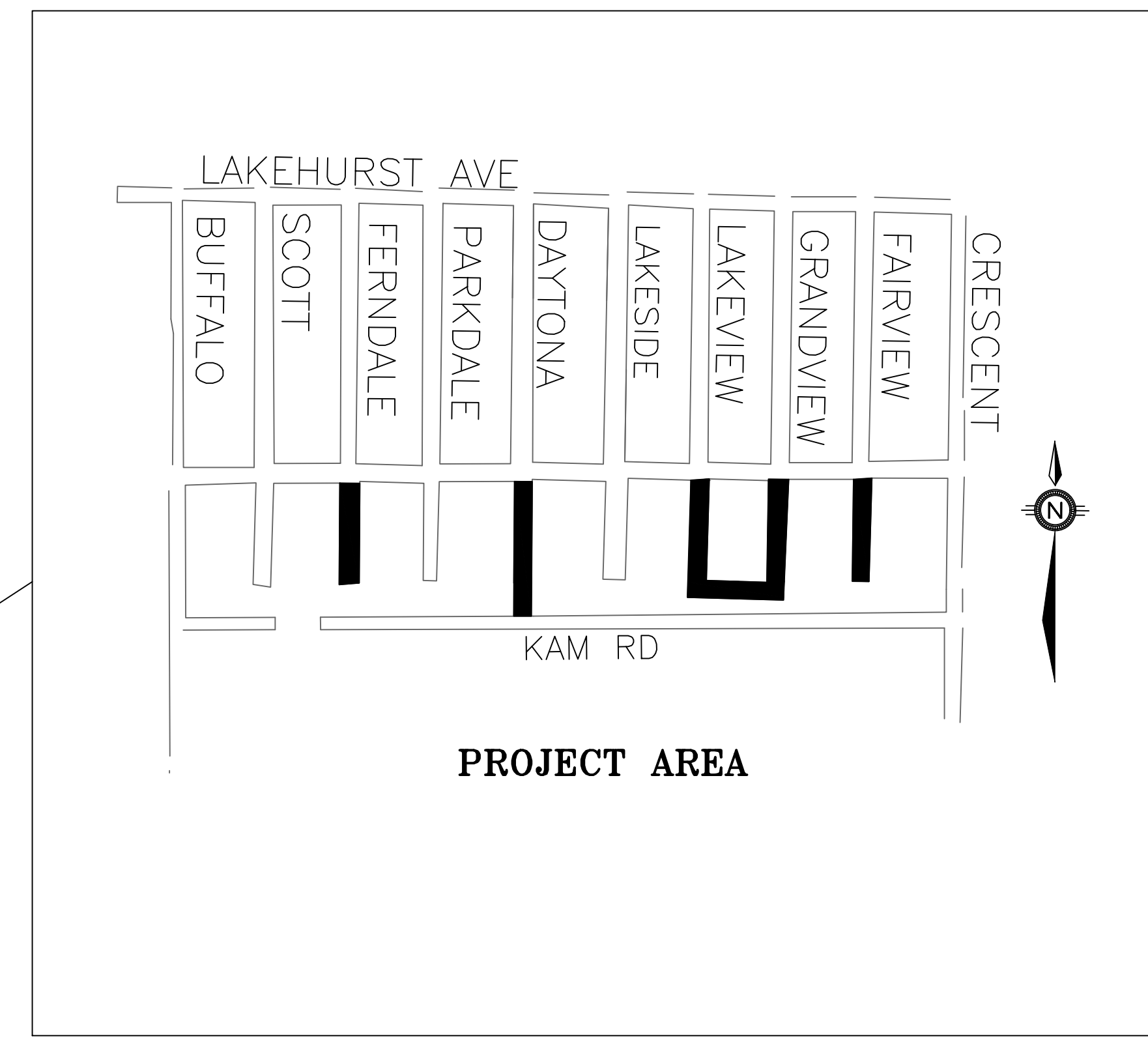
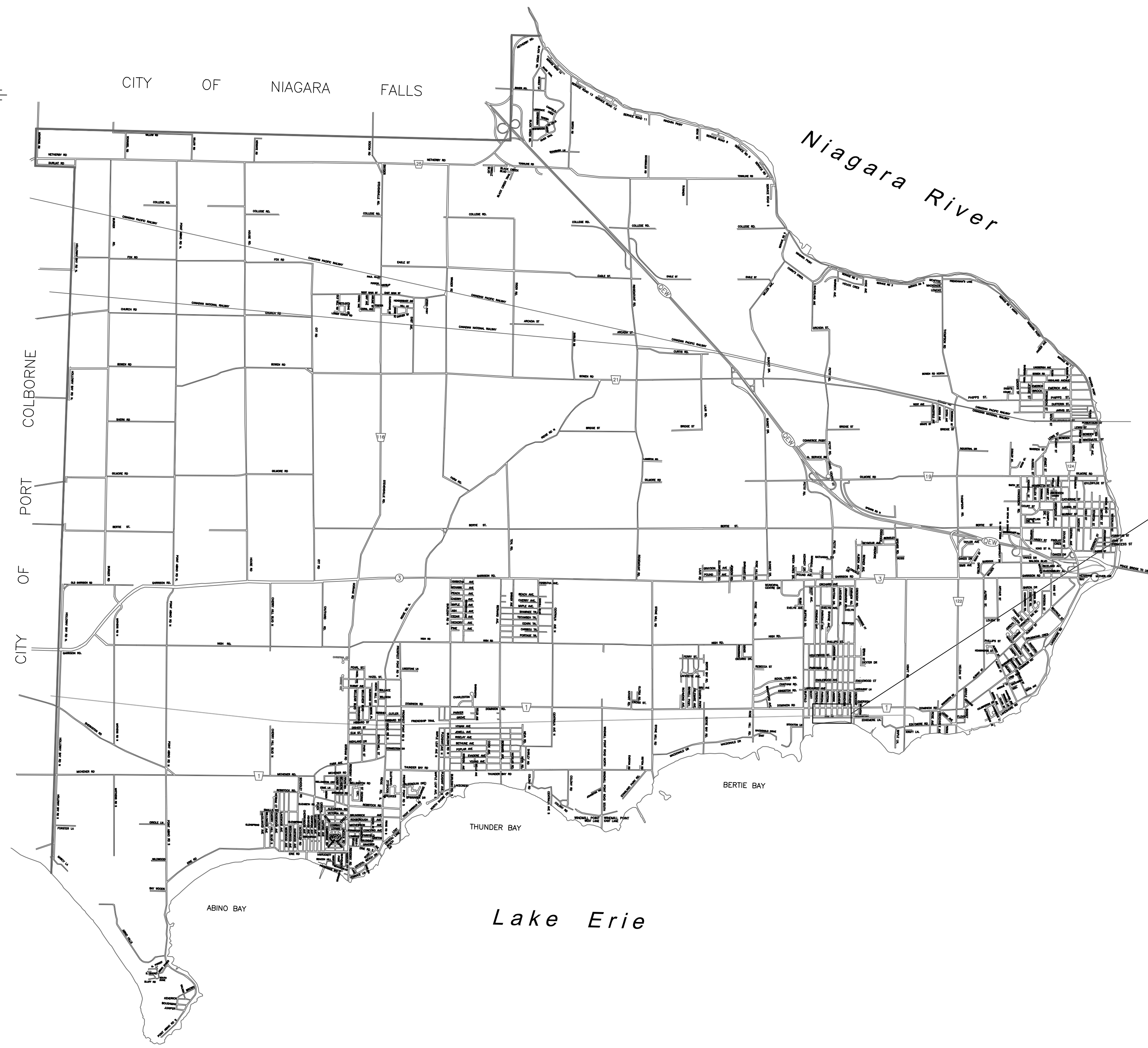
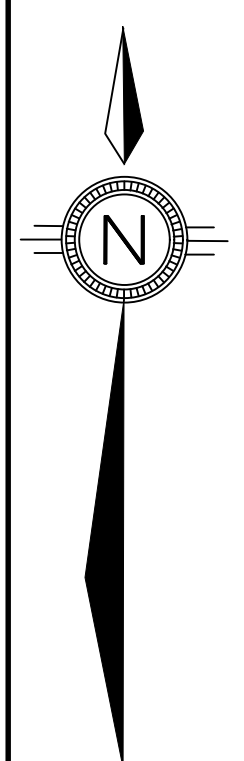


LOCATION PLAN
N.T.S.

WATERMAIN DEAD END REPLACEMENT
(FERNDALE, DAYTONA, LAKEVIEW, GRANDVIEW AND FAIRVIEW)
AND ROAD RECONSTRUCTION

PROJECT NO: ISE-20T-WMDE18

LIST OF DRAWINGS	
DRAWING #	LOCATION
PP1	FERNDALE AVE. PLAN PROFILE
PP2	DAYTONA DRIVE PLAN PROFILE
PP3	DAYTONA DRIVE PLAN PROFILE/DETAILS
PP4	LAKEVIEW ROAD PLAN PROFILE/DETAILS
PP5	ARLINGTON AVE. PLAN PROFILE/DETAILS
PP6	GRANDVIEW ROAD PLAN PROFILE/DETAILS
PP7	FAIRVIEW ROAD PLAN PROFILE/DETAILS
XS1	FERNDALE AVE CROSS SECTIONS
XS2	DAYTONA DRIVE CROSS SECTIONS
XS3	LAKEVIEW, ARLINGTON, GRANDVIEW CROSS SECTIONS
XS4	LAKEVIEW, ARLINGTON, GRANDVIEW CROSS SECTIONS
XS5	FAIRVIEW ROAD CROSS SECTIONS

