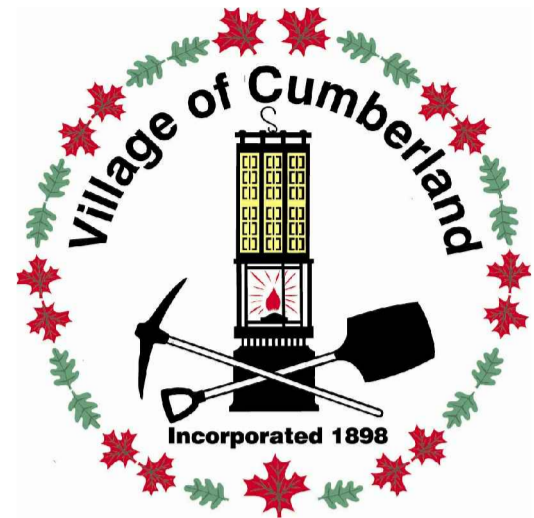


# VILLAGE OF CUMBERLAND

# MARYPORT AVE. WATERMAIN



ISSUED FOR TENDER

AUGUST, 2022

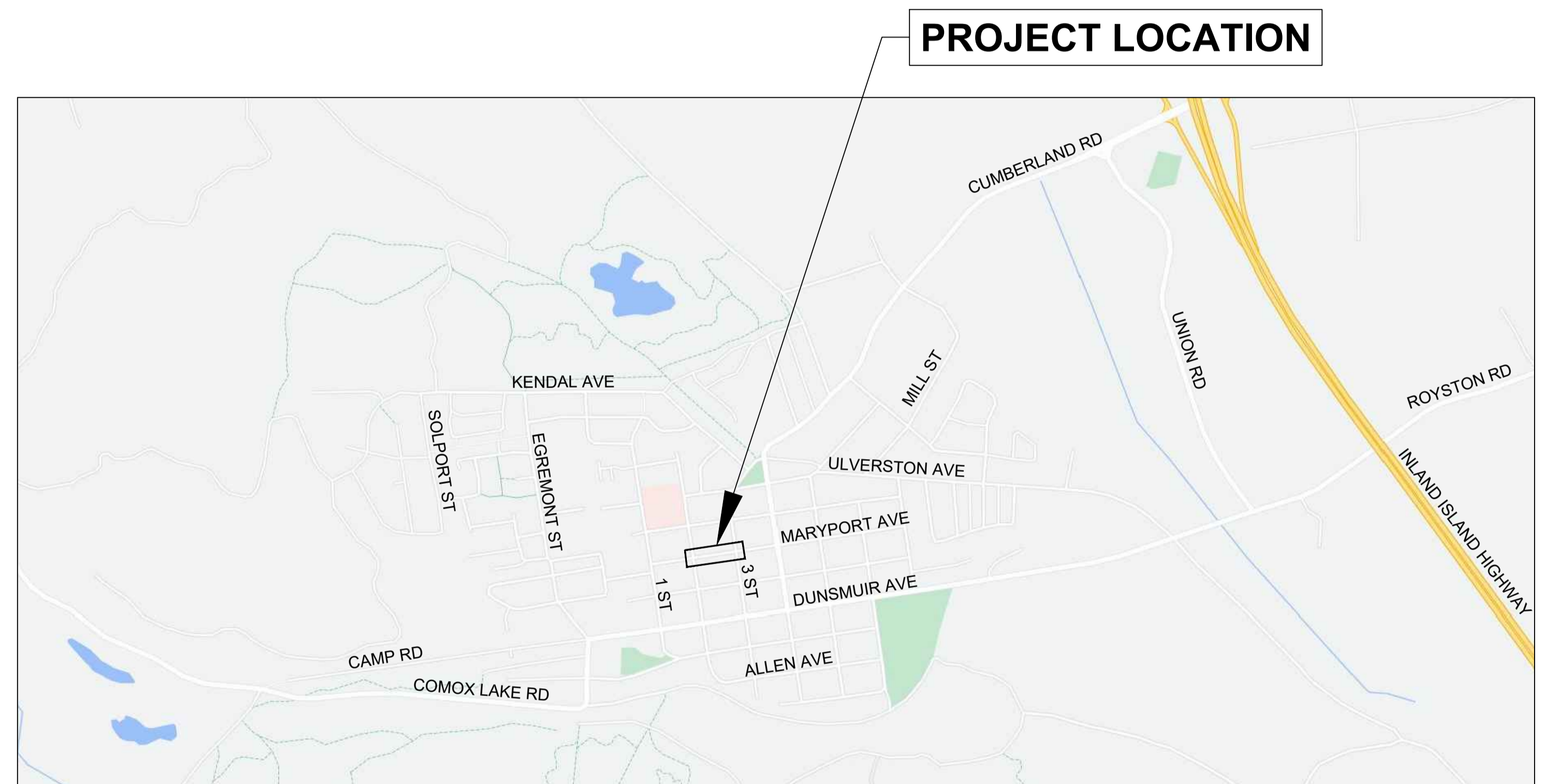
CUMBERLAND, BRITISH COLUMBIA

**GENERAL NOTES**

1. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH:
  - 1.1. THE MASTER MUNICIPAL CONSTRUCTION DOCUMENT AND STANDARD DETAIL DRAWINGS (MMCD 2019)
  - 1.2. APPLICABLE CONTRACT DOCUMENTS AND ALL SPECIFICATIONS REFERENCED THEREIN
  - 1.3. MINISTRY OF TRANSPORTATION "BC TRAFFIC CONTROL MANUAL FOR WORK ON ROADWAYS" LATEST EDITION
  - 1.4. WORKSAFE BC, LATEST EDITION
2. THE LOCATION OF EXISTING UTILITIES IS COMPILED FROM OWNER AND THIRD PARTY UTILITY SUPPLIED RECORD DRAWINGS, AND ARE CONSIDERED APPROXIMATE ONLY. THE EXACT LOCATION AND EXTENT OF UTILITIES SHALL BE DETERMINED BY CONSULTING THE LOCAL AUTHORITIES AND UTILITY COMPANIES CONCERNED. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE EXACT LOCATION, INVERT ELEVATION, PIPE SIZE, AND PIPE MATERIAL, BY HAND EXCAVATION OR HYDROVAC EXCAVATION, OF ALL UTILITIES INCLUDING CROSSINGS AND TIE-INS, PRIOR TO CONSTRUCTION. ANY COSTS ASSOCIATED WITH UTILITY CONFLICTS THAT WERE NOT PRE-LOCATED WILL BE THE CONTRACTORS RESPONSIBILITY.
3. ANY UTILITY POLE HOLDING REQUIRED TO COMPLETE THE WORK SHALL BE CONSIDERED INCIDENTAL TO THE WORKS.
