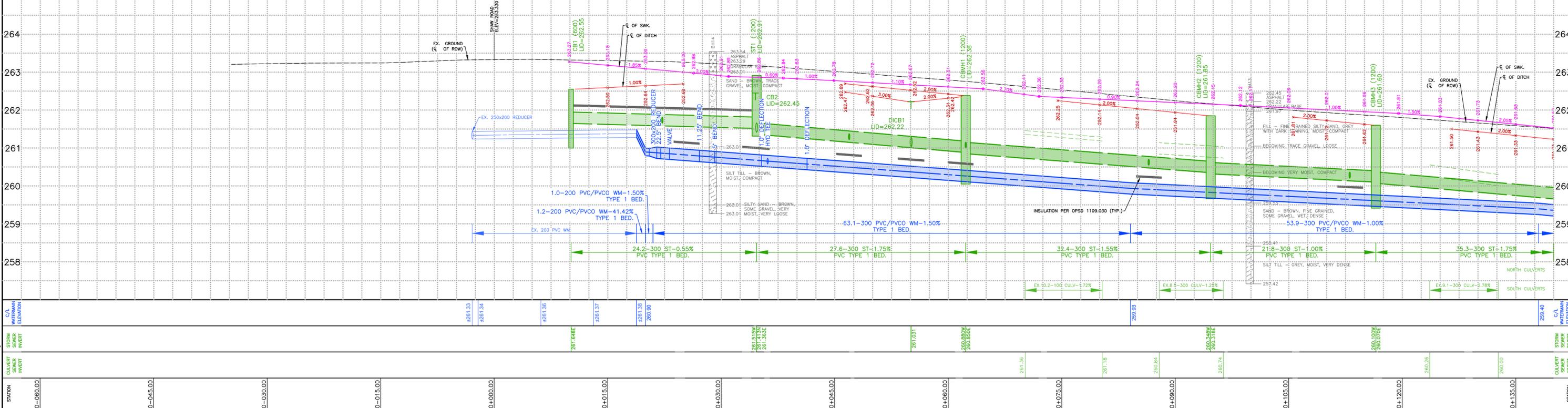


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CATHERINE STREET

TAG	OVER	UNDER	VERTICAL SEPARATION	NOTES
1	300 STM INV = 261.57	300 WM OBV = 260.97	0.60	*1
2	250 STM INV = 261.43	300 WM OBV = 260.83	0.61	*1
3	150 STM INV = 261.29	300 WM OBV = 260.64	0.64	*1
4	250 STM INV = 261.12	300 WM OBV = 260.52	0.60	*1
5	150 STM INV = 261.06	300 WM OBV = 260.42	0.64	*1
6	150 STM INV = 260.66	300 WM OBV = 260.06	0.60	*1
7	150 STM INV = 260.40	300 WM OBV = 259.80	0.60	*1

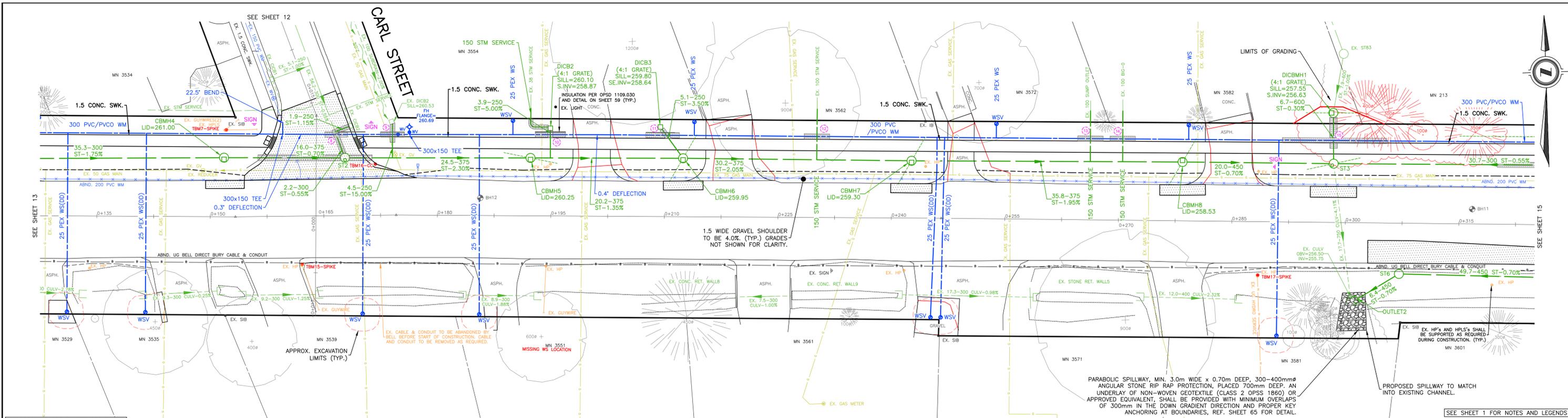
SEE SHEET 1 FOR NOTES AND LEGENDS.
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STATION	EXISTING SERVICES	DRAWING #, SOURCE	DATE	AS CONSTRUCTED SERVICES	COMPLETION	DETAILS	No.	REVISIONS	DATE	CONSULTANT
0+060.00	WATERMAIN	PORTER SUBDIV. WATER SYSTEM H.M. GIBSON LTD.	APRIL 1973			DESIGN BY RAS	1	50% SUBMISSION	AUG. 01/2024	DEVENG
0+045.00	WATERMAIN	SHAW ROAD WATERMAIN INSTALLATION AECOM	JUNE 2014			DRAWN BY RAS	2	90% SUBMISSION	AUG. 20/2025	DEVENG
0+030.00	STORM STRUCTURES & CULVERTS	DEVELOPMENT ENGINEERING LTD. (SURVEYED)	FEBRUARY 2024			CHECKED BY JFB/JIS F.B.K. P25	3	100% SUBMISSION	FEB. **/2026	DEVENG
0+015.00	BELL & ROGERS	TELECON	APRIL 2024							
0+000.00	GAS	ENBRIDGE	JUNE 2024							

CONSULTANT OR DIVISION	ENGINEER'S STAMP	SCALE	TITLE
London Office 41 Adelaide St. N., Unit 71 (519) 672-5310 development engineering (London) Limited CONSULTING CIVIL ENGINEERS		HORIZONTAL - 1:250 2.5 0 5m VERTICAL - 1:50 0.5 0 1m	PORTER SUBDIVISION WATERMAIN REPLACEMENT - PHASE 3 DORCHESTER, ONTARIO PROPOSED CONSTRUCTION CATHERINE STREET FROM STA. 0+060.42 TO STA. 0+137.31

PROJECT No.	DEL20-003PH3
SHEET No.	13
PLAN FILE No.	