WAYNE REDEKOP
Mayor

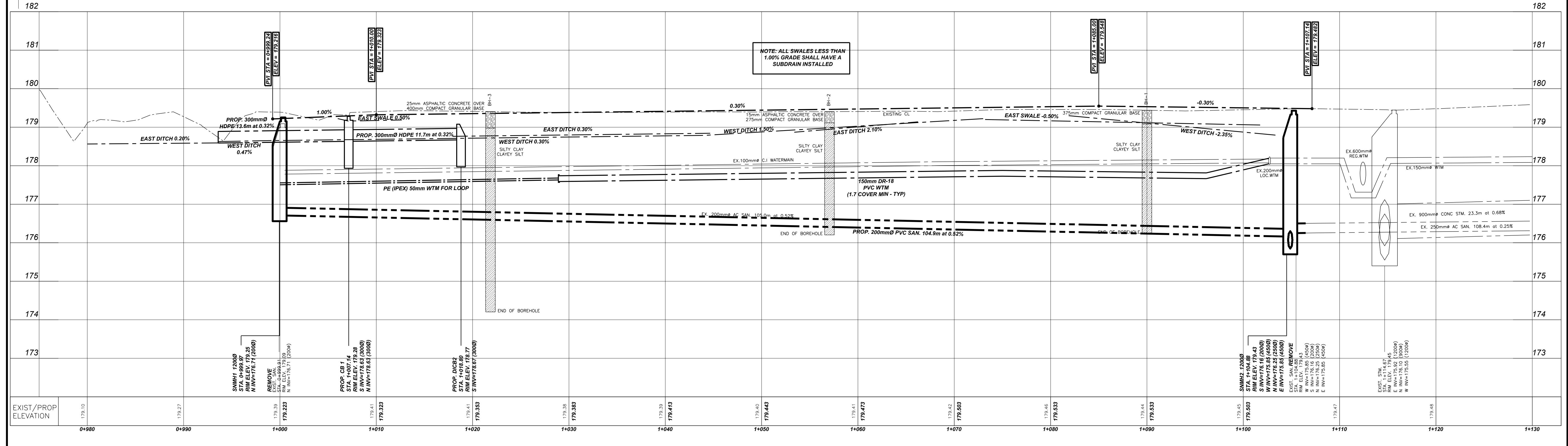
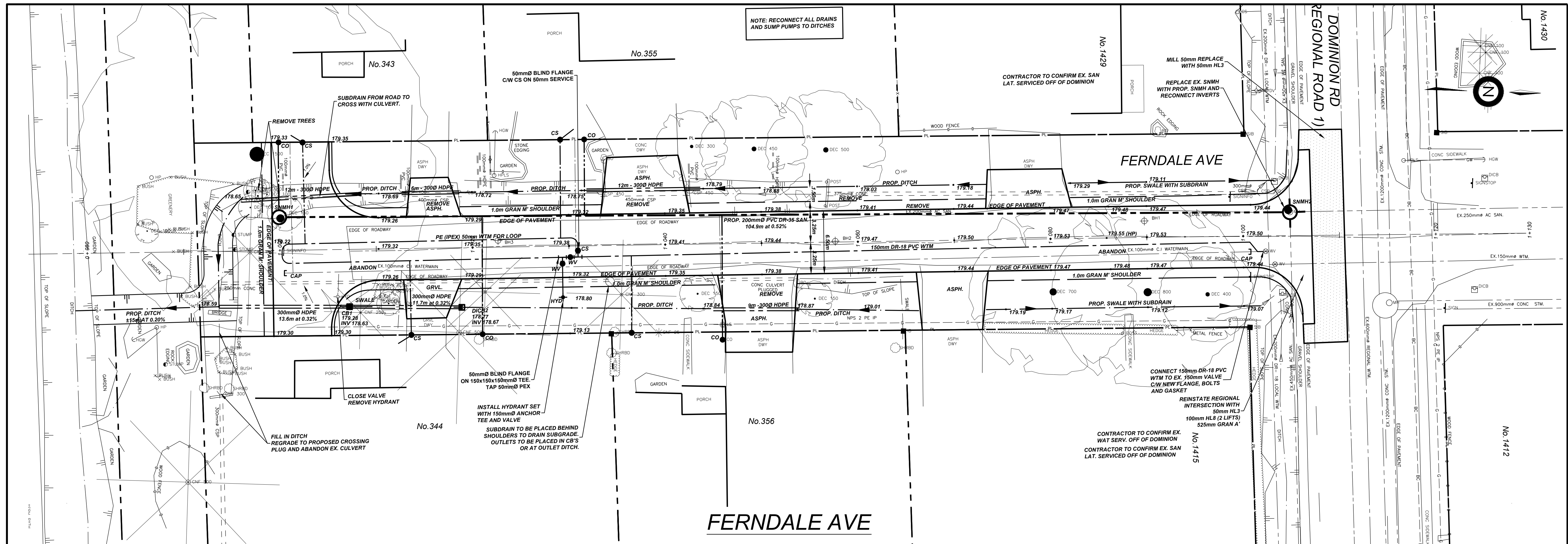
KELLY M. WALSH, P.ENG.
Director of Infrastructure Services

THE CORPORATION OF THE TOWN OF FORT ERIE
INFRASTRUCTURE SERVICES – ENGINEERING DIVISION

ISSUED FOR TENDER



KERRY T. HOWE ENGINEERING LTD.
CONSULTING ENGINEERS
58 Church Street
St. Catharines, Ontario
(905) 688-6550



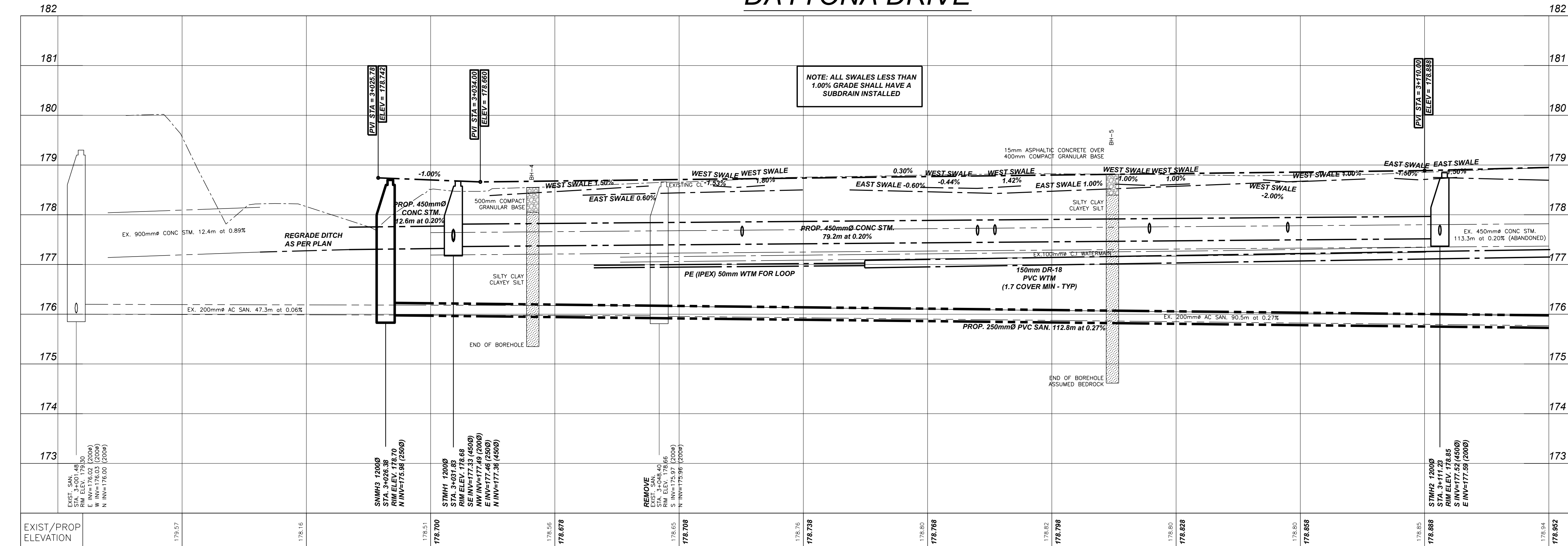
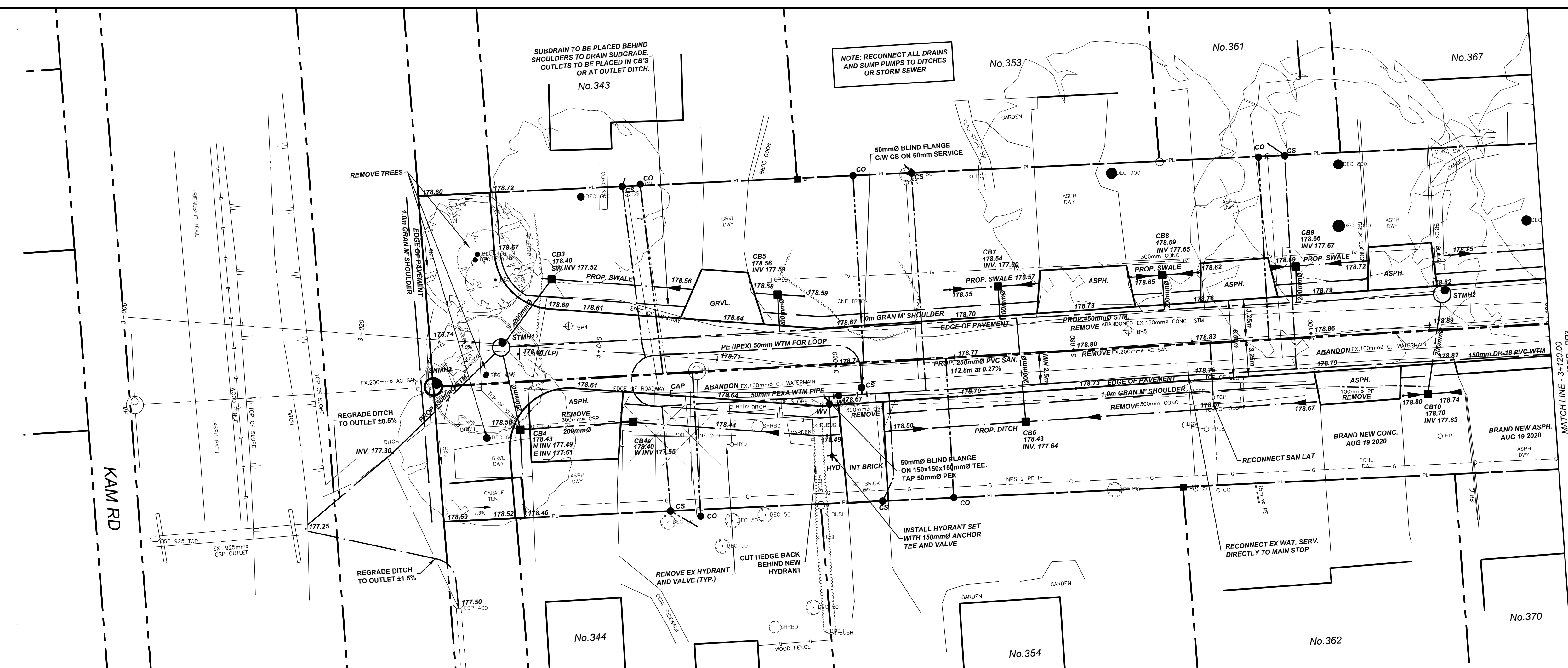
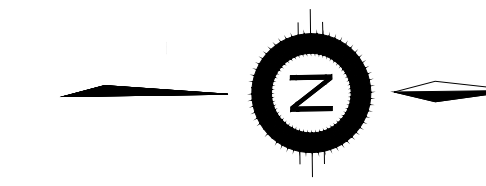
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1	THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWER AND OTHER UNDERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS AND, WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED BEFORE STARTING WORK. THE CONTRACTOR SHALL INFORM HIMSELF OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.		
2	PROPERTY LINES WERE PLOTTED USING REGISTERED PLANS AND BARS LOCATED IN THE FIELD. TO VERIFY THE ACCURACY OF THESE PROPERTY LINES, A LEGAL SURVEY SHOULD BE PERFORMED PRIOR TO CONSTRUCTION.		
3	THIS DRAWING IS FOR ILLUSTRATIVE PURPOSES ONLY. KERRY T. HOWE ENGINEERING LTD. ASSUMES NO LIABILITY FOR USE IN ANY OTHER WAY. CAD FILES OF THIS DRAWING ARE NOT CERTIFIED BY THE ENGINEER FOR USE BY OTHERS. USERS OF THESE CAD FILES ASSUME ALL RISK AND RESPONSIBILITY FOR VERIFYING THE CORRECTNESS OF ALL INFORMATION FOR ANY USE.		
BENCHMARK			
1	CPI IN SIDEWALK ON NW CORNER OF DAYTONA AND DOMINION	N=4750183.21	E=666109.502
2	CPI ON NE CORNER OF DOMINION AND LAKEVIEW IN SIDEWALK	N=4750194.150	E=666307.496
3	CPI IN NORTHWEST CORNER OF FAIRVIEW AND DOMINION	N=4750200.408	E=666470.387
ELEV=178.86			
ELEV=179.382			
ELEV=179.362			