4. THE CONTRACTOR SHALL REPORT ANY DISCREPANCIES OR CONFLICTS DISCOVERED TO THE CONTRACT ADMINISTRATOR A MINIMUM OF 72 HOURS PRIOR TO CONSTRUCTION TO ENSURE THAT THE LINE AND GRADE OF THE PROPOSED WORK CAN BE ADJUSTED TO SUIT FIELD CONDITIONS AS REQUIRED.
5. THE SUPPORT AND PROTECTION OF ALL THIRD PARTY UTILITIES IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING LOCATION AND PROTECTING UTILITIES TO THE SATISFACTION OF THE RESPECTIVE OWNER. THE COST OF PROTECTION IS CONSIDERED INCIDENTAL TO THE WORKS.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DISPOSAL OF ALL EXCAVATED MATERIAL UNSUITABLE FOR REUSE AT A SUITABLE OFF-SITE DISPOSAL AREA, IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.
7. THE CONTRACTOR SHALL RESTORE ANY EXISTING STRUCTURES OR SURFACE FEATURES TO ORIGINAL CONDITION, OR BETTER, FOLLOWING CONSTRUCTION.
8. ALL PUBLIC ROADWAYS AFFECTED BY THE WORKS SHALL BE KEPT IN A CLEAN STATE AT ALL TIMES AND FREE OF EQUIPMENT AND MATERIALS AT ALL TIMES WHEN CONSTRUCTION ACTIVITY IS NOT UNDERWAY.
9. DUST CONTROL MEASURES SHALL BE EMPLOYED AS DIRECTED BY THE CONTRACT ADMINISTRATOR.
10. A MINIMUM OF SINGLE LANE ALTERNATING TRAFFIC MUST BE MAINTAINED THROUGH THE SITE LOCATION AT ALL TIMES.
11. ALL INLET STRUCTURES IN PROXIMITY TO TRENCH WORKS OR EXPOSED ROAD BASE MUST BE FITTED WITH MANUFACTURED INLET CONTROL DEVICES AND/OR "FILTER SACK" TYPE CATCHBASIN CONTROL, (OR APPROVED ALTERNATIVE), CONTROL DEVICES TO BE MAINTAINED IN A FULLY FUNCTIONAL STATE AT ALL TIMES.

