

CONTRACT # 1 - 2026 WONHAM Street Reconstruction from Ann Street to Holcroft Street

LIST OF DRAWINGS		
#	TITLE	DESCRIPTION
1	TYP-1	Standard Details and Notes, Typical Sections
2	PP-1	WONHAM STREET FROM ANN STREET TO 165m S. OF ANN STREET
3	PP-2	WONHAM STREET FROM 150m S. OF ANN STREET TO 90m N. OF MELITA STREET
4	PP-3	WONHAM STREET FROM 105m N. OF MELITA STREET TO 90m S. OF MELITA STREET
5	PP-4	WONHAM STREET FROM 80m S. OF MELITA STREET TO 40m N. OF HOLCROFT STREET
6	PP-5	WONHAM STREET FROM 75m N. OF HOLCROFT STREET TO HOLCROFT STREET

KEY PLAN
SCALE: NTS

— PROJECT LOCATION

THE CORPORATION OF THE TOWN OF INGERSOLL AND OXFORD COUNTY

COUNTY of OXFORD STANDARDS SECTION 3 - WATERMANS

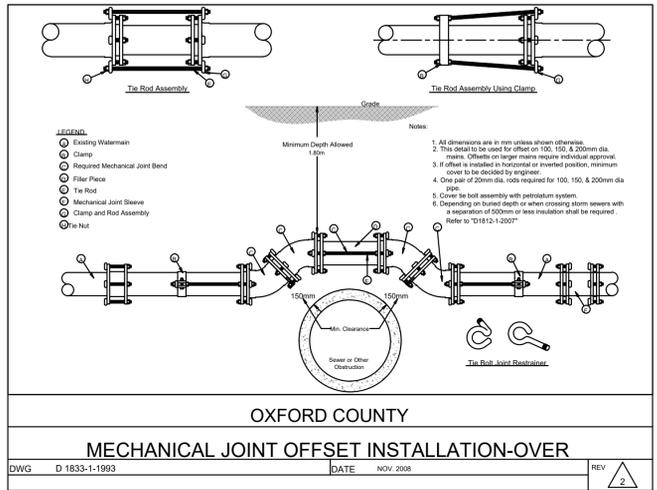
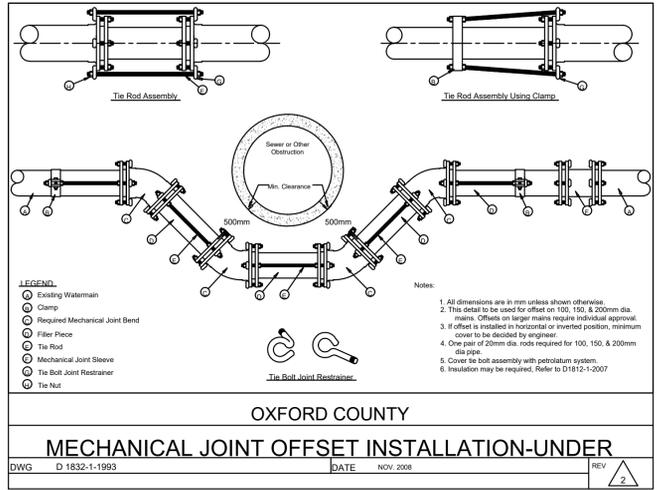
SECTION NAME	SUB - SECTION
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OPEN CUT INSTALLATION - LOWERING AND LAYING	3.5
OPEN CUT INSTALLATION - BEDDING	3.6
OPEN CUT INSTALLATION - BACKFILLING	3.7
OPEN CUT INSTALLATION - COMPACTION TEST	3.8
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INITIAL FLUSHING AND SWABING	5.2
TEST PRESSURE	5.3
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DISINFECTION - GENERAL	6.1
DISINFECTION - CONTRACTOR TO SUPPLY	6.2
DISINFECTION - POINT OF APPLICATION	6.3
DISINFECTION	6.4
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CONNECTION SAMPLES	6.6
COMMISSIONING OF NEW MAIN	6.7
CONTRACTORS LIABILITY	6.8
REMOVAL OF EQUIPMENT	6.9
DEFECTS IN PIPEWORK	6.10
TYPICAL DETAILS DWG #	
RIGID BOARD INSULATION - SLAB TYPE	D 1812-1-2007
FIRE HYDRANT AND VALVE INSTALLATION	D 1828-1-1993
MECHANICAL JOINT OFFSET INSTALLATION - UNDER	D 1832-1-1993
MECHANICAL JOINT OFFSET INSTALLATION - OVER	D 1832-1-1993
BACKFLOW PREVENTOR - EXISTING TO NEW WATERMAIN	D 1839-1-2006
WATER SERVICE CONNECTION - 25mm DIAMETER	D 1839-1-2007
WATER SERVICE CONNECTION - 50-60mm DIAMETER	D 1839-1-2007
TRACER WIRE VALVE BOX INSTALLATION	D 1846-1-2009
TRACER WIRE CONNECTOR DETAILS	D 1859-1-2016

TOWN of INGERSOLL STANDARDS SECTION 7 - STORM SEWERS

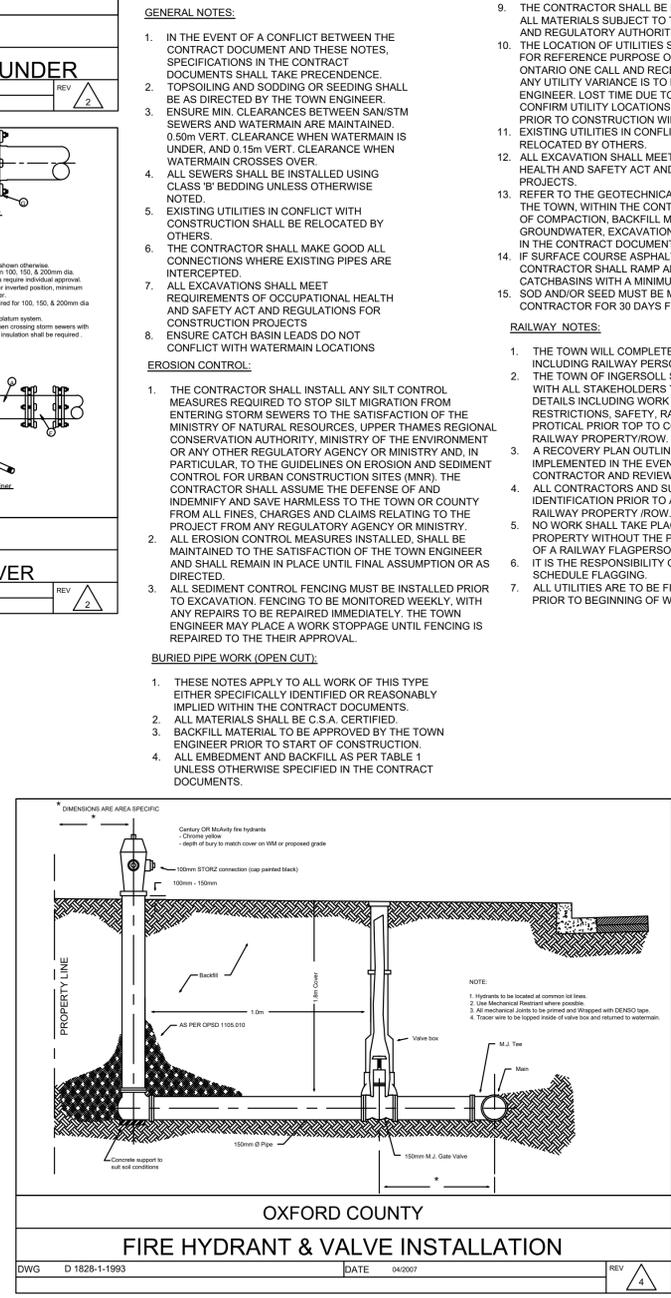
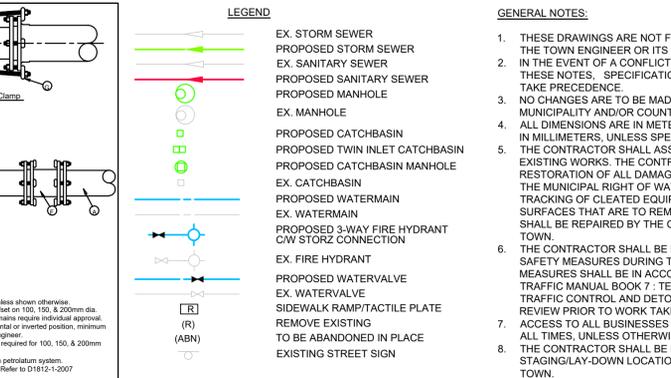
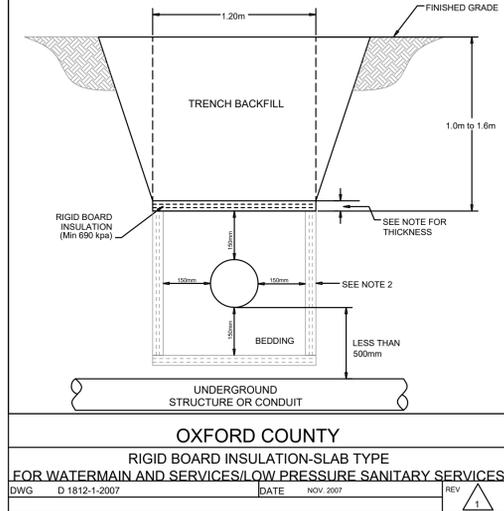
SECTION NAME	SUB - SECTION
7.0 LOCATION AND DESIGN	
PERMITTED USE	3.0
LOCATION AND ALIGNMENT	7.0
PIPE SIZE	11.0
PIPE DEPTH	13.0
MAINTENANCE HOLES	14.0
CATCHBASINS	14.0
7.2 MATERIAL	
PIPE MATERIALS	1.0
APPROVED MATERIAL	2.0
BEDDING MATERIAL	4.0
7.3 INSTALLATION	
OPEN CUT INSTALLATION - LINE AND GRADE	1.0
OPEN CUT INSTALLATION - EXCAVATION AND TRENCH PREPARATION	1.0
OPEN CUT INSTALLATION - DEWATERING	1.0
OPEN CUT INSTALLATION - LOWERING AND LAYING	1.0
OPEN CUT INSTALLATION - BEDDING	1.0
OPEN CUT INSTALLATION - BACKFILLING	1.0
OPEN CUT INSTALLATION - COMPACTION TEST	1.0
CONNECTIONS TO EXISTING SEWERS	3.0
7.4 SERVICE INSTALLATION	
7.5 CCTV INSPECTION/FLUSHING AND CLEANING	
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PIPE SIZING FOR PRECAST CONCRETE MAINTENANCE HOLES	S-2
STANDARD SERVICE LOCATION - RESIDENTIAL STORM PVC CONNECTION	S-6
PRIVATE DRAIN CONNECTION	S-7
STORM SEWER VERTICAL SEPARATION - UNDER	S-8
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GUTTER DRAIN INSTALLATION	S-31