DRAFTING	
TP	DESIGN
JJ	CHECKED BY
JJ	APPROVED BY

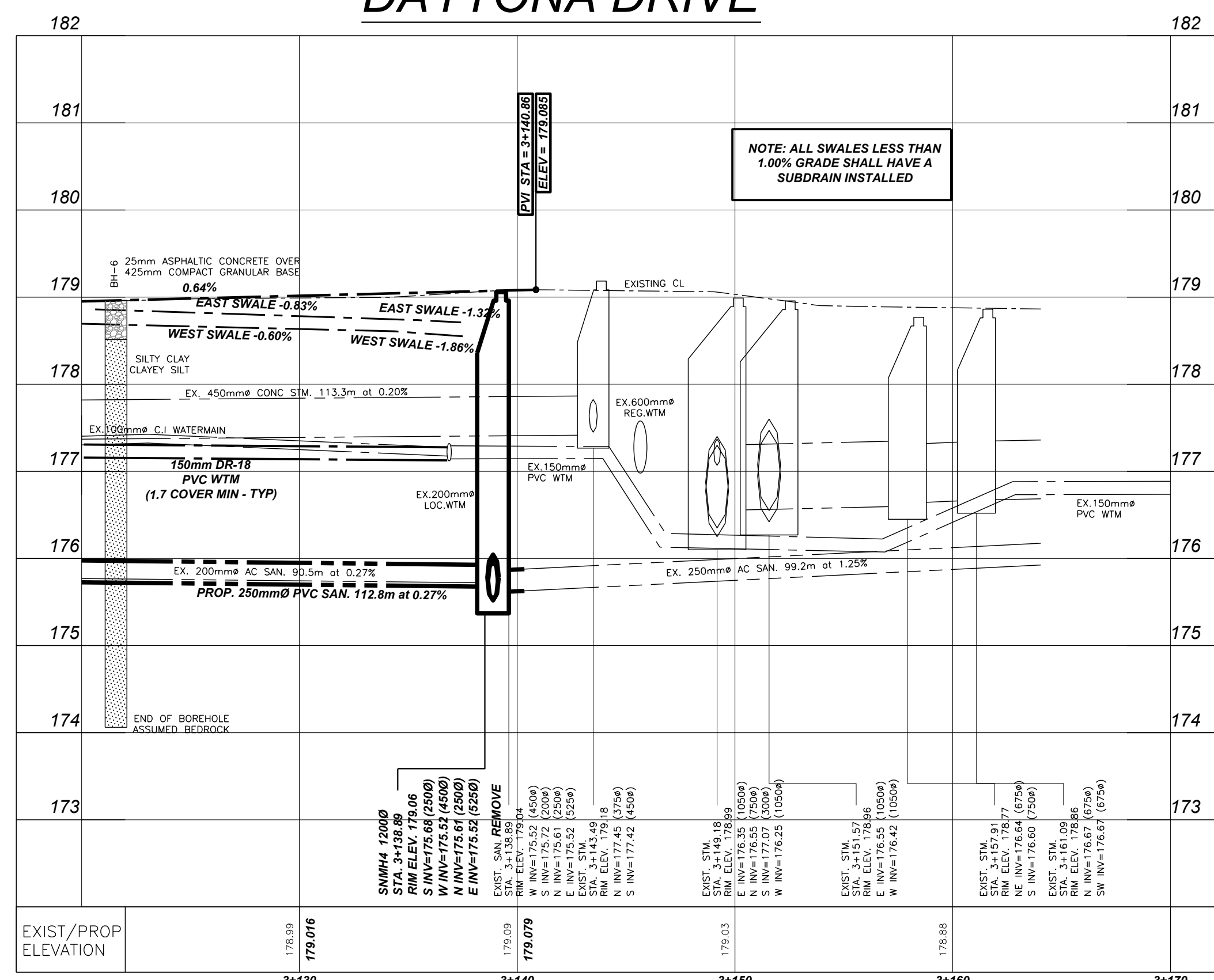
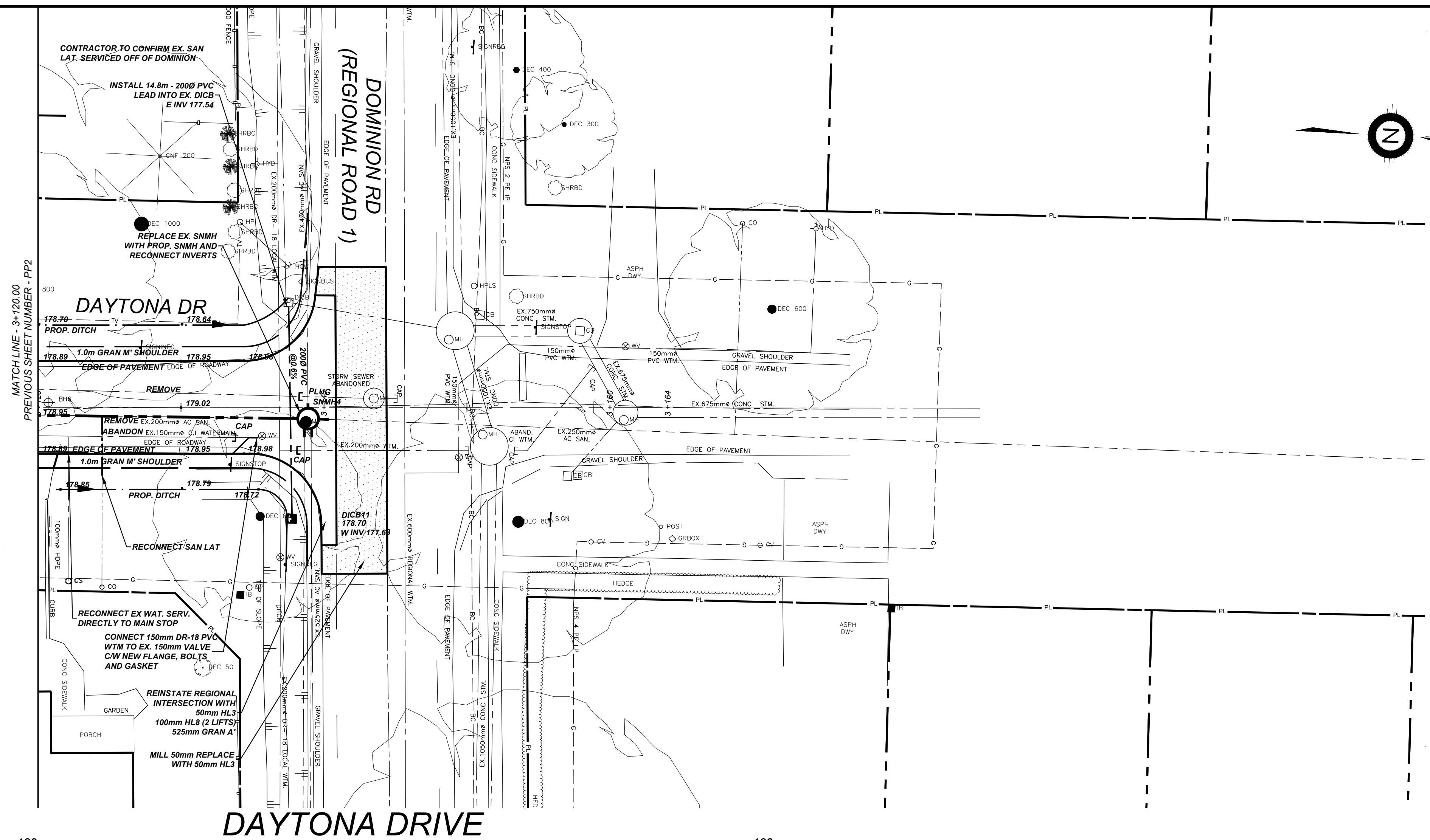
I. & J. Jaeger
ENGINEERING LTD.
CONSULTING ENGINEERS
98 Church Street
St. Catharines, Ontario
(905) 688-6550

FORT ERIE
ONTARIO

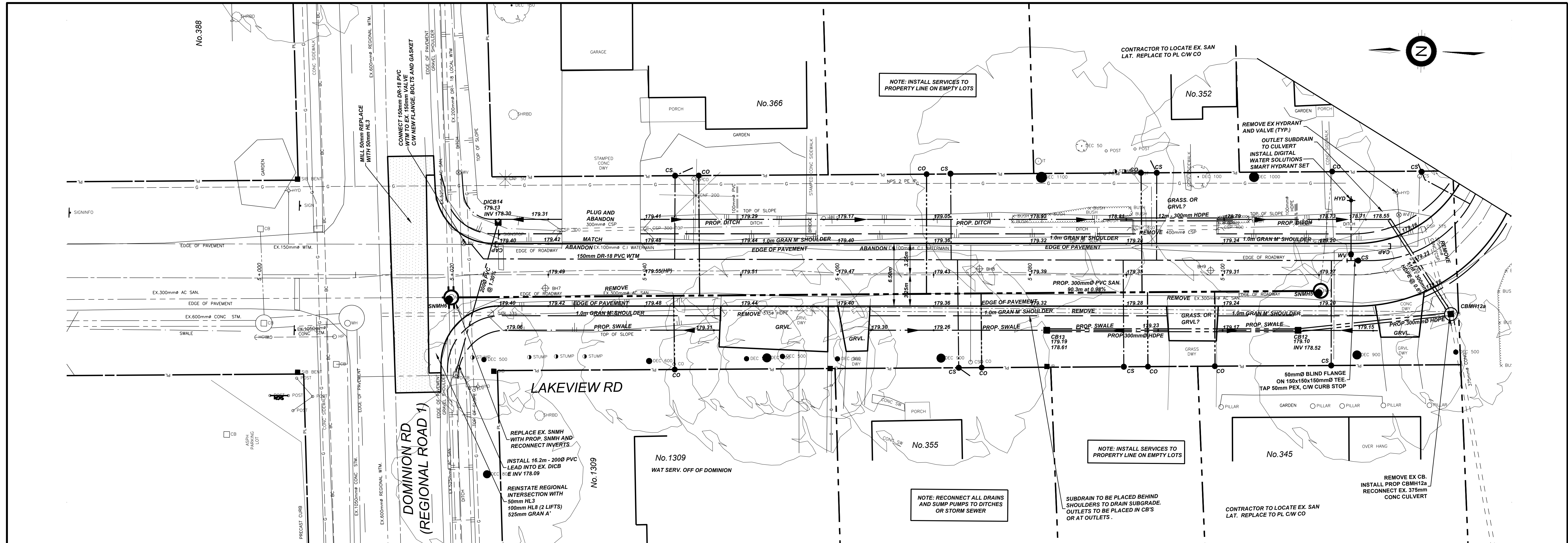
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CONSULTANT FILE No. 20-008
DATE OCT 2020
SCALE HOR 1:200
VER: 1:50
REF. No. ISE-20T-WMDE18
DWG No. 20-008 - PP1
REV. 2



