



CITY OF COQUITLAM

CULVERT REHABILITATION

CAPEHORN AVENUE

DRAWING REF: 34136

PROJECT EXTENT:



LOCATION PLAN
1:1000

DRAWING SCHEDULE		
SHEET NUMBER	SHEET TITLE	SHEET DESCRIPTION
00	CAPE HORN AVENUE	COVER
01	CAPE HORN AVENUE	GENERAL NOTES
02	CAPE HORN AVENUE	KEY PLAN
03	CAPE HORN AVENUE	CULVERT REHABILITATION
04	CAPE HORN AVENUE	OVERFLOW CULVERT
05	CAPE HORN AVENUE	PERMANENT RESTORATION
06	CAPE HORN AVENUE	TYPICAL DETAILS
07	CAPE HORN AVENUE	TREE REMOVAL AND PROTECTION PLAN
08	CAPE HORN AVENUE	ESC PLAN

PROJECT SURVEY CONTROL				
NAME	TYPE	NORTHING	EASTING	ELEVATION
C1	CONTROL NAIL	5456285.4769	513025.9052	26.5280
C2	CONTROL NAIL	5456283.9989	513100.4922	26.0590
C3	CONTROL NAIL	5456241.2299	513110.4812	22.2390

ISSUED: 2026/02/18
ISSUED FOR TENDER



GENERAL NOTES:

- ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE FOLLOWING:
 - MASTER MUNICIPAL CONSTRUCTION DOCUMENTS (2019);
 - CITY OF COQUITLAM SUPPLEMENTARY SPECIFICATIONS AND DETAILED DRAWINGS TO MMCD;
 - CITY OF COQUITLAM LIST OF APPROVED MATERIALS;
 - CITY OF COQUITLAM STORMWATER MANAGEMENT POLICY AND DESIGN MANUAL
 - MINISTRY OF FORESTS, LANDS, NATURAL RESOURCE OPERATIONS AND RURAL DEVELOPMENT AND/OR FEDERAL DEPARTMENT OF FISHERIES AND OCEANS
 - WORKSAFEBC, LATEST EDITION
 - MINISTRY OF TRANSPORTATION "BC TRAFFIC CONTROL MANUAL FOR WORK ON ROADWAYS", LATEST EDITION
 - CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN

THE CONTRACTOR SHALL BE FAMILIAR WITH THE ABOVE DOCUMENTS AND SHALL ENSURE THAT ALL SUB CONTRACTORS ARE THOROUGHLY FAMILIAR WITH THE APPLICABLE SECTIONS OF THE DOCUMENTS.
- THE LOCATION OF EXISTING UTILITIES IS COMPILED FROM OWNER AND UTILITY SUPPLIED RECORD DRAWINGS AND ARE CONSIDERED APPROXIMATE ONLY. THE EXACT LOCATION AND EXTENT OF UTILITIES SHOULD BE DETERMINED BY CONSULTING THE LOCAL AUTHORITIES AND UTILITY COMPANIES CONCERNED. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION AND INVERT ELEVATION BY HAND OR HYDROVAC EXCAVATION BEFORE CONSTRUCTION OF UTILITY CROSSINGS AND SHALL BE RESPONSIBLE FOR RESTORATION OF ANY DAMAGE TO EXISTING UTILITIES. ANY COSTS ASSOCIATED WITH UTILITY CONFLICTS THAT WERE NOT PRELOCATED WILL BE THE CONTRACTOR'S RESPONSIBILITY.
- NOTIFY THE CITY OF COQUITLAM 48 HOURS IN ADVANCE OF ANY CONSTRUCTION OR UTILITY RELOCATION.
- REPORT ANY DISCREPANCIES TO THE DESIGN ENGINEER A MIN 72 HOURS PRIOR TO CONSTRUCTION.
- ALL SURVEY MONUMENTS WITHIN THE PROJECT BOUNDARIES SHALL BE PROTECTED DURING THE COURSE OF THE WORK. SHOULD ANY SURVEY MONUMENT REQUIRE RAISING OR RELOCATION, THE CONTRACTOR SHALL NOTIFY THE CITY ENGINEERING AND OPERATIONS DEPARTMENT AT LEAST 72 HOURS IN ADVANCE OF SCHEDULING WORK. ALL DISTURBED MONUMENTS WILL BE REPLACED BY A B.C. LAND SURVEYOR AT THE CONTRACTOR'S EXPENSE.
- SURVEY PINS DISTURBED DURING THE COURSE OF CONSTRUCTION SHALL BE REPLACED BY A B.C. LAND SURVEYOR AT THE CONTRACTOR'S EXPENSE.
- ALL PUBLIC ROADWAYS AFFECTED BY THE WORKS SHALL BE KEPT IN A CLEAN STATE AT ALL TIMES. DUST CONTROL MEASURES SHALL ALSO BE EMPLOYED DURING THE COURSE OF THE WORK.
- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES, AND FOR COORDINATING THE VARIOUS PARTS OF THE WORK. THE CONTRACTOR IS RESPONSIBLE TO ENSURE THAT THERE IS NO DISRUPTION TO SERVICE, AND IF DISRUPTION IS ANTICIPATED, TO NOTIFY THE DESIGN ENGINEER A MINIMUM OF 72 HOURS PRIOR, AND OBTAIN APPROVAL FOR THE DISRUPTION.
- THE CONTRACTOR SHALL PROVIDE TEMPORARY UTILITY POLE SUPPORTS NECESSARY TO COMPLETE THE WORKS AS AN INCIDENTAL ITEM TO GENERAL CONTRACT REQUIREMENTS WHERE AND AS REQUIRED.
- CONTRACTOR TO MAINTAIN AN UP TO DATE SET OF AS-CONSTRUCTED DRAWINGS AT ALL TIMES. AS-CONSTRUCTED DRAWINGS TO BE DELIVERED TO THE ENGINEER AT SUBSTANTIAL PERFORMANCE FOR PREPARATION OF FINAL RECORD DRAWINGS. THE ENGINEER SHALL BE PROVIDED ACCESS TO REVIEW THE AS-CONSTRUCTED DRAWINGS AT ALL TIMES TO CONFIRM THEY ARE UP TO DATE.
- THE CONTRACTOR SHALL MAINTAIN THE PROVISIONS FOR EROSION AND SEDIMENT CONTROL.
- THE CONTRACTOR SHALL REPAIR OR REPLACE ANY EXISTING STREETS, SIDEWALKS, WHEELCHAIR LETDOWNS, SERVICES, SIGNS, LANDSCAPING, DRIVEWAY LETDOWNS, PRIVATE LANDSCAPING, OR PRIVATE IMPROVEMENTS THAT MAY BE DAMAGED AS A RESULT OF CONSTRUCTION. REPAIRS TO EXISTING CITY SERVICES SUCH AS WATER, SANITARY SEWER AND STORM SEWER, SHALL BE MADE BY THE CITY AT COST TO THE CONTRACTOR. REPAIRS TO EXISTING SURFACE WORKS MAY BE DONE BY THE CONTRACTOR AT THE DISCRETION OF THE CITY.
- RESTORATION OF EXISTING ROADWAYS, DRIVEWAYS, CURBS, STAIRS AND WALKWAYS TO CONFORM TO CITY SPECIFICATIONS AND BE INCIDENTAL TO THE UNIT PRICES IN THE CONTRACT. PROTECTION OF EXISTING UTILITIES, SHRUBS AND TREES TO BE INCIDENTAL TO THE UNIT PRICES IN THE CONTRACT.
- SURVEY IS BASED UPON NAD83 UTM GROUND COORDINATES. SURVEY BASED ON LOCAL VERTICAL DATUM
- THE CONTRACTOR SHALL PROVIDE TEMPORARY HOT MIX ASPHALT PATCHING TO CITY REQUIREMENTS AT ALL NECESSARY LOCATIONS. USE OF COLD MIX IS NOT ACCEPTABLE. TEMPORARY PATCHING OF SIDEWALKS AND CURBS AND GUTTERS IS ALSO TO BE MADE WITH HOT MIX AND MEET THE EXISTING SURFACE.
- FIGURED DIMENSIONS WILL GOVERN OVER SCALED DIMENSIONS.
- ALL TESTING OF MATERIAL AND COMPACTION SHALL BE PERFORMED BY A CERTIFIED TESTING AGENCY UNDER THE DIRECTION OF THE CONTRACT ADMINISTRATOR OR APPROVED REPRESENTATIVE. COPIES OF THE TESTING REPORT SHALL BE SUBMITTED TO THE CITY AND THE CONTRACT ADMINISTRATOR AS SOON AS IN RECEIPT.
- ALL SHOP DRAWINGS SHALL BE REVIEWED BY ISL ENGINEERING AND LAND SERVICES LTD. PRIOR TO FABRICATION.
- CONTRACTOR SHALL SUBMIT A BYPASS MANAGEMENT AND SITE ISOLATION PLAN AS PER THE CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN FOR THE APPROVAL OF THE CONTRACT ADMINISTRATOR A MINIMUM OF 10 WORKING DAYS PRIOR TO CONSTRUCTION.