COUNTY of OXFORD STANDARDS SECTION 4 - SANITARY SEWERS

SECTION NAME	SUB - SECTION
NON-PERMITTED FLOWS	1.1
LOCATION AND ALIGNMENT	1.2
PIPE SIZE	1.9
PIPE DEPTH	1.11
MAINTENANCE HOLES	1.12
PIPE MATERIALS	2.1 TO 2.4
OPEN CUT INSTALLATION - LINE AND GRADE	3.1
OPEN CUT INSTALLATION - EXCAVATION AND TRENCH PREPARATION	3.3
OPEN CUT INSTALLATION - DEWATERING	3.4
OPEN CUT INSTALLATION - LOWERING AND LAYING	3.5
OPEN CUT INSTALLATION - BEDDING	3.6
OPEN CUT INSTALLATION - BACKFILLING	3.7
OPEN CUT INSTALLATION - COMPACTION TEST	3.8
CONNECTIONS TO EXISTING SEWERS	3.14
CONNECTION - JOINTING OF PUSH ON JOINT PIPES	3.15
SERVICE INSTALLATION	4.1, 4.2, 4.4 TO 4.8
FIELD TESTING - GENERAL	5.1
CLEANING AND FLUSHING SEWERS	5.2
LEAKAGE TEST	5.3
MANDREL DEFLECTION TESTING OF SEWER PIPE	5.4
CLOSED-CIRCUIT TELEVISION (CCTV) INSPECTION	5.6
TYPICAL DETAILS DWG #	
RIGID BOARD INSULATION - SLAB TYPE	D 1812-1-2007
TYPICAL SANITARY CLEANOUT	D 1863-1-2023



- IF GROUND COVER IS LESS THAN 1.0m LOWER WATER MAIN TO 1.8m.
 - IF GROUND COVER IS 1.0m-1.3m USE 75mm THICK INSULATION.
 - IF GROUND COVER IS 1.3m-1.6m USE 50mm THICK INSULATION.
2. FOR CROSSING OR UNDERGROUND STRUCTURES OR CONDUIT A "FROST BOX" IS REQUIRED.
3. FOR WATERMAIN AND SERVICES LOCATED 500mm OR LESS HORIZONTALLY ADJACENT TO MANHOLES OR CATCHBASIN REQUIRES A MINIMUM 50mm INSULATION IS REQUIRED.
4. INSULATION IS REQUIRED ON ALL NEW OR RECONSTRUCTED WATER SERVICES IF ADEQUATE COVER AS LISTED ABOVE CANNOT BE ACHIEVED.