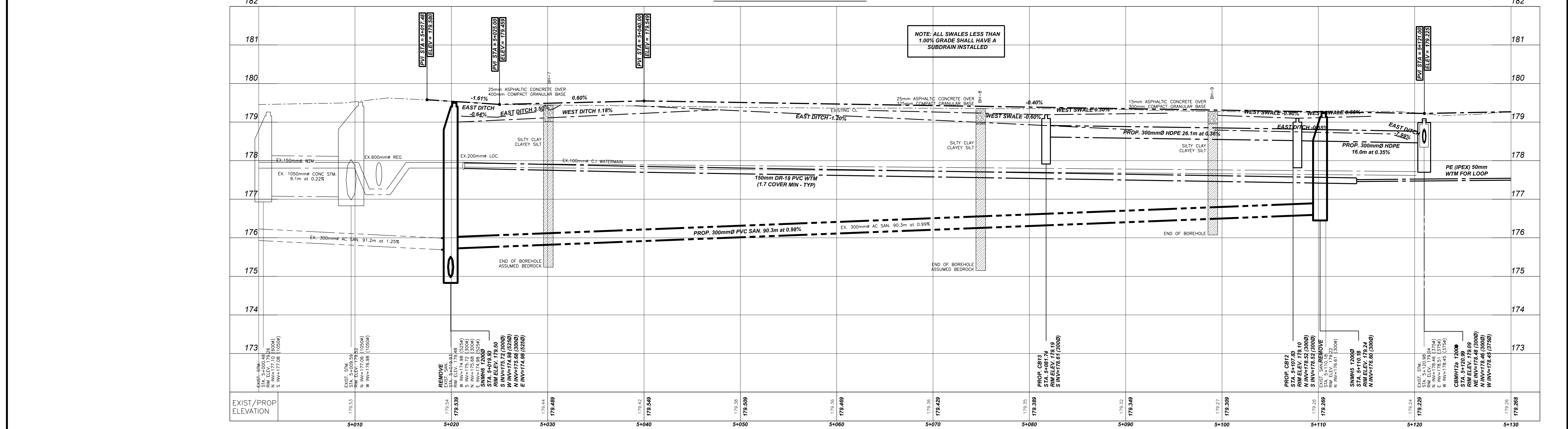
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1 THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWER AND OTHER UNDERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS AND, WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED BEFORE STARTING WORK. THE CONTRACTOR SHALL INFORM HIMSELF OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.		TP		CONSULTING ENGINEERS		WTM DEAD END REPLACEMENT		DATE OCT 2020	
2 PROPERTY LINES WERE PLOTTED USING REGISTERED PLANS AND BARS LOCATED IN THE FIELD. TO VERIFY THE ACCURACY OF THESE PROPERTY LINES, A LEGAL SURVEY SHOULD BE PERFORMED PRIOR TO CONSTRUCTION.		JJ		98 Church Street St. Catharines, Ontario (905) 688-6550		FERNDAL, DAYTONA, LAKEVIEW, GRANDVIEW, FAIRVIEW		SCALE HOR 1:200 VER: 1:50	
3 THIS DRAWING IS FOR ILLUSTRATIVE PURPOSES ONLY. KERRY T. HOWE ENGINEERING LTD. ASSUMES NO LIABILITY FOR USE IN ANY OTHER WAY. CAD FILES OF THIS DRAWING ARE NOT CERTIFIED BY THE ENGINEER FOR USE BY OTHERS. USERS OF THESE CAD FILES ASSUME ALL RISK AND RESPONSIBILITY FOR VERIFYING THE CORRECTNESS OF ALL INFORMATION FOR ANY USE.		JJ				AND ROAD RECONSTRUCTION		REF. No. ISE-20T-WMDE18	
BENCHMARK		JJ				TOWN OF FORT ERIE		DWG No.	
1 CP6 IN SIDEWALK ON NW CORNER OF DAYTONA AND DOMINION N=4750183.21 E=666109.502 ELEV=178.86		APPROVED BY				PLAN PROFILE		REV.	
2 CP7 ON NE CORNER OF DOMINION AND LAKEVIEW IN SIDEWALK N=4750194.150 E=666307.496 ELEV= 179.382								20-008 - PP2	
3 CP17 IN NORTHWEST CORNER OF FAIRVIEW AND DOMINION N=4750220.408 E=666470.387 ELEV=179.362								2	



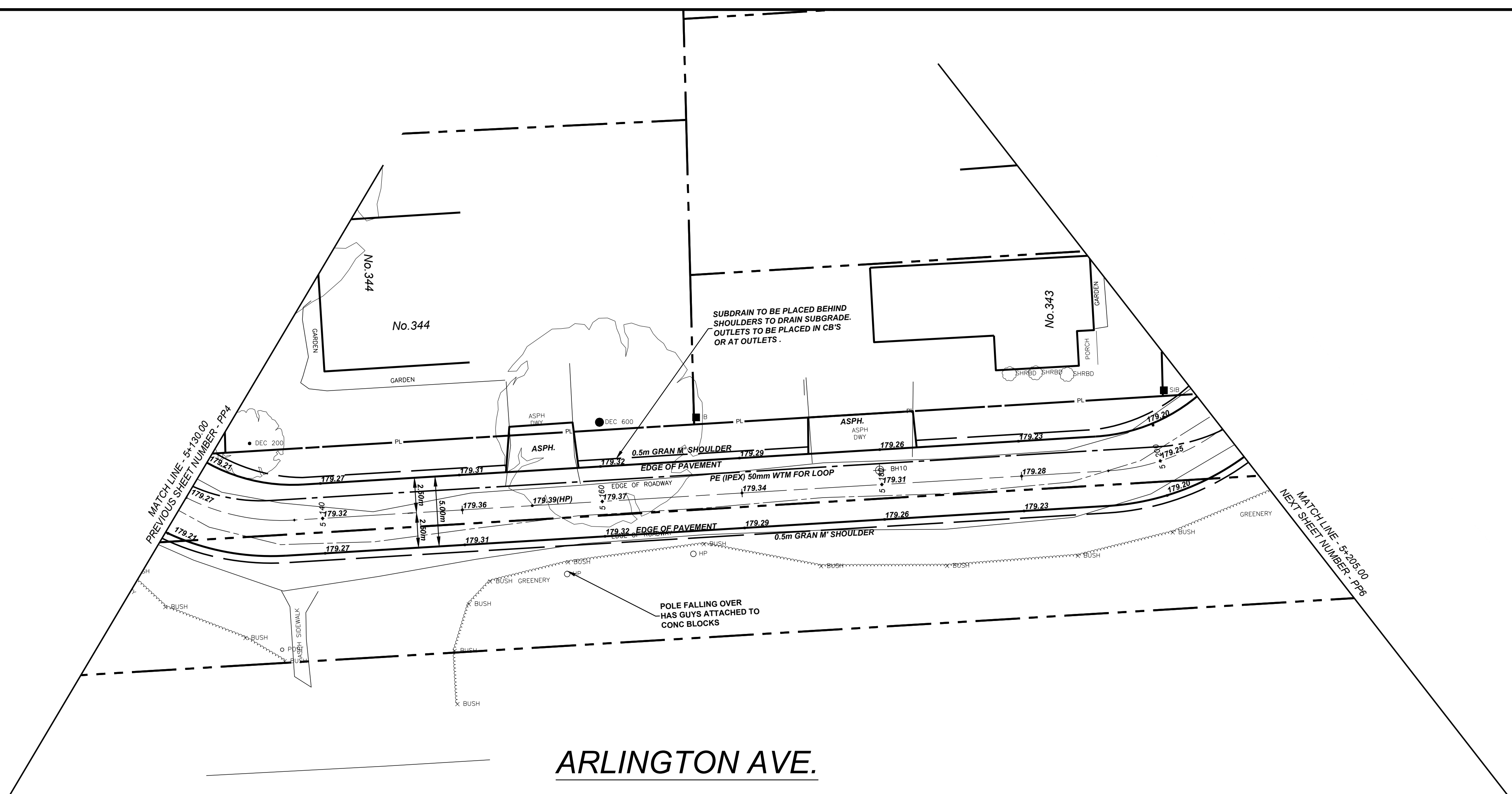
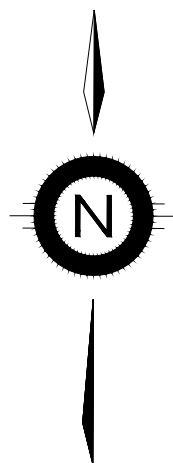
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				1 THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWER AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS AND, WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, THE CONTRACTOR SHALL INFORM HIMSELF OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.				DESIGN JJ																	
				2 PROPERTY LINES WERE PLOTTED USING REGISTERED PLANS AND BARS LOCATED IN THE FIELD. TO VERIFY THE ACCURACY OF THESE PROPERTY LINES, A LEGAL SURVEY SHOULD BE PERFORMED PRIOR TO CONSTRUCTION.				CHECKED BY JJ																	
				3 THIS DRAWING IS FOR ILLUSTRATIVE PURPOSES ONLY. KERRY T. HOWE ENGINEERING LTD. ASSUMES NO LIABILITY FOR USE IN ANY OTHER WAY. CAD FILES OF THIS DRAWING ARE NOT INTENDED BY THE ENGINEER FOR USE BY OTHERS. USERS OF THESE CAD FILES ASSUME ALL RISK AND RESPONSIBILITY FOR VERIFYING THE CORRECTNESS OF ALL INFORMATION FOR ANY USE.				APPROVED BY																	
2 ISSUED FOR TENDER OCT/20 TP BENCHMARK																									
1 ISSUED FOR REVIEW OCT/20 TP				1 CP6 IN SIDEWALK ON NW CORNER OF DAYTONA AND DOMINION N=4750183.21 E=666109.502 ELEV=178.86 2 CP9 ON NE CORNER OF DOMINION AND LAKEVIEW N=4750194.150 E=666607.496 ELEV=179.382 3 CP17 IN NORTHWEST CORNER OF FAIRVIEW AND DOMINION N=4750200.406 E=666470.387 ELEV=179.362																					
NO. REVISION DATE INIT.																									