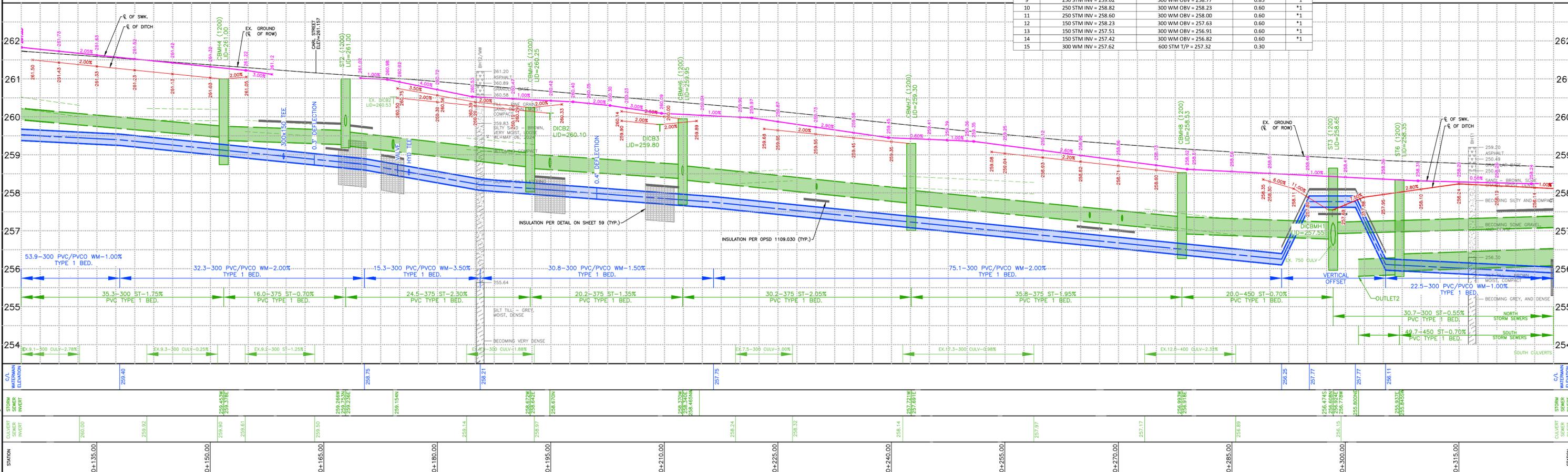


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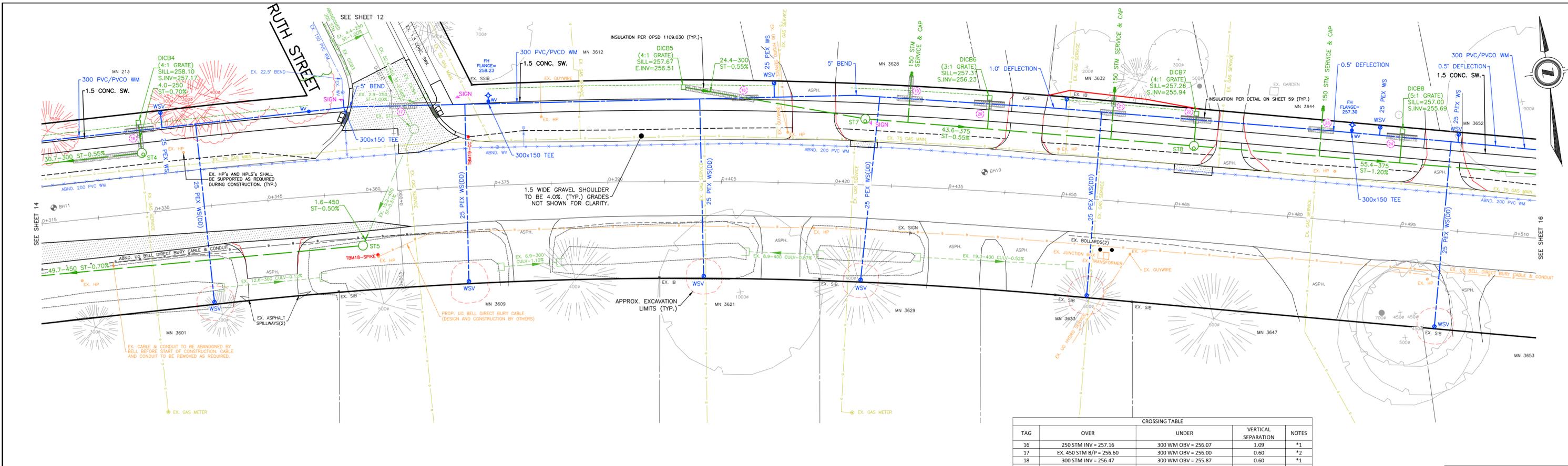
CATHERINE STREET

TAG	OVER	UNDER	VERTICAL SEPARATION	NOTES
8	EX. 300 STM INV = 259.77	300 WM OBV = 258.97	0.80	*1
9	250 STM INV = 259.62	300 WM OBV = 258.77	0.85	*1
10	250 STM INV = 258.82	300 WM OBV = 258.23	0.60	*1
11	250 STM INV = 258.60	300 WM OBV = 258.00	0.60	*1
12	150 STM INV = 258.23	300 WM OBV = 257.63	0.60	*1
13	150 STM INV = 257.51	300 WM OBV = 256.91	0.60	*1
14	150 STM INV = 257.42	300 WM OBV = 256.82	0.60	*1
15	300 WM INV = 257.62	600 STM T/P = 257.32	0.30	

ASPHALT RESTORATIONS ARE SHOWN BASED ON A 1:1 OPEN CUT TRENCH. ANY DISTURBANCE OF THE CATHERINE STREET ASPHALT TO BE STRICTLY AVOIDED. CONTRACTOR TO UTILIZE A TRENCH BOX OR TRENCHLESS METHODS AS APPROVED BY THE GEOTECHNICAL ENGINEER. CONTRACTOR TO SUBMIT A WORK PLAN SUBJECT TO APPROVAL BY THE CONTRACT ADMINISTRATOR PRIOR TO CONSTRUCTION.