TRAFFIC MANAGEMENT, NOTIFICATION AND APPROVALS NOTES:

- THE CONTRACTOR SHALL PROVIDE CONSTRUCTION SIGNAGE, BARRIERS, FLASHING INDICATORS, ETC. AT ALL TIMES TO ENSURE THE SAFETY OF THE PUBLIC. TRAFFIC CONTROL WILL BE REQUIRED FOR ALL CONSTRUCTION WORKS WITHIN THE TRAVELED PORTION OF THE ROAD. NO ROAD SHALL BE CLOSED WITHOUT THE WRITTEN CONSENT OF THE DIRECTOR OF ENGINEERING AND OPERATIONS.
- 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.
- THE CONTRACTOR SHALL ENSURE THAT ALL APPROVALS REQUIRED FOR THE PROPOSED WORKS HAVE BEEN OBTAINED FROM ALL AUTHORITIES AND AGENCIES PRIOR TO COMMENCING THE WORK.
- THE CONTRACTOR SHALL ARRANGE FOR, AND COORDINATE THE WORKS DONE BY:
 - CITY OF COQUITLAM; AND
 - FRANCHISE UTILITIES (BC HYDRO, FORTIS GAS, BC TRANSMISSION CORP., SHAW CABLE, TELUS AND METRO VANCOUVER).
- THE CONTRACTOR SHALL CONTACT THE APPROPRIATE PERSONNEL AT LEAST 72 HOURS PRIOR TO THE WORK. SCHEDULING AND OTHER CONSTRUCTION CONSTRAINTS IMPOSED BY THESE WORKS SHALL BE TAKEN INTO ACCOUNT.
- RESIDENTS DIRECTLY AFFECTED BY CONSTRUCTION OF THESE WORKS AND SERVICES SHALL BE GIVEN 5 DAYS WRITTEN NOTICE OF THE PROPOSED START OF CONSTRUCTION. THE CONTRACTOR IS TO DISTRIBUTE A NOTICE OF CONSTRUCTION LETTER TO ALL AFFECTED RESIDENTS AND BUSINESSES. LETTER TO DIRECT INQUIRIES TO CONTRACT ADMINISTRATOR. FOLLOWING CONSTRUCTION ACTIVITY ON ANY PRIVATE PROPERTY, A WRITTEN RELEASE MAY BE REQUIRED FROM THE PROPERTY OWNER AT THE DISCRETION OF THE CITY.
- A TRAFFIC AND PEDESTRIAN SAFETY CONTROL PLAN SHALL BE SUBMITTED BY THE CONTRACTOR PRIOR TO THE PRE-CONSTRUCTION MEETING.
- APPROVALS FOR REQUIRED TREE CUTTING OR TRIMMING NOT INDICATED IN CONTRACT DRAWINGS SHALL BE OBTAINED BY THE CONTRACTOR FROM THE CITY PRIOR TO WORK BEING PERFORMED.
- CONTRACTOR TO OBTAIN APPROVED LANE CLOSURE REQUEST FORM FOR ALL WORKS. APPROVED REQUESTS ARE CIRCULATED TO ALL EMERGENCY SERVICES.
- CONTRACTOR TO SUBMIT A TRAFFIC MANAGEMENT PLAN WITH LANE CLOSURE REQUEST FOR ALL MAJOR ROADS AND ANY LOCAL ROADS WHICH REQUIRE ANY DETOURS.
- APPROVAL OF NOISE VARIANCE FOR ALL WORK OUTSIDE OF NORMAL APPROVED WORK HOURS REQUIRED BY THE CITY.
- NOTICE OF CONSTRUCTION SIGNS TO BE INSTALLED AT ALL PROJECT LIMITS AND PREFERRED DETOUR ROUTE. NOTIFY CONTRACT ADMINISTRATOR WITH CONSTRUCTION SCHEDULE AND LOCATIONS. SIGNS PROVIDED AND INSTALLED BY THE CONTRACTOR.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR COMPLETION OF ALL TEMPORARY AND PERMANENT PAINT AND THERMOPLASTIC PAVEMENT MARKINGS IN THE PLACE OF THE WORK. PERMANENT LANE MARKINGS ARE TO BE PLACED WITHIN SEVENTY-TWO (72) HOURS OF FINAL PAVING AND PERMANENT THERMOPLASTIC PAVEMENT MARKINGS ARE TO BE PLACED WITHIN FIVE (5) DAYS OF FINAL PAVING. ALL TEMPORARY MARKINGS TO BE REMOVED IMMEDIATELY FOLLOWING PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- THE CONTRACTOR SHALL FAMILIARIZE THEMSELVES WITH THE TRAFFIC MANAGEMENT DETAILED SPECIFICATIONS IN THE CONTRACT DOCUMENTS.

