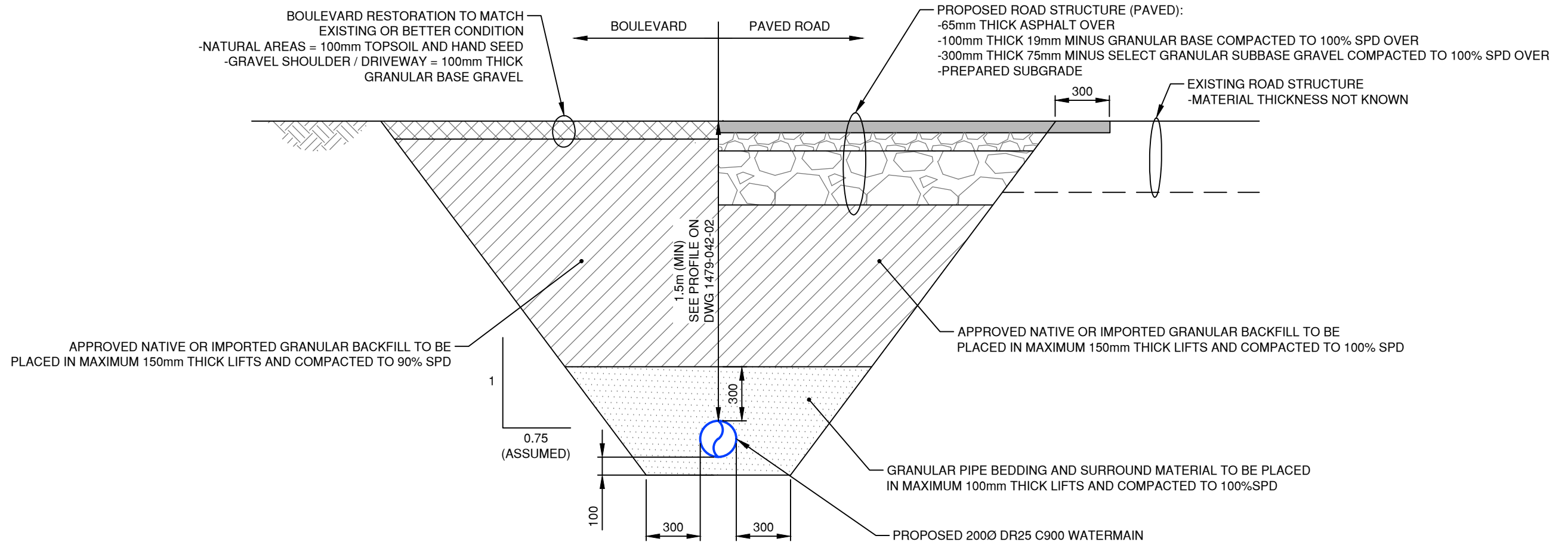


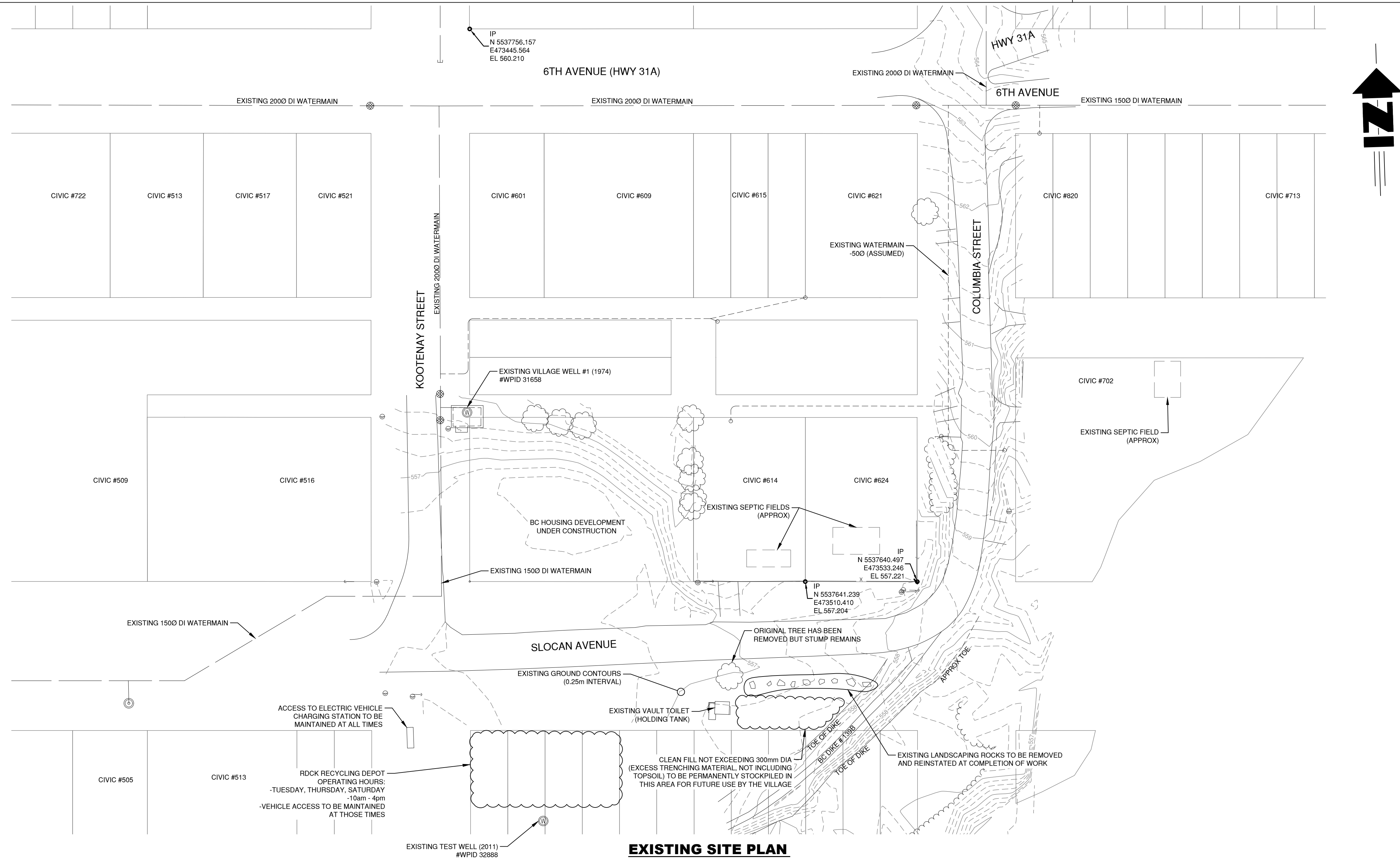
SHEET INDEX	
1479-042-01	LOCATION AND EXISTING SITE PLAN
1479-042-02	PLAN AND PROFILE, 0+000 TO 0+240