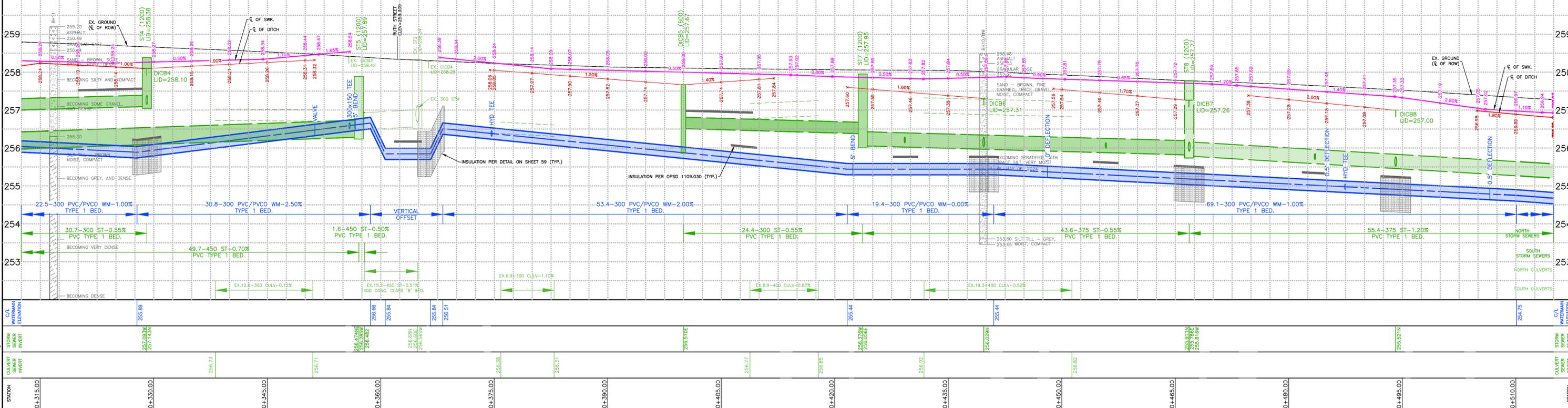
<table border="1"> <tr> <th>STATION</th> <th>EXISTING SERVICES</th> <th>DRAWING #, SOURCE</th> <th>DATE</th> <th>AS CONSTRUCTED SERVICES</th> <th>COMPLETION</th> <th>DETAILS</th> <th>No.</th> <th>REVISIONS</th> <th>DATE</th> <th>CONSULTANT</th> </tr> <tr> <td>0+135.00</td> <td>WATERMAIN</td> <td>PORTER SUBDIV. WATER SYSTEM</td> <td>APRIL 1973</td> <td></td> <td></td> <td>DESIGN BY RAS</td> <td>1</td> <td>50% SUBMISSION</td> <td>AUG. 01/2024</td> <td>DEVENG</td> </tr> <tr> <td>0+150.00</td> <td>STORM SEWERS</td> <td>PORTER SUBDIV. MUNICIPAL DRAIN W.J. BARTLETT AND ASSOCIATES LTD.</td> <td>JULY 1979</td> <td></td> <td></td> <td>CHECKED BY JFB/JS</td> <td>2</td> <td>90% SUBMISSION</td> <td>AUG. 20/2023</td> <td>DEVENG</td> </tr> <tr> <td>0+165.00</td> <td>STORM STRUCTURES & CULVERTS</td> <td>DEVELOPMENT ENGINEERING LTD. (SURVEYED)</td> <td>FEBRUARY 2024</td> <td></td> <td></td> <td>F.B.K. P25</td> <td>3</td> <td>100% SUBMISSION</td> <td>FEB. **/2026</td> <td>DEVENG</td> </tr> <tr> <td>0+180.00</td> <td>BELL</td> <td>TELECOM</td> <td>APRIL 2024</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>0+195.00</td> <td>GAS</td> <td>ENBRIDGE</td> <td>JUNE 2024</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	STATION	EXISTING SERVICES	DRAWING #, SOURCE	DATE	AS CONSTRUCTED SERVICES	COMPLETION	DETAILS	No.	REVISIONS	DATE	CONSULTANT	0+135.00	WATERMAIN	PORTER SUBDIV. WATER SYSTEM	APRIL 1973			DESIGN BY RAS	1	50% SUBMISSION	AUG. 01/2024	DEVENG	0+150.00	STORM SEWERS	PORTER SUBDIV. MUNICIPAL DRAIN W.J. BARTLETT AND ASSOCIATES LTD.	JULY 1979			CHECKED BY JFB/JS	2	90% SUBMISSION	AUG. 20/2023	DEVENG	0+165.00	STORM STRUCTURES & CULVERTS	DEVELOPMENT ENGINEERING LTD. (SURVEYED)	FEBRUARY 2024			F.B.K. P25	3	100% SUBMISSION	FEB. **/2026	DEVENG	0+180.00	BELL	TELECOM	APRIL 2024								0+195.00	GAS	ENBRIDGE	JUNE 2024								<p>London Office 41 Adelaide St. N., Unit 71 (519) 672-6310</p> <p>Paris Office 31 Mechanic St., Unit 301 (519) 442-1441</p> <p>development engineering (London) Limited CONSULTING CIVIL ENGINEERS</p>	<p>ENGINEER'S STAMP</p> <p>SCALE HORIZONTAL - 1:250 VERTICAL - 1:50</p> <p>TITLE PORTER SUBDIVISION WATERMAIN REPLACEMENT - PHASE 3 DORCHESTER, ONTARIO</p> <p>PROJECT No. DEL20-003PH3</p> <p>SHEET No. 14</p> <p>PLAN FILE No.</p>
STATION	EXISTING SERVICES	DRAWING #, SOURCE	DATE	AS CONSTRUCTED SERVICES	COMPLETION	DETAILS	No.	REVISIONS	DATE	CONSULTANT																																																										
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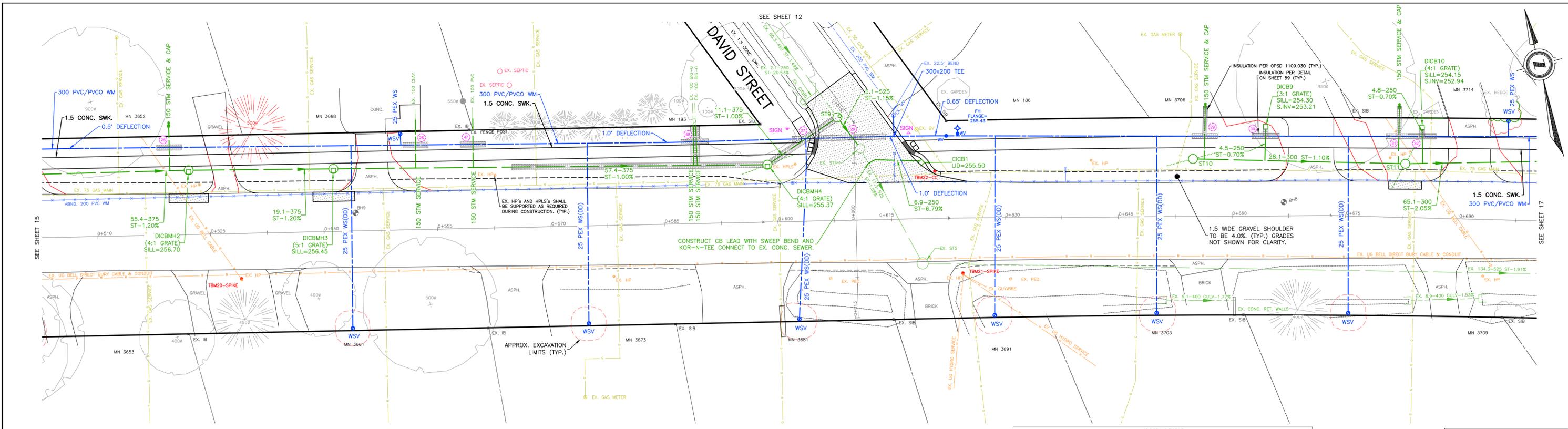
CATHERINE STREET

SEE SHEET 1 FOR NOTES AND LEGENDS.
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EXISTING SERVICES	DRAWING #	SOURCE	DATE	AS CONSTRUCTED SERVICES	COMPLETION	DETAILS	No.	REVISIONS	DATE	CONSULTANT																																																																									
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revised Feb. 10/24-11:18pm - P&P - PUM.DWG