GENERAL NOTES

- ALL SEWER LATERAL CONNECTION SIZES AND LOCATIONS ARE TAKEN FROM CCTV INSPECTION REPORTS. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING LATERAL SIZES AND LOCATIONS.
- REINSTATE LIVE AND CAPPED LATERALS WHEN RELINING. FOR RELINING, SEAL LATERAL INTERFACE AT MAIN. CONTRACTOR TO VERIFY STATUS OF LATERALS.
- OTHER UNDERGROUND UTILITIES ARE NOT SHOWN. EXISTING UTILITY SERVICES TO PROPERTIES MAY NOT BE SHOWN. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING THESE UTILITIES IN FIELD.
- INFORMATION SHOWN ON THESE DRAWINGS REGARDING EXISTING UTILITIES HAS BEEN COMPILED FROM THE CITY OF COQUITLAM RECORDS AND MAY NOT BE COMPLETE OR FULLY ACCURATE.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXPOSE AND CONFIRM THE LOCATIONS AND ELEVATIONS OF ALL EXISTING UTILITIES AND ADVISE THE ENGINEER OF ANY POTENTIAL CONFLICTS WITH THE WORK.

CURED IN PLACE PIPE (CIPP) LINER NOTES:

- ENDS OF ALL CIPP LINER POINT REPAIRS TO BE INJECTED WITH ACRYLAMIDE GEL TO COMPLETELY FILL THE ANNULAR SPACE BETWEEN THE HOST PIPE AND THE LINER WITH THE CHEMICAL GROUT. REFER TO SUPPLEMENTARY SPECIFICATION 33 45 01S FOR PRODUCT SPECIFICATION.
- WHERE CIPP LINERS ARE INSTALLED IN LOCATIONS WITH ACTIVE INFILTRATION, THE LINER SHALL INCLUDE AN EXTERNAL PROTECTIVE LAYER TO PREVENT RESIN MIGRATION DUE TO ACTIVE INFILTRATION.
- CONTRACTOR TO REMOVE ALL RESIDUAL CHEMICAL GROUT FROM WITHIN THE SERVICE LATERAL PRIOR TO POST-CONSTRUCTION CCTV. THE TRANSITION FROM SERVICE LATERAL TO SEWER MAIN SHALL BE SMOOTH, WITH NO IMPEDIMENT TO FLOW CAUSED BY GROUT.
- CONTRACTOR TO REPAIR ANY HOLES CUT IN LINER FOR SERVICE CONNECTION AT INCORRECT LOCATION.

CONSTRUCTION NOTE:
 UTILITY SERVICES TO INDIVIDUAL LOTS, CATCH BASIN LEADS, STREET LIGHT CONDUIT AND TRAFFIC SIGNAL CONDUIT ARE NOT ALWAYS SHOWN ON THE DRAWINGS FOR THE PURPOSE OF CLARITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITY SERVICES IN THE FIELD PRIOR TO CONSTRUCTION. ANY COSTS ASSOCIATED WITH UTILITY CONFLICTS OR DAMAGE CAUSED TO UTILITIES THAT WERE NOT PRELOCATED PRIOR TO CONSTRUCTION WILL BE THE CONTRACTORS RESPONSIBILITY.

PLOT DATE: February 23, 2026

REV NO	REVISIONS	DATE	DRAWN	APPRD
A	PRELIMINARY DESIGN	2026/01/13	VM	TSB
B	DETAILED DESIGN	2026/01/26	VM	TSB
C	ISSUED FOR TENDER	2026/02/17	VM	TSB



