

CITY OF COQUITLAM

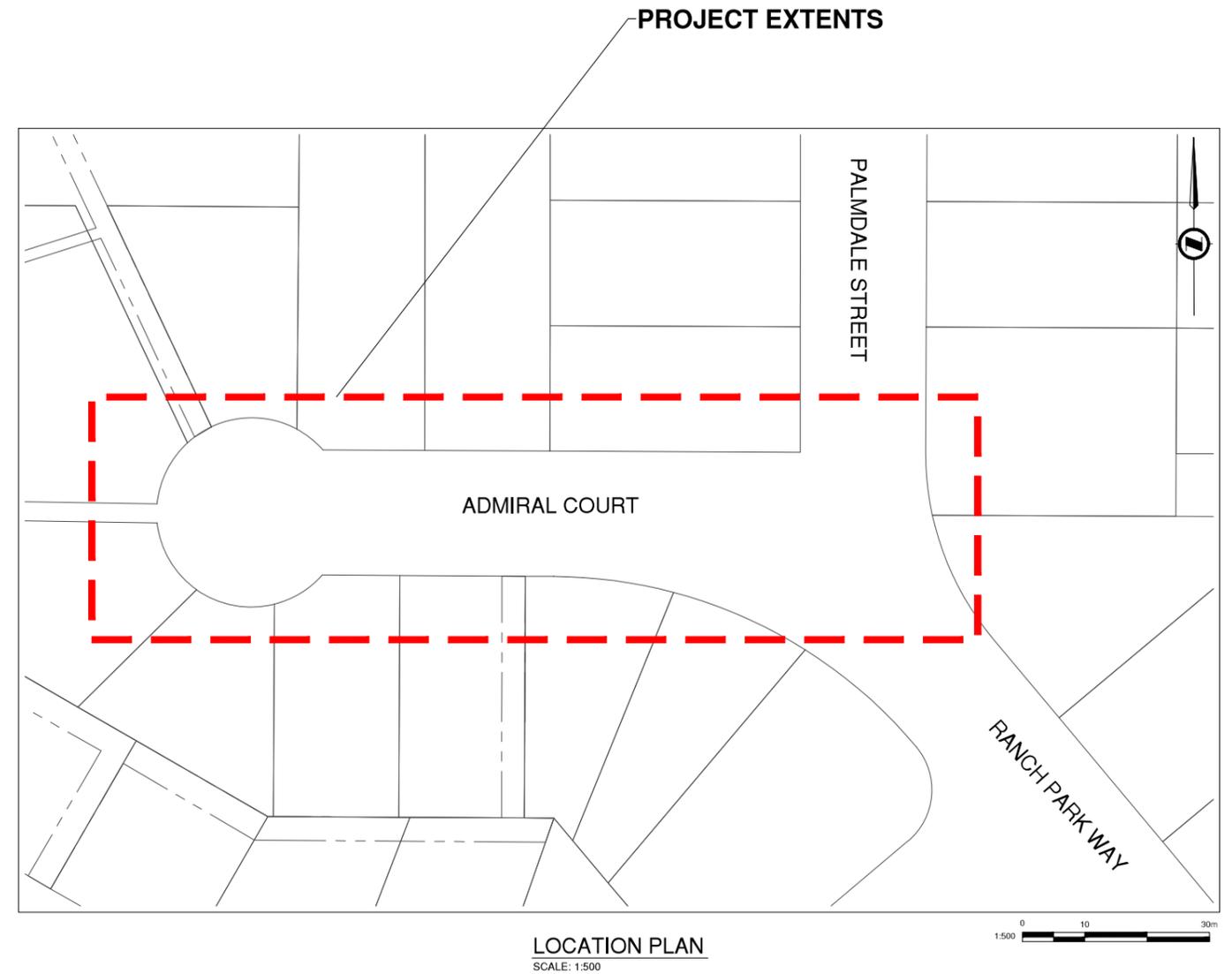
ADMIRAL COURT STORM SEWER REHABILITATION

CONTRACT #34504

ISSUED FOR TENDER

ISSUED: FEBRUARY 26, 2026

DRAWING SCHEDULE		
SHEET NO.	TITLE	DESCRIPTION
00	COVER	COVER
01	ADMIRAL COURT	GENERAL NOTES
02	ADMIRAL COURT	STA 1+000 TO 1+100