**WATERMAIN NOTES**

1. WATERMAIN TRENCH SHALL BE CONSTRUCTED AS PER MMCD STANDARD DRAWING G4.
2. ALL NEW WATERMANS SHALL BE DR-18 C900 PVC AND INSTALLED WITH 1.2m MINIMUM COVER UNLESS OTHERWISE NOTED.
3. FOR SCHEDULED WATERMAIN SHUT DOWNS, THE CONTRACTOR MUST NOTIFY THE CONTRACT ADMINISTRATOR, IN WRITING, A MINIMUM OF 5 DAYS BEFORE THE REQUIRED SHUT DOWN.
4. FOLLOWING THE APPROVAL OF THE SHUT DOWN THE CONTRACTOR IS TO NOTIFY ALL AFFECTED WATER CUSTOMERS, IN WRITING, WITH A MINIMUM OF 72 HOURS NOTICE.
5. ALL REASONABLE EFFORTS MUST BE MADE TO LIMIT ALL WATER SERVICE INTERRUPTIONS TO THE HOURS OF 10am to 3pm.
6. ALL NEW WATERWORKS SHALL BE INSTALLED, PRESSURE-TESTED, DISINFECTED, FLUSHED, AND WITNESSED BY A REPRESENTATIVE OF THE CONTRACT ADMINISTRATOR PRIOR TO CONNECTION TO THE VILLAGE OF CUMBERLAND WATER SYSTEM IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, SECTION 3.19 OF MMCD SECTION 33.11.01, AND AWWA STANDARD C651-14-DISINFECTING WATER MAINS. THE MINIMUM TEST-PRESSURE TO BE APPLIED DURING THE PRESSURE TEST IS 1380kPa (200psi) AT THE LOW POINT OF THE TEST, AS PER MMCD TESTING REQUIREMENTS.
7. TRACER WIRE TO BE INSTALLED ON ALL NEW WATER SERVICES. CONTRACTOR TO COMPLETE CONTINUITY TEST ON ALL TRACER WIRES IN THE PRESENCE OF A REPRESENTATIVE OF THE CONTRACT ADMINISTRATOR AFTER THE TRENCH BACK-FILLING HAS BEEN COMPLETED AND PRIOR TO FINAL SURFACE RESTORATIONS.
8. WATER SERVICE PIPE TO BE AWWA C901-22 CL 190 HDPE, AND CONTINUOUS LENGTH BETWEEN THE CORPORATION STOP AND THE METER SETTER. MID-RUN COUPLINGS ARE NOT PERMITTED.
9. EXISTING LONG SIDE SERVICES ARE TO BE TRANSFERRED TO THE NEW WATERMAIN FOLLOWING SUCCESSFUL COMPLETION OF THE TESTING AND DISINFECTION PROCEDURES.
10. NEW SHORT SIDE SERVICES SHALL BE EXTENDED FROM THE NEW WATERMAIN TO THE EXISTING METER SETTERS.
11. ALL ABANDONED WATERMANS, WHERE CUT, SHALL BE CAPPED, COMPLETE WITH GASKET, OR AS AN ALTERNATIVE FILLED WITH A MINIMUM 300mm LENGTH LOW SLUMP, CONCRETE CAP SO THEY ARE FULLY WATER TIGHT.