**STORM
CULVERT**

**CAPE HORN CULVERT
GENERAL NOTES**



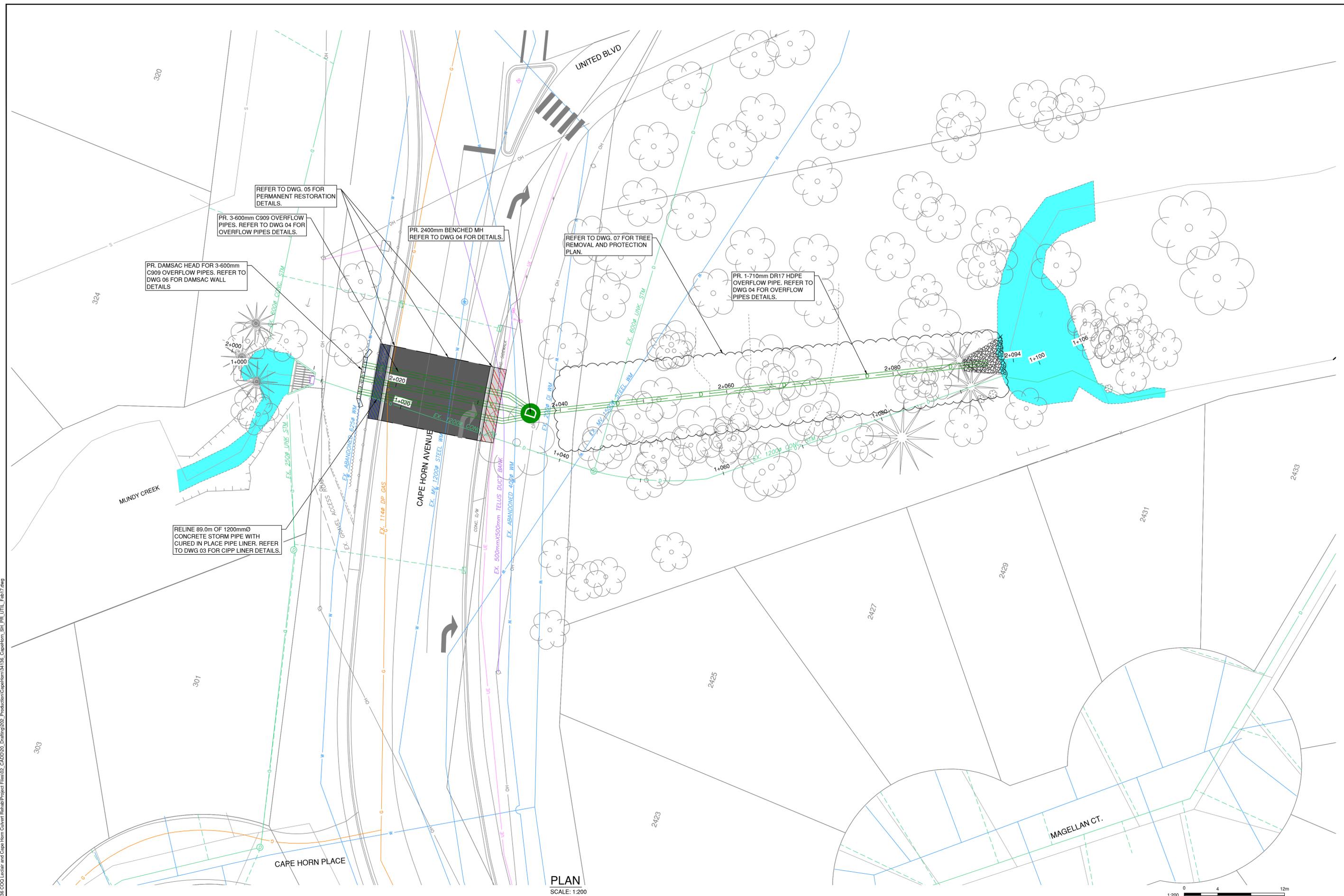
#503, 4190 Loughheed Hwy, Burnaby, B.C. V5C 6A8
 T: (604)203-2026 F: (604)203-2026

ISSUED FOR TENDER DESIGN NO.

34136

SCALE	AS SHOWN	CREATION DATE	2025/08/08	DWG. NO.
DRAWN BY	VM	DESIGN BY	VM	01 OF 08
CHECKED BY	TSB	APPROVED BY	TSB	REV. C

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REFER TO DWG. 05 FOR PERMANENT RESTORATION DETAILS.

PR. 3-600mm C909 OVERFLOW PIPES. REFER TO DWG 04 FOR OVERFLOW PIPES DETAILS.

PR. DAMSAC HEAD FOR 3-600mm C909 OVERFLOW PIPES. REFER TO DWG 06 FOR DAMSAC WALL DETAILS

PR. 2400mm BENCHED MH REFER TO DWG 04 FOR DETAILS.

REFER TO DWG. 07 FOR TREE REMOVAL AND PROTECTION PLAN.

PR. 1-710mm DR17 HDPE OVERFLOW PIPE. REFER TO DWG 04 FOR OVERFLOW PIPES DETAILS.

RELINER 89.0m OF 1200mmØ CONCRETE STORM PIPE WITH CURED IN PLACE PIPE LINER. REFER TO DWG 03 FOR CIFF LINER DETAILS.

PLAN
SCALE: 1:200

ISSUED FOR TENDER DESIGN NO. 34136

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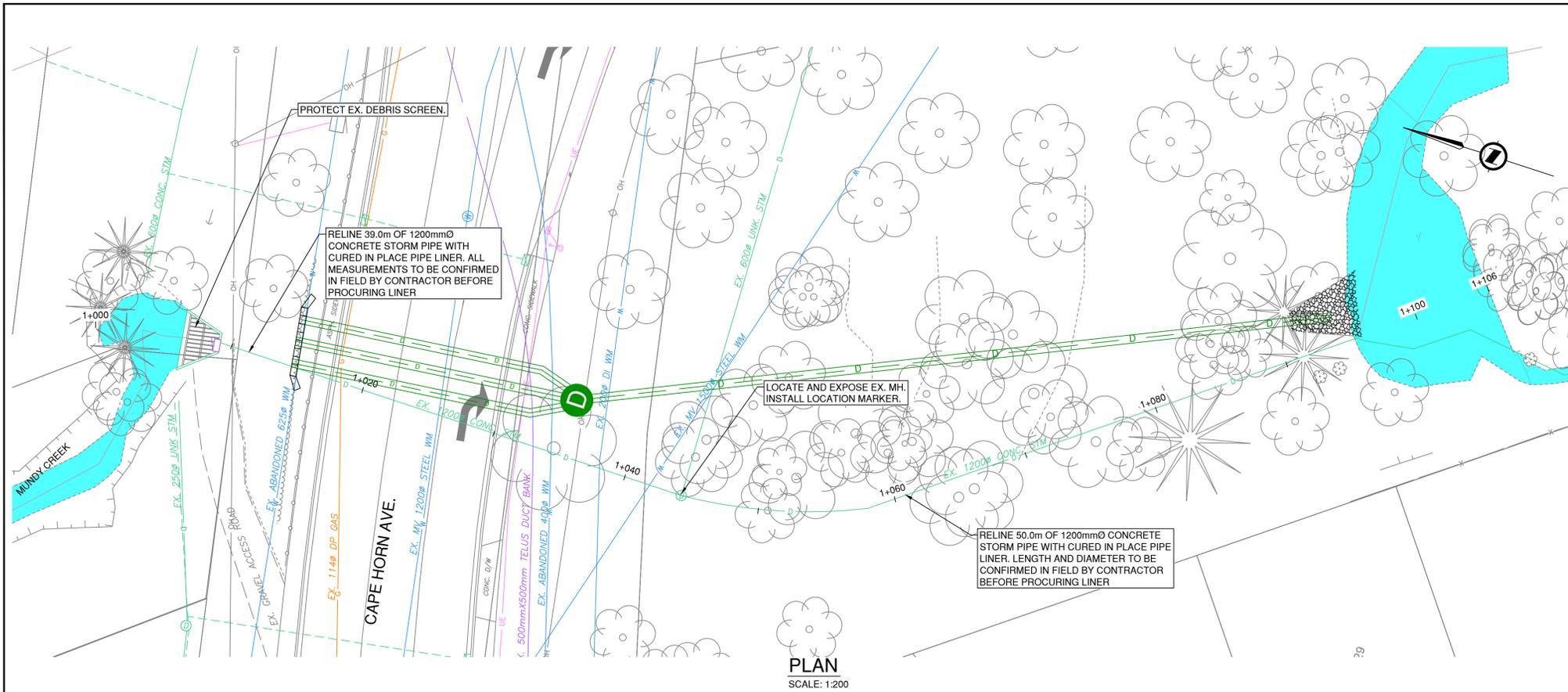


