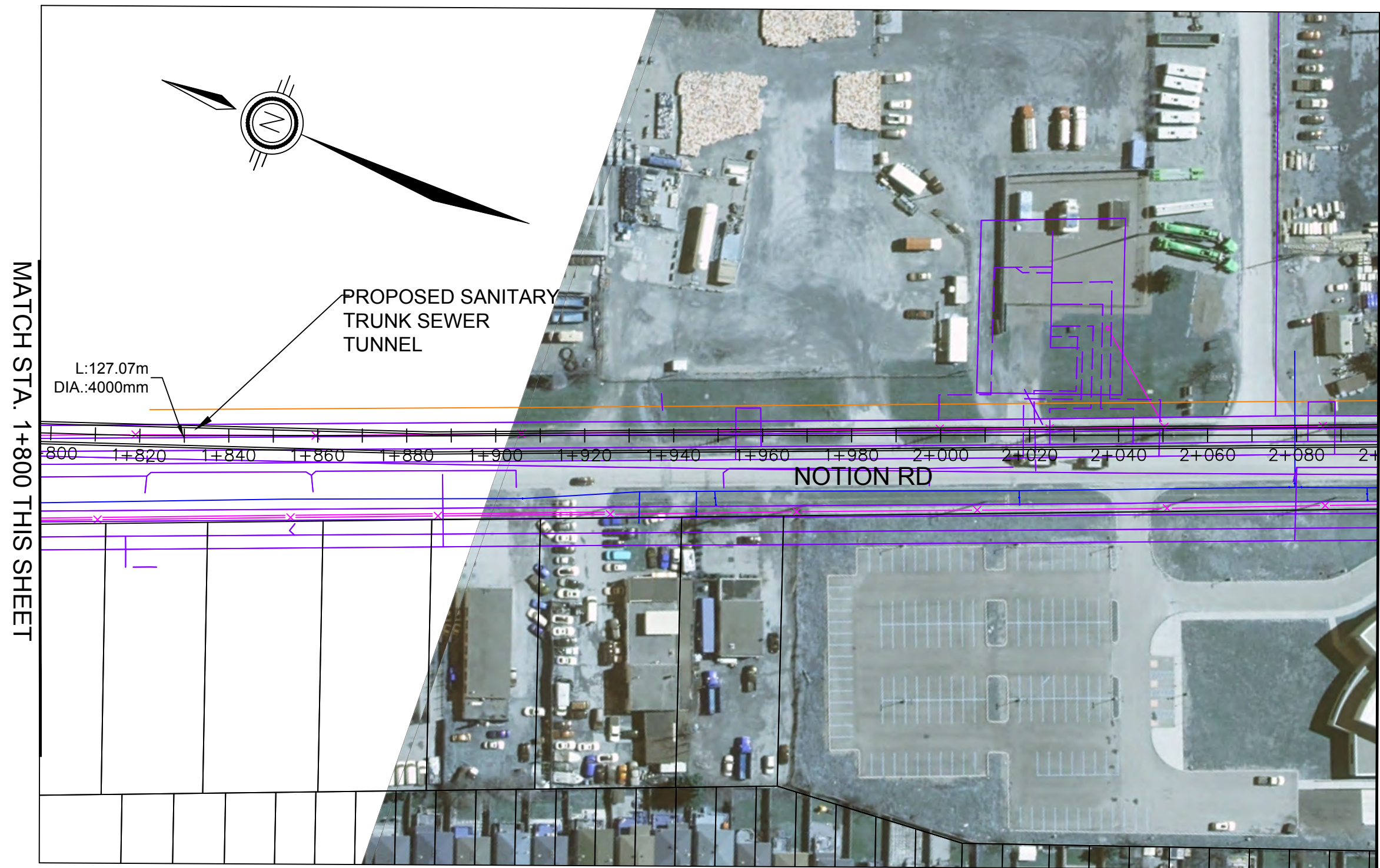
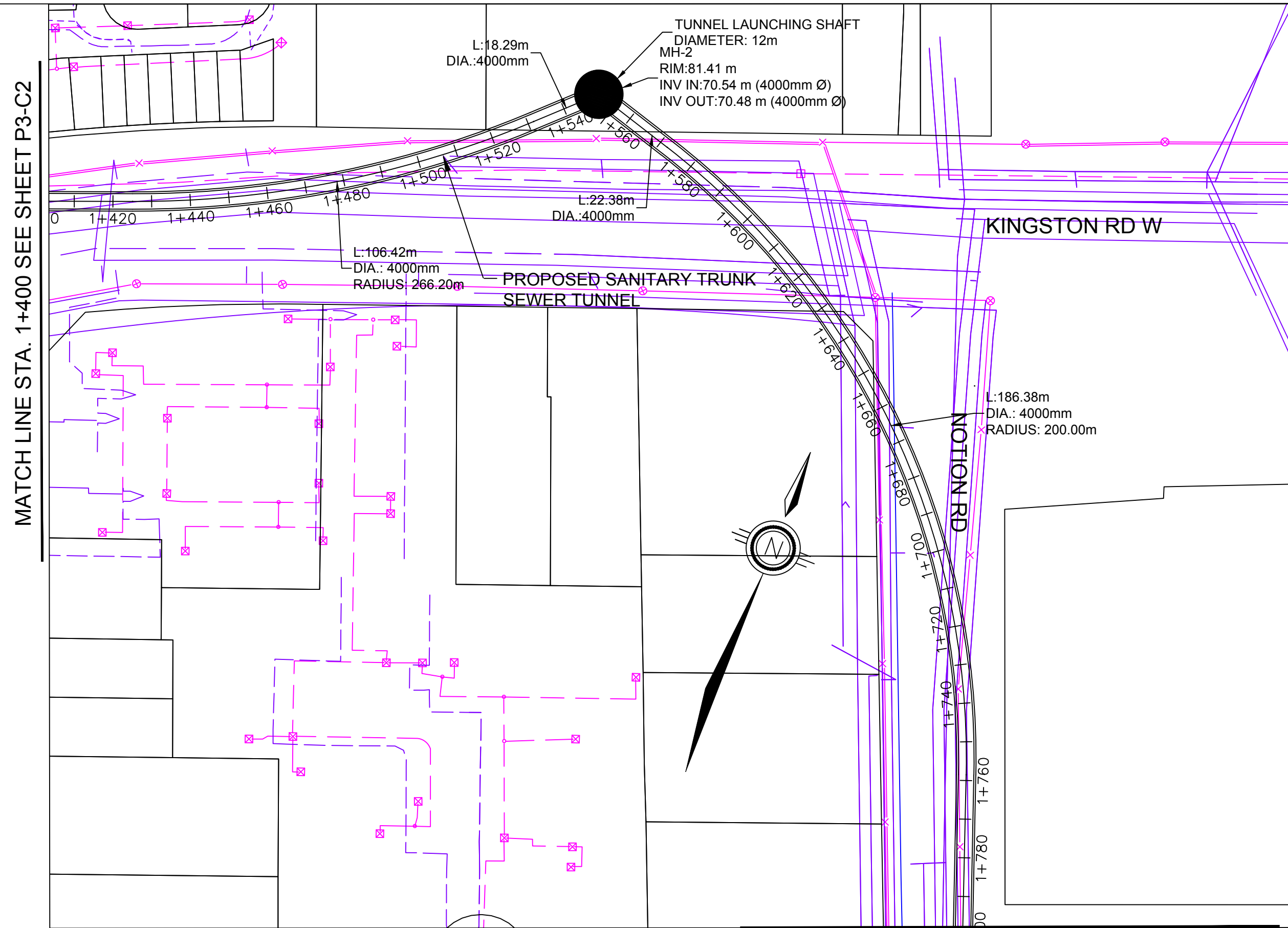
HORIZONTAL