LOCATION PLAN

DRAWING INDEX	
SHEET	TITLE
01	COVER SHEET
02	PLAN & PROFILE

ISSUED FOR  
**TENDER**

**33252**

PLOT DATE: August 17, 2022

REV NO	REVISIONS	DATE	DRAWN	APPRD
1	DETAILED DESIGN	2022/7/26	CTM	IAM
2	ISSUED FOR TENDER	2022/8/17	CTM	IAM

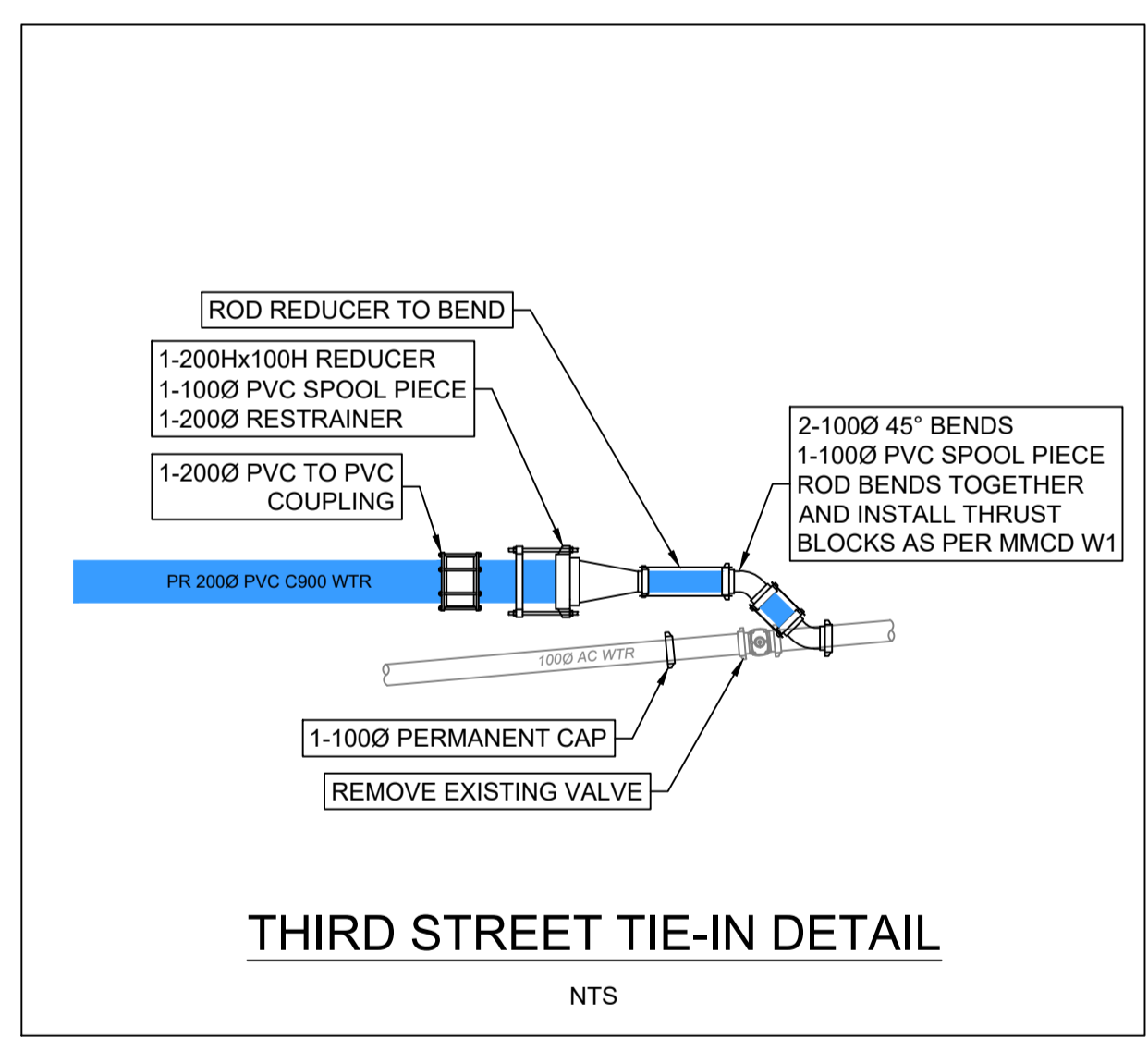