**STORM
SEWER**

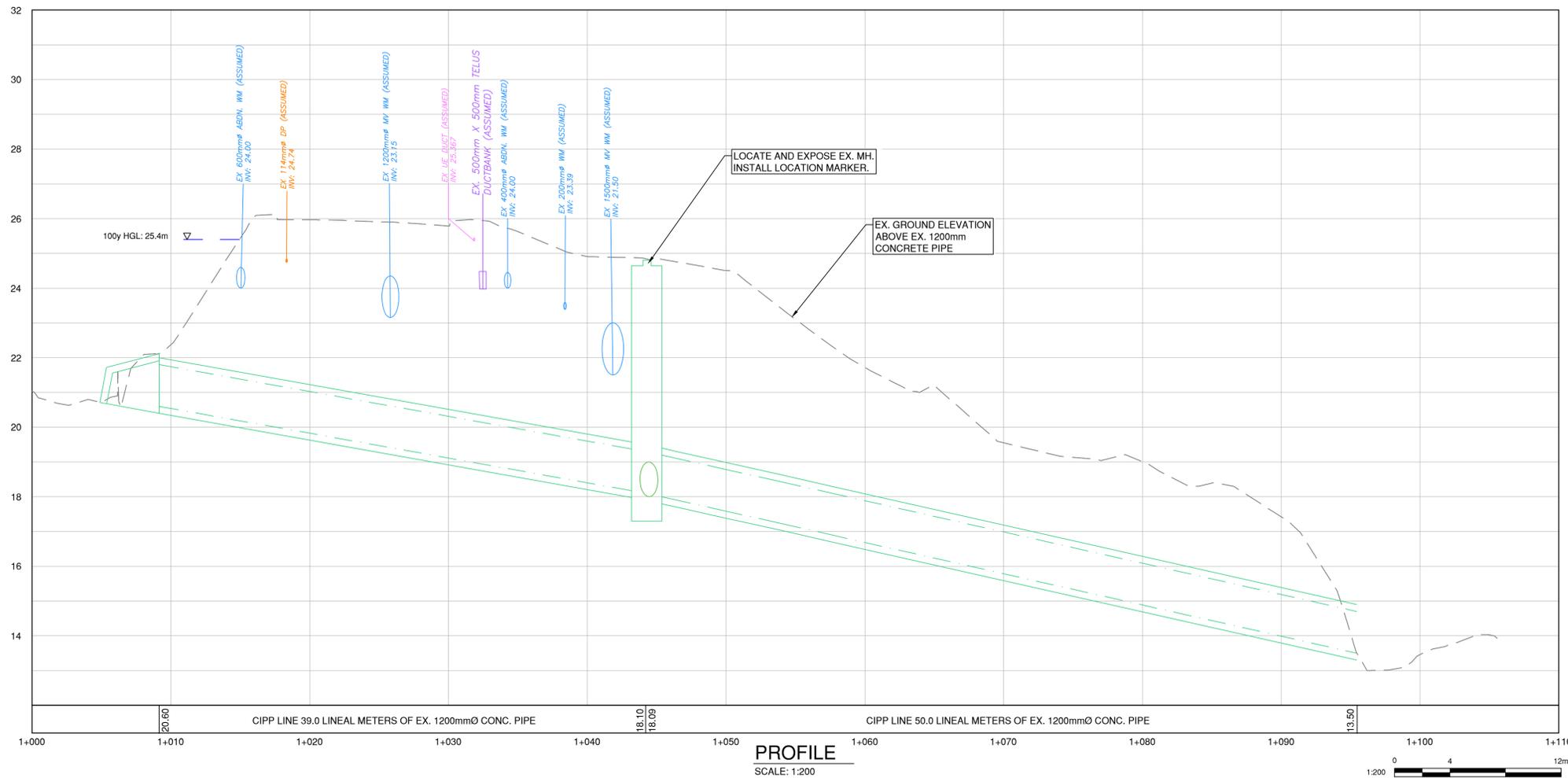
**CAPE HORN AVENUE
KEY PLAN**



SCALE	AS SHOWN	CREATION DATE	2025/08/08	DWG. NO.
DRAWN BY	VM	DESIGN BY	VM	02 OF 08
CHECKED BY	TSB	APPROVED BY	TSB	REV. C
PLOT DATE	February 24, 2026			



PLAN
SCALE: 1:200



PROFILE
SCALE: 1:200

ADJACENT ADDRESS	CAPE HORN AVENUE, COQUITLAM
CCTV BY	CITY OF COQUITLAM
CCTV DATE	AUGUST 17, 2021
CCTV REPORTS	NA
CCTV FOOTAGE	STCV07998-28905 - CAPE HORN AVENUE
FLOW CONTROL DURING CCTV INSPECTION	NOT CONTROLLED
RECORD DRAWINGS	D2570-01
UPSTREAM ASSET/ TYPE/ RIM TO INVERT DEPTH	HEADWALL WITH DEBRIS SCREEN
DOWNSTREAM ASSET/ TYPE/ RIM TO INVERT DEPTH	NO HEADWALL AT OUTLET
PIPE DIAMETER AND MATERIAL	±39m OF 1200mm REINFORCED CONCRETE PIPE AT 7.3% SLOPE AND ±50 LINEAL METERS OF 1200mm REINFORCED CONCRETE PIPE AT 9.0% SLOPE
PIPE LENGTH BETWEEN HEADWALLS	±89m HEADWALL TO OUTFALL
PIPE CONDITION	FULLY DETERIORATED
GROUNDWATER TABLE	GROUNDWATER HEIGHT UP TO GROUND SURFACE ELEVATION ABOVE PIPE
SOIL DENSITY	2350kg/m ³
MODULUS OF SOIL REACTION	6.90 MPa
LIVE LOAD REQUIREMENTS	AASHTO HS-20
FACTOR OF SAFETY	2
DESIGN LIFE	50 YEARS
LINER TYPE	FIBRE REINFORCED LINER WITH STYRENE FREE RESIN
SERVICES	NONE
POINT REPAIR LOCATION	CUT REBAR PROTRUDING FROM MULTIPLE LOCATIONS AT INVERT AT 4.3m FROM DOWNSTREAM CUT REBAR PROTRUDING FROM MULTIPLE LOCATIONS AT INVERT AT 5.6m FROM DOWNSTREAM CUT REBAR PROTRUDING FROM MULTIPLE LOCATIONS AT INVERT AT 46m FROM DOWNSTREAM
PREPARATION (BEFORE REHABILITATION)	FLUSH EXISTING CULVERT - CLEAR ENCRUSTATION AND DEPOSITS
QUALITY OBSERVATIONS	REFER TO CCTV FOOTAGE