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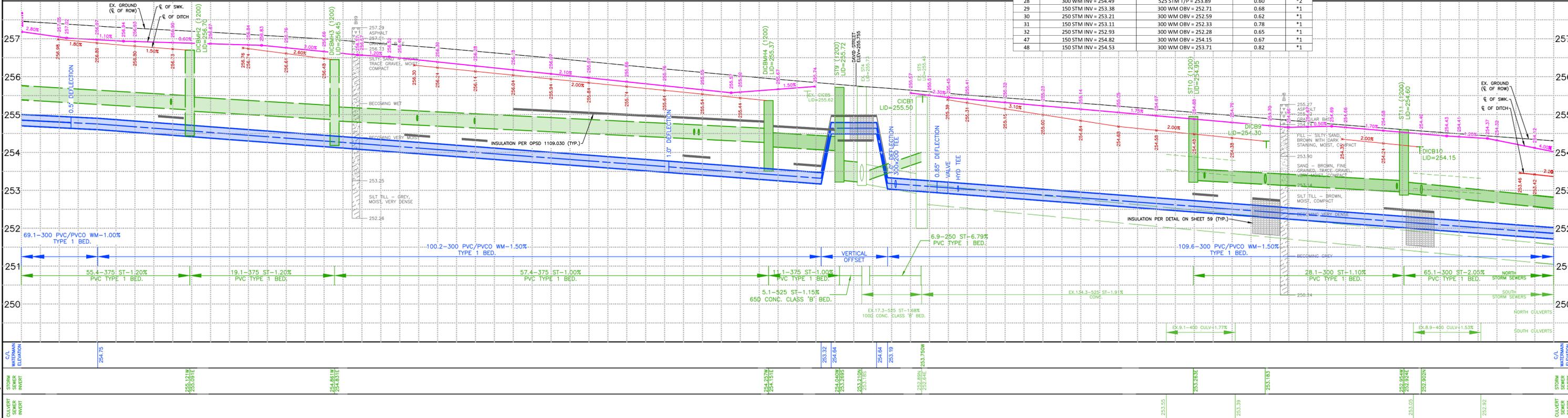
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CATHERINE STREET

TAG	OVER	UNDER	VERTICAL SEPARATION	NOTES
25	150 STM INV = 255.36	300 WM OBV = 254.76	0.60	*1
26	150 STM INV = 254.89	300 WM OBV = 254.27	0.62	*1
27	450 STM INV = 254.10	300 WM OBV = 253.49	0.61	*1
28	300 WM INV = 254.49	525 STM T/P = 253.89	0.60	*2
29	150 STM INV = 253.38	300 WM OBV = 252.71	0.68	*1
30	250 STM INV = 253.21	300 WM OBV = 252.59	0.62	*1
31	150 STM INV = 253.11	300 WM OBV = 252.33	0.78	*1
32	250 STM INV = 252.99	300 WM OBV = 252.28	0.65	*1
47	150 STM INV = 254.82	300 WM OBV = 254.15	0.67	*1
48	150 STM INV = 254.53	300 WM OBV = 253.71	0.82	*1

SEE SHEET 1 FOR NOTES AND LEGENDS

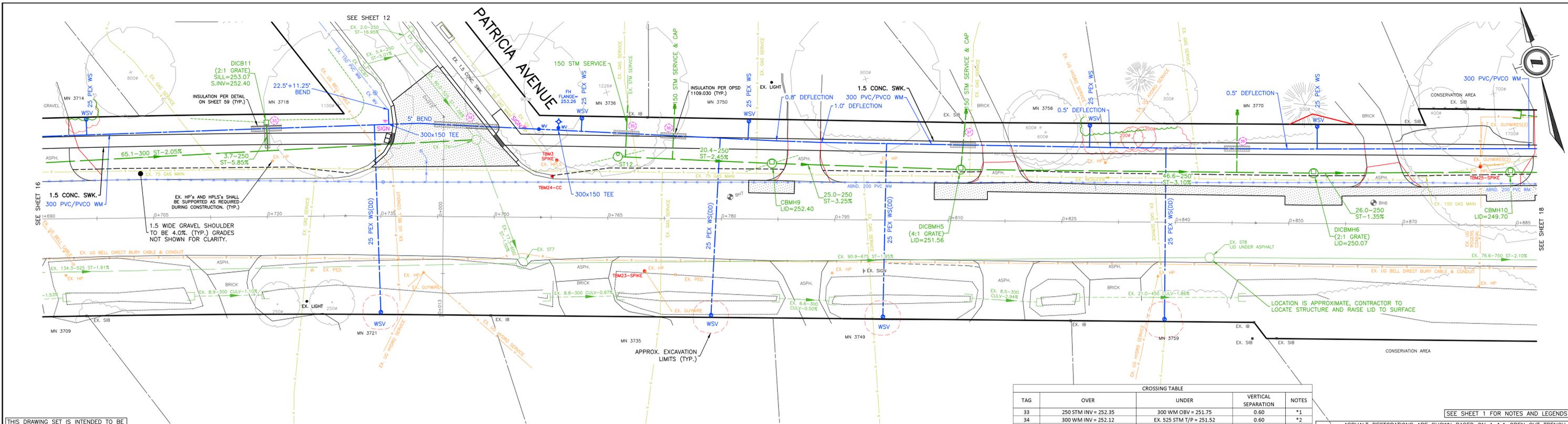
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0+510.00	WATERMAIN	PORTER SUBDIV. WATER SYSTEM	APRIL 1973			DESIGN BY RAS	1	50% SUBMISSION	AUG. 01/2024	DEVENG
0+510.00	STORM SEWERS	PORTER SUBDIV. MUNICIPAL DRAIN	JULY 1979			DRAWN BY RAS	2	90% SUBMISSION	AUG. 20/2025	DEVENG
0+510.00	STORM STRUCTURES & CULVERTS	DEVELOPMENT ENGINEERING LTD. (SURVEYED)	FEBRUARY 2024			CHECKED BY JPB/JIS	3	100% SUBMISSION	FEB. **/2026	DEVENG
0+510.00	BELL	TELECOM	APRIL 2024			F.B.K. P25				
0+510.00	GAS	ENBRIDGE	JUNE 2024							

CONSULTANT OR DIVISION	ENGINEER'S STAMP	SCALE	TITLE	PROJECT No.
London Office 41 Adelaide St. N., Unit 71 (519) 672-8310	development engineering (London) Limited CONSULTING CIVIL ENGINEERS	HORIZONTAL - 1:250 2.5 0 5m VERTICAL - 1:50 0.5 0 1m	PORTER SUBDIVISION WATERMAIN REPLACEMENT - PHASE 3 DORCHESTER, ONTARIO PROPOSED CONSTRUCTION CATHERINE STREET FROM STA. 0+502.73 TO STA. 0+699.78	DEL20-003PH3 SHEET No. 16 PLAN FILE No.