File: C:\AUSKACCD\Doc\IS\34504_COO_2026_Sewer_Upgrade_Project\Project File\02_CADD\20_Drawing\20_Production\01_Admiral\34504_SH_Admiral.dwg



#201, 3999 Henning Drive, Burnaby, B.C. V5C 6P9
T: (604)629-2696 F: (604)629-2698



Permit to Practice
ISL Engineering and Land Services Ltd.
RR Signature: [Signature]
RR EGBC ID: 47333
Date: 2026-03-03
Permit Number 1000419
Engineers & Geoscientists British Columbia

REV. B

GENERAL NOTES:

- ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE FOLLOWING:
 - PLATINUM EDITION OF THE MASTER MUNICIPAL CONSTRUCTION DOCUMENTS (MMCD);
 - 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;
 - CITY OF COQUITLAM SUPPLEMENTARY SPECIFICATION AND DETAILED DRAWINGS TO MMCD;
 - CITY OF COQUITLAM LIST OF APPROVED MATERIALS;

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 (COC) 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 COC SERVICES SUCH AS WATER, SANITARY SEWER AND STORM SEWER, SHALL BE MADE BY COC 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 (SEE LAYOUT CONTROL POINTS ON THIS SHEET). SURVEY COMPLETED BY ISL (NOVEMBER 4, 2025)
- 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 MATERIALS AND COMPACTION SHALL BE PERFORMED BY A CERTIFIED TESTING AGENCY UNDER THE DIRECTION OF THE CONTRACT ADMINISTRATOR OR APPROVED REPRESENTATIVE. COPIES OF THE TESTING REPORTS SHALL BE SUBMITTED TO THE CITY AND THE CONTRACT ADMINISTRATOR WITHIN 48 HOURS OF RECEIPT.
- ALL SHOP DRAWINGS SHALL BE REVIEWED BY ISL ENGINEERING AND LAND SERVICES LTD. PRIOR TO FABRICATION.

TRAFFIC MANAGEMENT, NOTIFICATION AND APPROVALS NOTES:

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- 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.

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ISSUED FOR TENDER DESIGN NO.

34504

REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPRD
A	PRELIMINARY DESIGN	01/14/2026	JFH	VM
B	ISSUED FOR TENDER	02/26/2026	JFH	VM