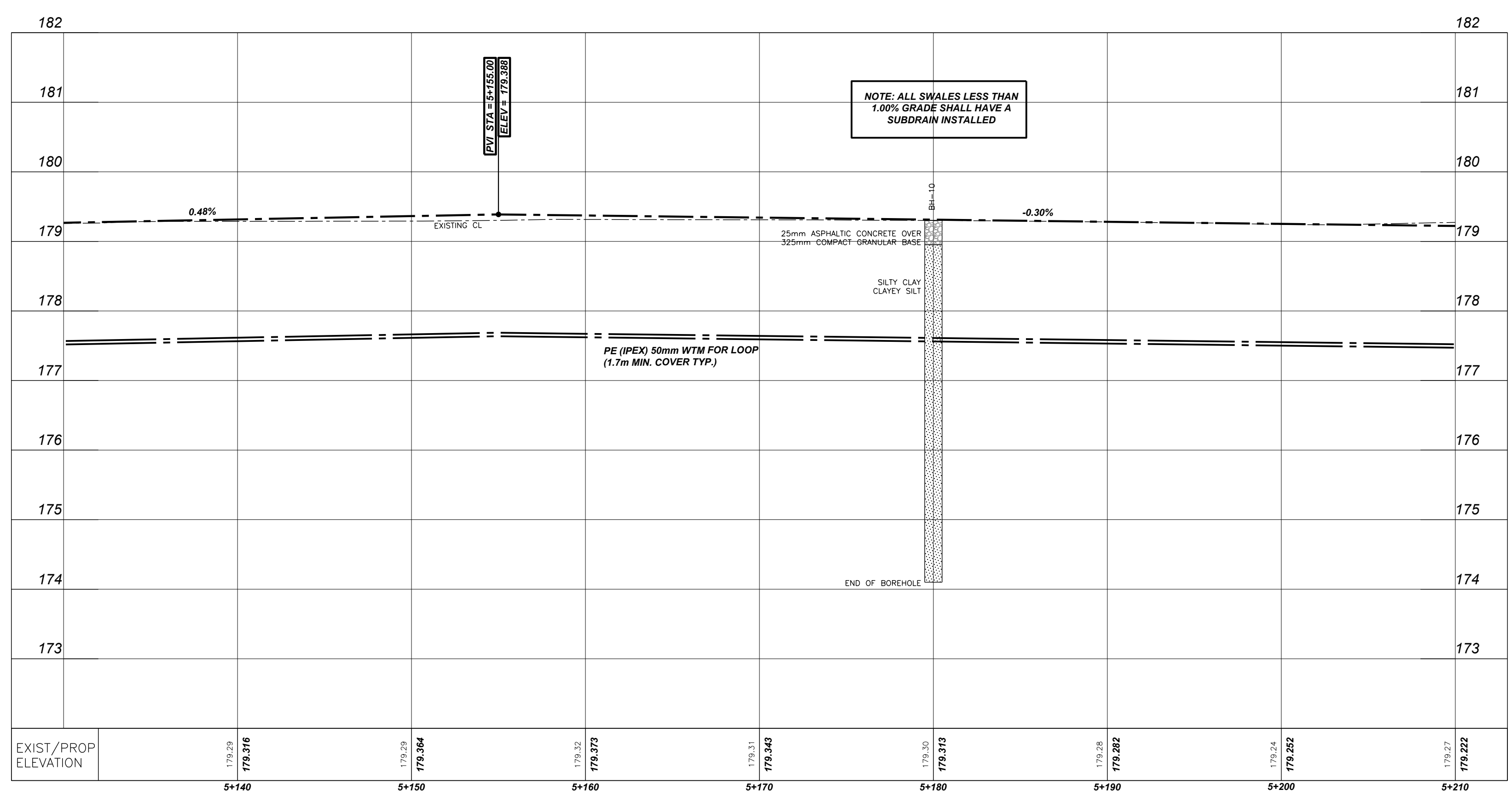
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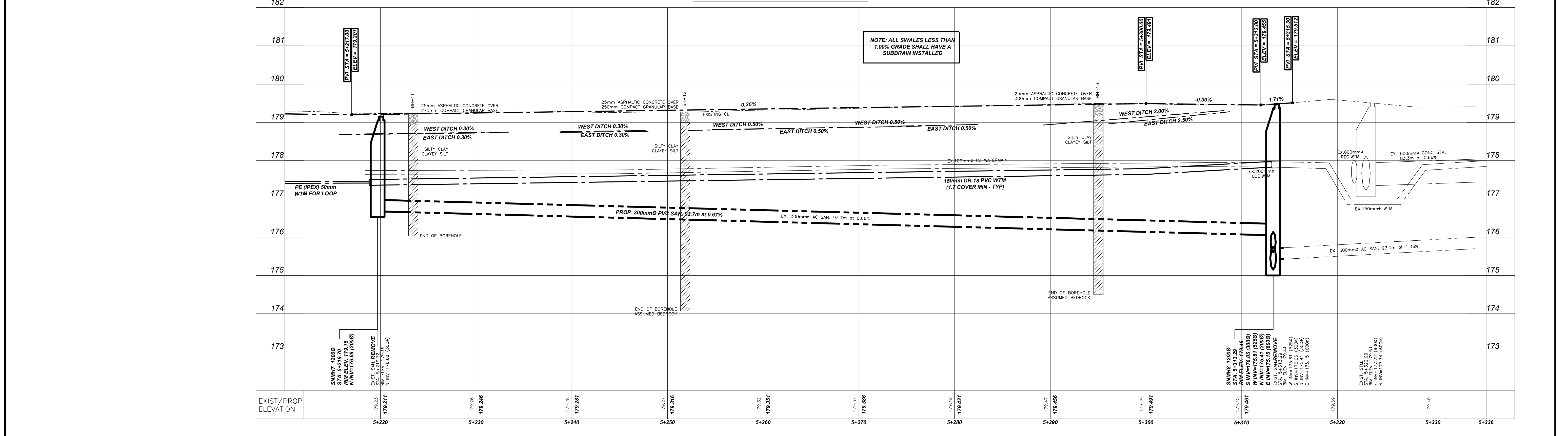
NOTES/LEGEND 1 THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWER AND OTHER UNDERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS AND, WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED BEFORE STARTING WORK. THE CONTRACTOR SHALL INFORM HIMSELF OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM. 2 PROPERTY LINES WERE PLOTTED USING REGISTERED PLANS AND BARS LOCATED IN THE FIELD. TO VERIFY THE ACCURACY OF THESE PROPERTY LINES, A LEGAL SURVEY SHOULD BE PERFORMED PRIOR TO CONSTRUCTION. 3 THIS DRAWING IS FOR ILLUSTRATIVE PURPOSES ONLY. KERRY T. HOWE ENGINEERING LTD. ASSUMES NO LIABILITY FOR USE IN ANY OTHER WAY. CAD FILES OF THIS DRAWING ARE NOT CERTIFIED BY THE ENGINEER FOR USE BY OTHERS. USERS OF THESE CAD FILES ASSUME ALL RISK AND RESPONSIBILITY FOR VERIFYING THE CORRECTNESS OF ALL INFORMATION FOR ANY USE.		DRAFTING TP DESIGN JJ CHECKED BY JJ APPROVED BY JJ		KERRY T. HOWE ENGINEERING LTD. CONSULTING ENGINEERS 98 Church Street St. Catharines, Ontario (905) 688-6550		FORT ERIE ONTARIO		ISE-20T-WMDE18 WTM DEAD END REPLACEMENT FERNDAL, DAYTONA, LAKEVIEW, GRANDVIEW, FAIRVIEW AND ROAD RECONSTRUCTION TOWN OF FORT ERIE PLAN PROFILE		CONSULTANT FILE No. 20-008 DATE OCT 2020 SCALE HOR 1:200 VER: 1:50 REF. No. ISE-20T-WMDE18 DWG No. 20-008 - PP4 REV. 2	
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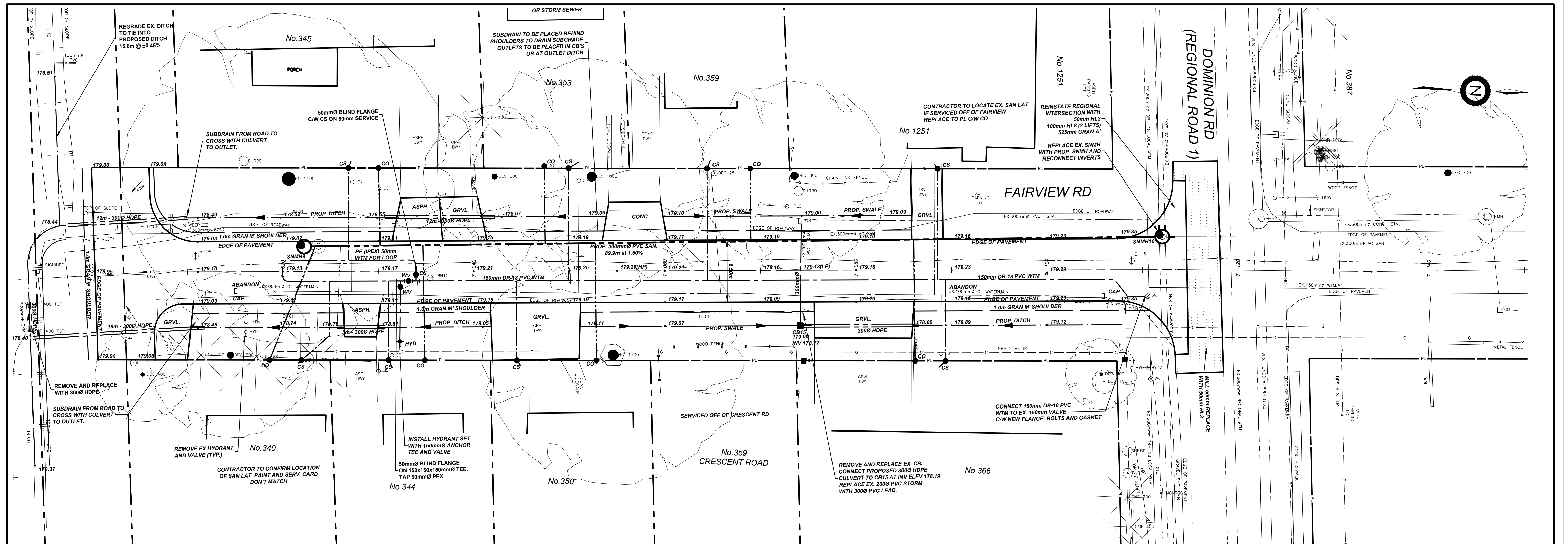
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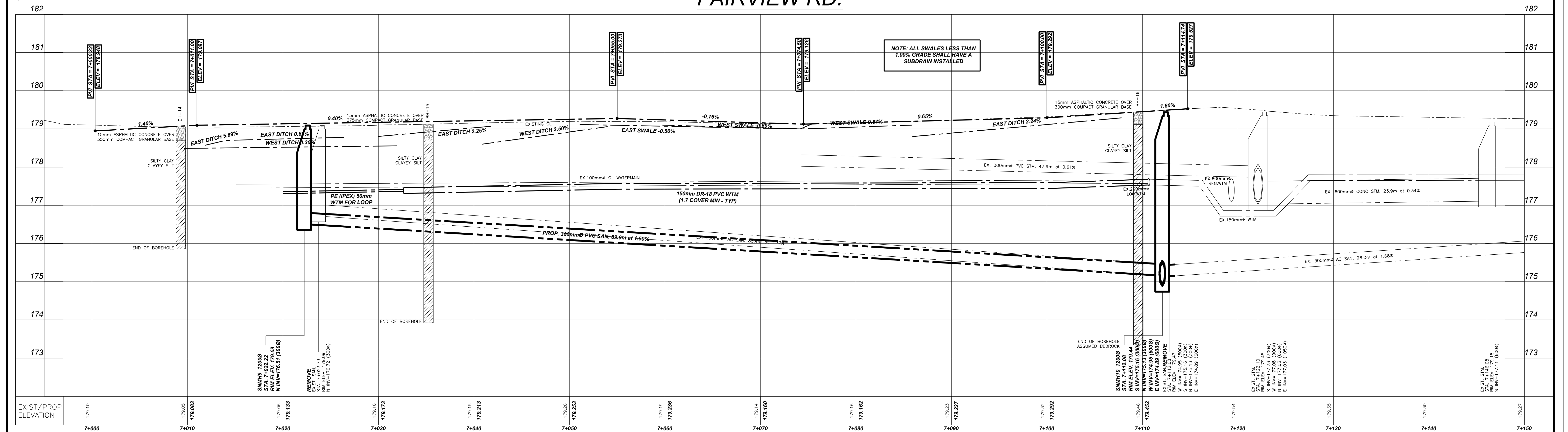
NOTES/LEGEND				DRAFTING		KERRY T. HOWE ENGINEERING LTD.		ISE-20T-WMDE18		CONSULTANT FILE No. 20-008	
1 THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWER AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS AND, WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED BEFORE STARTING WORK. THE CONTRACTOR SHALL INFORM HIMSELF OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.				TP		CONSULTING ENGINEERS		WTM DEAD END REPLACEMENT		DATE OCT 2020	
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BENCHMARK				JJ				TOWN OF FORT ERIE		REF. No. ISE-20T-WMDE18	
1 CP6 IN SIDEWALK ON NW CORNER OF DAYTONA AND DOMINION N=4750183.21 E=666109.502 ELEV=178.86				APPROVED BY				PLAN PROFILE		DWG No. 20-008 - PP5	
2 CP9 ON NE CORNER OD DOMINION AND LAKEVIEW IN SIDEWALK N=4750194.150 E=666307.496 ELEV= 179.382										REV. 2	
3 CP17 IN NORTHWEST CORNER OF FAIRVIEW AND DOMINION N=4750200.406 E=666470.387 ELEV=179.362											
NO. REVISION DATE INITI											
2 ISSUED FOR TENDER OCT/20 TP											
1 ISSUED FOR REVIEW OCT/ 20 TP											