1m 0 1m 2 3m

VERTICAL

DESIGNED	I.HAMDAN	THE LOCATION OF UTILITIES IS APPROXIMATE ONLY, AND THE EXACT LOCATION SHOULD BE DETERMINED BY CONSULTING THE MUNICIPAL AUTHORITIES AND UTILITY COMPANIES CONCERNED. THE CONTRACTOR SHALL PROVE THE LOCATION OF UTILITIES AND SHALL BE RESPONSIBLE FOR ADEQUATE PROTECTION FROM DAMAGE DURING CONSTRUCTION.	VERIFY SCALE	Jacobs DURHAM REGION York Region	YORK REGION SEWAGE WORKS PROJECT PRIMARY TRUNK TWINNING (P3)	SHEET NUMBER	02
DRAFTED	G.HARTLEY		SCALE H = 1:1000 V = 1:100			DRAWING NUMBER	P3-C2
CHECKED	P.PARMAR					CONTRACT NUMBER	
APPROVED	D.BONTU						
NO.	DATE	NAME	REVISION		CONCEPTUAL DRAWINGS PLAN AND PROFILE STA. 0+700 TO STA. 1+400		
1	SEPT 2023	IH	CLIENT'S COMMENTS INCORPORATED				
0	AUG 2023	GH	ISSUED FOR CONCEPTUAL DESIGN				

File Location: C:\Users\IH068592\OneDrive - Jacobs\PP3 - Primary Trunk Twinning\PP3-Conceptual Drawings\WIP\MUN\Sheets\PP3-C3.dwg Last Saved: September 20, 2023, by IH068592 Plotted: September 21, 2023



1	SEPT 2023	IH	CLIENT'S COMMENTS INCORPORATED
0	AUG 2023	GH	ISSUED FOR CONCEPTUAL DESIGN
NO.	DATE	NAME	REVISION

DESIGNED	I.HAMDAN
DRAFTED	G.HARTLEY
CHECKED	P.PARMAR
APPROVED	D.BONTU

THE LOCATION OF UTILITIES IS APPROXIMATE ONLY, AND THE EXACT LOCATION SHOULD BE DETERMINED BY CONSULTING THE MUNICIPAL AUTHORITIES AND UTILITY COMPANIES CONCERNED. THE CONTRACTOR SHALL PROVE THE LOCATION OF UTILITIES AND SHALL BE RESPONSIBLE FOR ADEQUATE PROTECTION FROM DAMAGE DURING CONSTRUCTION.
VERIFY SCALE
SCALE
H = 1:1000
V = 1:100

Jacobs

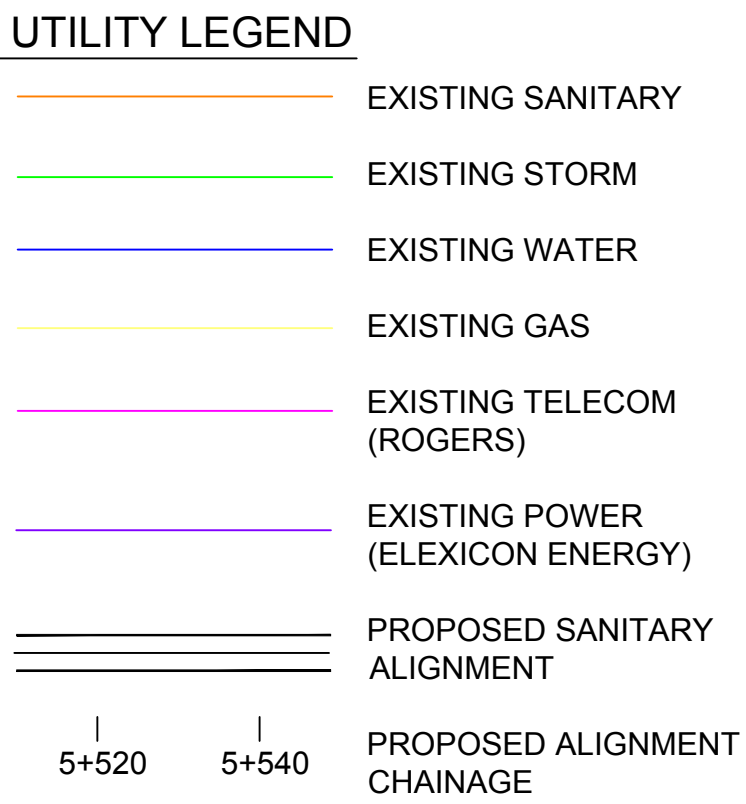


YORK REGION SEWAGE WORKS PROJECT
PRIMARY TRUNK TWINNING (P3)

