

NOTES

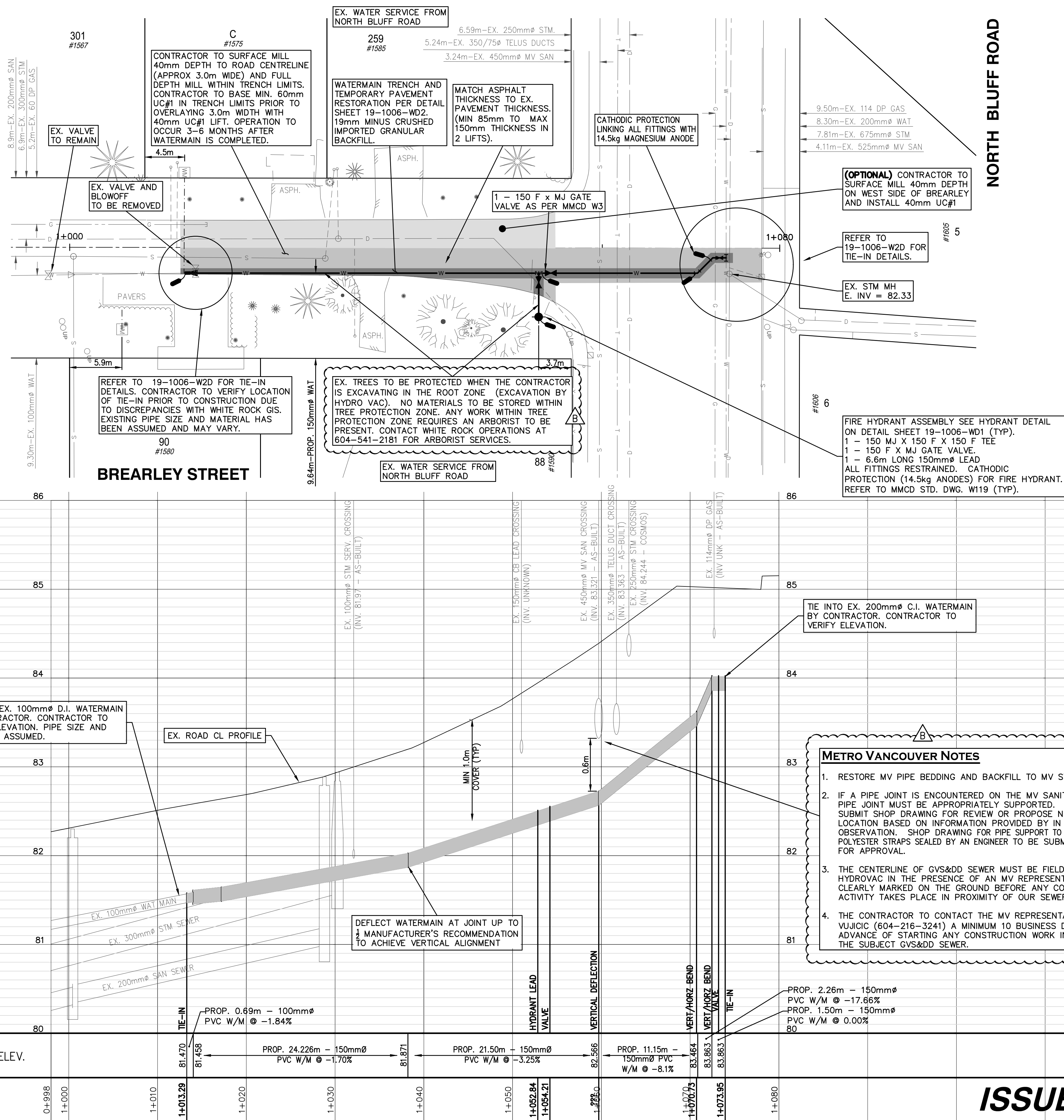
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR'S SURVEYOR TO VERIFY THAT ALL LEGAL SURVEY DIMENSIONS SHOWN ON THE DRAWINGS AGREE WITH THOSE ON THE REGISTERED LEGAL SURVEY PLAN. SHOULD THERE BE ANY DISCREPANCIES, THEN IMMEDIATELY NOTIFY THE CONTRACT ADMINISTRATOR.
- THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY & HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREE TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
- REFER TO SHEET 19-1006-WD1 AND 19-1006-WD2 FOR WATERMAIN DETAILS.
- WATERMAIN CHLORINATED TEST RESULTS AND PRESSURE TESTED RESULTS TO BE PROVIDED TO THE ENGINEER OF RECORD PRIOR TO TIE-IN TO EXISTING MAIN (TYP).
- WATERMAIN TO BE CAPPED AT THE END OF EACH DAY TO PREVENT DITCH WATER FROM ENTERING THE PIPELINE. IF DITCH WATER ENTERS THE PIPE LINE DURING ANY PART OF THE CONSTRUCTION, THE PIPELINE MUST BE SWABBED, DISINFECTED AND TESTED.