				NOTES/LEGEND				DRAFTING		 KERRY J. HOWE ENGINEERING LTD. CONSULTING ENGINEERS 88 CROWN DRIVE SCARBOROUGH, ONTARIO M1V 4Y7 (905) 666-6500		CONSULTANT FILE No. 20-008			
				1 THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWER AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS AND WHERE SHOWN THE ACCURACY OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED BY THE ENGINEER.				TP				DATE OCT 2020			
				2 BEFORE STARTING WORK, THE CONTRACTOR SHALL INFORM HIMSELF OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.				DESIGN				SCALE HOR 1:200 VER: 1:50			
				3 ALL EXISTING LINES WERE FIELD LOCATED AND BARS LOCATED IN THE FIELD, TO VERIFY THE ACCURACY OF THESE PROPERTY LINES, A LEGAL SURVEYOR SHALL BE EMPLOYED TO PERFORM PROPERLY REGISTERED SURVEYS.				JJ				REF. No. ISE-20T-WMDE18			
				4 THIS DRAWING AND ANY INFORMATION CONTAINED HEREIN IS NOT TO BE USED FOR ANY OTHER PURPOSE AND THE ENGINEER ASSUMES NO LIABILITY FOR USE IN ANY OTHER WAY. THE FILES OF THIS DRAWING ARE NOT CERTIFIED BY THE ENGINEER FOR USE BY OTHERS. USERS OF THESE CAD FILES ASSUME ALL RISK AND RESPONSIBILITY FOR THE CORRECTNESS OF ALL INFORMATION FOR ANY USE.				JJ							
2 ISSUED FOR TENDER OCT/20 TP				BENCHMARK				CHECKED BY				ISE-20T-WMDE18 WTM DEAD END REPLACEMENT FERNDALDE, DAYTONA, LAKEVIEW, GRANDVIEW, FAIRVIEW AND ROAD RECONSTRUCTION TOWN OF FORT ERIE PLAN PROFILE			
1 ISSUED FOR REVIEW OCT/20 TP				1 CP6 IN SIDEWALK ON NW CORNER OF DAYTONA AND DOMINION N=4750183.21 E=666109.502 ELEV=179.866				JJ							
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				3 CP17 IN NORTHWEST CORNER OF FAIRVIEW AND DOMINION N=4750200.406 E=666470.378 ELEV=179.362											
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												REV. 2			



FAIRVIEW RD.



NOTES/LEGEND				
1	THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWER AND OTHER UNDERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS AND, WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED BEFORE STARTING WORK. THE CONTRACTOR SHALL INFORM HIMSELF OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.			
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1	CPI IN SIDEWALK ON NW CORNER OF DAYTONA AND DOMINION	N=4750183.21	E=666109.502	ELEV=178.86
2	CPI ON NE CORNER OF DOMINION AND LAKEVIEW IN SIDEWALK	N=4750194.150	E=666307.496	ELEV=179.382
3	CPI IN NW CORNER OF FAIRVIEW AND DOMINION	N=4750220.408	E=666470.387	ELEV=179.362

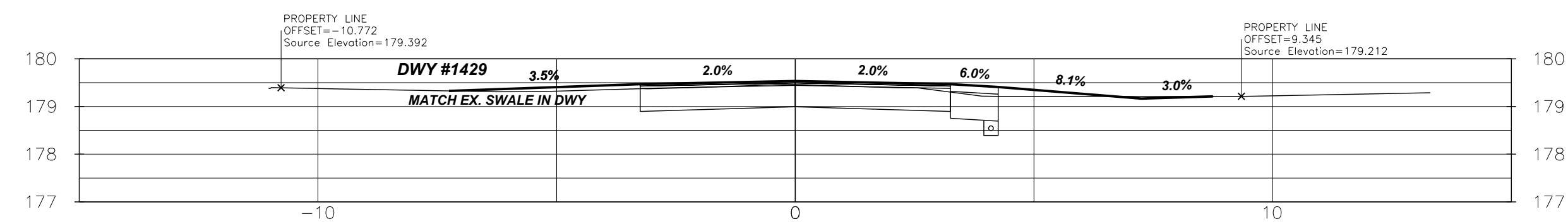
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NO.	REVISION	DATE	INIT.

DRAFTING			
TP	DESIGN	JJ	CHECKED BY
JJ	CHECKED BY	JJ	APPROVED BY

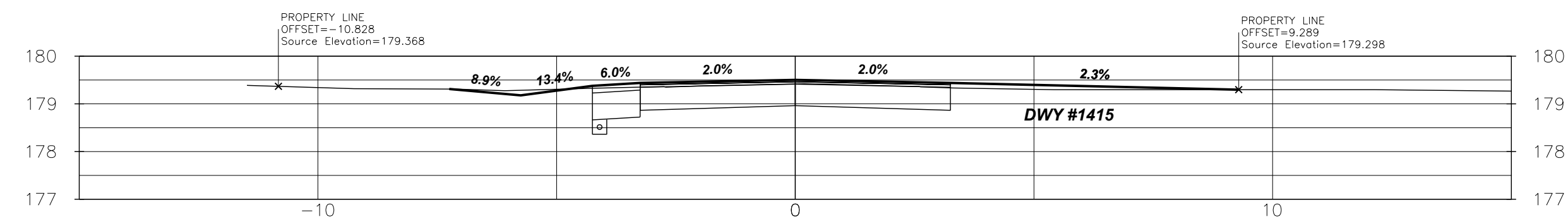
KERRY T. HOWE ENGINEERING LTD.			
CONSULTING ENGINEERS			
88 Church Street St. Catharines, Ontario (905) 688-6550			

FORT ERIE ONTARIO			
ISE-20T-WMDE18			
WTM DEAD END REPLACEMENT			
FERNDAL, DAYTONA, LAKEVIEW, GRANDVIEW, FAIRVIEW			
AND ROAD RECONSTRUCTION			
TOWN OF FORT ERIE			
PLAN PROFILE			

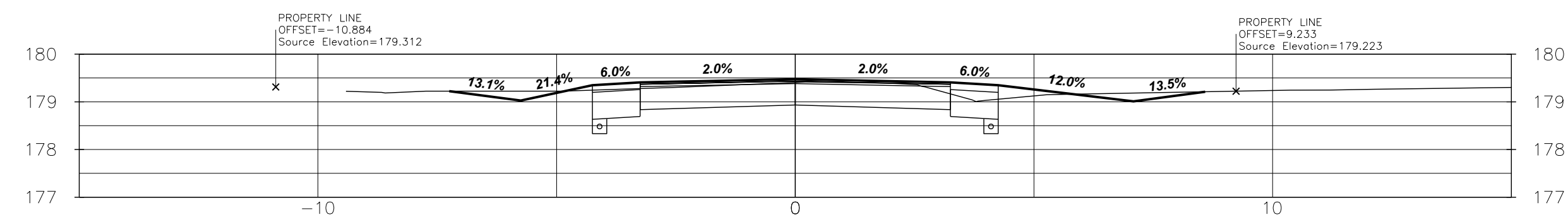
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REV.	2		