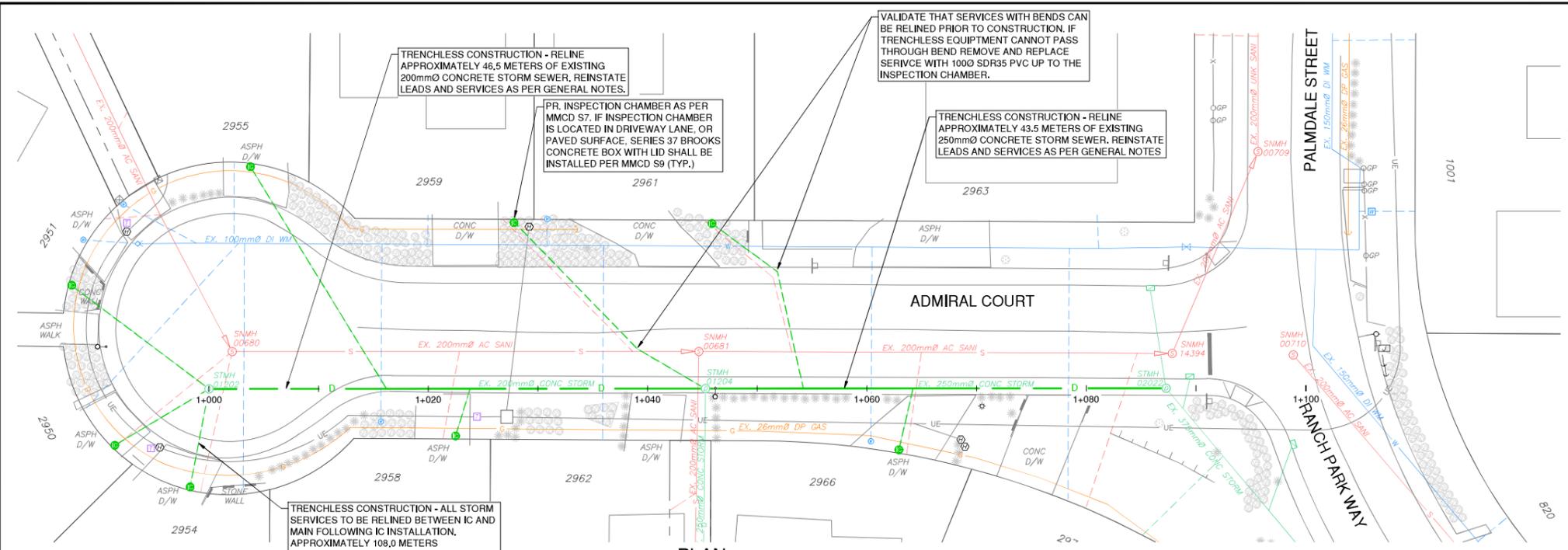


**ADMIRAL COURT
GENERAL NOTES**

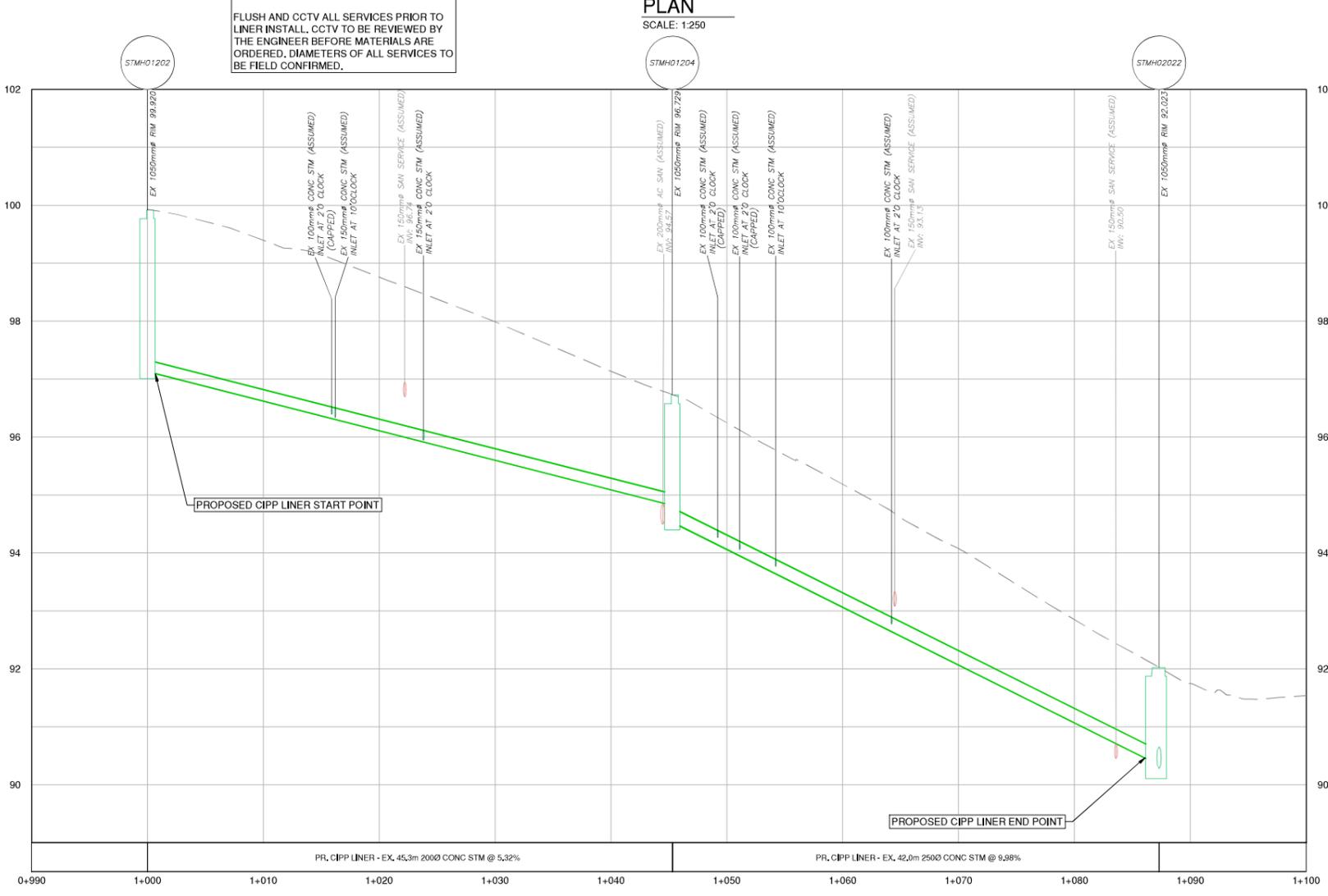


#201, 3999 Herring Drive, Burnaby, B.C. V5C 6P9
T: (604)291-2090 F: (604)291-2096

SCALE	AS SHOWN	CREATION DATE	12/15/2025	DWG. NO.	01
DRAWN BY	JFH	DESIGN BY	JFH	OF	02
CHECKED BY	TSB	APPROVED BY	VM	REV.	B
PLOT DATE	February 26, 2026				



ADMIRAL COURT	
ADJACENT ADDRESS	2954 ADMIRAL COURT, COQUITLAM
CCTV BY	CITY OF COQUITLAM
CCTV DATE	3/17/2025 11/29/2023
CCTV REPORTS	NONE
CCTV FOOTAGE	ADMIRAL CRT_STPI03034-37939 ADMIRAL CRT_STPI03035-35242
FLOW CONTROL DURING CCTV INSPECTION	NOT CONTROLLED
RECORD DRAWINGS	D0236-09 S0402-16
UPSTREAM ASSET / TYPE / RIM TO INVERT DEPTH	STMH01202 / MANHOLE / ±2.8
MIDLENGTH ASSET / TYPE / RIM TO INVERT DEPTH	STMH01204 / MANHOLE / ±2.2
DOWNSTREAM ASSET / TYPE / RIM TO INVERT DEPTH	STMH02022 / MANHOLE / ±1.8
PIPE DIAMETER AND MATERIAL	200mmØ CONCRETE TO MIDPOINT 250mmØ CONCRETE TO END
PIPE LENGTH BETWEEN MANHOLES	±45 METERS TO MIDPOINT ±42 METERS TO END
PIPE CONDITION	FULLY DETERIORATED, ACTIVE INFILTRATION, OFFSET JOINTS
GROUNDWATER TABLE	GROUNDWATER HEIGHT UP TO GROUND SURFACE ELEVATION ABOVE PIPE