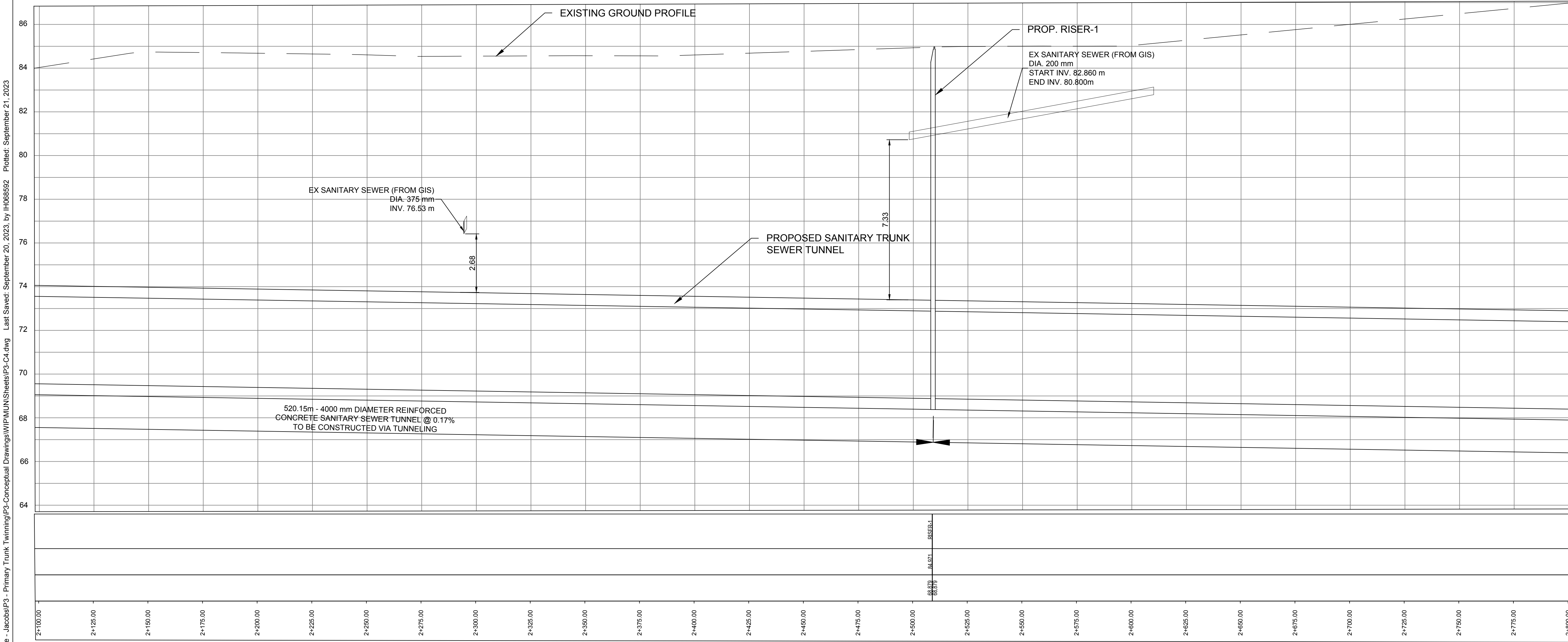
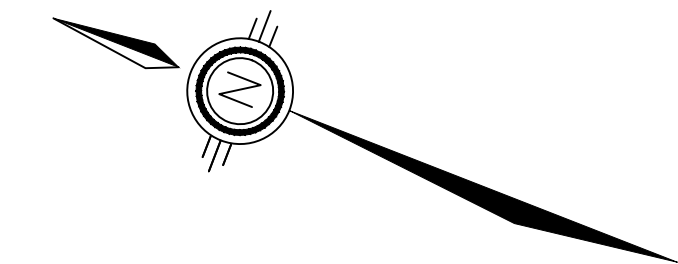
CONCEPTUAL DRAWINGS
PLAN AND PROFILE
STA. 1+400 TO STA. 2+100

SHEET NUMBER	03
DRAWING NUMBER	P3-C3
CONTRACT NUMBER	

File Location: C:\Users\IH068592\OneDrive - Jacobs\JP3 - Primary Trunk Twinning\JP3-Conceptual Drawings\WIP\MUN\Sheets\JP3-C4.dwg Last Saved: September 20, 2023, by IH068592 Plotted: September 21, 2023



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DRAFTED	G.HARTLEY	
CHECKED	P.PARMAR	
APPROVED	D.BONTU	

VERIFY SCALE
SCALE
H = 1:1000
V = 1:100

Jacobs

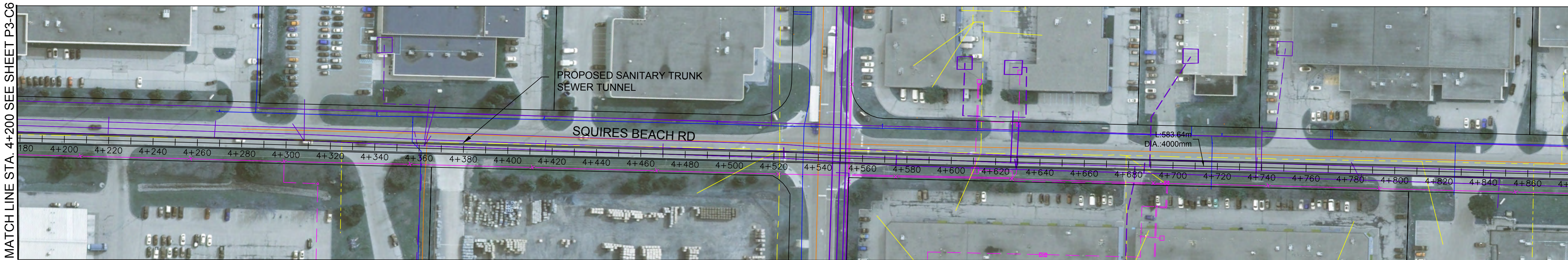


YORK REGION SEWAGE WORKS PROJECT
PRIMARY TRUNK TWINNING (P3)