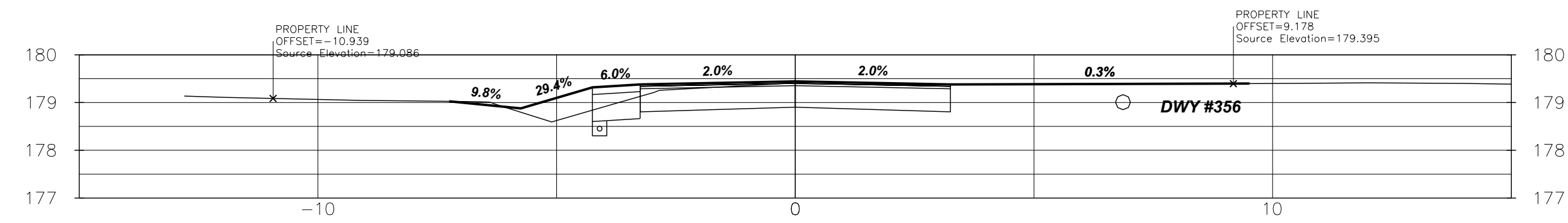
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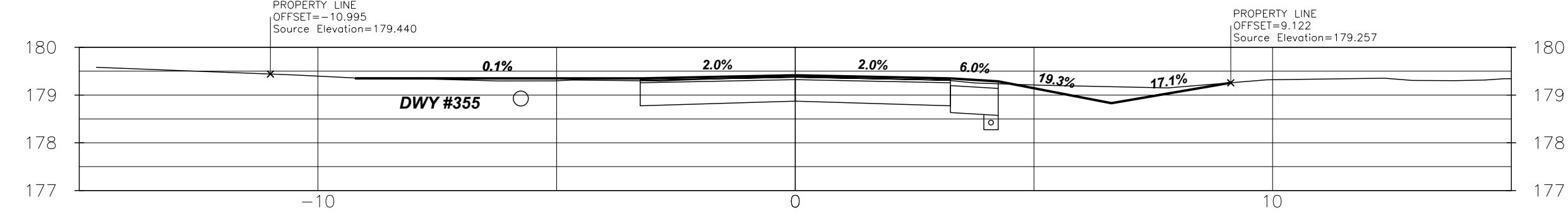
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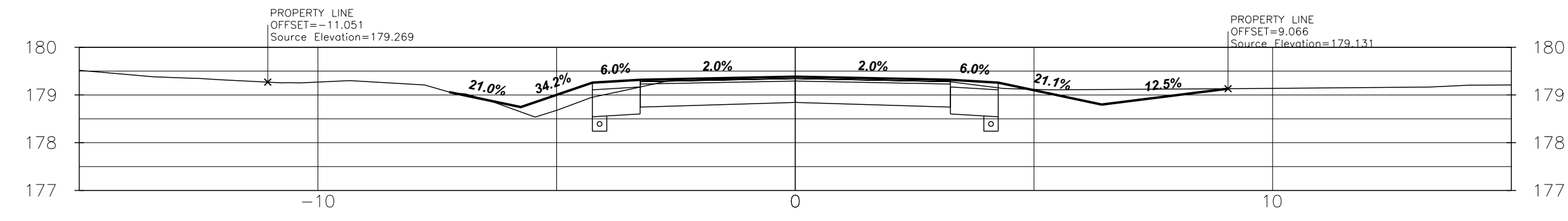
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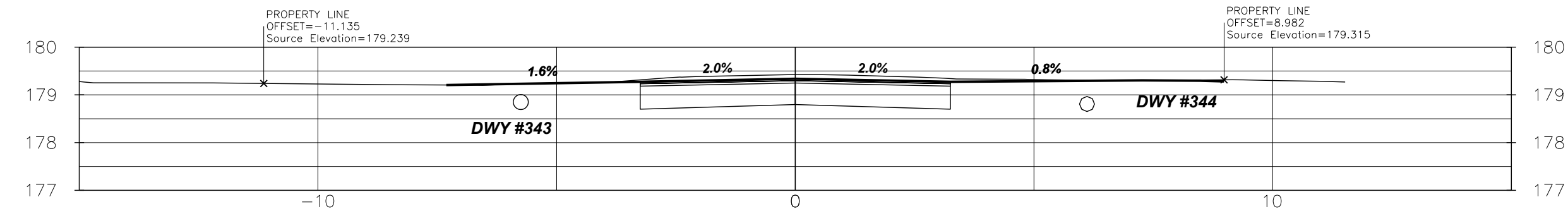
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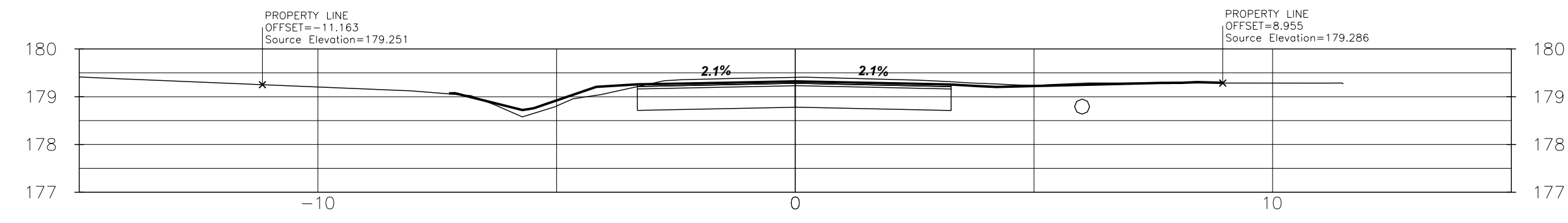
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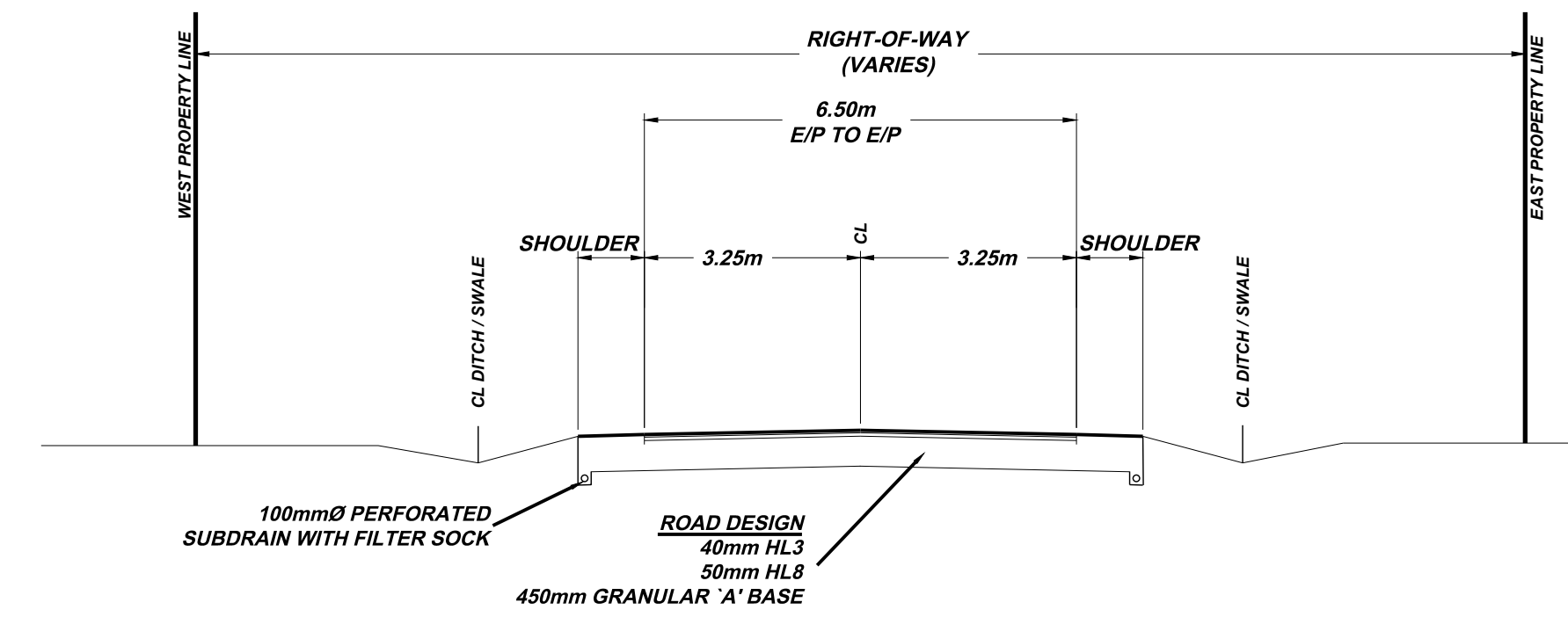
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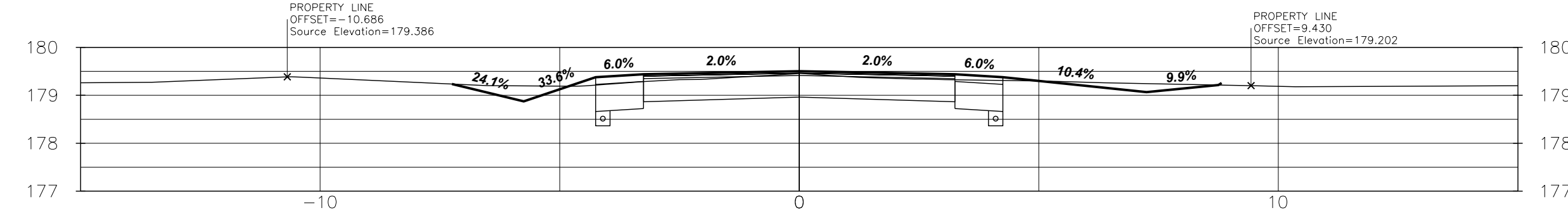
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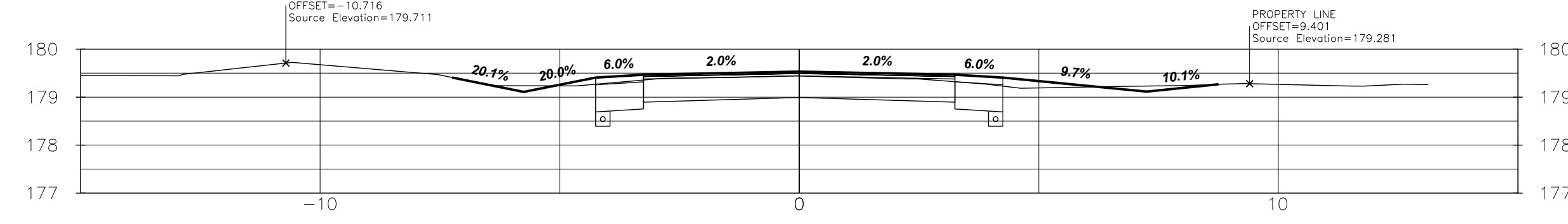
1+010



