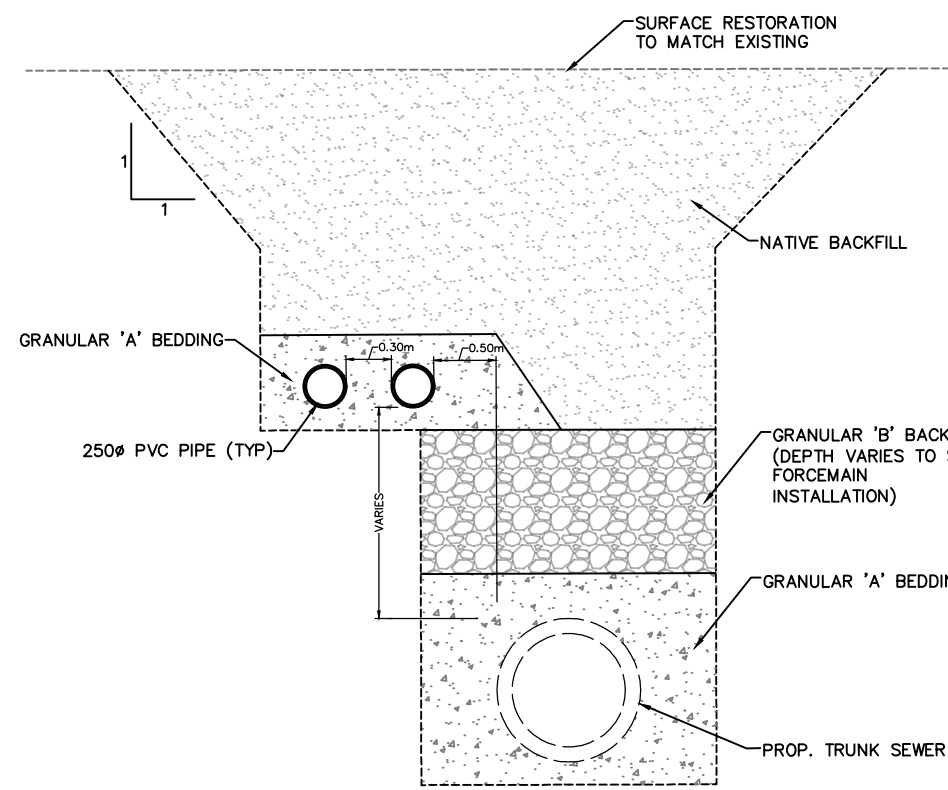




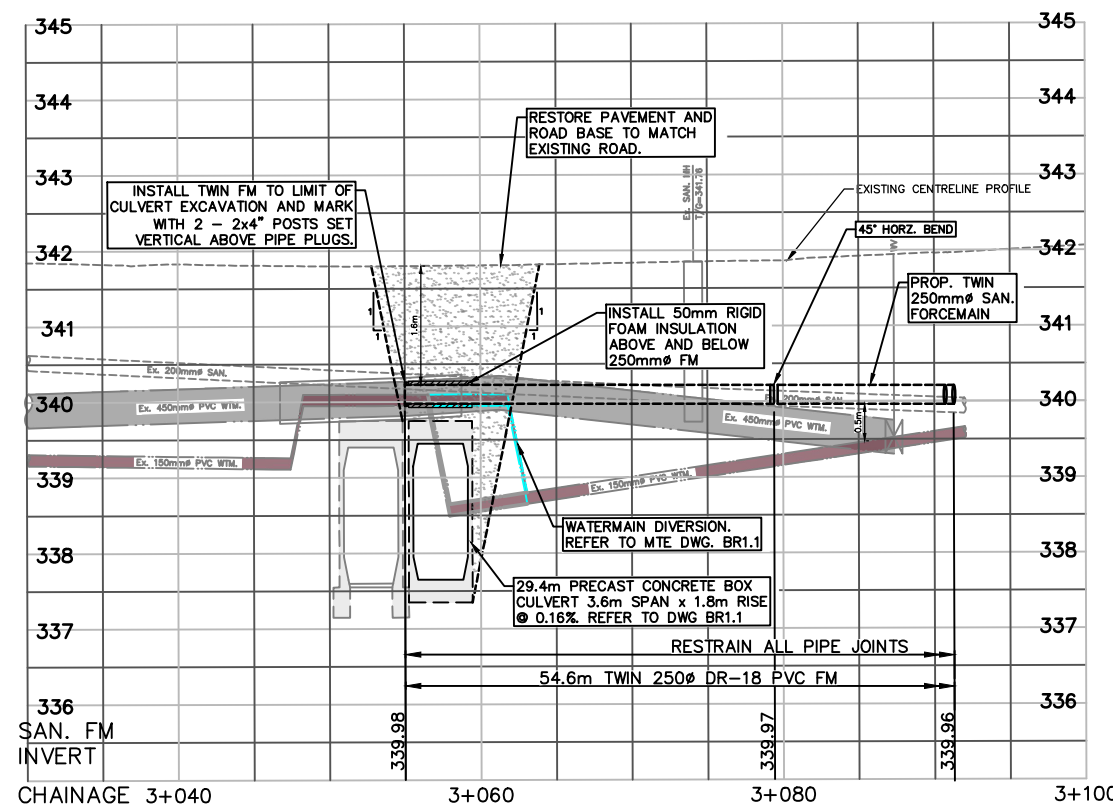
TYPICAL COMMON TRENCH DETAIL
NTS

Gingerich Road

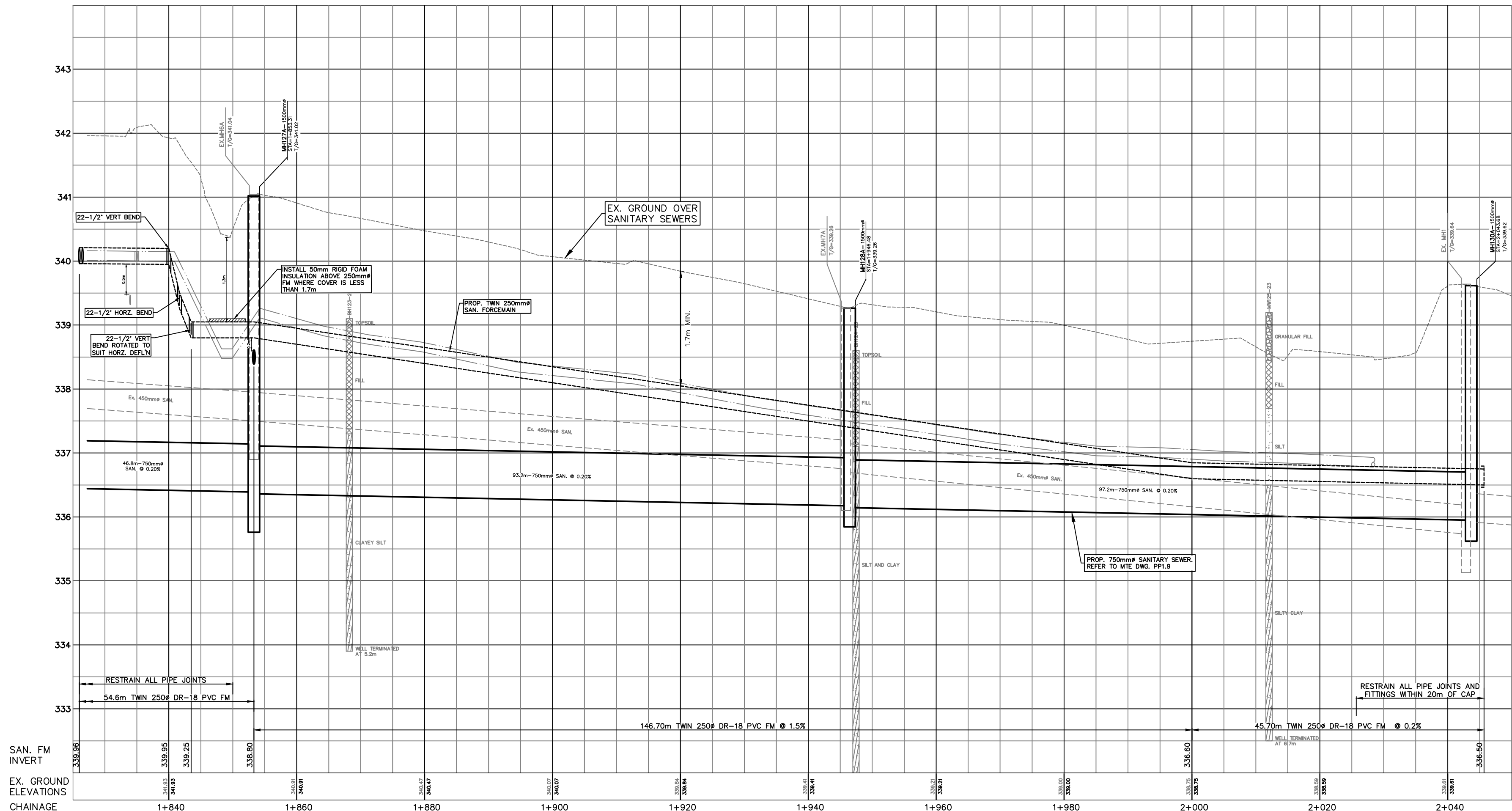
Foundry Street

BADEN CREEK

BADEN SANITARY TRUNK SEWER AND FORCEMAIN



SCALE - 1:500 HORIZ.
1:25 VERT.



SCALE - 1:500 HORIZ.
1:50 VERT.

KEY PLAN

DISCLAIMER:
THE POSITION OF POLE LINES, CONDUITS, WATERMANS, SEWERS, AND OTHER UNDERGROUND AND ABOVE GROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION IS NOT GUARANTEED. BEFORE STARTING WORK, THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

NOTES:

- ALL SANITARY FORCEMAIN SYSTEM COMPONENTS AND INSTALLATION SHALL BE IN ACCORDANCE WITH THE REGION OF WATERLOO DGSSMS AND OPSS.MUNI 412.
- THE 250mm DIAMETER FORCEMAIN SHALL BE PVC DR18 CLASS 235, AWWA C900, CSA B137.3. THE FORCEMAIN PIPE COLOUR SHALL BE WHITE.