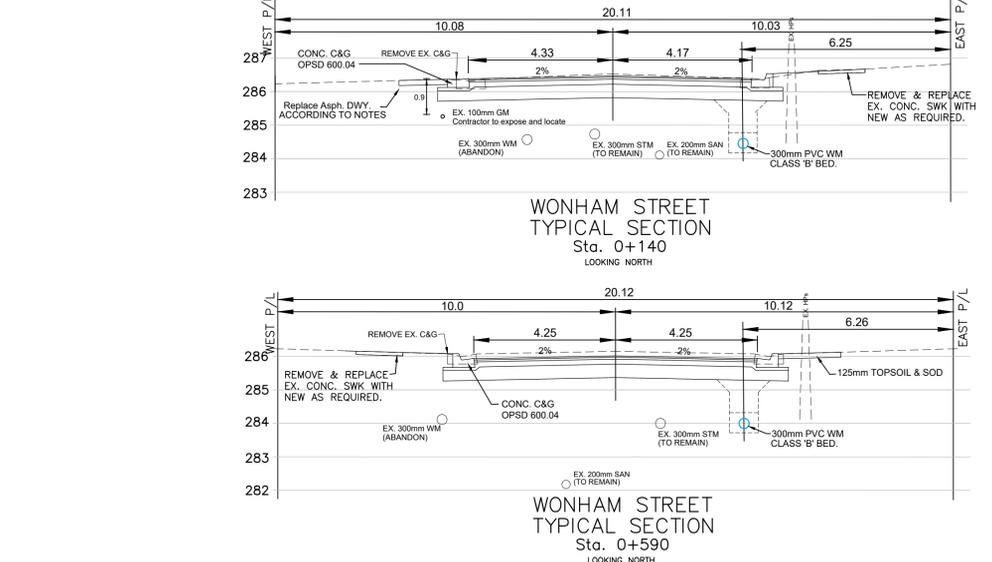


- LEGEND**
- EX. STORM SEWER
 - PROPOSED STORM SEWER
 - EX. SANITARY SEWER
 - PROPOSED SANITARY SEWER
 - PROPOSED MANHOLE
 - EX. MANHOLE
 - PROPOSED CATCHBASIN
 - PROPOSED TWIN INLET CATCHBASIN
 - PROPOSED CATCHBASIN MANHOLE
 - EX. CATCHBASIN
 - PROPOSED WATERMAIN
 - EX. WATERMAIN
 - PROPOSED 3-WAY FIRE HYDRANT CW STORZ CONNECTION
 - EX. FIRE HYDRANT
 - PROPOSED WATERVALVE
 - EX. WATERVALVE
 - SIDEWALK RAMP/TACTILE PLATE
 - REMOVE EXISTING
 - TO BE ABANDONED IN PLACE
 - EXISTING STREET SIGN
- GENERAL NOTES:**
- THESE DRAWINGS ARE NOT FOR CONSTRUCTION UNTIL APPROVED BY THE TOWN ENGINEER OR ITS DESIGNATE.
 - IN THE EVENT OF A CONFLICT BETWEEN THE CONTRACT DOCUMENT AND THESE NOTES, SPECIFICATIONS IN THE CONTRACT DOCUMENTS SHALL TAKE PRECEDENCE.
 - NO CHANGES ARE TO BE MADE WITHOUT THE APPROVAL OF THE MUNICIPALITY AND/OR COUNTY.
 - ALL DIMENSIONS ARE IN METERS, EXCEPT PIPE DIAMETERS, WHICH ARE IN MILLIMETERS, UNLESS SPECIFIED OTHERWISE.
 - THE CONTRACTOR SHALL ASSUME ALL LIABILITY FOR ANY DAMAGE TO EXISTING WORKS. THE CONTRACTOR IS RESPONSIBLE FOR THE RESTORATION OF ALL DAMAGED AND/OR DISTURBED PROPERTY WITHIN THE MUNICIPAL RIGHT OF WAY TO TOWN OF INGERSOLL STANDARDS. TRACKING OF CLEATED EQUIPMENT IS NOT PERMITTED ON PAVED SURFACES THAT ARE TO REMAIN. CARELESS DAMAGE TO PAVED AREAS SHALL BE REPAIRED BY THE CONTRACTOR AT NO EXPENSE TO THE TOWN.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC AND SAFETY MEASURES DURING THE CONSTRUCTION PERIOD. ALL SAFETY MEASURES SHALL BE IN ACCORDANCE WITH CURRENT ONTARIO TRAFFIC MANUAL BOOK 7 - TEMPORARY CONDITIONS FIELD EDITION. TRAFFIC CONTROL AND DETOURS MUST BE SUBMITTED FOR TOWN REVIEW PRIOR TO WORK TAKING PLACE.
 - ACCESS TO ALL BUSINESSES AND RESIDENTS IS TO BE MAINTAINED AT ALL TIMES, UNLESS OTHERWISE DIRECTED.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A STAGING/LAY-DOWN LOCATION SUBJECT TO THE APPROVAL OF THE TOWN.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSAL SITES FOR ALL MATERIALS SUBJECT TO THE APPROVAL OF THE TOWN ENGINEER AND REGULATORY AUTHORITIES.
 - THE LOCATION OF UTILITIES SHOWN ON THE CONTRACT DRAWINGS, ARE FOR REFERENCE PURPOSE ONLY. THE CONTRACTOR SHALL CONTACT ONTARIO ONE CALL AND RECEIVE LOCATES PRIOR TO ANY EXCAVATION. ANY UTILITY VARIANCE IS TO BE IMMEDIATELY REPORTED TO THE TOWN ENGINEER. LOST TIME DUE TO FAILURE OF THE CONTRACTOR TO CONFIRM UTILITY LOCATIONS AND NOTIFY THE TOWN OF CONFLICTS PRIOR TO CONSTRUCTION WILL BE AT THE CONTRACTORS EXPENSE. EXISTING UTILITIES IN CONFLICT WITH CONSTRUCTION SHALL BE RELOCATED BY OTHERS.
 - ALL EXCAVATION SHALL MEET REQUIREMENTS OF OCCUPATIONAL HEALTH AND SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS.
 - EXISTING CATCH BASIN LEADS DO NOT CONFLICT WITH WATERMAIN LOCATIONS
- GENERAL NOTES:**
- IN THE EVENT OF A CONFLICT BETWEEN THE CONTRACT DOCUMENT AND THESE NOTES, SPECIFICATIONS IN THE CONTRACT DOCUMENTS SHALL TAKE PRECEDENCE.
 - TOPSOILING AND SODDING OR SEEDING SHALL BE AS DIRECTED BY THE TOWN ENGINEER.
 - ENSURE MIN. CLEARANCES BETWEEN SANITM SEWERS AND WATERMAIN ARE MAINTAINED. 0.50m VERT. CLEARANCE WHEN WATERMAIN IS UNDER, AND 0.15m VERT. CLEARANCE WHEN WATERMAIN CROSSES OVER.
 - ALL SEWERS SHALL BE INSTALLED USING CLASS 'B' BEDDING UNLESS OTHERWISE NOTED.
 - EXISTING UTILITIES IN CONFLICT WITH CONSTRUCTION SHALL BE RELOCATED BY OTHERS.
 - THE CONTRACTOR SHALL MAKE GOOD ALL CONNECTIONS WHERE EXISTING PIPES ARE INTERCEPTED.
 - ALL EXCAVATIONS SHALL MEET REQUIREMENTS OF OCCUPATIONAL HEALTH AND SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS.
 - ENSURE CATCH BASIN LEADS DO NOT CONFLICT WITH WATERMAIN LOCATIONS
- EROSION CONTROL:**
- THE CONTRACTOR SHALL INSTALL ANY SILT CONTROL MEASURES REQUIRED TO STOP SILT MIGRATION FROM ENTERING STORM SEWERS TO THE SATISFACTION OF THE MINISTRY OF NATURAL RESOURCES, UPPER THAMES REGIONAL CONSERVATION AUTHORITY, MINISTRY OF THE ENVIRONMENT OR ANY OTHER REGULATORY AGENCY OR MINISTRY AND, IN PARTICULAR, TO THE GUIDELINES ON EROSION AND SEDIMENT CONTROL FOR URBAN CONSTRUCTION SITES (MNR). THE CONTRACTOR SHALL ASSUME THE DEFENSE OF AND INDEMNIFY AND SAVE HARMLESS TO THE TOWN OR COUNTY FROM ALL FINES, CHARGES AND CLAIMS RELATING TO THE PROJECT FROM ANY REGULATORY AGENCY OR MINISTRY.
 - ALL EROSION CONTROL MEASURES INSTALLED, SHALL BE MAINTAINED TO THE SATISFACTION OF THE TOWN ENGINEER AND SHALL REMAIN IN PLACE UNTIL FINAL ASSUMPTION OR AS DIRECTED.
 - ALL SEDIMENT CONTROL FENCING MUST BE INSTALLED PRIOR TO EXCAVATION. FENCING TO BE MONITORED WEEKLY, WITH ANY REPAIRS TO BE REPAIRED IMMEDIATELY. THE TOWN ENGINEER MAY PLACE A WORK STOPPAGE UNTIL FENCING IS REPAIRED TO THE THEIR APPROVAL.
- BURIED PIPE WORK (OPEN CUT):**
- THESE NOTES APPLY TO ALL WORK OF THIS TYPE EITHER SPECIFICALLY IDENTIFIED OR REASONABLY IMPLIED WITHIN THE CONTRACT DOCUMENTS.
 - ALL MATERIALS SHALL BE C.S.A. CERTIFIED.
 - BACKFILL MATERIAL TO BE APPROVED BY THE TOWN ENGINEER PRIOR TO START OF CONSTRUCTION.
 - ALL EMBEDMENT AND BACKFILL AS PER TABLE 1 UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS.