CONCEPTUAL DRAWINGS
PLAN AND PROFILE
STA. 2+100 TO STA. 2+800

SHEET NUMBER	04
DRAWING NUMBER	P3-C4
CONTRACT NUMBER	

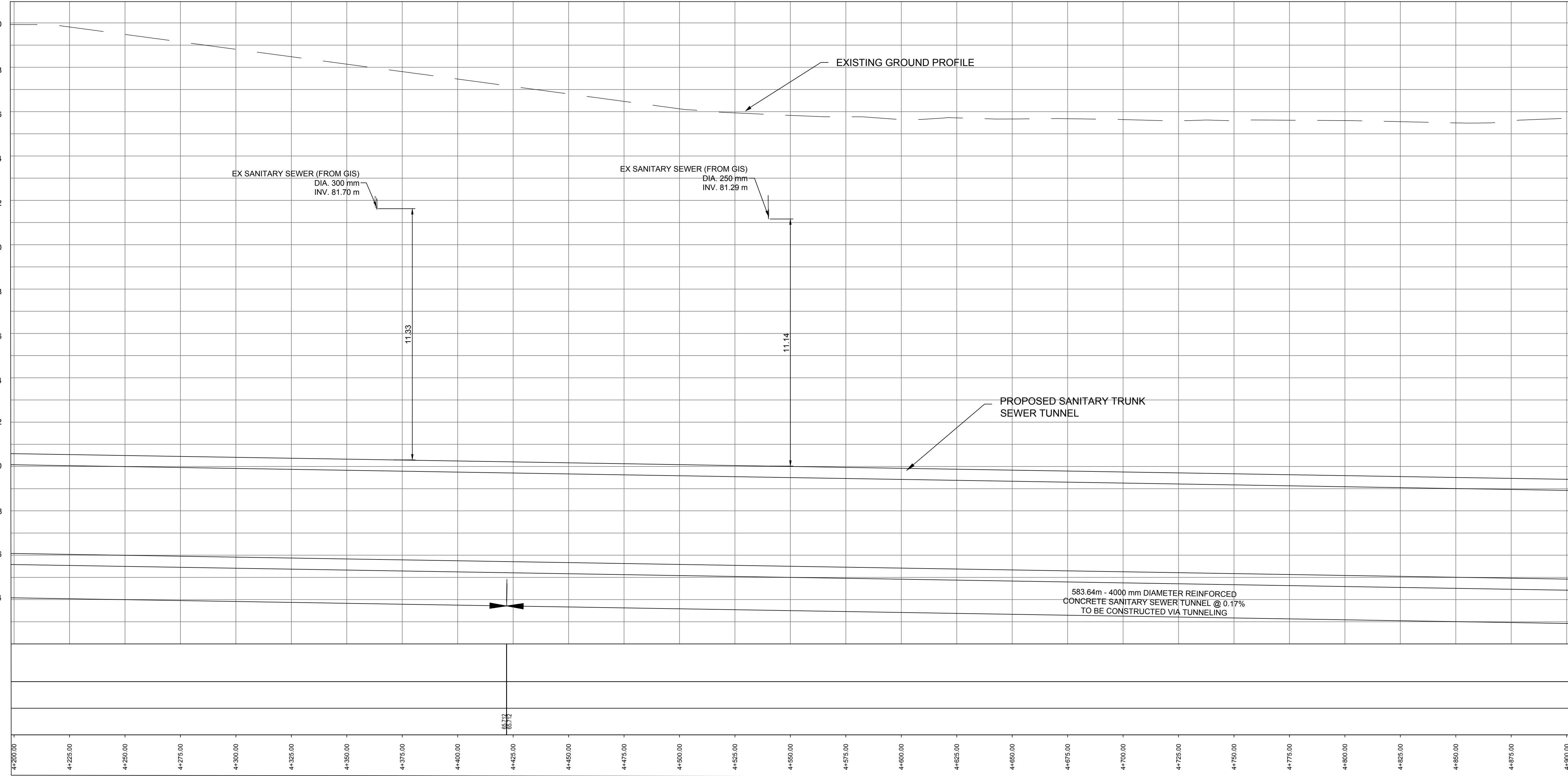
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UTILITY LEGEND

- EXISTING SANITARY
- EXISTING STORM
- EXISTING WATER
- EXISTING GAS
- EXISTING TELECOM (ROGERS)
- EXISTING POWER (ELEXICON ENERGY)
- PROPOSED SANITARY ALIGNMENT
- PROPOSED ALIGNMENT CHAINAGE

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STRUCTURE NAME

GROUND EL. (m)

PIPE INVERT LEVEL (m)

PIPE LINE CHAINAGE (m)

