

IMPORTANT:
CONTRACTOR IS RESPONSIBLE TO SCOPE AND EXPOSE EX. UTILITIES/SERVICES, AND RECORD LOCATION, SIZE & INVERT ELEVATIONS AT PROP. OR POTENTIAL CROSSINGS PRIOR TO CONSTRUCTION. THE AS-BUILT UNDERGROUND INFORMATION SHOWN ON THIS DRAWING IS DERIVED FROM THIRD PARTY RECORDS AND VECTOR ENGINEERING IN NO WAY WARRANTS ITS ACCURACY. REPORT ANY DISCREPANCIES AND/OR CONFLICTS TO CONTRACT ADMINISTRATOR PRIOR TO CONSTRUCTION.

PROP. TRENCH RESTORATION AS PER
DETAIL 1, THIS SHEET

PROP. TRENCH RESTORATION AS PER
DETAIL 2, THIS SHEET

EX SMALL CONIFER TREE TO
BE RELOCATED IN THE
PRESENCE AND AT LOCATION
SPECIFIED BY CITY ARBORIST

PROP 300Ø PVC SDR35 STM PIPE.
DESIGN TO CONVEY RUNOFF
FROM REGULAR STORM EVENTS.
RUNOFF FROM HEAVIER STORM
EVENT WILL BACKUP INTO THE
NEW 450Ø STM LINE AND
OVERFLOW ONTO THE 600Ø STM
LINE TOWARDS EWEN

PROP 450Ø PVC SDR35 STM
INSTALLED BETWEEN THE
ENDS OF EX STM MAINS.
INFILL EX DITCH WITH
STRUCTURAL FILL COVERED
BY 150mm TOPSOIL & SEED

RETURN EX HEADWALL TO
CITY OPERATIONS YARD

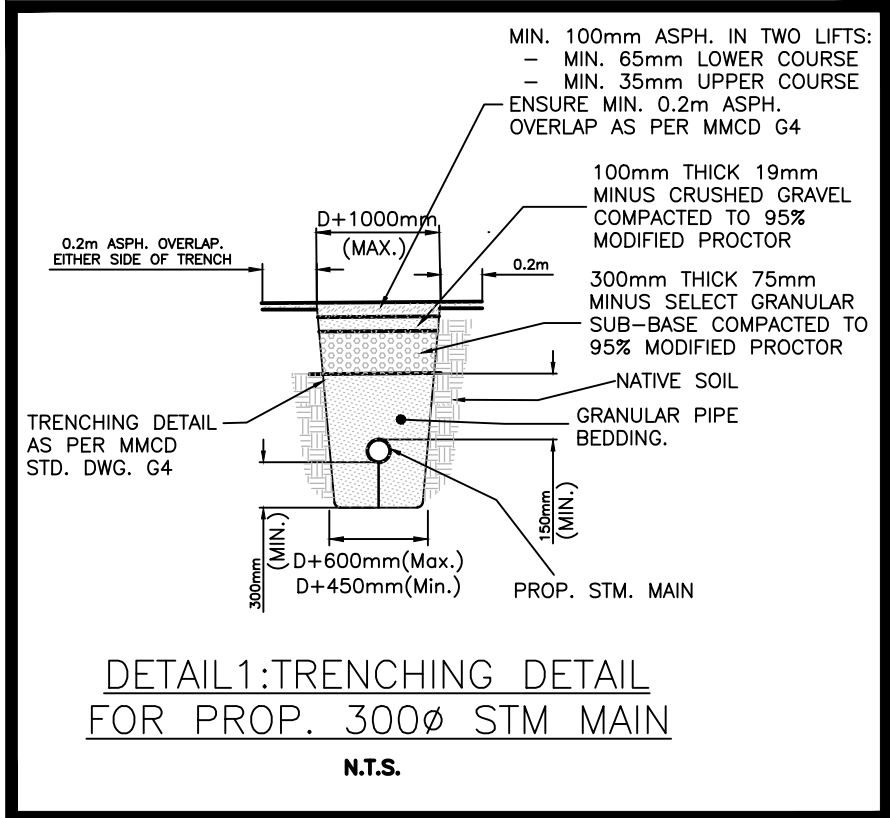
SET MH RIM TO THE NE
SIDE OF THE MANHOLE,
TO AVOID CONFLICT
WITH FUTURE CURB

CONNECT TO NEW MAIN
ALL EX 100Ø STM CONN
ALONG THE DITCH TO
BE INFILLED (TYP)