- GENERAL NOTES USED DURING CONSTRUCTION**
- ALL WORKS TO BE CONSTRUCTED IN ACCORDANCE WITH MMCD VOLUME II 2019 EDITION, AND THE CONTRACT SPECIFICATIONS.
 - ALL WORK DONE IN CONJUNCTION WITH THESE SPECIFICATIONS AND DRAWINGS MUST COMPLY WITH THE CURRENT OCCUPATIONAL HEALTH AND SAFETY REGULATIONS OF WORKSAFE BC.
 - THE LOCATIONS OF EXISTING INFRASTRUCTURE SHOWN ARE BASED ON FIELD SURVEY AND RECORD DRAWINGS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION OF EXISTING UTILITIES AND REPORT ANY CONFLICT, OMISSION OR DISCREPANCY DIRECTLY TO THE CONTRACT ADMINISTRATOR PRIOR TO COMMENCEMENT OF CONSTRUCTION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PRESERVE AND PROTECT ALL EXISTING WORKS DURING CONSTRUCTION.
 - ALL DIMENSIONS SHOWN IN METERS UNLESS NOTED OTHERWISE.
 - ALL PIPE CURVATURE (HORIZONTAL AND VERTICAL) TO BE ACHIEVED BY DEFLECTION AT JOINTS. PIPE BENDING WILL NOT BE PERMITTED.
 - ALL PIPING THAT IS CUT AND ABANDONED DURING THIS PROJECT IS TO BE CAPPED (PLUGGED WITH CONCRETE) PRIOR TO BURY.
- WATERWORKS NOTES**
- WHEREVER POSSIBLE, BURIED WATERMANS AND SERVICE LINES ARE TO BE LAID AT LEAST 3.0m HORIZONTALLY FROM ANY SANITARY SEWER OR STORM DRAIN, OR, WHERE THIS HORIZONTAL SEPARATION IS NOT POSSIBLE (WHERE WATER AND SEWER LINES MUST CROSS OR SHARE THE SAME TRENCH) THAT WATER LINE SHALL BE AT LEAST 0.45m ABOVE THE SEWER LINE AND TO ONE SIDE OF THE SEWER, OR, IF THE VERTICAL SEPARATION IS NOT POSSIBLE, ALL JOINTS THAT DO NOT COMPLY WITH THE REQUIRED OFFSETS SHALL BE WRAPPED WITH PETROLATUM TAPE IN ACCORDANCE WITH AWWA STANDARDS.
 - AT WATER AND SEWER CROSSINGS, ONE FULL LENGTH OF WATER PIPE SHALL BE CENTRALLY LOCATED SO THAT BOTH JOINTS WILL BE AS FAR FROM CROSSING AS POSSIBLE.
 - WITH REGARDS TO WATER CROSSINGS, 'SEWER' REFERS TO ALL SANITARY AND STORM WATER PIPES AND STRUCTURES.
 - ALL WATER PIPES AND FITTINGS TO BE RATED FOR MINIMUM 165psi WORKING PRESSURE. SYSTEM TO BE TESTED TO 200psi.
 - WATERMANS TO UNDERGO PRESSURE TESTING, DISINFECTION AND FLUSHING IN ACCORDANCE WITH AWWA STANDARDS MANUAL M23 AND C651-14 PRIOR TO CONNECTION TO THE EXISTING WATER DISTRIBUTION SYSTEM.
 - GATE VALVES TO BE CONSTRUCTED WITH GRANULAR BEDDING PER MMCD STANDARD DWG W3.
 - THRUST BLOCKS TO BE CONSTRUCTED PER MMCD STANDARD DWG W1 AT LOCATIONS AS SHOWN ON THIS DRAWING SET, AND WITH BEARING AREAS AS FOLLOWS, UNLESS NOTED OTHERWISE ON DETAILS. BEARING AREAS ARE BASED ON THE TEST PRESSURE OF 200psi (1380 kPa), AND GRANULAR SOIL (SAND) WITH A BEARING CAPACITY OF 100kPa.
- | PIPE DIA. | BEARING AREA (m ²) FOR 200 psi TEST PRESSURE | | | | |
|-----------|--|----------|----------|------------|-------------|
| | TEES / CAPS | 90° BEND | 45° BEND | 22.5° BEND | 11.25° BEND |
| 200mm | 0.6 | 0.8 | 0.5 | 0.3 | 0.2 |
- WATERMAIN PIPE COUPLERS TO BE ROBAR TYPE 1506 OR EQUAL.

- ROADWORKS AND RESTORATION NOTES**
- FINAL HEIGHT OF ALL WATER (VALVE BOXES, CURB STOPS) TO BE ADJUSTED TO MAX 6mm BELOW FINAL GRADE.
 - DISTURBED GROUND SURFACE TO BE RESTORED TO EXISTING CONDITION OR BETTER AT CONSTRUCTION COMPLETION.

LEGEND		
EXISTING	PROPOSED	DESCRIPTION
		SANITARY MAIN
		SANITARY MANHOLE
		LIFT STATION
		SEPTIC TANK
		STORM MAIN
		STORM DITCH
		STORM MANHOLE
		CATCHBASIN
		STORM DRYWELL
		WATER MAIN
		WATER SERVICE
		CURB STOP VALVE
		STANDPIPE
		HYDRANT
		AIR RELEASE VALVE
		REDUCER
		SPRINKLER
		IRRIGATION BOX
		END CAP
		POWER
		TEL
		CABLE
		STREET LIGHT
		GAS
		POWER POLE
		LAMP STANDARD
		LIGHT POST
		POLE ANCHOR
		JUNCTION BOX
		TEST PIT
		IRON PIN
		SURVEY CONTROL



No.	DATE	DESCRIPTION	BY	APPD
1	AUG 31/22	ISSUED FOR APPROVALS	AZ	SW

ISSUES / REVISIONS	

CONSULTANT SEAL

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VILLAGE OF NEW DENVER

SLOCAN AVENUE WATERMAIN LOOPING

LOCATION AND EXISTING SITE PLAN

SCALE	0 1:500 25
DESIGN BY	SW
DRAWN BY	AZ
DATE	AUGUST 2022
PROJECT REFERENCE No.	1479-042
DRAWING No.	SHEET 1 OF 2
1479-042-01	REVISION 1