- GENERAL NOTES:**
- THESE DRAWINGS ARE NOT FOR CONSTRUCTION UNTIL APPROVED BY THE TOWN ENGINEER OR ITS DESIGNATE.
 - IN THE EVENT OF A CONFLICT BETWEEN THE CONTRACT DOCUMENT AND THESE NOTES, SPECIFICATIONS IN THE CONTRACT DOCUMENTS SHALL TAKE PRECEDENCE.
 - NO CHANGES ARE TO BE MADE WITHOUT THE APPROVAL OF THE MUNICIPALITY AND/OR COUNTY.
 - ALL DIMENSIONS ARE IN METERS, EXCEPT PIPE DIAMETERS, WHICH ARE IN MILLIMETERS, UNLESS SPECIFIED OTHERWISE.
 - THE CONTRACTOR SHALL ASSUME ALL LIABILITY FOR ANY DAMAGE TO EXISTING WORKS. THE CONTRACTOR IS RESPONSIBLE FOR THE RESTORATION OF ALL DAMAGED AND/OR DISTURBED PROPERTY WITHIN THE MUNICIPAL RIGHT OF WAY TO TOWN OF INGERSOLL STANDARDS. TRACKING OF CLEATED EQUIPMENT IS NOT PERMITTED ON PAVED SURFACES THAT ARE TO REMAIN. CARELESS DAMAGE TO PAVED AREAS SHALL BE REPAIRED BY THE CONTRACTOR AT NO EXPENSE TO THE TOWN.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC AND SAFETY MEASURES DURING THE CONSTRUCTION PERIOD. ALL SAFETY MEASURES SHALL BE IN ACCORDANCE WITH CURRENT ONTARIO TRAFFIC MANUAL BOOK 7 - TEMPORARY CONDITIONS FIELD EDITION. TRAFFIC CONTROL AND DETOURS MUST BE SUBMITTED FOR TOWN REVIEW PRIOR TO WORK TAKING PLACE.
 - ACCESS TO ALL BUSINESSES AND RESIDENTS IS TO BE MAINTAINED AT ALL TIMES, UNLESS OTHERWISE DIRECTED.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A STAGING/LAY-DOWN LOCATION SUBJECT TO THE APPROVAL OF THE TOWN.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSAL SITES FOR ALL MATERIALS SUBJECT TO THE APPROVAL OF THE TOWN ENGINEER AND REGULATORY AUTHORITIES.
 - THE LOCATION OF UTILITIES SHOWN ON THE CONTRACT DRAWINGS, ARE FOR REFERENCE PURPOSE ONLY. THE CONTRACTOR SHALL CONTACT ONTARIO ONE CALL AND RECEIVE LOCATES PRIOR TO ANY EXCAVATION. ANY UTILITY VARIANCE IS TO BE IMMEDIATELY REPORTED TO THE TOWN ENGINEER. LOST TIME DUE TO FAILURE OF THE CONTRACTOR TO CONFIRM UTILITY LOCATIONS AND NOTIFY THE TOWN OF CONFLICTS PRIOR TO CONSTRUCTION WILL BE AT THE CONTRACTORS EXPENSE. EXISTING UTILITIES IN CONFLICT WITH CONSTRUCTION SHALL BE RELOCATED BY OTHERS.
 - ALL EXCAVATION SHALL MEET REQUIREMENTS OF OCCUPATIONAL HEALTH AND SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS.
 - REFER TO THE GEOTECHNICAL INVESTIGATION REPORT SUPPLIED BY THE TOWN, WITHIN THE CONTRACT DOCUMENTS, FOR REQUIREMENTS OF COMPACTION, BACKFILL MATERIAL, BEDDING MATERIAL, GROUNDWATER, EXCAVATION ETC. GEOTECHNICAL REPORT IS LOCATED IN THE CONTRACT DOCUMENT.
 - IF SURFACE COURSE ASPHALT IS NOT PLACED THIS CONTRACT, THE CONTRACTOR SHALL RAMP ALL DRIVEWAYS, SIDEWALK CROSSINGS AND CATCHBASINS WITH A MINIMUM OF 0.3m RAMPING.
 - SOD AND/OR SEED MUST BE MAINTAINED AND WATERED BY THE CONTRACTOR FOR 30 DAYS FROM PLACEMENT.
- RAILWAY NOTES:**
- THE TOWN WILL COMPLETE A 24 HOUR EMERGENCY CONTACT LIST, INCLUDING RAILWAY PERSONNEL FOR ALL STAKEHOLDERS.
 - THE TOWN OF INGERSOLL SHALL ARRANGE A PRE-CONSTRUCTION MEETING WITH ALL STAKEHOLDERS TO DISCUSS PROJECT AND CONSTRUCTION DETAILS INCLUDING WORK DESCRIPTION, CONSTRUCTION METHODS, RESTRICTIONS, SAFETY, RAILWAY REQUIREMENTS AND AGREED UPON PROTECTIVE PRIOR TO COMMENCEMENT OF ANY WORK WITHIN THE RAILWAY PROPERTY ROW.
 - A RECOVERY PLAN OUTLINING THE STEPS AND PROCEDURES TO BE IMPLEMENTED IN THE EVENT OF FAILURE SHALL BE PROVIDED BY THE CONTRACTOR AND REVIEWED BY THE PROPERTY AUTHORITIES.
 - ALL CONTRACTORS AND SUB CONTRACTORS MUST HAVE PROPER RAILWAY IDENTIFICATION PRIOR TO ANY WORK TAKEN PLACE ON OR WITHIN THE RAILWAY PROPERTY ROW.
 - NO WORK SHALL TAKE PLACE BY LABOUR OR MACHINE ON RAILWAY PROPERTY WITHOUT THE PERMISSION OF THE RAILWAY AND THE PRESENCE OF A RAILWAY FLAGPERSON.
 - IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ARRANGE AND/OR SCHEDULE FLAGGING.
 - ALL UTILITIES ARE TO BE FIELD LOCATED INCLUDING THE RAILWAY PROPERTY PRIOR TO BEGINNING OF WORK.

- STORM SEWER WORKS:**
- ALL STORM SEWER WORKS MUST COMPLY WITH THE TOWN OF INGERSOLL STANDARDS.
 - ALL STORM SEWER PIPE MUST BE APPROVED BY THE TOWN ENGINEER PRIOR TO PLACEMENT.
 - THE CONTRACTOR SHALL MAINTAIN THE FLOW OF ALL EXISTING DRAINS ENCOUNTERED WHETHER SHOWN ON THE DRAWINGS OR NOT. SHOULD THE CONTRACTOR ENCOUNTER A DRAIN NOT SHOWN, IT IS THE RESPONSIBILITY OF THE TOWN ENGINEER TO DETERMINE IF SAID PIPE MAY BE ABANDONED.
 - CEMENT MORTAR FOR SETTING PIPE, BENCHING, ADJUSTMENTS AND SETTING OF FRAMES SHALL CONSIST OF CPD RAPID-CURE FIBRE POLYMER CONCRETE MIXTURE TO MAKE MIXTURE PLASTIC.
 - ABANDONED PIPE NOT REMOVED MUST BE SEALED WITH CEMENT MORTAR AND/OR BRICK BULKHEAD, AS DIRECTED BY THE TOWN ENGINEER.
 - ALL CATCHBASIN DEPTH MUST HAVE A 1.5m INTERIOR NOMINAL DEPTH, UNLESS OTHERWISE SPECIFIED.
 - CATCHBASIN MAINTENANCE HOLES AND CATCHBASINS TO HAVE A MINIMUM 600mm SUMP.
 - STORM MANHOLE LIDS TO BE PER OPSD 401 010 - TYPE 'A' AND CATCHBASIN MANHOLE GRATES TO BE PER OPSD 400 110.
 - STORM SERVICES TO HAVE A MINIMAL 1.5m COVER TO TOP OF PIPE. WHERE COVER TO TOP IS DEFICIENT, CONTRACTOR SHALL INSTALL SHALLOW PIPE AS PER TOWN STANDARDS AND TYPICAL DRAWING S-24.
 - ALL ADJUST RINGS ARE TO BE PARGED ON OUTSIDE, INSIDE JOINTS TO BE POINTED ONLY, NOT PARGED.
 - ALL BASINS AND MAINTENANCE HOLES MUST BE INSPECTED AND CLEANED OF DEBRIS PRIOR TO SUBSTANTIAL COMPLETION.
- SANITARY SEWER WORKS:**
- ALL SANITARY SEWER WORKS MUST COMPLY WITH THE COUNTY OF OXFORD STANDARDS.
 - ALL SANITARY SEWER PIPE MUST BE APPROVED BY THE COUNTY ENGINEER PRIOR TO PLACEMENT.
 - ALL SANITARY SEWER MATERIAL SHALL BE PVC DR35, COLOUR CODED GREEN.
 - SANITARY SERVICE MATERIAL SHALL BE PVC SDR28, COLOUR CODED GREEN.
 - THE APPROXIMATE LOCATION OF EXISTING SANITARY LATERALS HAVE BEEN DETERMINED BY AS-RECORDED RECORD INFORMATION AND VIDEO INSPECTION AS SHOWN ON THE DRAWINGS AND IS TO BE VERIFIED ON SITE.
 - STORM MANHOLE LIDS TO BE PER OPSD 401 010 - TYPE 'A' AND CATCHBASIN MANHOLE GRATES TO BE PER OPSD 400 110.
 - SANITARY SEWER CHAMBERS AND MAINTENANCE HOLES SHALL BE WATER PROOFED IN AREAS WHERE HIGH GROUND WATER IS PRESENT.
 - ALL SANITARY AND MAINTENANCE HOLES MUST BE INSPECTED AND CLEANED OF DEBRIS PRIOR TO SUBSTANTIAL COMPLETION.
- WATERMAIN WORKS:**
- ALL WATERWORKS MUST COMPLY WITH THE COUNTY OF OXFORD STANDARDS.
 - ALL WATERMAIN PIPE AND APPURTENANCES MUST BE APPROVED BY THE COUNTY ENGINEER PRIOR TO PLACEMENT.
 - ALL WATERMAIN TO BE PVC CLASS DR15, COLOUR CODED BLUE.
 - ABANDONED WATERMAIN PIPE NOT REMOVED MUST BE SEALED WITH CEMENT MORTAR OR BRICK BULKHEAD, AS DIRECTED BY APPOINTED COUNTY STAFF.
 - WATERMAIN TO HAVE A MINIMAL 1.8m COVER TO TOP OF PIPE. WHERE COVER TO TOP IS DEFICIENT, CONTRACTOR SHALL INSTALL SHALLOW PIPE AS PER COUNTY STANDARDS AND TYPICAL DRAWING S-24.
 - ALL WATERMAIN TESTING SHALL BE PER COUNTY OF OXFORD SPECIFICATIONS PRIOR TO ACCEPTANCE. TOWN OF INGERSOLL SHALL PROVIDE INSPECTION OF ALL INSTALLATION. THE COUNTY OF OXFORD SHALL BE RESPONSIBLE FOR ALL TESTING AND OVER SEEING COMMISSIONING INCLUDING CHLORINATION. THE CONTRACTOR IS RESPONSIBLE FOR THE DELIVERY OF ALL SAMPLES TO THE COUNTY ASSIGNED LAB AT THEIR EXPENSE.
 - CONTRACTORS SHALL NOT OPERATE ANY VALVE OR HYDRANT ON THE EXISTING WATER DISTRIBUTION SYSTEM, WITHOUT PROPER COUNTY STAFF ON SITE.
 - A MINIMUM OF 48 HOURS NOTICE MUST BE GIVEN TO THE TOWN AND COUNTY PRIOR TO ANY ACCEPTANCE OF WATERMAIN SHUTDOWN. THE TOWN AND/OR COUNTY WILL NOTIFY THE PROPER AUTHORITIES, BUSINESS AND RESIDENTS WITHIN THAT TIMELINE OF THE PROPOSED SHUTDOWN.
 - BEFORE COMMENCING ANY WATERMAIN SHUTDOWN, THE CONTRACTOR MUST ENSURE THAT ALL LABOUR, MATERIAL AND EQUIPMENT ARE ON SITE TO COMPLETE THE WORK OUTLINED IN THE SHUTDOWN AND ALLOTTED TIME.
 - TRACER WIRE TO FOLLOW OXFORD COUNTY D1846-1-2009 (12 AWG SOLID CCS TRACING WIRE).
 - CONTRACTOR TO PROVIDE ADEQUATE THURST RESTRAINT, AS IN OXFORD COUNTY DESIGN GUIDELINES.
 - ALL EXISTING FIRE HYDRANTS REMOVED ARE TO BE DELIVERED TO THE COUNTY PW YARD AT 56 McKEAND STREET, INGERSOLL.
 - WATERMAIN AND SERVICES LOCATION 0.5M OR LESS HORIZONTALLY FROM A MANHOLE OR CATCHBASIN SHALL REQUIRE A MINIMUM OF 50MM THICK INSULATION.