HORIZONTAL

VERTICAL

1	SEPT 2023	IH	CLIENT'S COMMENTS INCORPORATED	
0	AUG 2023	GH	ISSUED FOR CONCEPTUAL DESIGN	
NO.	DATE	NAME	REVISION	

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DRAFTED	G.HARTLEY	
CHECKED	P.PARMAR	
APPROVED	D.BONTU	

VERIFY SCALE
SCALE
H = 1:1000
V = 1:100

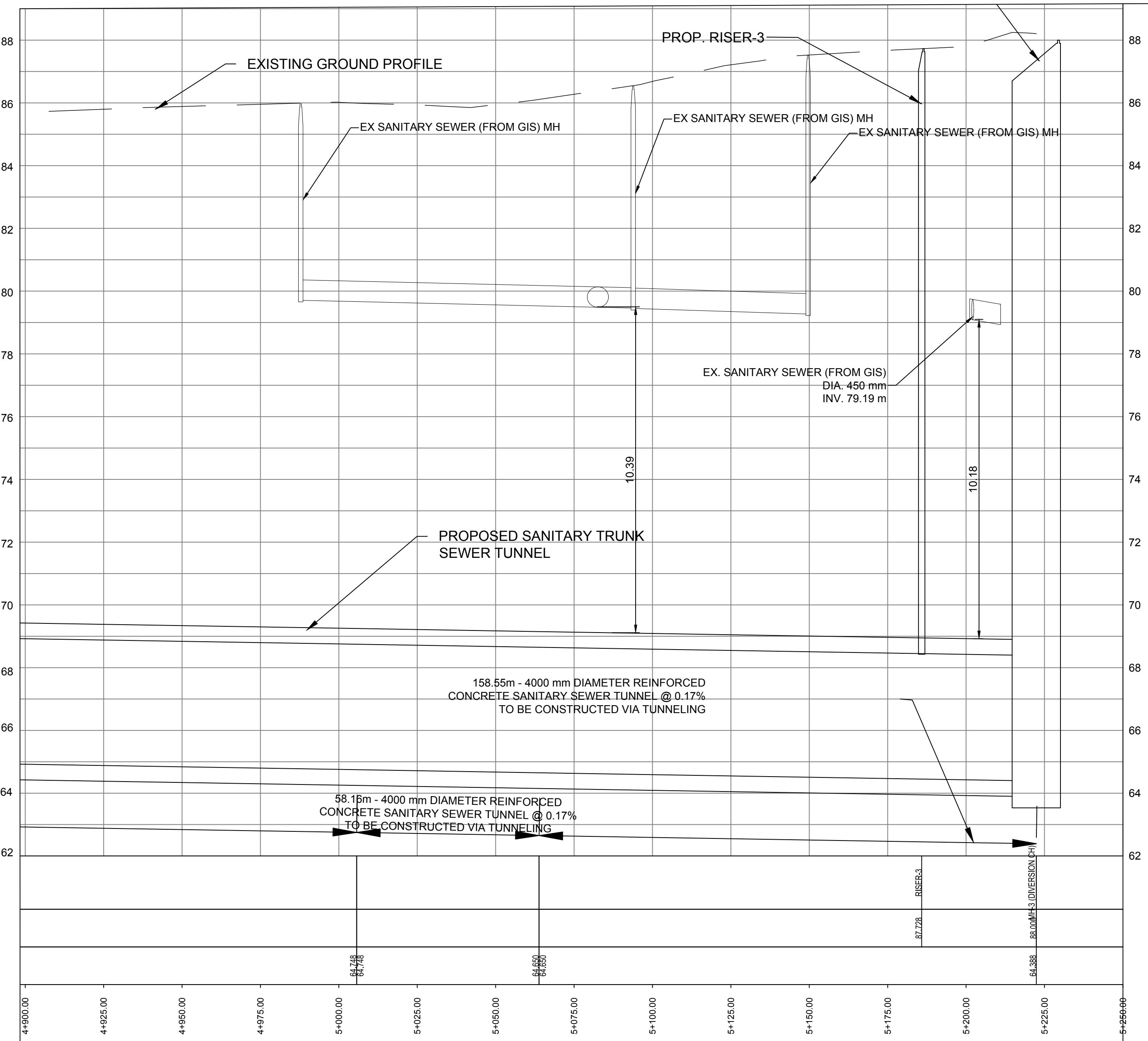
Jacobs



YORK REGION SEWAGE WORKS PROJECT
PRIMARY TRUNK TWINNING (P3)

CONCEPTUAL DRAWINGS
PLAN AND PROFILE
STA. 4+200 TO STA. 4+900

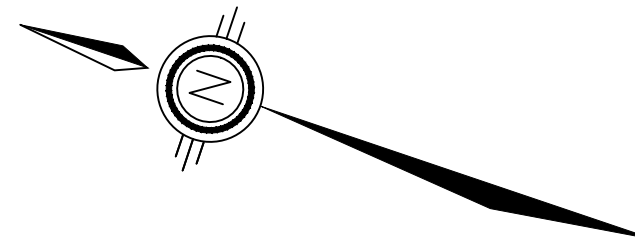
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DRAWING NUMBER	P3-C7
CONTRACT NUMBER	



UTILITY LEGEND

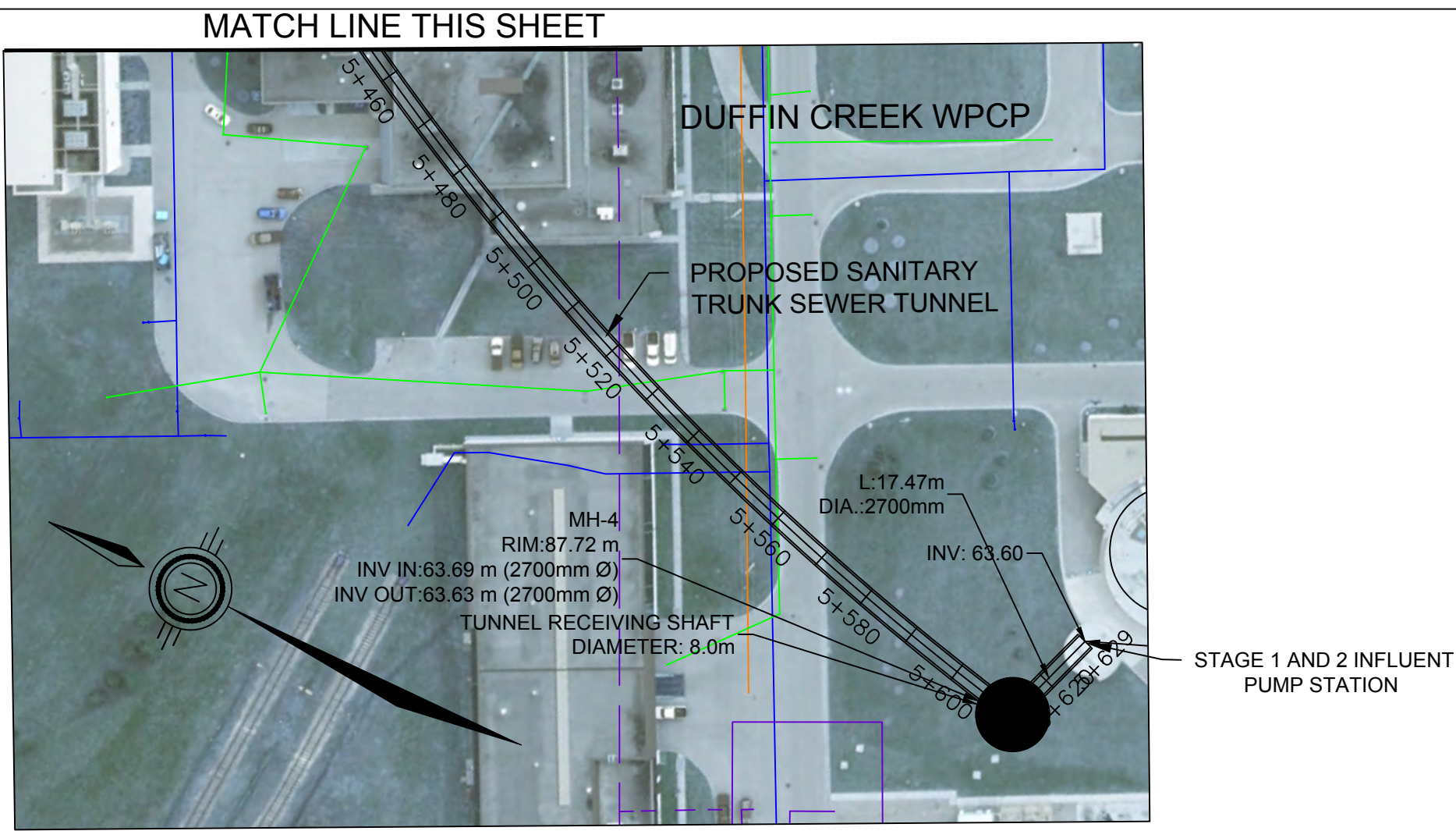
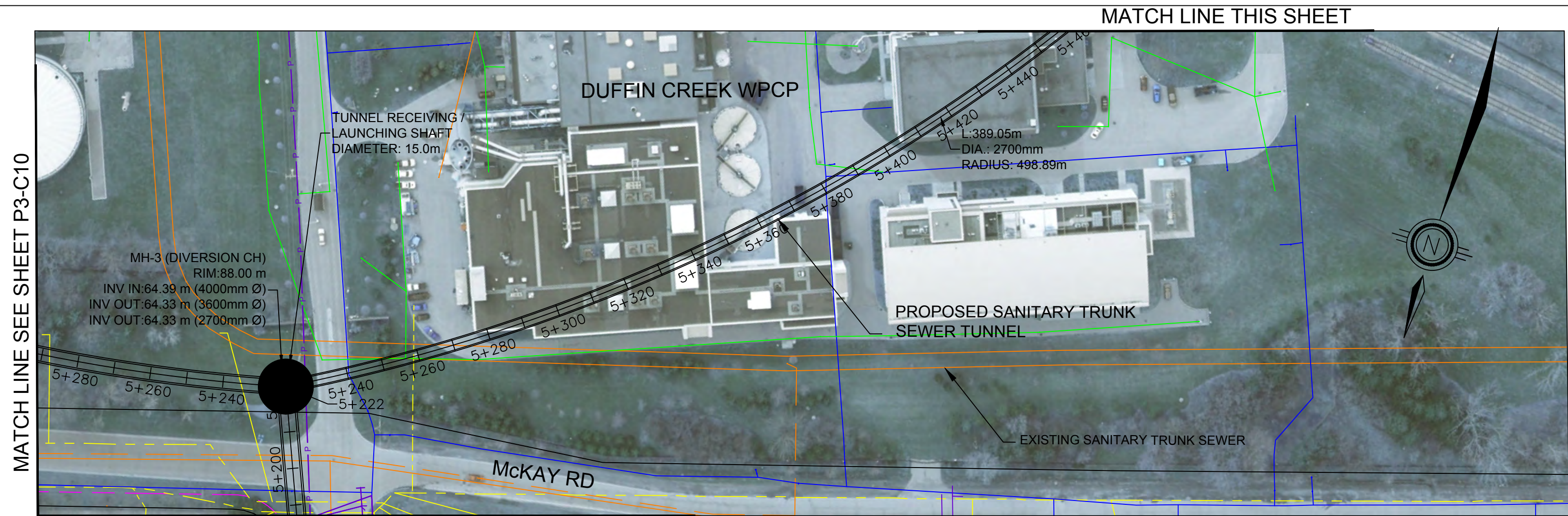
-
- EXISTING SANITARY
- EXISTING STORM
- EXISTING WATER
- EXISTING GAS
- EXISTING TELECOM (ROGERS)
- EXISTING POWER (EXICOM ENERGY)
- PROPOSED SANITARY ALIGNMENT
- 5+520 5+540
- PROPOSED ALIGNMENT CHAINAGE