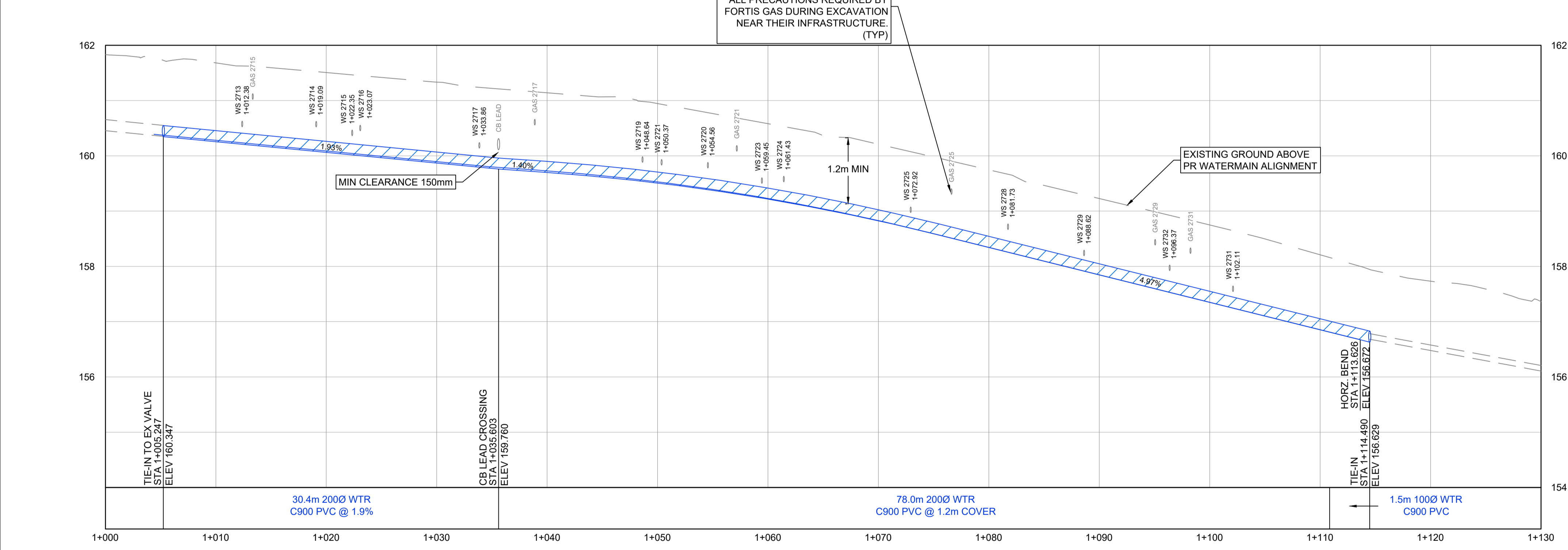
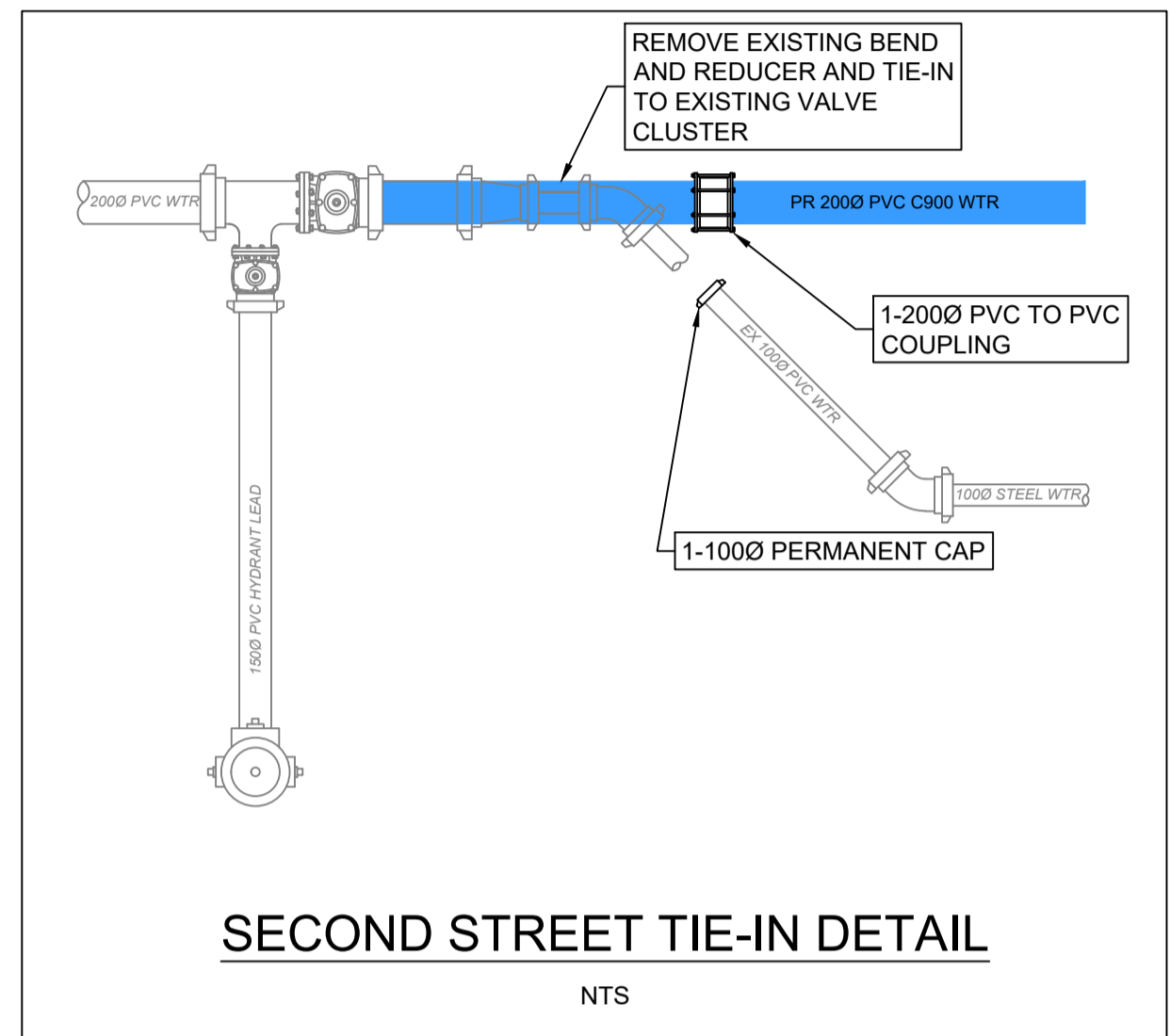
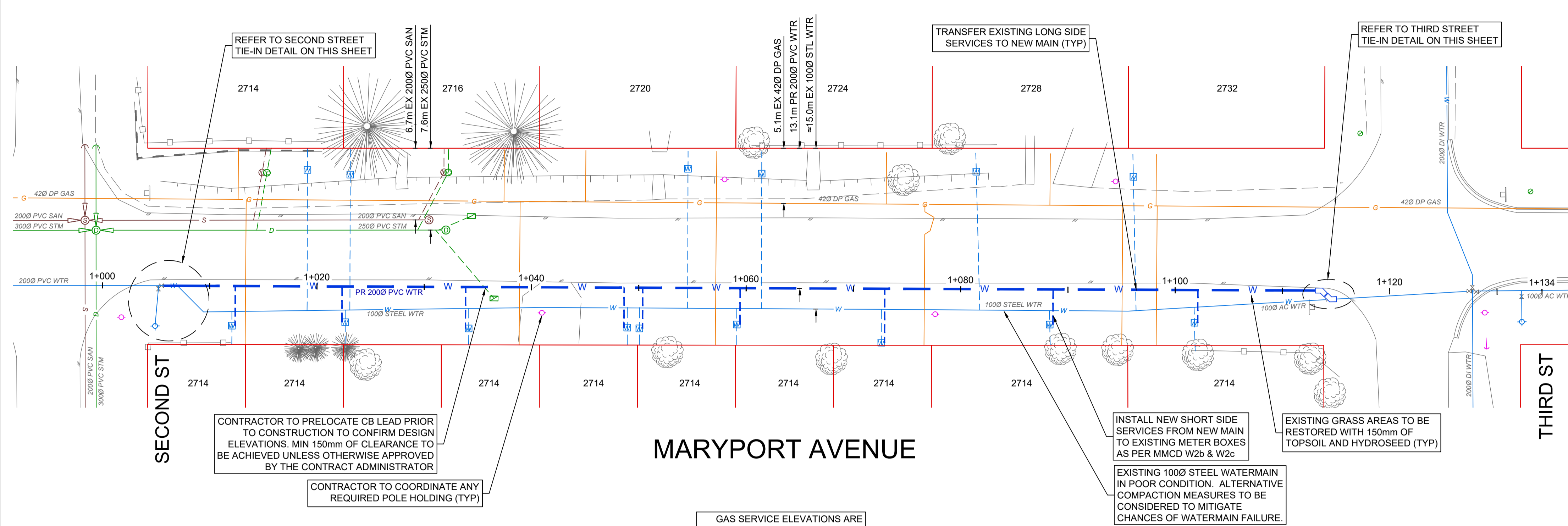
MARYPORT AVENUE  
WATERMAIN REPLACEMENT