- ROAD & BOULEVARD RESTORATION:**
- PAVEMENT STRUCTURE**
- 40mm HL3 SURFACE ASPHALT (97% MARSHALL) BY OTHERS
 - 60mm HL8 BASE ASPHALT (97% MARSHALL)
 - 150mm GRANULAR 'A' (98% SPMD)
 - 400mm GRANULAR 'B' (98% SPMD)
 - APPROVED SUBGRADE (96% SPMD)
- ASPHALT DRIVEWAYS**
- 60mm HL3 ASPHALT (97% MARSHALL)
 - 200mm GRANULAR 'A' (98% SPMD)
- CONCRETE DRIVEWAYS**
- 150mm THK. CONCRETE (32 MPa min.)
 - 200mm THK. GRANULAR 'A' (98% SPMD)
- GRAVEL DRIVEWAYS**
- 200mm THK. GRANULAR 'A' (98% SPMD)



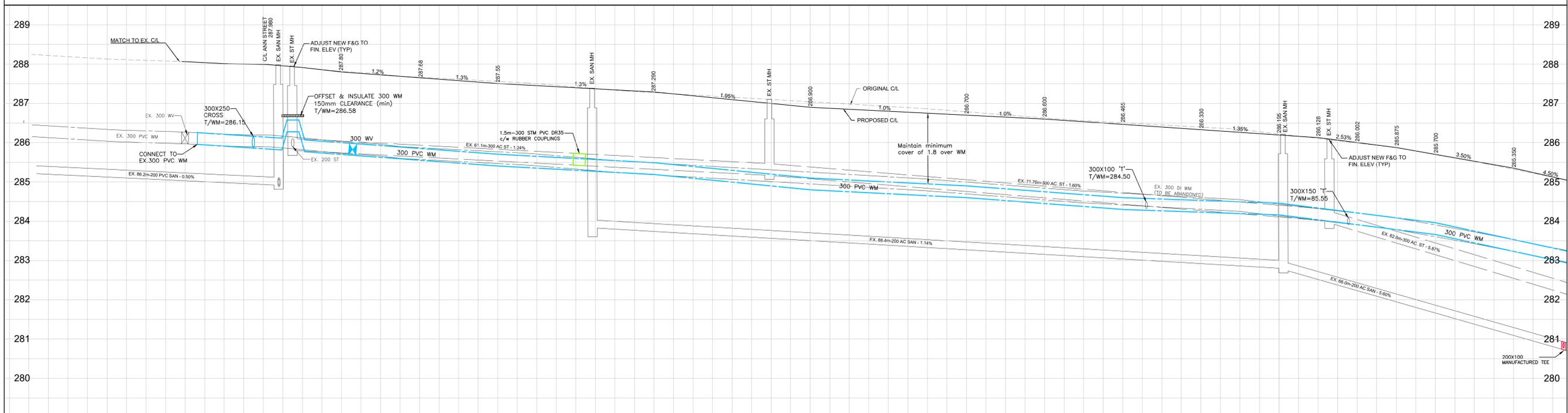
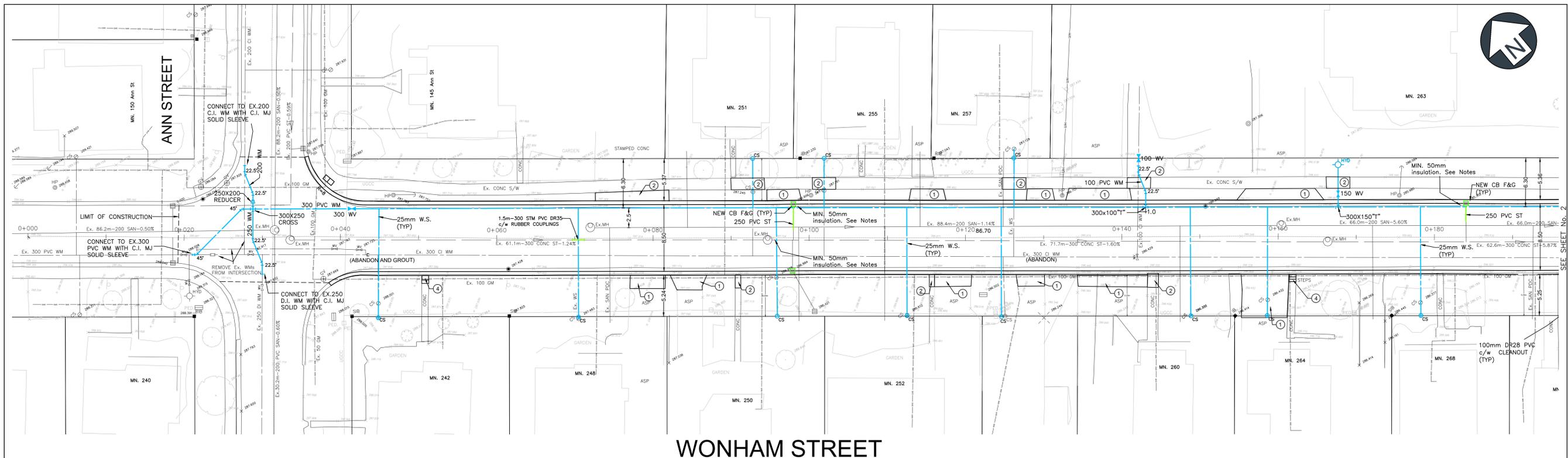
SCALE	TITLE	PROJECT No.
	TOWN OF INGERSOLL WONHAM STREET RECONSTRUCTION	1-2026
	STANDARD DETAILS & NOTES, TYPICAL SECTIONS	SHEET No. 1 of 6 TYP-1

No.	REVISIONS	DATE	BY
1	DESIGN TO COUNTY FOR REVIEW	December 2, 2023	SR
2	DRAWN TO COUNTY FOR REVIEW	January 6, 2026	SR
3	CHECKED FOR TENDER	January 8, 2026	SR
4	APPROVED ISSUED FOR CONSTRUCTION	February 19, 2026	SR