JOINT RESTRAINT NOTES:

- ALL PIPE JOINTS WITHIN 3m FROM STORM OR SANITARY SEWERS SHALL BE WRAPPED IN PETROLATUM (DENSO) TAPE.
- PIPE JOINTS SHALL BE RESTRAINED AS PER TABLE ON SHEET 19-1006-WD2 WITH UNI-FLANGE SERIES 1500 "CIRCLE LOCK".
- RESTRAINTS FOR VALVES AND D.I. FITTINGS ARE UNI-FLANGE 1500 SERIES "CIRCLE LOCK".
- PIPE COUPLINGS ARE UNI-FLANGE RCDD/RCRP

CATHODIC PROTECTION NOTES:

- CATHODIC PROTECTION AT EACH WATERMAIN FITTING (7.7kg) UNLESS OTHERWISE NOTED. REFER TO DETAIL ON SHEET 19-1006-WD2.
- FOR JOINT CONTINUITY REFER TO MMCD W106.
- FOR WIRE FASTENING DETAIL REFER TO MMCD W107.
- PROVIDE 2 CONTINUITY BOND CONNECTIONS PER FITTING.
- INSTALL ANODES PARALLEL TO CONNECTING PIPE.
- ALL BELOW GROUND D.I. FITTINGS TO BE COATED WITH PRIMER AND PETROLEUM TAPE (DENSO).

**BENCHMARK:**

MON. 88H3860 LOCATED AT
INTERSECTION OF KERFOOT RD & NORTH BLUFF RD 81.880

LEGEND

- SURFACE MILL
- SURFACE MILL (OPTIONAL)

- CONTRACTOR TO VERIFY ALL TIE-IN SIZES, LOCATIONS, AND ELEVATIONS PRIOR TO CONSTRUCTION.
- WATERMAIN CONNECTIONS TO EXISTING MAINS SHALL BE COMPLETED BY CONTRACTOR UNDER SUPERVISION OF CITY OF WHITE ROCK WATER UTILITY STAFF.
- SERVICE CONNECTION PIPE TO RESIDENTIAL LOTS SHALL BE 38mm POLYETHYLENE PRESSURE CLASS 160 PIPE (AWWA C901), UNLESS NOTED ON DRAWING

METRO VANCOUVER NOTES

- RESTORE MV PIPE BEDDING AND BACKFILL TO MV STANDARDS.
- IF A PIPE JOINT IS ENCOUNTERED ON THE MV SANITARY MAIN, THE PIPE JOINT MUST BE APPROPRIATELY SUPPORTED. CONTRACTOR TO SUBMIT SHOP DRAWING FOR REVIEW OR PROPOSE NEW CROSSING LOCATION BASED ON INFORMATION PROVIDED BY IN FIELD OBSERVATION. SHOP DRAWING FOR PIPE SUPPORT TO BE BY NYLON OR POLYESTER STRAPS SEALED BY AN ENGINEER TO BE SUBMITTED TO MV FOR APPROVAL.
- THE CENTERLINE OF GVS&DD SEWER MUST BE FIELD LOCATED BY HYDROVAC IN THE PRESENCE OF AN MV REPRESENTATIVE AND CLEARLY MARKED ON THE GROUND BEFORE ANY CONSTRUCTION ACTIVITY TAKES PLACE IN PROXIMITY OF OUR SEWER.
- THE CONTRACTOR TO CONTACT THE MV REPRESENTATIVE, BOJAN VUJICIC (604-216-3241) A MINIMUM 10 BUSINESS DAYS IN ADVANCE OF STARTING ANY CONSTRUCTION WORK IN PROXIMITY TO THE SUBJECT GVS&DD SEWER.

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CLIENT

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DRAWING DESCRIPTION

**2019 WATER UTILITY CAPITAL WORKS
BREARLEY STREET
BREARLEY WATERMAIN**

SURVEYED BY TA
DRAWN BY GS
DESIGNED BY GS
CHECKED BY RA

SCALES
H 1:250
V 1:25
0 10m
0 1m

DATE March 31, 2020

DRAWING No.

19-1006-W2

SHEET 3 OF 4

REV. B

DESTROY ALL PRINTS BEARING PREVIOUS No.