NOTES

1. REFER TO COVER SHEET FOR SURVEY CONTROL.
2. REFER TO SHEET 01 FOR GENERAL NOTES.
3. CONTRACTOR TO FIELD CONFIRM DIAMETER, LENGTH AND BENDS BEFORE LINER PROCUREMENT.
4. ALL WORKS TO BE COMPLETED IN ACCORDANCE WITH THE ENVIRONMENTAL MANAGEMENT PLAN.



SITE PHOTO: CAPE HORN CULVERT OUTLET



SITE PHOTO: CAPE HORN CULVERT INLET

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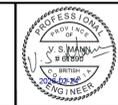
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STORM
SEWER

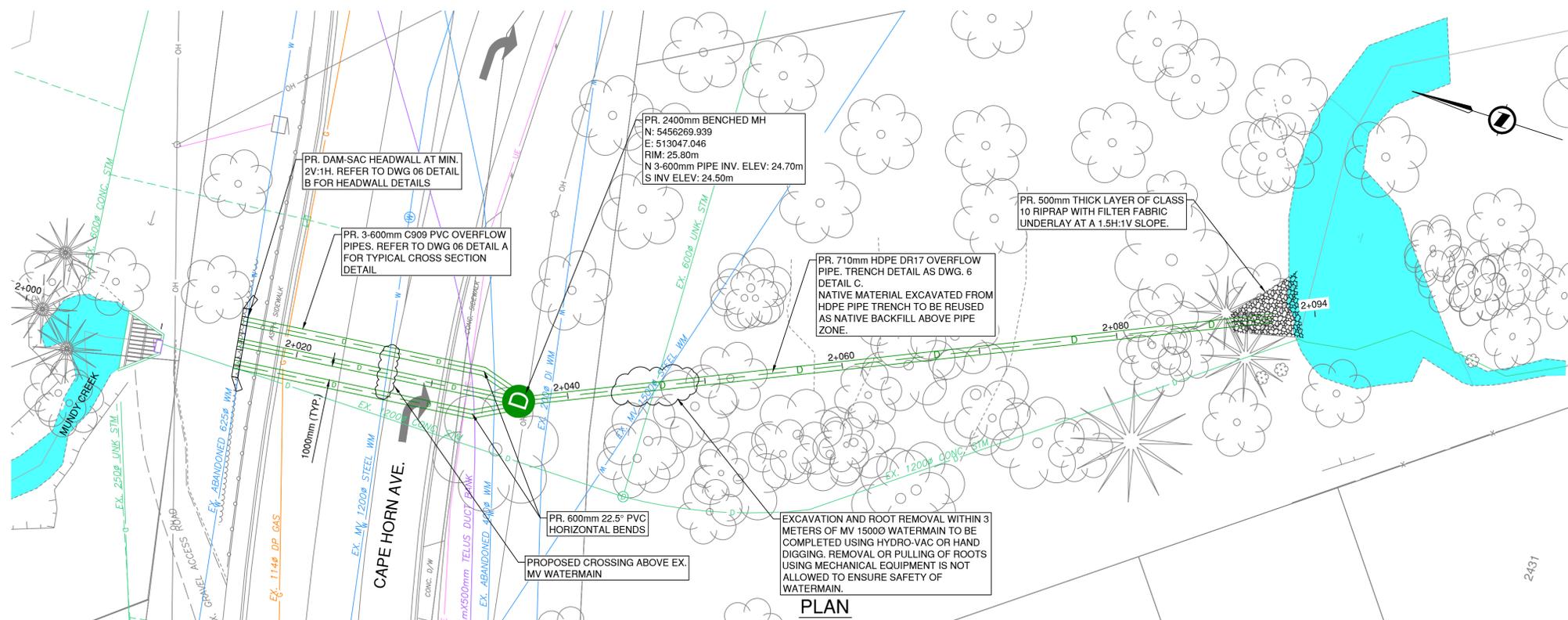
CAPE HORN AVENUE
CULVERT REHABILITATION



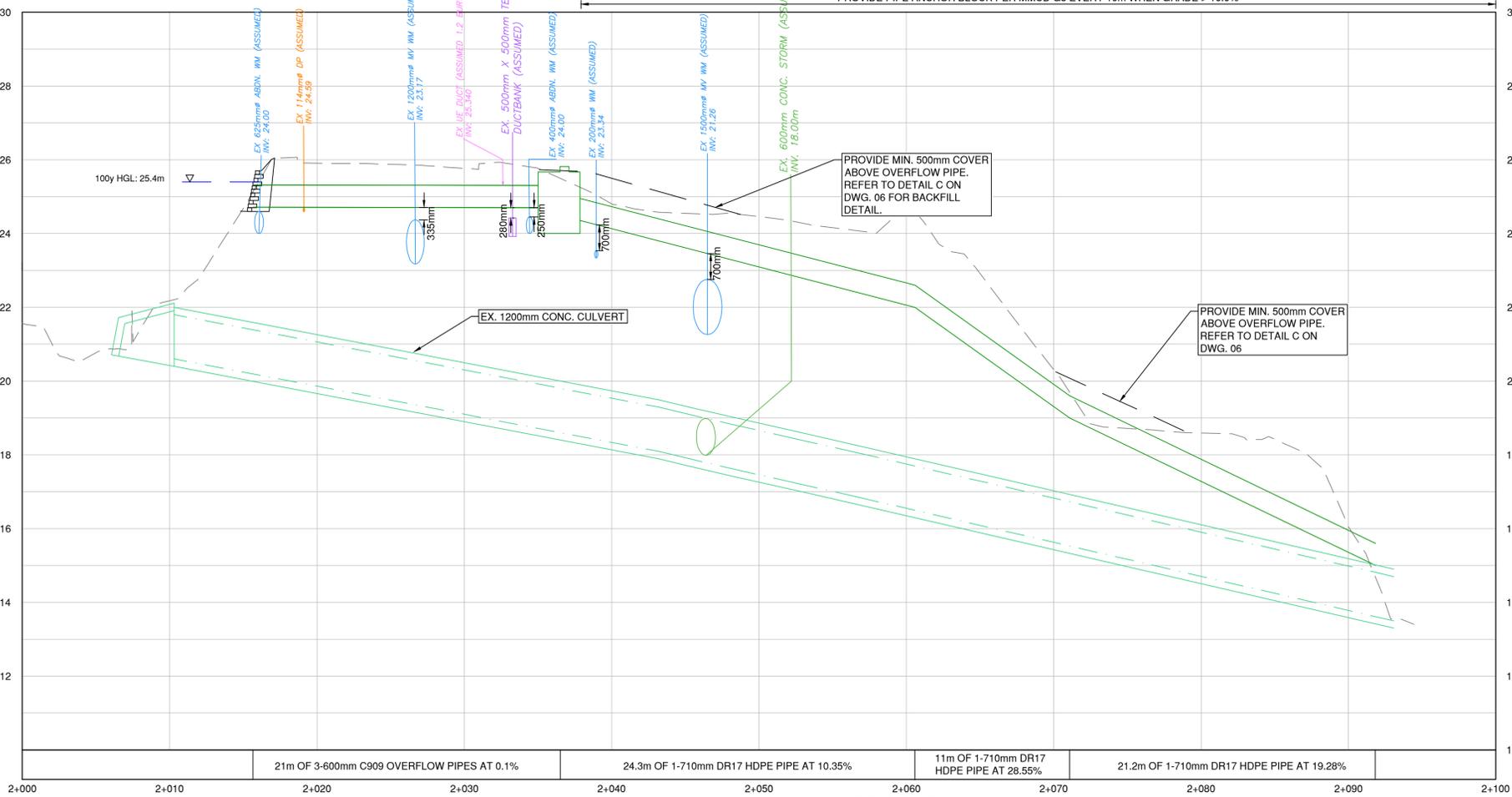
#201, 3998 Herring Drive, Burnaby, B.C. V5C 6P9
T: (604) 293-2598 F: (604) 293-2598

SCALE	AS SHOWN	CREATION DATE	2025/08/08	DWG. NO.	03
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CHECKED BY	TSB	APPROVED BY	TSB	REV.	C
PLOT DATE	February 24, 2026				

- NOTES**
- REFER TO COVER SHEET FOR SURVEY CONTROL.