- INSTALL TRACER WIRE OVER EACH PIPE. TRACER WIRE SHALL BE #8-GAUGE TWU MULTI-STRAND COPPER. JACKET TO BE GREEN IN COLOUR.
- CATHODIC PROTECTION IS REQUIRED FOR ALL METALLIC FITTINGS IN ACCORDANCE WITH REGION OF WATERLOO STANDARDS AND OPSS 442.
- STAINLESS STEEL BOLTS AND NUTS ARE TO BE USED ON ALL BURIED FITTINGS AND JOINT RESTRAINTS.
- ALL METALLIC FITTINGS, JOINT RESTRAINTS AND ALL EXPOSED METAL SURFACES MUST BE WRAPPED END TO END WITH AN APPROVED CORROSION PROTECTION SYSTEM THAT INCLUDES PETROLATUM PRIMER (PASTE), PETROLATUM MOULDING MASTIC, AND LOW TEMPERATURE PETROLATUM TAPE PER AWWA C-217.
- RESTRAINTS ARE TO BE INSTALLED AS INDICATED ON THE DRAWING AS A MINIMUM AND WHERE REQUIRED FOR SAFE PRESSURE TESTING.
- PRESSURE TESTING OF FORCEMAIN TO BE COMPLETED IN ACCORDANCE WITH OPSS.MUNI 412. TEST PRESSURE SHALL BE 150 psi (1035 kPa) FOR 2 CONSECUTIVE HOURS. PIPE IS TO BE LEFT FILLED WITH WATER UPON COMPLETION OF PRESSURE TESTING.
- TRENCHING AND RESTORATION IS TO BE COMPLETED IN ACCORDANCE WITH THIS DRAWING AND REQUIREMENTS OF THE TOWNSHIP OF WILMOT CONTRACT 2024-17.

THE BASE TOPOGRAPHIC SURVEY IN THIS DRAWING WAS COMPLETED IN UTM COORDINATES USING GLOBAL POSITIONING EQUIPMENT USING THE NAD 83 ZONE 17 GRID. CONTACT THE REGION OF WATERLOO, DESIGN AND CONSTRUCTION DIVISION, SURVEY GROUP FOR DESCRIPTIONS, COORDINATES AND ELEVATIONS OF CONTROL POINTS.

1	ISSUED FOR QUOTE	A.M	2025.01.21
No.	ISSUE/REVISION	BY	DATE

BADEN FORCEMAIN UPGRADE



DRAWN BY:	M.A.	CONTRACT No.	2024-xxx
CHECKED BY:	A.M.	FILE No.	XXXX
DATE:	JAN. 2025	DRAWING No.	FM 1
SCALE	AS NOTED		1 OF 1