1620 Cook St, Victoria, BC V8T 3P1  
T: (250)981-3320 F: (250)469-5756

SCALE	NTS	CREATION DATE	2020/06/15	DWG. NO.
DRAWN BY	CTM	DESIGN BY	CTM	1 OF 2
CHECKED BY	IAM	APPROVED BY	IAM	REV. 2

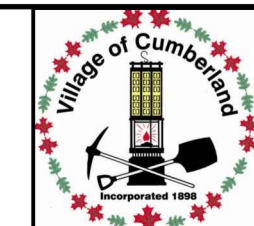
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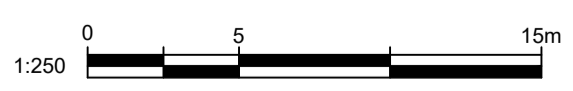
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PLOT DATE: August 17, 2022

REV NO	REVISIONS	DATE	DRAWN	APPRD
1	ALIGNMENT REVIEW	2022/7/13	CTM	IAM
2	DETAILED DESIGN	2022/7/26	CTM	IAM
3	ISSUED FOR TENDER	2022/8/17	CTM	IAM



**WATER WORKS**  
**MARYPORT AVENUE**  
 PLAN AND PROFILE



ISSUED FOR  
**TENDER**

**33252**

SCALE	1:250	CREATION DATE	2020/06/15	DWG. NO.
DRAWN BY	CTM	DESIGN BY	CTM	2 OF 2
CHECKED BY	IAM	APPROVED BY	IAM	2
				REV. 3