revisions Feb.10/24-1:18pm DEL20-003PH3 - P&P - PUM.DWG

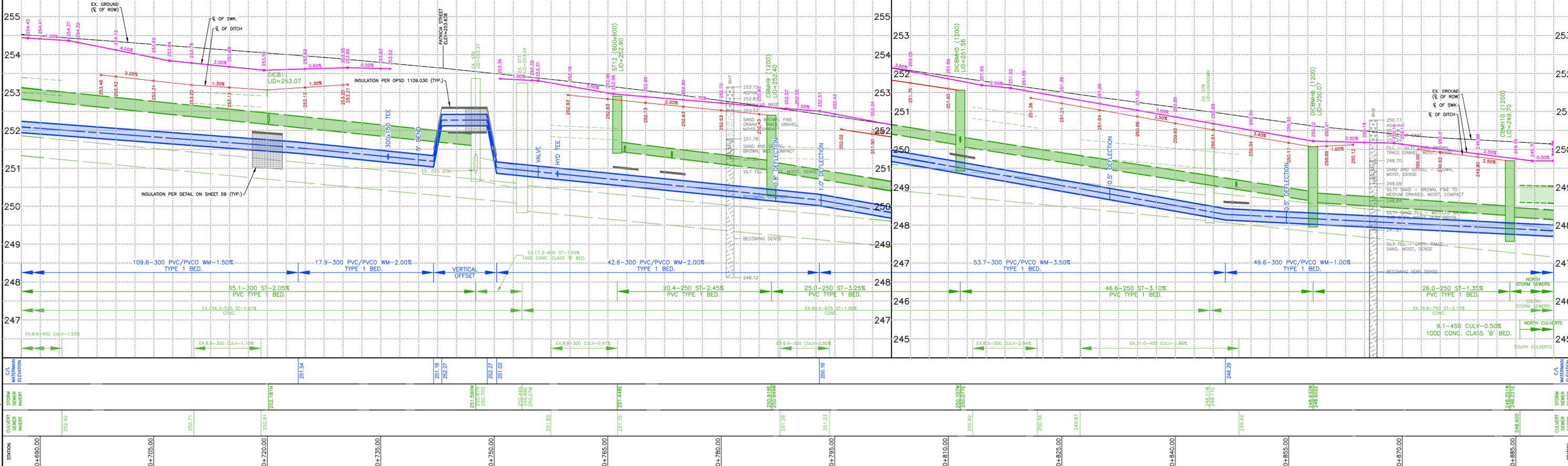


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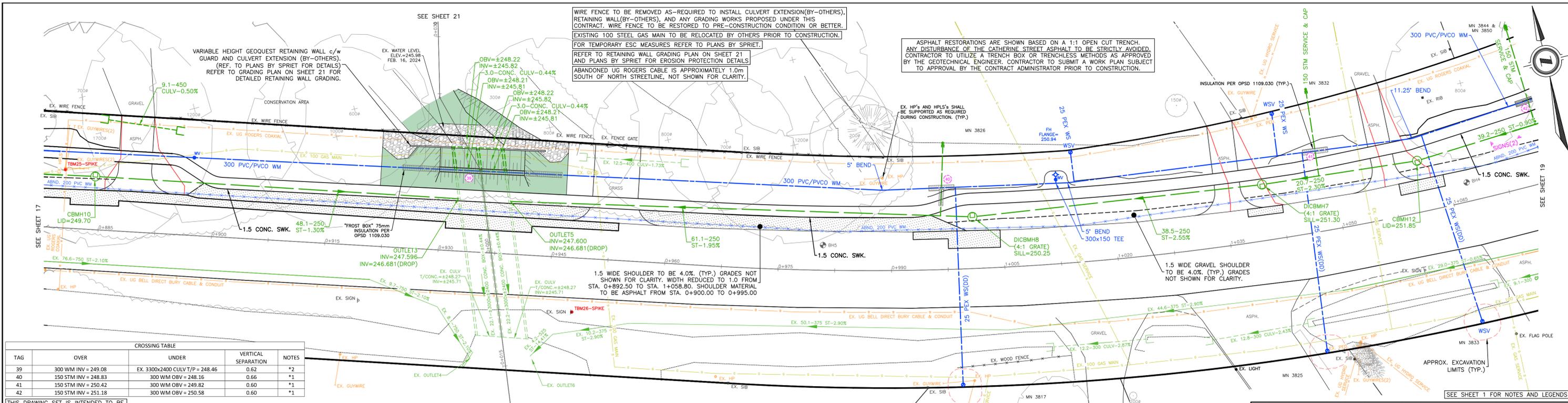
CATHERINE STREET

TAG	OVER	UNDER	VERTICAL SEPARATION	NOTES
33	250 STM INV = 252.35	300 WM OBV = 251.75	0.60	*1
34	300 WM INV = 252.12	EX. 525 STM T/P = 251.52	0.60	*2
35	150 STM INV = 251.51	300 WM OBV = 250.83	0.69	*1
36	150 STM INV = 251.36	300 WM OBV = 250.70	0.66	*1
37	150 STM INV = 250.25	300 WM OBV = 249.65	0.60	*1
38	150 STM INV = 249.03	300 WM OBV = 248.41	0.63	*1

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STATION	0+690.00	0+705.00	0+720.00	0+735.00	0+750.00	0+765.00	0+780.00	0+795.00	0+810.00	0+825.00	0+840.00	0+855.00	0+870.00	0+885.00	STATION
EXISTING SERVICES	WATERMAIN		STORM SEWERS		STORM STRUCTURES & CULVERTS		BELL & ROGERS		GAS						
DRAWING #	PORTER SUBDIV. WATER SYSTEM		PORTER SUBDIV. MUNICIPAL DRAIN		DEVELOPMENT ENGINEERING LTD. (SURVEYED)		TELECON		ENBRIDGE						
SOURCE	H.M. GIBSON LTD.		W.J. BARTLETT AND ASSOCIATES LTD.		DEVELOPMENT ENGINEERING LTD. (SURVEYED)		TELECON		ENBRIDGE						
DATE	APRIL 1973		JULY 1979		FEBRUARY 2024		APRIL 2024		JUNE 2024						
AS CONSTRUCTED SERVICES															
COMPLETION															
DETAILS	DESIGN BY RAS		DRAWN BY RAS		CHECKED BY JRB/JS		F.B.K. P25								
No.	1		2		3										
REVISIONS	50% SUBMISSION		90% SUBMISSION		100% SUBMISSION										
DATE	AUG. 01/2024		AUG. 20/2025		FEB. 11/2026										
CONSULTANT	DEV		DEV		DEV										
CONSULTANT OR DIVISION	London Office 41 Adelaide St. N., Unit 71 (519) 672-5310		Paris Office 31 Mechanic St., Unit 301 (519) 442-1441		development engineering (London) Limited CONSULTING CIVIL ENGINEERS										
ENGINEER'S STAMP															
SCALE	HORIZONTAL - 1:250		VERTICAL - 1:50												
TITLE	PORTER SUBDIVISION WATERMAIN REPLACEMENT - PHASE 3 DORCHESTER, ONTARIO		PROPOSED CONSTRUCTION CATHERINE STREET FROM STA. 0+690.29 TO STA. 0+887.78												
PROJECT No.	DEL20-003PH3		SHEET No.		17		PLAN FILE No.								