 - REFER TO SHEET 01 FOR GENERAL NOTES.
 - ALL WORKS TO BE COMPLETED IN ACCORDANCE WITH THE ENVIRONMENTAL MANAGEMENT PLAN.
 - CONTRACTOR TO EXPOSE AND SURVEY ALL EXISTING UTILITIES PRIOR TO COMMENCING CONSTRUCTION. ANY DISCREPANCY BETWEEN SURVEYED ELEVATION AND THE ELEVATION SHOWN ON THE DRAWINGS MUST BE REPORTED TO THE ENGINEER WITHIN 48 HOURS OF THE SURVEY.
 - CONTRACTOR TO COORDINATE INSPECTION WITH METRO VANCOUVER INSPECTOR DURING CONSTRUCTION.



PLAN
SCALE: 1:200
PROVIDE PIPE ANCHOR BLOCK PER MMCD G8 EVERY 10m WHEN GRADE > 10.0%



PROFILE
SCALE: 1:200



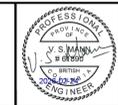
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**STORM
SEWER**

**CAPE HORN AVENUE
OVERFLOW CULVERT**

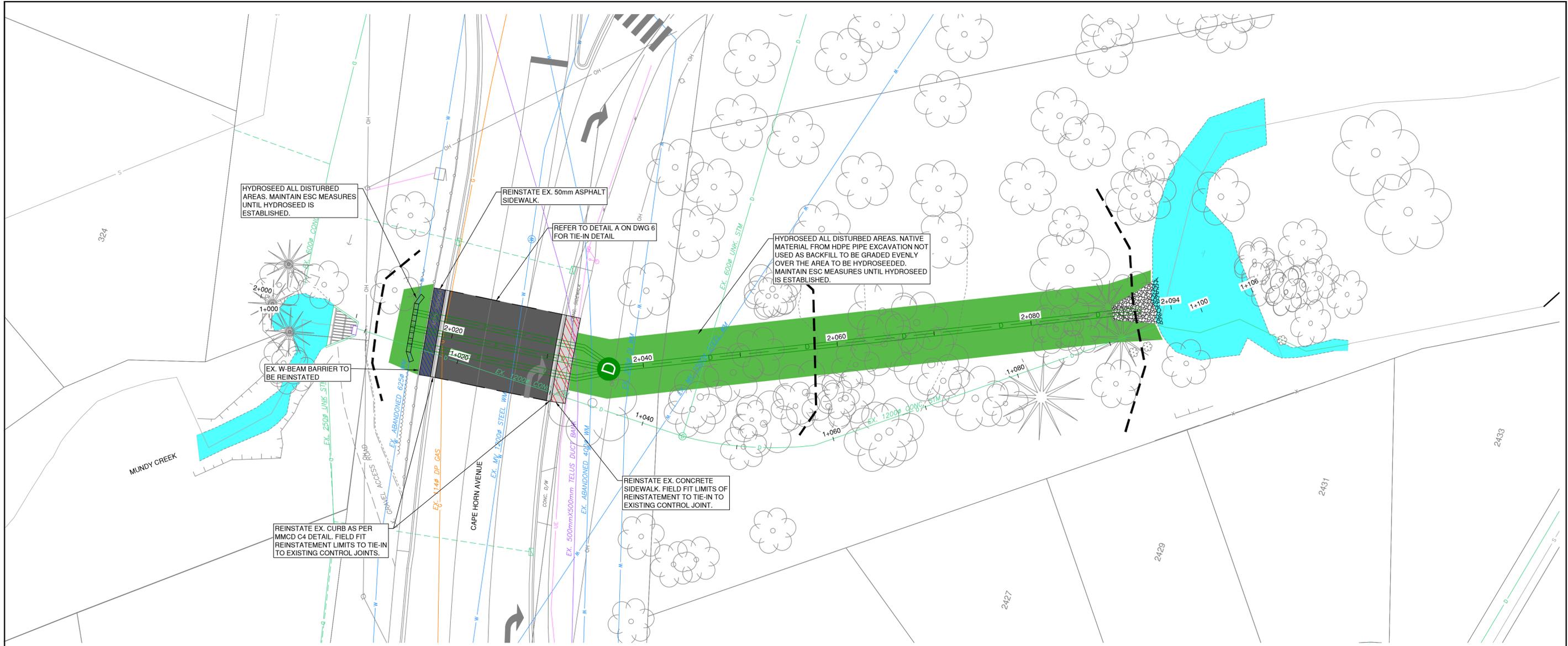


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#201, 3999 Hemming Drive, Burnaby, B.C. V5C 6P9
T: (604)293-2598 F: (604)293-2598