OXFORD COUNTY
Growing stronger together

INGERSOLL
our heritage, your future

LICENCED PROFESSIONAL ENGINEER
M.D.R. SWEETLAND
1001715491
2026.02.19
PROVINCE OF ONTARIO



STATION	SANITARY INVERT	STORM INVERT	TOP OF CURB ELEVATION
0+000.00			286.25
0+020.00			286.15
0+040.00	N 284.000 E 294.850 T 204.620	N 285.940 S 285.512	286.00
0+060.00			285.88
0+080.00			285.75
0+100.00		N 285.173 S 285.138	285.10
0+120.00			284.90
0+140.00			284.67
0+160.00		N 284.013 S 283.923	284.33
0+180.00			283.90
0+200.00			283.55

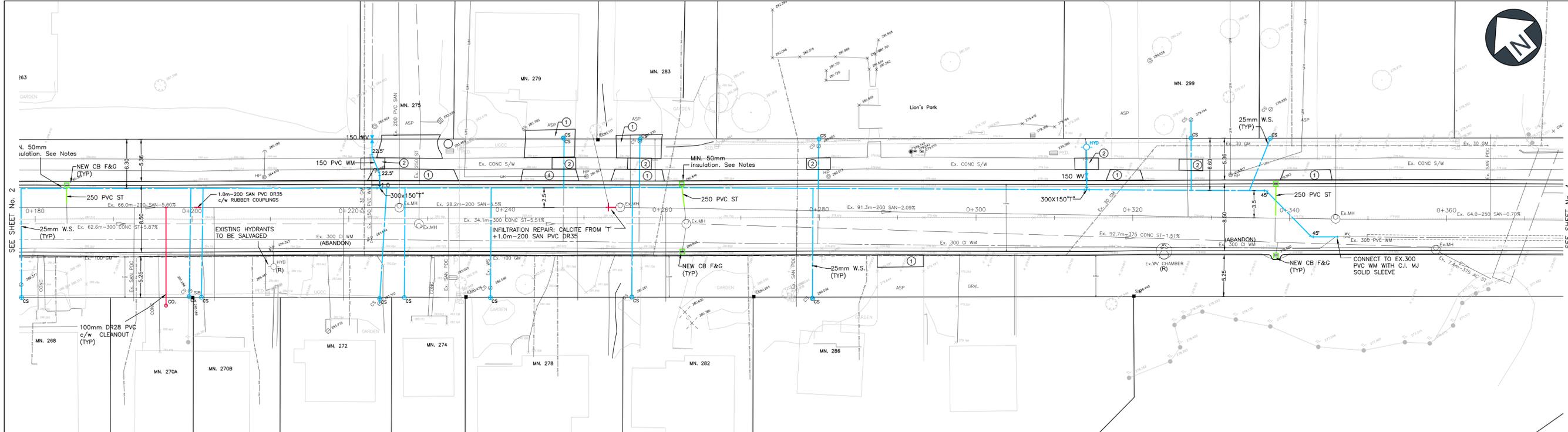
No.	REVISIONS	DATE	BY
1	TO COUNTY FOR REVIEW	December 2, 2025	SR
2	TO COUNTY FOR REVIEW	January 5, 2026	SR
3	ISSUED FOR TENDER	January 8, 2026	SR
4	ISSUED FOR CONSTRUCTION	February 19, 2026	SR

RESTORATION LEGEND

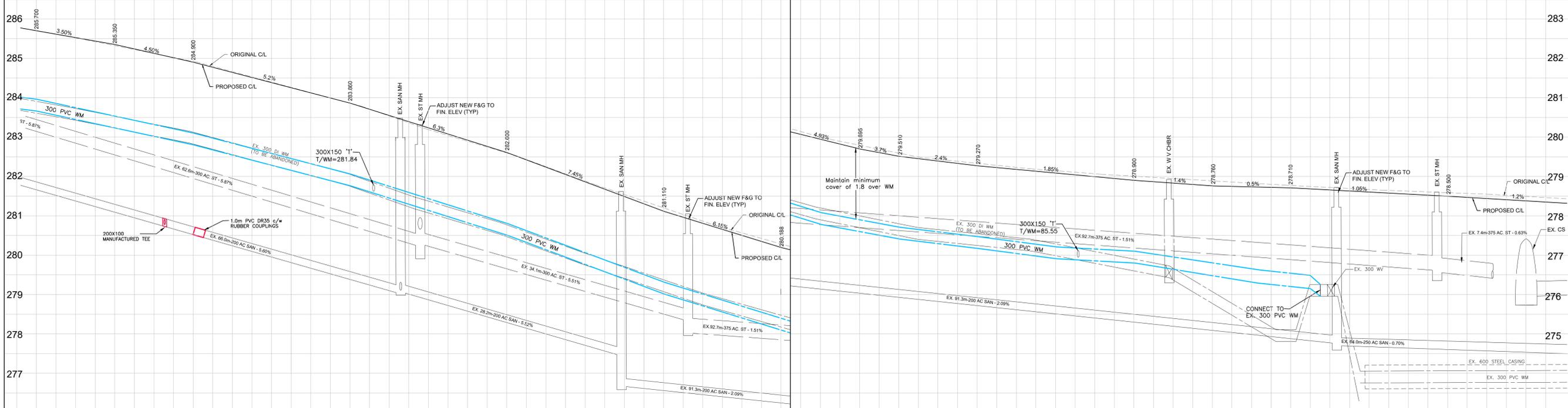
- ① - ASPHALT
- ② - CONCRETE
- ③ - PRECAST PAVERS
- ④ - CONCRETE STEPS
- ⑤ - GRANULAR "A" SURFACE

SCALE
 HORZ. - 1 : 250
 VERT. - 1 : 50

<p>TOWN OF INGERSOLL WONHAM STREET RECONSTRUCTION FROM ANN STREET TO 165m S. OF ANN STREET</p>	<p>PROJECT No. 1-2026 SHEET No. 2 of 6 PP-1</p>
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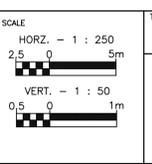
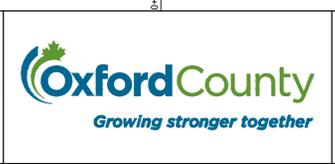
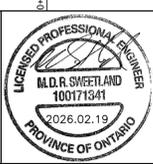


WONHAM STREET



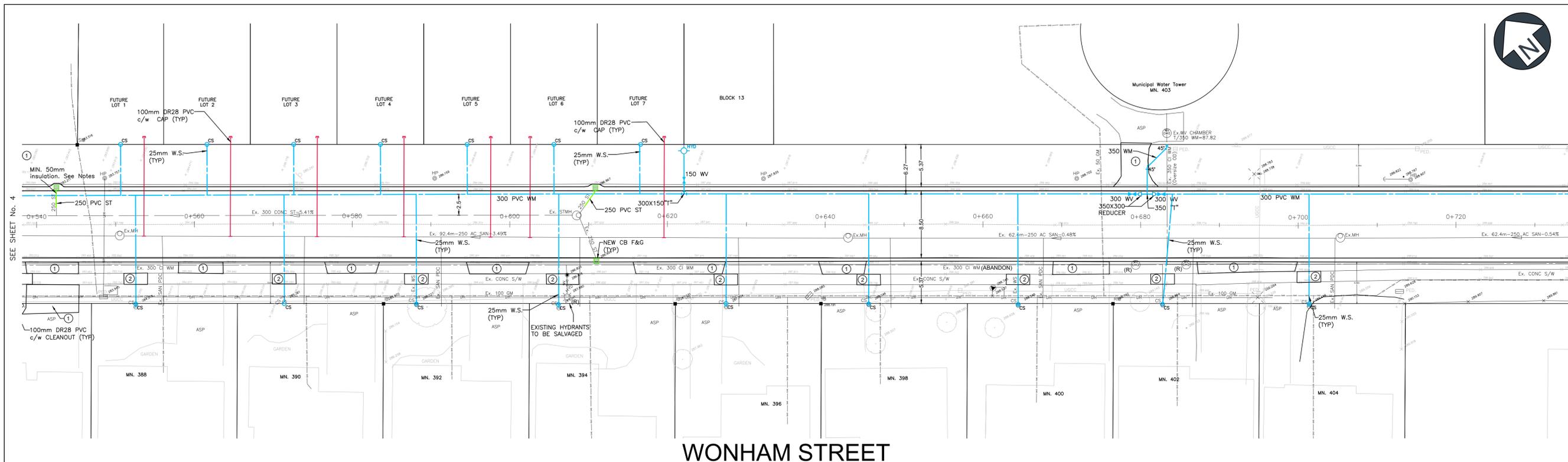
TOP OF CURB ELEVATION	283.95	283.55	283.10	282.06	280.90	279.31	278.39	277.90	277.71	277.47	277.10	276.814	276.541	276.254	275.956
STORM INVERT															
SEWAGE INVERT															
STATION	0+180.00	0+200.00	0+220.00	0+240.00	0+260.00	0+280.00	0+300.00	0+320.00	0+340.00	0+360.00	0+380.00	0+400.00	0+420.00	0+440.00	0+460.00