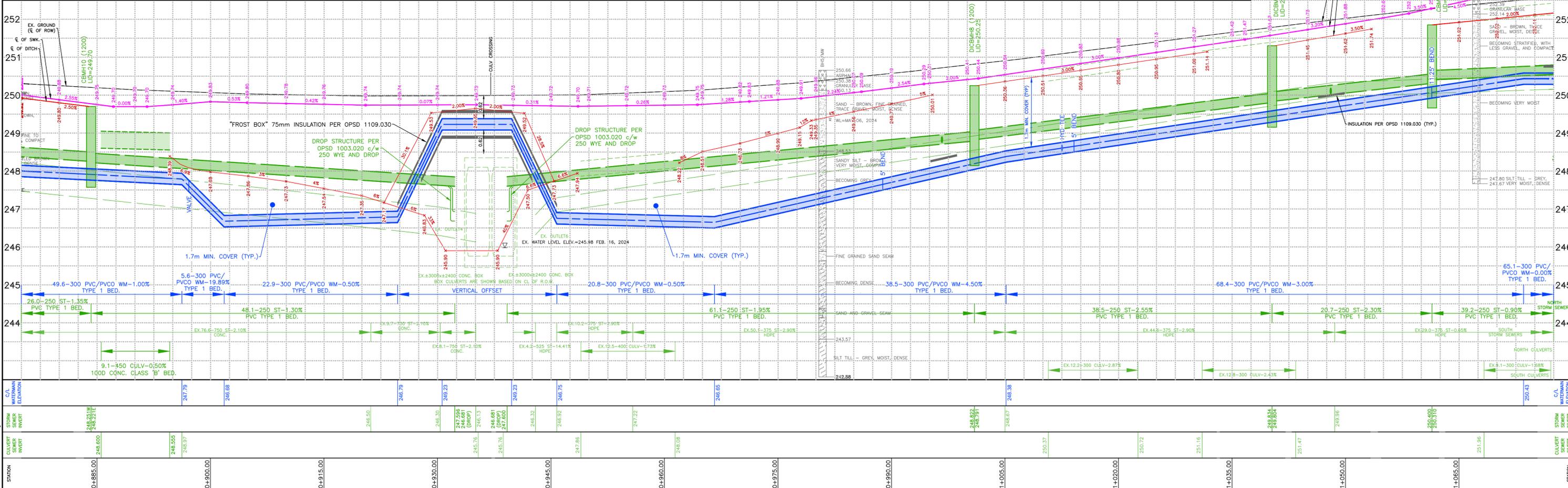


TAG	OVER	UNDER	VERTICAL SEPARATION	NOTES
39	300 WM INV = 249.08	EX. 3300x2400 CULVT/P = 248.46	0.62	*2
40	150 STM INV = 248.83	300 WM OBV = 248.16	0.66	*1
41	150 STM INV = 250.42	300 WM OBV = 249.82	0.60	*1
42	150 STM INV = 251.18	300 WM OBV = 250.58	0.60	*1

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CATHERINE STREET

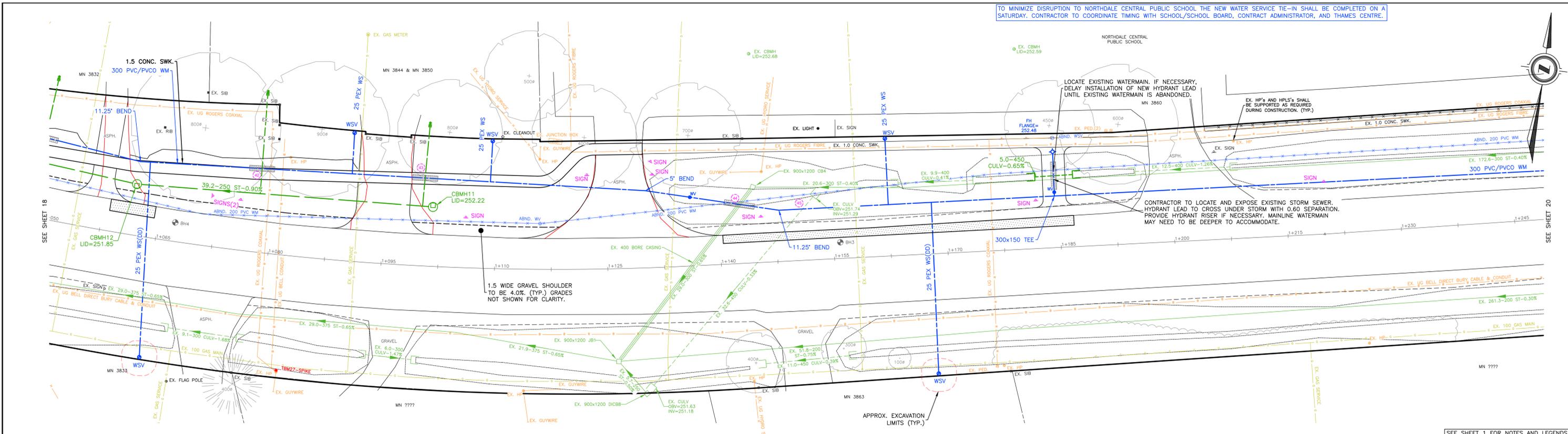


STATION	EXISTING SERVICES	DRAWING #, SOURCE	DATE	AS CONSTRUCTED SERVICES	COMPLETION	DETAILS	No.	REVISIONS	DATE	CONSULTANT
0+885.00	WATERMAIN	PORTER SUBDIV. WATER SYSTEM	APRIL 1973			DESIGN BY RAS	1	50% SUBMISSION	AUG. 01/2024	DEVENG
0+900.00	STORM SEWERS	PORTER SUBDIV. MUNICIPAL DRAIN W.J. BARTLETT AND ASSOCIATES LTD.	JULY 1979			DRAWN BY RAS	2	90% SUBMISSION	AUG. 20/2025	DEVENG
0+915.00	STORM SEWERS	CATHERINE STREET MUNICIPAL DRAIN W.J. BARTLETT AND ASSOCIATES LTD.	MARCH 1995			CHECKED BY JFB/JIS	3	100% SUBMISSION	FEB. **/2026	DEVENG
0+945.00	STORM STRUCTURES & CULVERTS	DEVELOPMENT ENGINEERING LTD. (SURVEYED)	FEBRUARY 2024			F.B.K. P25				
0+960.00	BELL & ROGERS GAS	TELECON ENBRIDGE	APRIL 2024							
0+975.00										
0+990.00										
1+005.00										
1+020.00										
1+035.00										
1+050.00										
1+065.00										

CONSULTANT OR DIVISION London Office 41 Adelaide St. N., Unit 71 (519) 672-8310 Paris Office 31 Mechanic St., Unit 301 (519) 442-1441	 CONSULTING CIVIL ENGINEERS		ENGINEER'S STAMP SCALE HORIZONTAL - 1:250 2.5 0 5m VERTICAL - 1:50 0.5 0 1m	TITLE PORTER SUBDIVISION WATERMAIN REPLACEMENT - PHASE 3 DORCHESTER, ONTARIO PROPOSED CONSTRUCTION CATHERINE STREET FROM STA. 0+877.82 TO STA. 1+076.45	PROJECT No. DEL20-003PH3 SHEET No. 18 PLAN FILE No.
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DEL20-003PH3 - P&P - PUM.dwg
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TO MINIMIZE DISRUPTION TO NORTHDALE CENTRAL PUBLIC SCHOOL THE NEW WATER SERVICE TIE-IN SHALL BE COMPLETED ON A SATURDAY. CONTRACTOR TO COORDINATE TIMING WITH SCHOOL/SCHOOL BOARD, CONTRACT ADMINISTRATOR, AND THAMES CENTRE.