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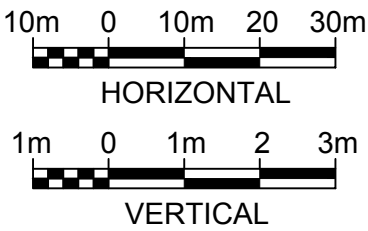
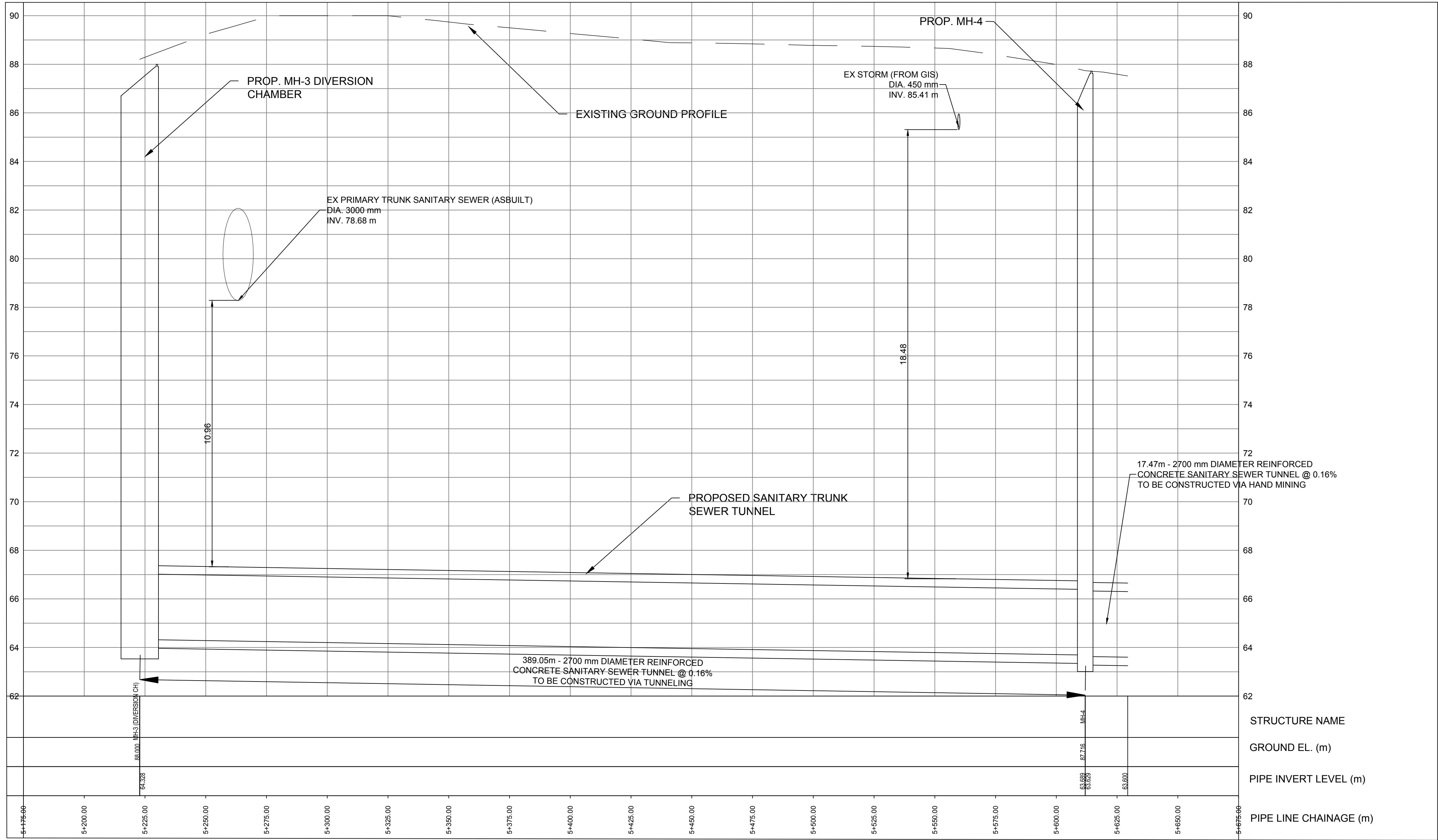