PROP MMCD S12 TYPE 2 LAWN
DRAIN. RIM TO SUIT EX LOW
POINT. TIE W/ 150Ø PVC SDR28
CB LEAD TO THE NEW MAIN (TYP)

THE SEAL ON THIS DRAWING SIGNIFIES
CERTIFICATION OF CIVIL ENGINEERING
ASPECTS OF THIS SITE, BUT DOES NOT
SIGNIFY RESPONSIBILITY FOR GEOTECHNICAL
OR ENVIRONMENTAL ENGINEERING DESIGN.
IN NO WAY DOES VECTOR ENGINEERING
SERVICES LTD. OR ITS EMPLOYEES ACCEPT
LIABILITY OR WARRANTY THE WORK WITH
RESPECT TO THE EFFECT OF SETTLEMENT
ON THE CIVIL WORKS.

DATUM-GEODETIC
BENCHMARK: MON. 89H6022
DYKE RD. & JARDINE ST.
ELEV = 3.98m



GENERAL SEWER NOTES

1. ASPHALT CUTS SHALL BE STRAIGHT WITH CLEAN VERTICAL EDGES.
2. ALL PROPOSED WORKS SHALL BE INSPECTED BY THE CONTRACT ADMINISTRATOR.
3. ALL UTILITY COVERS AND JUNCTION BOXES ETC. TO BE ADJUSTED TO PROPOSED ROAD ELEVATIONS.
4. ALL SEWER MANHOLES TO BE 1050mm REINFORCED CONC. AS PER MMCD DWG S-1 UNLESS OTHERWISE NOTED.
5. CONTACT CITY OF NEW WESTMINSTER - HOUMAN HEDAYATNASSAB hhedayatnassab@newwestcity.ca, AND VECTOR ENGINEERING SERVICES LTD 604 298 2333 MIN. 48 HOURS PRIOR TO CONSTRUCTION TO ARRANGE FOR INSPECTIONS
6. CONTACT CITY OF NEW WESTMINSTER 48 HOURS PRIOR TO CONSTRUCTION TO ARRANGE FOR NO PARKING SIGNAGE.
7. ALL SEWER PIPES TO BE INSTALLED WITH GASKETED JOINTS UNLESS OTHERWISE NOTED.
8. REINSTATE ALL DISTURBED BOULEVARDS, SHOULDERS, SIDEWALKS, DRIVEWAYS, AND PAINT MARKINGS TO ORIGINAL CONDITION OR BETTER CONDITIONS. FULL PANEL REPLACEMENT REQUIRED FOR ALL CONCRETE SIDEWALK AND DRIVEWAYS.
9. CAP ALL EXISTING CB LEADS TO COMBINED SEWER AT THE EX. MAIN WITH A WATER TIGHT ENCASMENT.
10. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE CITY OF NEW WESTMINSTER'S SUBDIVISION AND DEVELOPMENT BYLAW NO. 7142. 2007, THE MASTER MUNICIPAL CONSTRUCTION DOCUMENTS (MMCD) (PLATINUM EDITION), SUPPLEMENTAL UPDATES AND STANDARD DETAIL DRAWINGS, UNLESS SPECIFIED OTHERWISE
11. INFORMATION ON THE DRAWINGS REGARDING EXISTING UTILITIES WAS COMPILED FROM MUNICIPAL RECORD DRAWINGS, CONSTRUCTION DRAWINGS AND FIELD SURVEYS. THIS INFORMATION IS NOT NECESSARILY ACCURATE OR COMPLETE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO IMMEDIATELY REPORT ANY DISCREPANCIES TO VECTOR ENGINEERING AT (604) 298-2333 IF REMEDIAL ACTION IS REQUIRED. ANY CLAIMS RESULTING FROM FAILURE TO DO SO SHALL BE AT THE CONTRACTOR'S EXPENSE.