**WATERMAIN REPLACEMENT
(FERNDAL, DAYTONA, LAKEVIEW, , GRANDVIEW, FAIRVIEW)
AND ROAD RECONSTRUCTION
TYPICAL CROSS SECTION**



1+100

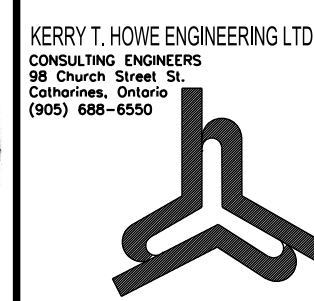
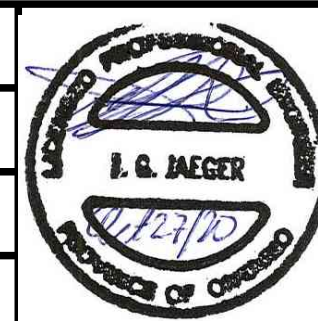


1+090

FERNDAL SECTIONS

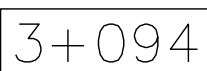
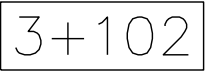
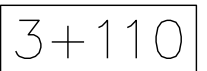
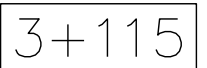
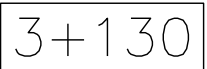
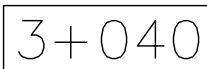
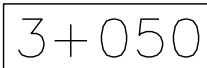
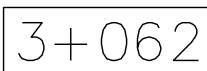
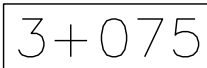
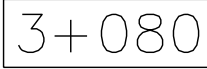
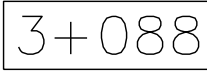
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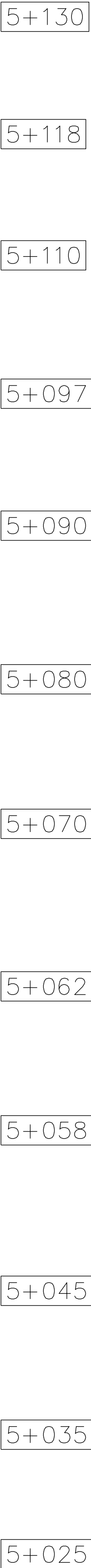
**ISE-20T-WMDE18
WTM DEAD END REPLACEMENT
FERNDAL, DAYTONA, LAKEVIEW, GRANDVIEW, FAIRVIEW
AND ROAD RECONSTRUCTION
TOWN OF FORT ERIE
CROSS SECTIONS**

CONSULTANT FILE No. 20-008	
DATE	OCT 2020
SCALE	HOR 1:200 VER: 1:50
REF. No.	ISE-20T-WMDE18
DWG No.	20-008 - XS1
REV.	2



DAYTONA SECTIONS

				NOTES/LEGEND 1 THE POSITION OF POLE LINES, CONDUITS, WATERMANS, SEWER AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS AND, WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, THE CONTRACTOR SHALL INFORM HIMSELF OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM. 2 PROPERTY LINES WERE PLOTTED USING REGISTERED PLANS AND BARS LOCATED IN THE FIELD. TO VERIFY THE ACCURACY OF THESE PROPERTY LINES, A LEGAL SURVEY SHOULD BE PERFORMED PRIOR TO CONSTRUCTION. BENCHMARK VERTICAL MONUMENT: ---- ELEV. ---- ELEV. ---- DATUM: ---- GEOGRAPHIC PROJECTION: U.T.M. NAD 83 ZONE 17				DRAFTING TP DESIGN JJ CHECKED BY JJ APPROVED BY		 						ISE-20T-WMDE18 WTM DEAD END REPLACEMENT FERNDALDE, DAYTONA, LAKEVIEW, GRANDVIEW, FAIRVIEW AND ROAD RECONSTRUCTION TOWN OF FORT ERIE CROSS SECTIONS				CONSULTANT FILE No. 20-008 DATE OCT 2020 SCALE HOR 1:200 VER: 1:50 REF. No. ISE-20T-WMDE18 DWG. No. 20-008 - XS2 REV. 2	
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LAKEVIEW/ARLINGTON/GRANDVIEW SECTIONS

						NOTES/LEGEND
						1 THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWER AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS AND, WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED.
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						GEOGRAPHIC PROJECTION: U.T.M. NAD 83 ZONE 17
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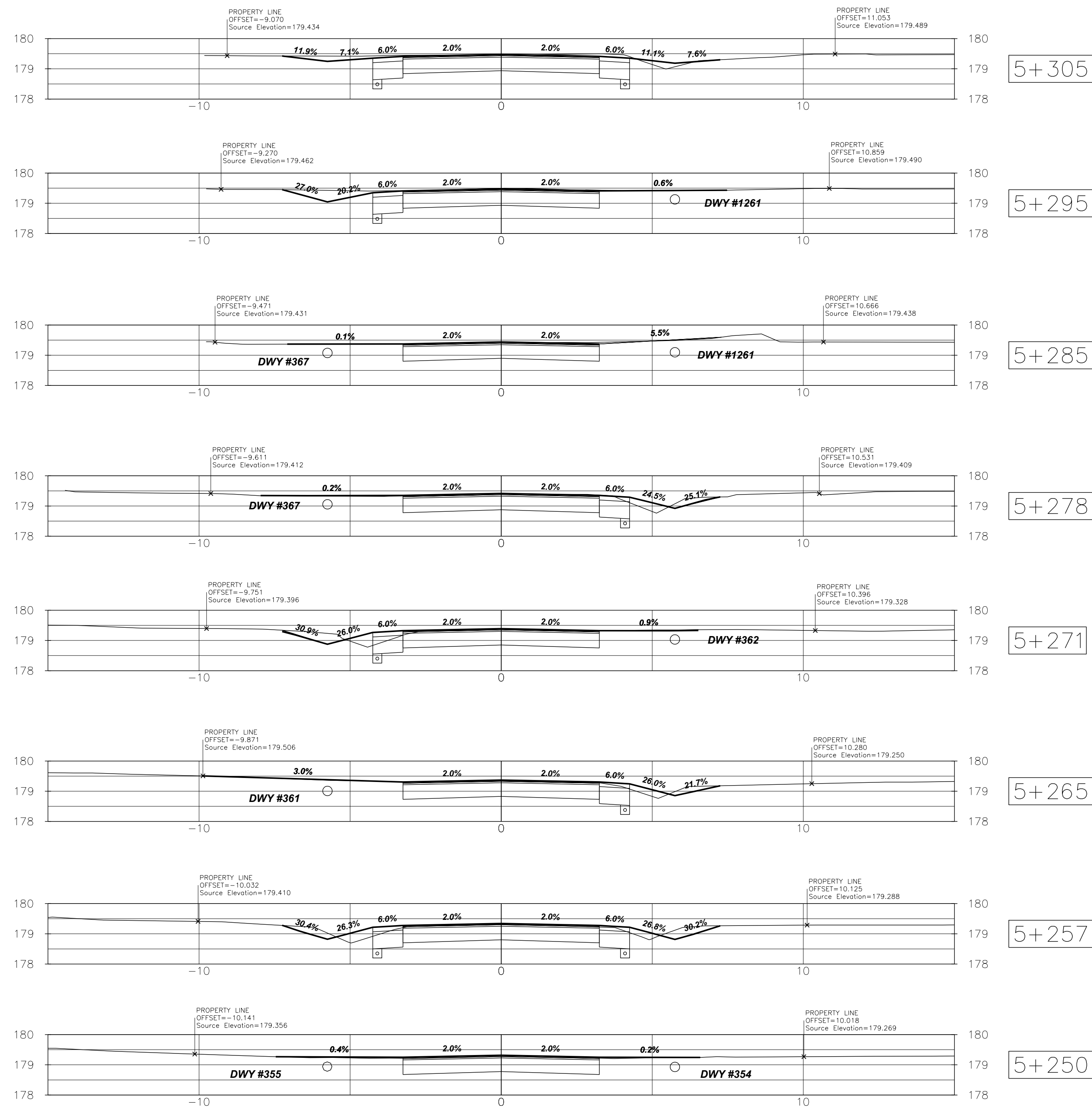


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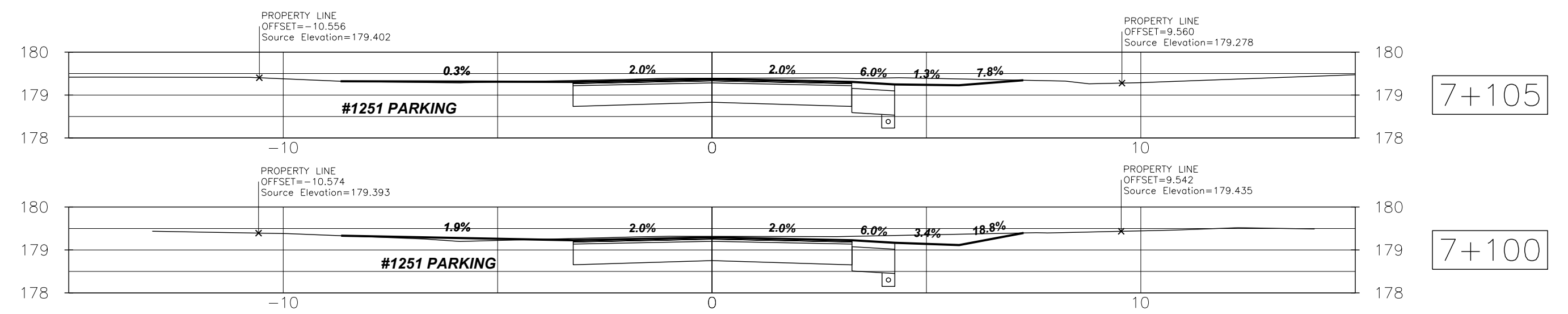
ISE-20T-WMDE18
WTM DEAD END REPLACEMENT
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TOWN OF FORT ERIE
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CONSULTANT FILE No. 20-008	
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LAKEVIEW/ARLINGTON/GRANDVIEW SECTIONS

NOTES/LEGEND				DRAFTING					ISE-20T-WMDE18 WTM DEAD END REPLACEMENT FERNDAL, DAYTONA, LAKEVIEW, GRANDVIEW, FAIRVIEW AND ROAD RECONSTRUCTION TOWN OF FORT ERIE CROSS SECTIONS	CONSULTANT FILE No. 20-008	
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FAIRVIEW SECTIONS

				NOTES/LEGEND		DRAFTING					ISE-20T-WMDE18 WTM DEAD END REPLACEMENT FERNDAL, DAYTONA, LAKEVIEW, GRANDVIEW, FAIRVIEW AND ROAD RECONSTRUCTION TOWN OF FORT ERIE CROSS SECTIONS			CONSULTANT FILE No. 20-008			
				1 THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWER AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS AND, WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, THE CONTRACTOR SHALL INFORM HIMSELF OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.		TP								DATE		OCT 2020	
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