DESIGNED				THE LOCATION OF UTILITIES IS APPROXIMATE ONLY, AND THE EXACT LOCATION SHOULD BE DETERMINED BY CONSULTING THE MUNICIPAL AUTHORITIES AND UTILITY COMPANIES CONCERNED. THE CONTRACTOR SHALL PROVE THE LOCATION OF UTILITIES AND SHALL BE RESPONSIBLE FOR ADEQUATE PROTECTION FROM DAMAGE DURING CONSTRUCTION.	VERIFY SCALE				YORK REGION SEWAGE WORKS PROJECT PRIMARY TRUNK TWINNING (P3)	SHEET NUMBER	08	
DRAFTED										DRAWING NUMBER	P3-C8	
CHECKED										CONCEPTUAL DRAWINGS PLAN AND PROFILE STA. 4+900 TO STA. 5+223	CONTRACT NUMBER	
APPROVED												
I.HAMDAN				SCALE H = 1:1000 V = 1:100								
G.HARTLEY												
P.PARMAR												
D.BONTU												
CLIENT'S COMMENTS INCORPORATED												
ISSUED FOR CONCEPTUAL DESIGN												
NO. DATE NAME REVISION												

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- UTILITY LEGEND
- EXISTING SANITARY
 - EXISTING STORM
 - EXISTING WATER
 - EXISTING GAS
 - EXISTING TELECOM (ROGERS)
 - EXISTING POWER (ELEXICON ENERGY)
 - PROPOSED SANITARY ALIGNMENT
 - PROPOSED ALIGNMENT CHAINAGE
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0	AUG 2023	GH	ISSUED FOR CONCEPTUAL DESIGN