No.	REVISIONS	DATE	BY
1	DESIGN	December 2, 2025	SR
2	DRAWN	January 5, 2026	SR
3	CHECKED	January 8, 2026	SR
4	APPROVED	February 19, 2026	SR

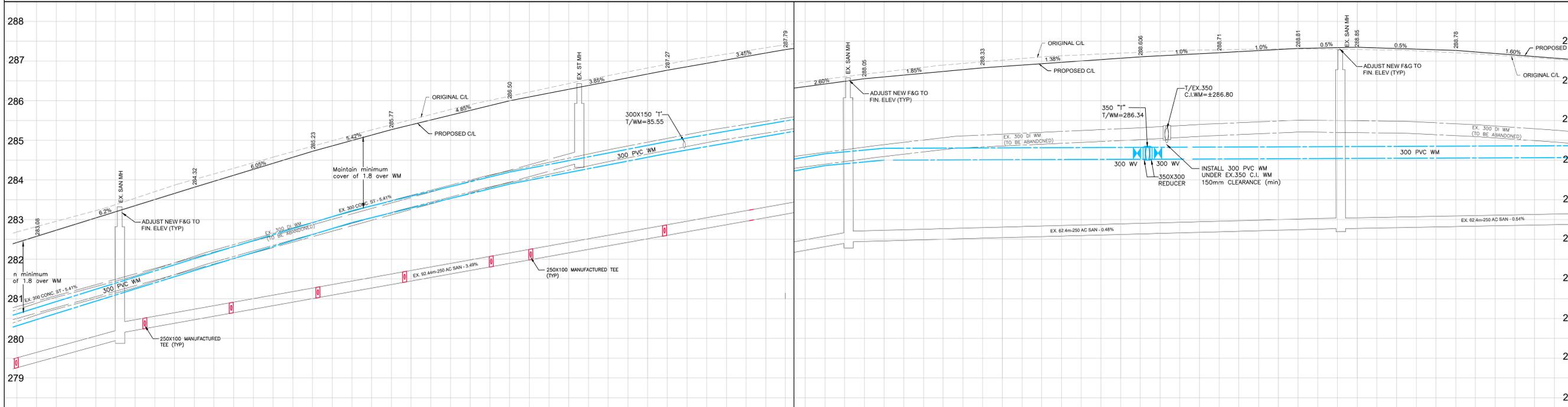


TOWN OF INGERSOLL
 WONHAM STREET RECONSTRUCTION
 FROM 150m S. OF ANN STREET
 TO 90m N. OF MELITA STREET

PROJECT No. 1-2026
 SHEET No. 3 of 6
 PP-2



WONHAM STREET

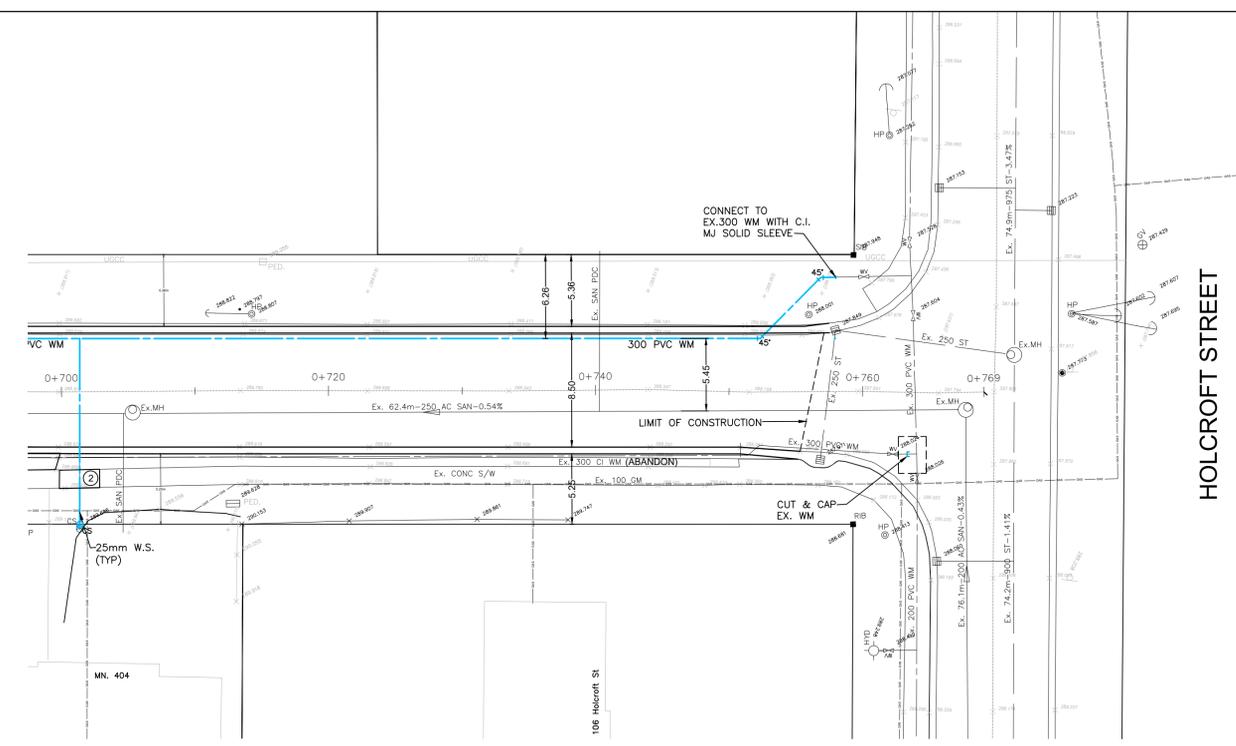


STATION	TOP OF STORM MAIN INVERT	TOP OF SANITARY INVERT	STATION	TOP OF STORM MAIN INVERT	TOP OF SANITARY INVERT	STATION	TOP OF STORM MAIN INVERT	TOP OF SANITARY INVERT	STATION
0+540.00	281.28	280.452 280.652	0+560.00	281.43	280.652	0+600.00	281.97	280.652	0+620.00
0+640.00	285.47	283.891 283.931	0+660.00	286.32	284.258	0+700.00	286.32	284.258	0+720.00