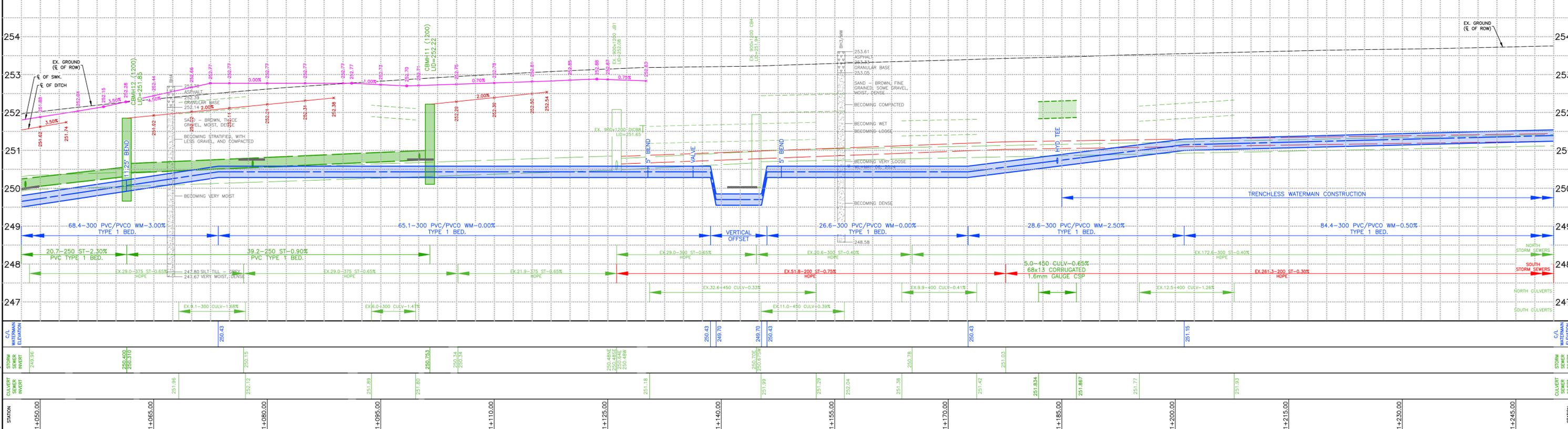


THIS DRAWING SET IS INTENDED TO BE PRINTED IN COLOR ON 22"x34" PAPER. EXISTING UTILITIES ARE SHOWN BASED ON AS-BUILTS. CONTRACTOR TO OBTAIN LOCATES AND DAYLIGHT CROSSINGS PRIOR TO CONSTRUCTION AND PROMPTLY REPORT ANY CONFLICTS TO THE CONTRACT ADMINISTRATOR.

CATHERINE STREET

TAG	OVER	CROSSING TABLE	UNDER	VERTICAL SEPARATION	NOTES
42	150 STM INV = 251.18		300 WM OBV = 250.58	0.60	*1
43	150 STM INV = 251.18		300 WM OBV = 250.58	0.60	*1
44	400 STEEL SLEEVE INV = 250.45		300 WM OBV = 249.85	0.60	*2
45	EX. 450 CULV INV = 251.28		300 WM OBV = 250.58	0.70	*1

SEE SHEET 1 FOR NOTES AND LEGENDS.
SOUTH MUNICIPAL DRAIN BRANCH SHOWN IN RED ON SHEET 9 & 10 PROFILE FOR CLARITY.
ASPHALT RESTORATIONS ARE SHOWN BASED ON A 1:1 OPEN CUT TRENCH. ANY DISTURBANCE OF THE CATHERINE STREET ASPHALT TO BE STRICTLY AVOIDED. CONTRACTOR TO UTILIZE A TRENCH BOX OR TRENCHLESS METHODS AS APPROVED BY THE GEOTECHNICAL ENGINEER. CONTRACTOR TO SUBMIT A WORK PLAN SUBJECT TO APPROVAL BY THE CONTRACT ADMINISTRATOR PRIOR TO CONSTRUCTION.



STATION	EXISTING SERVICES	DRAWING #, SOURCE	DATE	AS CONSTRUCTED SERVICES	COMPLETION	DETAILS	No.	REVISIONS	DATE	CONSULTANT
1+050.00	WATERMAIN	PORTER SUBDIV. WATER SYSTEM H.M. GIBSON LTD.	APRIL 1973			DESIGN BY RAS	1	50% SUBMISSION	AUG. 01/2024	DEVENG
1+065.00	STORM SEWERS	CATHERINE STREET MUNICIPAL DRAIN W.J. BARTLETT AND ASSOCIATES LTD.	MARCH 1995			DRAWN BY RAS	2	90% SUBMISSION	AUG. 20/2025	DEVENG
1+080.00	STORM STRUCTURES & CULVERTS	DEVELOPMENT ENGINEERING LTD. (SURVEYED)	FEBRUARY 2024			CHECKED BY JPB/JS	3	100% SUBMISSION	FEB. **/2026	DEVENG
1+095.00	BELL & ROGERS	TELECOM	APRIL 2024			F.B.K. P25				
1+110.00	GAS	ENBRIDGE	JUNE 2024							

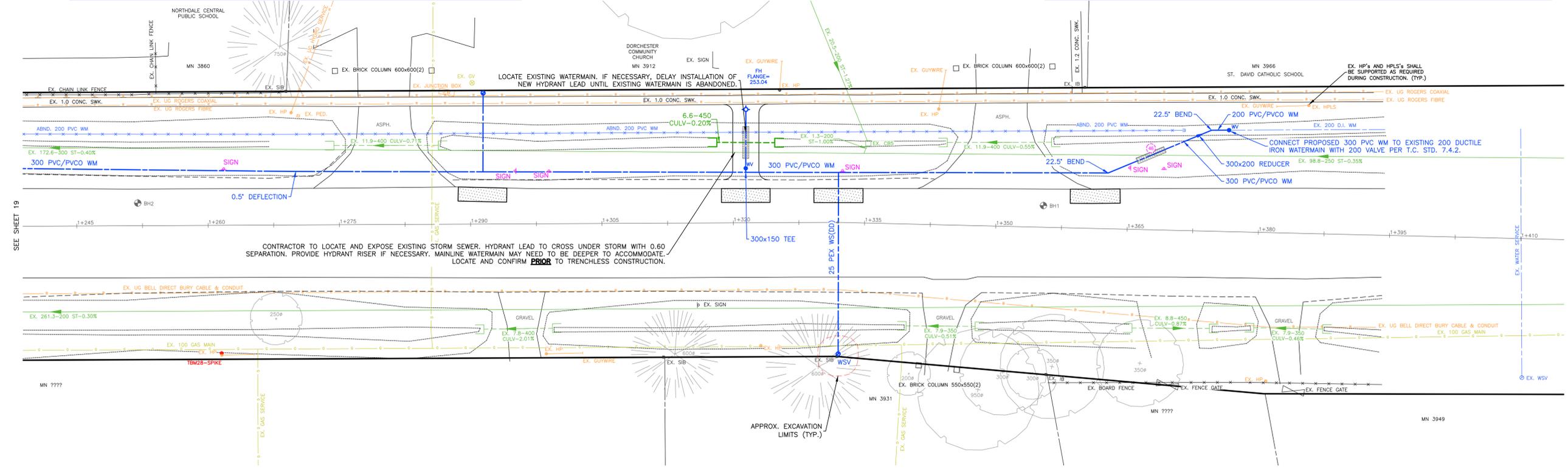
CONSULTANT OR DIVISION	ENGINEER'S STAMP	SCALE	TITLE
London Office 41 Adelaide St. N., Unit 71 (519) 672-5310 Paris Office 31 Mechanic St., Unit 301 (519) 442-1441	 CONSULTING CIVIL ENGINEERS	HORIZONTAL - 1:250 2.5 0 5m VERTICAL - 1:50 0.5 0 1m	PORTER SUBDIVISION WATERMAIN REPLACEMENT - PHASE 3 DORCHESTER, ONTARIO PROPOSED CONSTRUCTION CATHERINE STREET FROM STA. 1+050.72 TO STA. 1+248.60