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DWG. NO.	04 OF 08	REV.	C



PLAN
SCALE: 1:200

LEGEND

- PROPOSED HYDRO-SEED AREA
- PROPOSED 50mm ASPHALT SIDEWALK
- PROPOSED 100mm CONCRETE SIDEWALK
- PROPOSED 150mm ASPHALT PAVEMENT
- PROPOSED C4 BARRIER CURB

NOTES

1. ALL EXISTING ROAD MARKINGS TO BE REINSTATED.
2. ALL CONCRETE WORKS TO TIE-IN AT EXISTING CONTROL JOINTS.
3. EX. ASPHALT SIDEWALK TO BE SAWCUT AT TIE-IN LOCATION.
4. CONTRACTOR IS RESPONSIBLE FOR HYDROSEEDING ALL DISTURBED AREAS BEYOND THE HYDROSEEDING LIMITS SHOWN IN THE DRAWING.
5. CONTRACTOR TO MAINTAIN ESC MEASURES UNTIL HYDROSEED IS ESTABLISHED.



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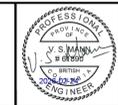
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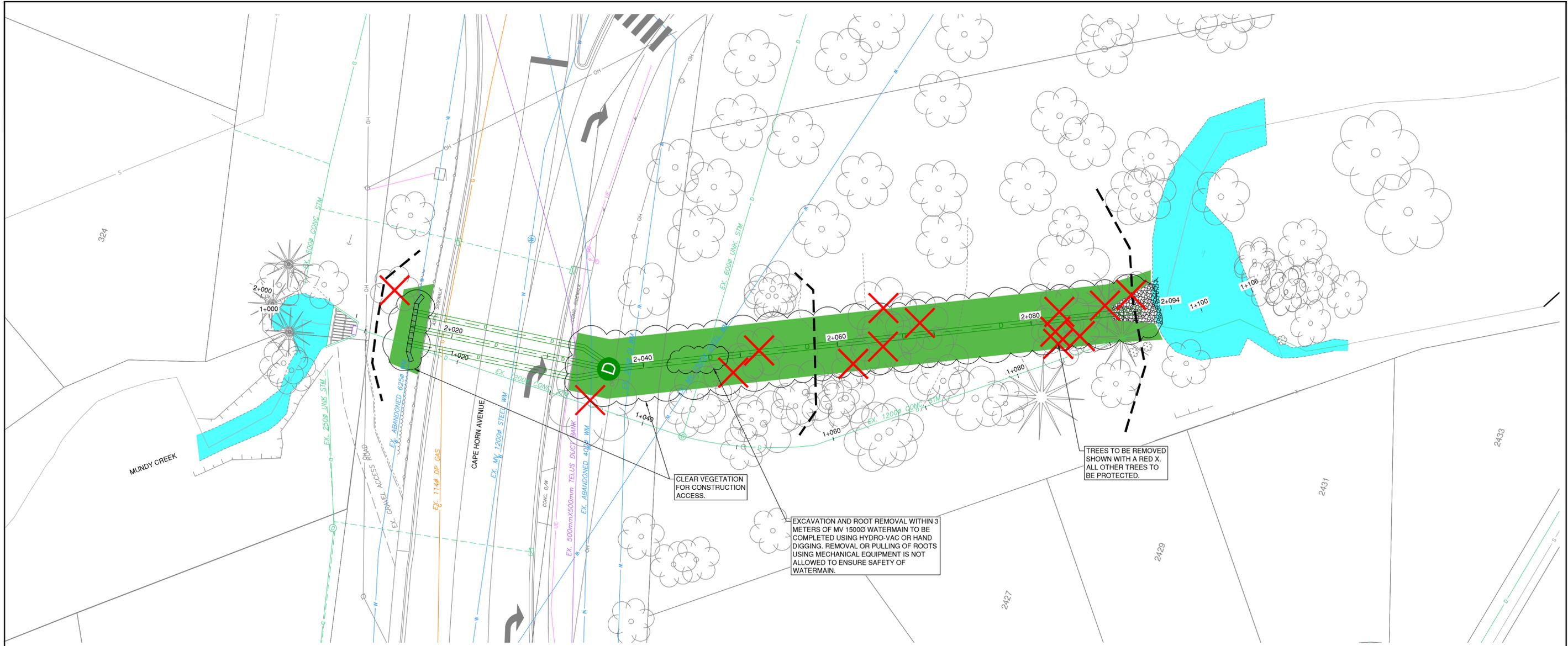
**STORM
SEWER**

**CAPE HORN AVENUE
PERMANENT RESTORATION**



SCALE	AS SHOWN	CREATION DATE	2025/08/08	DWG. NO.
DRAWN BY	VM	DESIGN BY	VM	05 OF 08
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PLAN
SCALE: 1:200

TREES TO BE REMOVED SHOWN WITH A RED X. ALL OTHER TREES TO BE PROTECTED.

CLEAR VEGETATION FOR CONSTRUCTION ACCESS.

EXCAVATION AND ROOT REMOVAL WITHIN 3 METERS OF MV 15000 WATERMAIN TO BE COMPLETED USING HYDRO-VAC OR HAND DIGGING. REMOVAL OR PULLING OF ROOTS USING MECHANICAL EQUIPMENT IS NOT ALLOWED TO ENSURE SAFETY OF WATERMAIN.

LEGEND

 EXISTING TREES TO BE REMOVED



ISSUED FOR TENDER DESIGN NO. **34136**

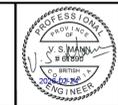
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**STORM
SEWER**

**CAPE HORN AVENUE
TREE REMOVAL AND PROTECTION PLAN**



#201, 3999 Hemming Drive, Burnaby, B.C. V5C 6P9
T: (604)293-2598 F: (604)293-2598

SCALE	AS SHOWN	CREATION DATE	2025/08/08	DWG. NO.
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CHECKED BY	TSB	APPROVED BY	TSB	08
PLOT DATE	February 24, 2026			REV. C