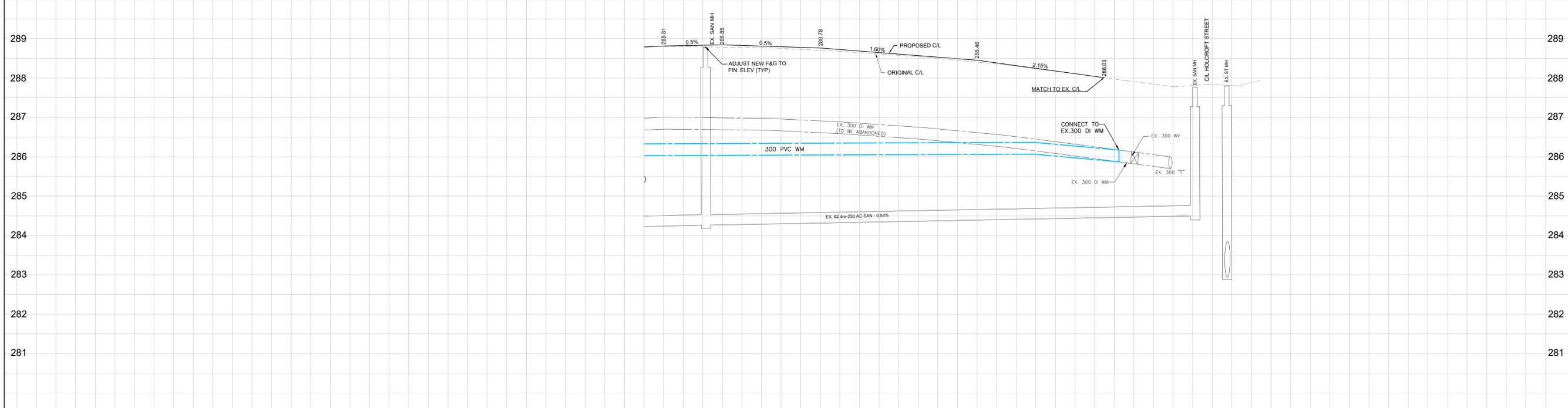
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>No.</th> <th>REVISIONS</th> <th>DATE</th> <th>BY</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>DESIGN TO COUNTY FOR REVIEW</td> <td>December 2, 2025</td> <td>SR</td> </tr> <tr> <td>2</td> <td>DRAWN TO COUNTY FOR REVIEW</td> <td>January 5, 2026</td> <td>SR</td> </tr> <tr> <td>3</td> <td>CHECKED ISSUED FOR TENDER</td> <td>January 8, 2026</td> <td>SR</td> </tr> <tr> <td>4</td> <td>APPROVED ISSUED FOR CONSTRUCTION</td> <td>February 19, 2026</td> <td>SR</td> </tr> </tbody> </table>	No.	REVISIONS	DATE	BY	1	DESIGN TO COUNTY FOR REVIEW	December 2, 2025	SR	2	DRAWN TO COUNTY FOR REVIEW	January 5, 2026	SR	3	CHECKED ISSUED FOR TENDER	January 8, 2026	SR	4	APPROVED ISSUED FOR CONSTRUCTION	February 19, 2026	SR	<p>RESTORATION LEGEND</p> <ul style="list-style-type: none"> ① - ASPHALT ② - CONCRETE ③ - PRECAST PAVERS ④ - CONCRETE STEPS ⑤ - GRANULAR "A" SURFACE 				<p>SCALE HORZ. - 1 : 250 VERT. - 1 : 50 </p>	<p>TITLE TOWN OF INGERSOLL WONHAM STREET RECONSTRUCTION</p> <p>FROM 80m S. OF MELITA STREET TO 40m N. OF HOLCROFT STREET</p>	<p>PROJECT No. 1-2026</p> <p>SHEET No. 5 of 6</p> <p>PP-4</p>
No.	REVISIONS	DATE	BY																								
1	DESIGN TO COUNTY FOR REVIEW	December 2, 2025	SR																								
2	DRAWN TO COUNTY FOR REVIEW	January 5, 2026	SR																								
3	CHECKED ISSUED FOR TENDER	January 8, 2026	SR																								
4	APPROVED ISSUED FOR CONSTRUCTION	February 19, 2026	SR																								



SEE SHEET No. 5



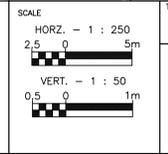
WONHAM STREET



TOP OF STORM INVERT ELEVATION	286.32	286.32	286.32	286.32	286.17	TOP OF SANITARY INVERT ELEVATION
STORM INVERT						N 286.66 E 286.54
SANITARY INVERT		N 284.228 S 284.228				N 284.594 W 284.624
STATION	0+695.00	0+700.00	0+707.50	0+720.00	0+745.00	0+765.00

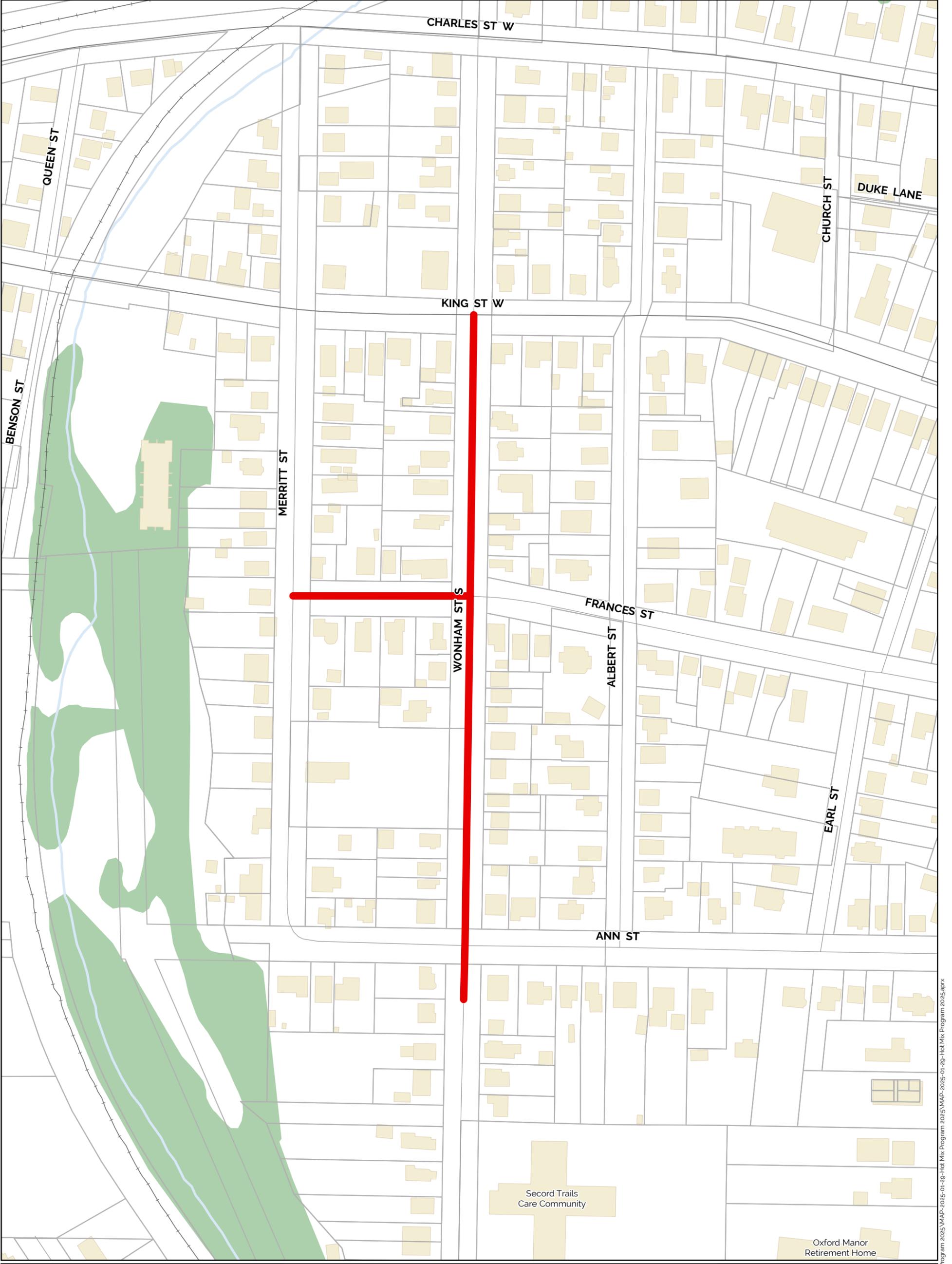
No.	REVISIONS	DATE	BY
1	DESIGN TO COUNTY FOR REVIEW	December 2, 2025	SR
2	DRAWN TO COUNTY FOR REVIEW	January 5, 2026	SR
3	CHECKED ISSUED FOR TENDER	January 8, 2026	SR
4	APPROVED ISSUED FOR CONSTRUCTION	February 19, 2026	SR

RESTORATION LEGEND
 ① - ASPHALT
 ② - CONCRETE
 ③ - PRECAST PAVERS
 ④ - CONCRETE STEPS
 ⑤ - GRANULAR "A" SURFACE



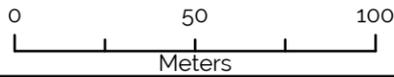
TITLE
 TOWN OF INGERSOLL
 WONHAM STREET RECONSTRUCTION
WONHAM STREET
 FROM 75m N. OF HOLCROFT STREET
 TO HOLCROFT STREET

PROJECT No.	1-2026
SHEET No.	6 of 6
	PP-5



2026 Asphalt Program

December 2025



Legend

2026 Asphalt Program

The map is created from a subset of data from the Town of Ingersoll and/or Oxford County GIS database. The Town of Ingersoll makes no claims, no representations, and no warranties, express or implied, concerning the validity (express or implied), the reliability or the accuracy of the GIS data and GIS data products furnished by the Town, including the implied validity of any uses of such data.