PROJECT No.	DEL20-003PH3
SHEET No.	19
PLAN FILE No.	

revised Feb.10/24-11:09am DEL20-003PH3 - P&P - PUM.dwg

TO MINIMIZE DISRUPTION TO NORTHDALE CENTRAL PUBLIC SCHOOL THE NEW WATER SERVICE TIE-IN SHALL BE COMPLETED ON A SATURDAY. CONTRACTOR TO COORDINATE TIMING WITH SCHOOL/SCHOOL BOARD, CONTRACT ADMINISTRATOR, AND THAMES CENTRE.

TO MINIMIZE DISRUPTION TO NORTHDALE CENTRAL PUBLIC AND ST. DAVID CATHOLIC SCHOOLS THE NEW WATERMAIN TIE-IN SHALL BE COMPLETED ON A SATURDAY. CONTRACTOR TO COORDINATE TIMING WITH SCHOOLS/SCHOOL BOARDS, CONTRACT ADMINISTRATOR, AND THAMES CENTRE.

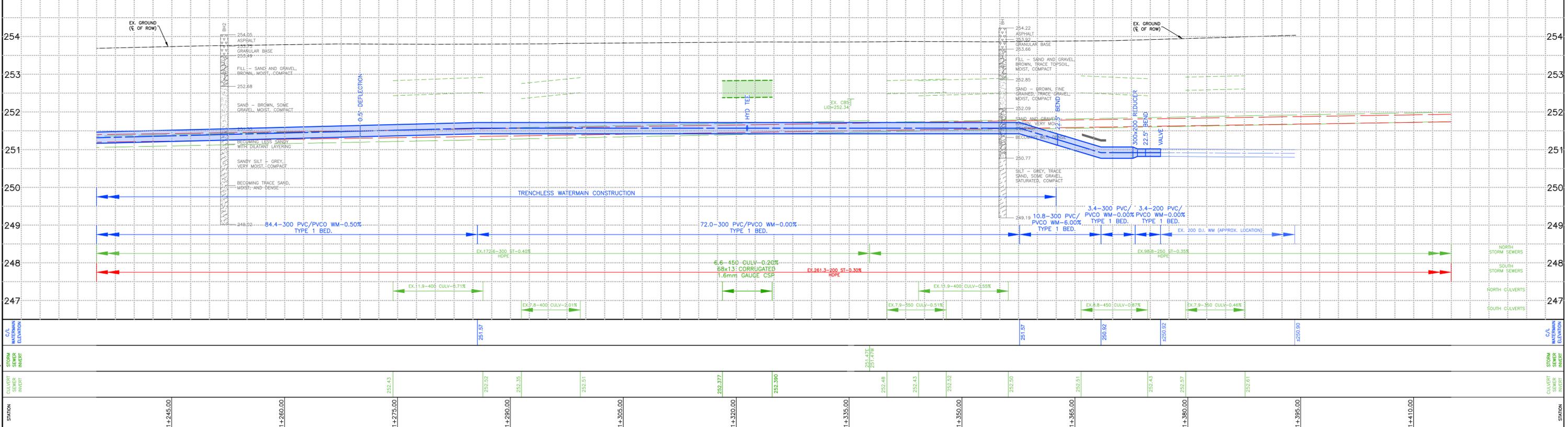


THIS DRAWING SET IS INTENDED TO BE PRINTED IN COLOR ON 22"x34" PAPER. EXISTING UTILITIES ARE SHOWN BASED ON AS-BUILTS. CONTRACTOR TO OBTAIN LOCATES AND DAYLIGHT CROSSINGS PRIOR TO CONSTRUCTION AND PROMPTLY REPORT ANY CONFLICTS TO THE CONTRACT ADMINISTRATOR.

CATHERINE STREET

TAG	OVER	UNDER	VERTICAL SEPARATION	NOTES
46	EX. 250 STM INV = 251.57	300 WM OBV = 250.98	0.60	*1

ASPHALT RESTORATIONS ARE SHOWN BASED ON A 1:1 OPEN CUT TRENCH. ANY DISTURBANCE OF THE CATHERINE STREET ASPHALT TO BE STRICTLY AVOIDED. CONTRACTOR TO UTILIZE A TRENCH BOX OR TRENCHLESS METHODS AS APPROVED BY THE GEOTECHNICAL ENGINEER. CONTRACTOR TO SUBMIT A WORK PLAN SUBJECT TO APPROVAL BY THE CONTRACT ADMINISTRATOR PRIOR TO CONSTRUCTION.



STATION	EXISTING SERVICES	DRAWING #, SOURCE	DATE	AS CONSTRUCTED SERVICES	COMPLETION	DETAILS	No.	REVISIONS	DATE	CONSULTANT	CONSULTANT OR DIVISION	ENGINEER'S STAMP	SCALE	TITLE	PROJECT No.	SHEET No.	FILE NAME No.
1+245.00	WATERMAIN	PORTER SUBDIV. WATER SYSTEM H.M. GIBSON LTD.	APRIL 1973			DESIGN BY RAS	1	50% SUBMISSION	AUG. 01/2024	DEVENG	London Office 41 Adelaide St. N., Unit 71 (519) 672-8310 Paris Office 31 Mechanic St., Unit 301 (519) 442-1441 development engineering (London) Limited CONSULTING CIVIL ENGINEERS		HORIZONTAL - 1:250 2.5 0 5m VERTICAL - 1:50 0.5 0 1m	PORTER SUBDIVISION WATERMAIN REPLACEMENT - PHASE 3 DORCHESTER, ONTARIO PROPOSED CONSTRUCTION CATHERINE STREET FROM STA. 1+238.84 TO STA. 1+414.91	DEL20-003PH3	20	DEL20-003PH3
1+260.00	STORM SEWERS	CATHERINE STREET MUNICIPAL DRAIN W.J. BARTLETT AND ASSOCIATES LTD.	MARCH 1995		CHECKED BY JPB/JS F.B.K. P25	2	90% SUBMISSION	AUG. 20/2025	DEVENG								
1+275.00	STORM STRUCTURES & CULVERTS	DEVELOPMENT ENGINEERING LTD. (SURVEYED)	FEBRUARY 2024				3	100% SUBMISSION	FEB. **/2026	DEVENG							
1+305.00	BELL & ROGERS	TELECON	APRIL 2024														
1+410.00	GAS	ENBRIDGE	JUNE 2024														