DESIGNED	I.HAMDAN
DRAFTED	G.HARTLEY
CHECKED	P.PARMAR
APPROVED	D.BONTU

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VERIFY SCALE

SCALE

H = 1:1000

V = 1:100

Jacobs

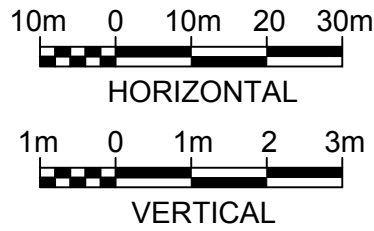
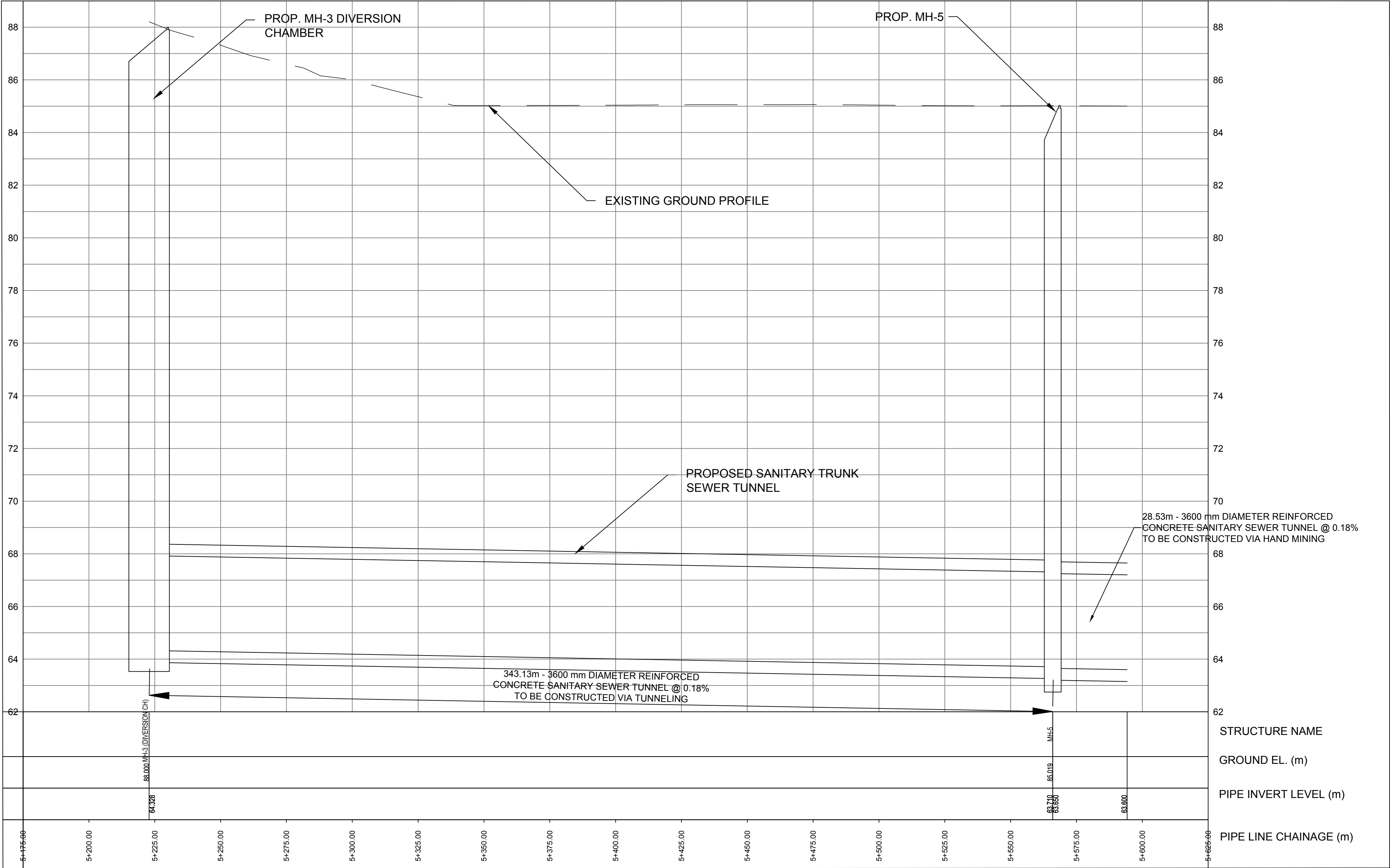
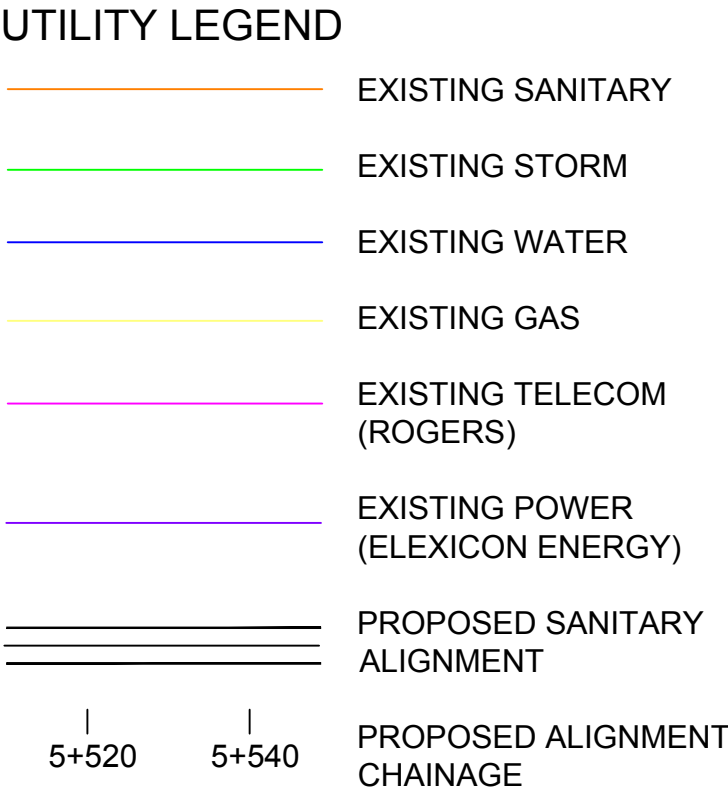
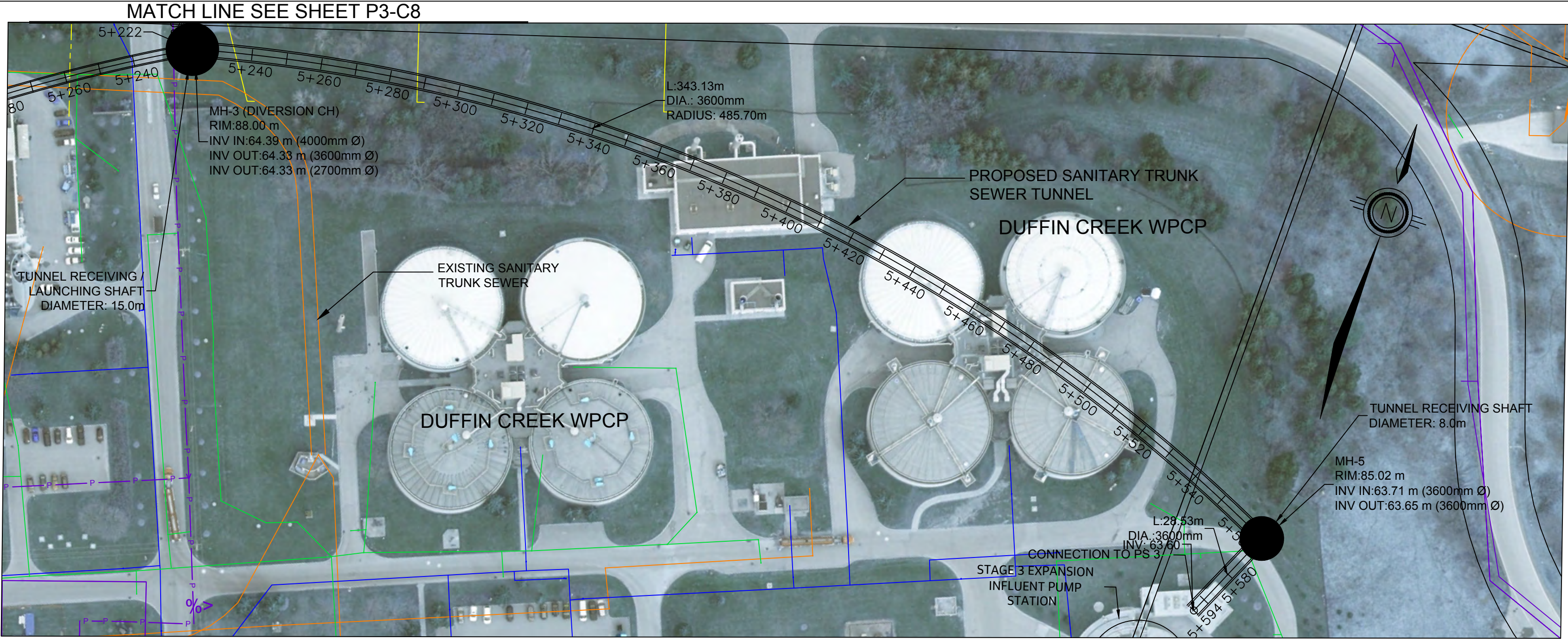


YORK REGION SEWAGE WORKS PROJECT
PRIMARY TRUNK TWINNING (P3)

CONCEPTUAL DRAWINGS
PLAN AND PROFILE
STA. 5+223 TO STA. 5+629 (WEST)

SHEET NUMBER	09
DRAWING NUMBER	P3-C9
CONTRACT NUMBER	

File Location: C:\Users\IH08592\OneDrive - Jacobs\PP3 - Primary Trunk Twinning\PP3-Conceptual Drawings\WPMUN\Sheets\PP3-C10.dwg Last Saved: September 20, 2023 by IH08592 Plotted: September 21, 2023



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DESIGNED	I.HAMDAN
DRAFTED	G.HARTLEY
CHECKED	P.PARMAR
APPROVED	D.BONTU

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VERIFY SCALE

SCALE

Jacobs



YORK REGION SEWAGE WORKS PROJECT
PRIMARY TRUNK TWINNING (P3)

CONCEPTUAL DRAWINGS
PLAN AND PROFILE
STA. 5+223 TO STA. 5+594 (EAST)

SHEET NUMBER	10
DRAWING NUMBER	P3-C10
CONTRACT NUMBER	