12. ALL UTILITIES AND SERVICES CROSSING THE PROPOSED UTILITY, AND TIE-IN LOCATIONS SHALL BE LOCATED AND EXPOSED. PRELOCATION SHALL BE DONE IN ADVANCE OF UTILITY INSTALLATION, WHICH PROVIDES ENOUGH DISTANCE FOR ADJUSTMENT IN LINE AND GRADE TO BE MADE TO SUIT FIELD CONDITIONS. ANY CLAIMS RESULTING FROM THE CONTRACTOR'S FAILURE TO DO SO SHALL BE AT THE CONTRACTOR'S EXPENSE.
13. CONTRACTOR SHALL PHOTOGRAPH PRIOR TO CONSTRUCTION ANY EXISTING FEATURES TO BE DISTURBED. THE CONTRACTOR SHALL RESTORE ALL DISTURBED PAVEMENT, CURBS, SIDEWALKS, LANDSCAPING, FENCES OR ANY OTHER FEATURES AFFECTED BY THE CONSTRUCTION WORK TO THE ORIGINAL CONDITION OR BETTER, AND TO THE SATISFACTION OF THE CONSULTANT.
14. CONTRACTOR TO NOTIFY FORTIS BC, TELUS, AND NEW WESTMINSTER ELECTRICAL DEPARTMENT DIRECTLY, AT LEAST 48HRS PRIOR TO WORKING IN AREAS OF THESE EXISTING UTILITIES.
15. ANY CHANGES TO THE DESIGN MUST BE APPROVED IN WRITING BY VECTOR ENGINEERING AND THE CITY OF NEW WESTMINSTER. FAILURE TO NOTIFY VECTOR AND CITY OF NEW WESTMINSTER IN ADVANCE OF CHANGES MAY RESULT IN REJECTION OF WORK.
16. CONTRACTOR IS RESPONSIBLE FOR TRAFFIC CONTROL, WHICH SHALL BE IN ACCORDANCE WITH WorkSafeBC, AND TERMS AND CONDITIONS OF ANY MUNICIPAL PERMITS.
17. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FOR WORK WITHIN THE CITY ROAD ALLOWANCE.
18. RESIDENTS DIRECTLY AFFECTED BY CONSTRUCTION SHALL BE GIVEN ONE WEEK WRITTEN NOTICE OF THE START OF CONSTRUCTION. IF CONSTRUCTION ENTERS ONTO PRIVATE PROPERTY, THE CONTRACTOR WILL REQUIRE WRITTEN AUTHORIZATION FROM THE PROPERTY OWNERS.
19. THE CONTRACTOR SHALL COORDINATE WITH THE RESIDENT THE REMOVAL OR RELOCATION OF ALL PRIVATE STRUCTURE(S) WITHIN THE CITY RIGHT OF WAY THAT MAY BE IMPACTED BY CONSTRUCTION.
20. CONTRACTOR SHALL SUPPLY ALL MATERIALS AND FITTINGS REQUIRED FOR THE TIE-INS.
21. LOCATION OF SERVICE CONNECTIONS WERE COMPILED FROM AS-BUILT DRAWINGS AND SERVICE RECORD CARDS. CONTRACTOR TO LOCATE AND VERIFY AS REQUIRED. LOTS WITH MISSING RECORDS SHOWING SERVICE CONNECTIONS ARE ILLUSTRATIVE ONLY; CONTRACTOR TO VERIFY ALL LOCATIONS.
22. CONTRACTOR TO PROVIDE TREE PROTECTIVE FENCING AND FOLLOW ALL TREE PROTECTION REQUIREMENTS PER THE CITY OF NEW WESTMINSTER'S TREE PROTECTION BYLAW NO. 7799, 2016.
23. PRIOR TO RECEIVING SUBSTANTIAL COMPLETION, THE CONTRACTOR SHALL SUBMIT A COPY OF COMPLETED REDLINE AS-BUILT DRAWINGS TO THE CONTRACT ADMINISTRATOR'S SATISFACTION
24. TRENCH RESTORATION TO BE DONE AS PER MMCD STD DWG G4 AND G5

PLOT DATE: October 13, 2020

REV NO	REVISIONS	DATE	DRAWN	DESIGN
0	FIRST SUBMISSION	17 SEP 2020	NT	VR
1	REVISED PER CITY COMMENTS	25 SEP 2020	NT	VR
2	REVISED PER CITY COMMENTS	05 OCT 2020	NT	VR
3	REVISED TRENCH DETAIL	13 OCT 2020	NT	VR



STORM
SEWER

JARDINE STREET
200 BLOCK



VECTORENG.ca
604 298-2333

DESIGN

DESIGN NO.

SCALE	1:250H 1:25V (24"X34" PAPER)	START DATE	JUNE 2020	D01 01 OF 02 REV. 3
DRAWN BY	NT	DESIGN BY	NT	
CHECKED BY	VR	APPROVED BY	-	
VECTOR JOB NO.	19 - 2483 - 20	CLIENT	---	

DESTROY ALL PRINTS BEARING PREVIOUS NO.

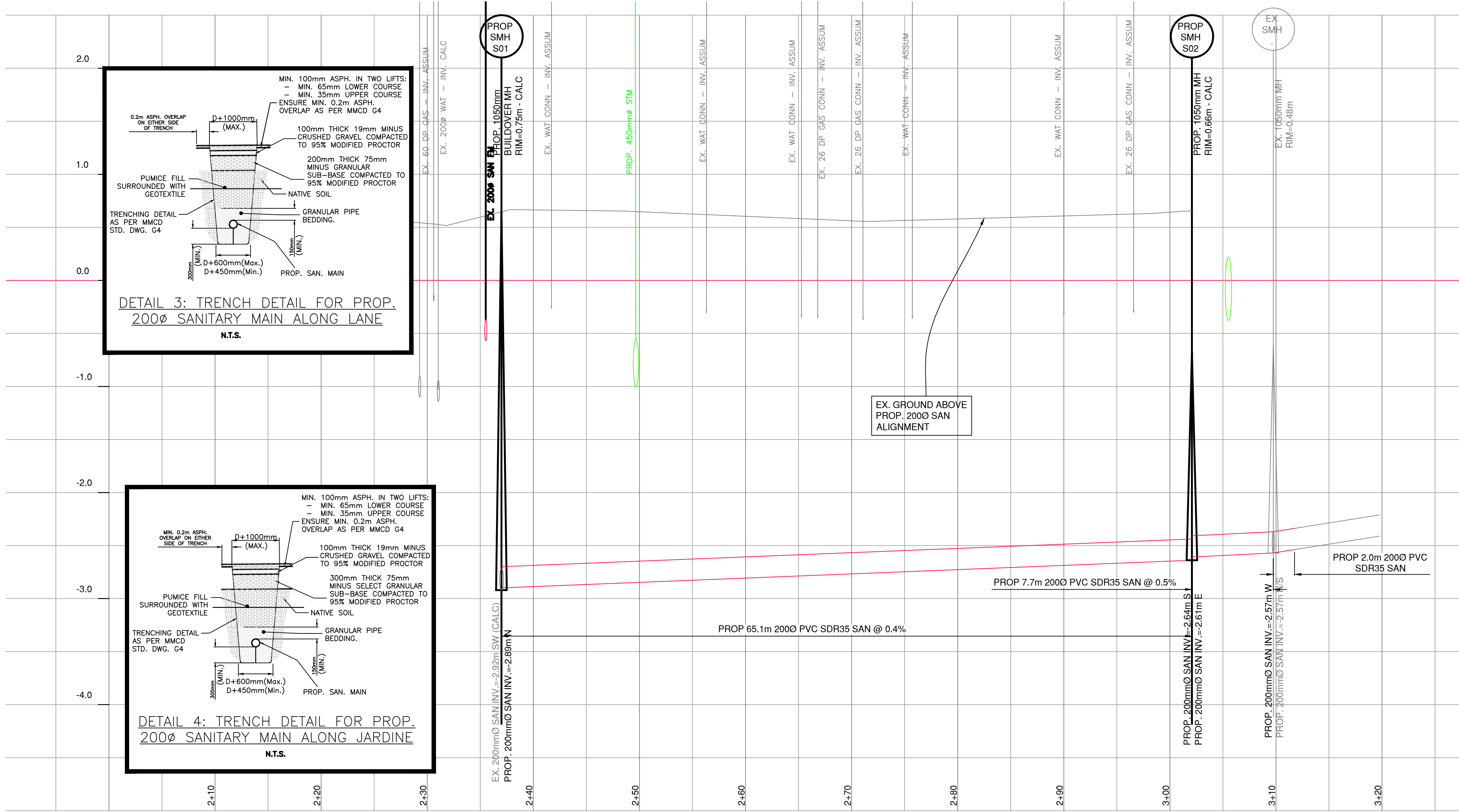
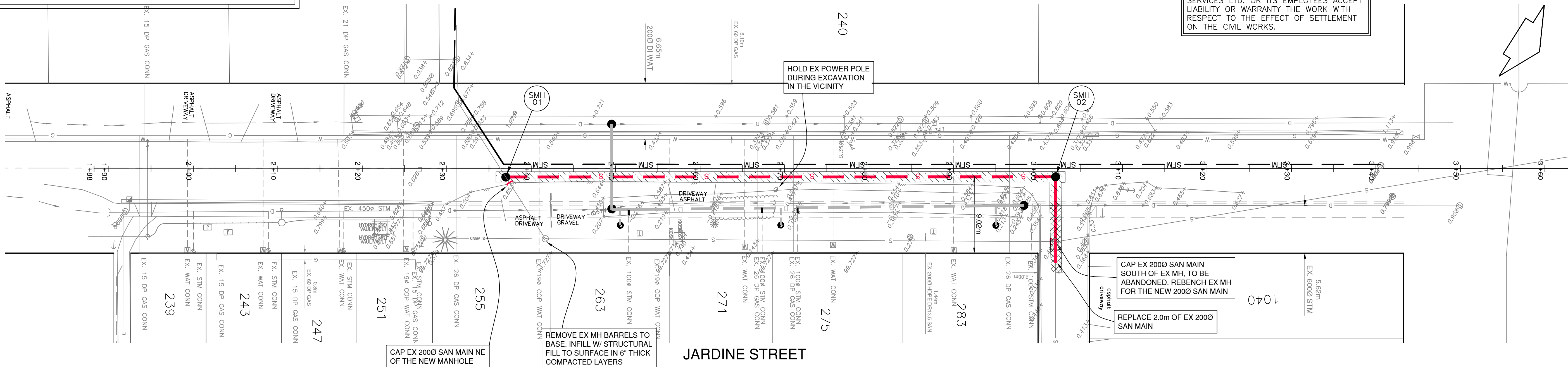
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DETAIL 3, THIS SHEET

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DETAIL 4, THIS SHEET

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PLOT DATE: October 6, 2020

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SEWER

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200 BLOCK



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604 298-2333

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DRAWN BY	NT	DESIGN BY	NT	S01
CHECKED BY	VR	APPROVED BY	-	02 OF 02
VECTOR JOB NO.	19 - 2483 - 20	CLIENT	---	REV. 1

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