SOIL DENSITY	2350 KG/m ³
MODULUS OF SOIL REACTION	6.90 MPa
LIVE LOAD REQUIREMENTS	AASHTO HS-20
FACTOR OR SAFETY	2
LINER / RESIN TYPE	STYRENE FREE
DESIGN LIFE	50 YEARS
SERVICES	3 - 100mmØ CAPPED SERVICES 2 - 100mmØ SERVICES 2 - 150mmØ SERVICES
POINT REPAIR LOCATION	CUT INTRUDING SERVICE AT 8.8m FROM STMH01204
PREPARATION (BEFORE REHABILITATION)	FLUSH EXISTING SEWER - CLEAR ENCRUSTATION AND DEPOSITS, SIGNIFICANT ENCRUSTATION OBSERVED ON PIPE FROM STMH1204 TO STMH02022 REMOVE ROOT BALL AT 40.7m FROM STMH01204, RE-CCTV PIPE LENGTH AFTER REMOVAL
OVALITY OBSERVATIONS	REFER TO CCTV FOOTAGE



LARGE ROOT BALL
Scale: NTS

SIGNIFICANT ENCRUSTATION
Scale: NTS

ISSUED FOR TENDER

34504

REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPRD
A	PRELIMINARY DESIGN	01/14/2026	JFH	VM
B	ISSUED FOR TENDER	02/26/2026	JFH	VM



STORM SEWER

**ADMIRAL COURT
STA 1+000 TO STA 1+100**



#201, 3989 Herring Drive, Burnaby, B.C. V5C 6P9
T: (604)291-2090 F: (604)291-2096

SCALE	AS SHOWN	CREATION DATE	12/15/2025	DWG. NO.
DRAWN BY	JFH	DESIGN BY	JFH	02 OF
CHECKED BY	TSB	APPROVED BY	VM	02
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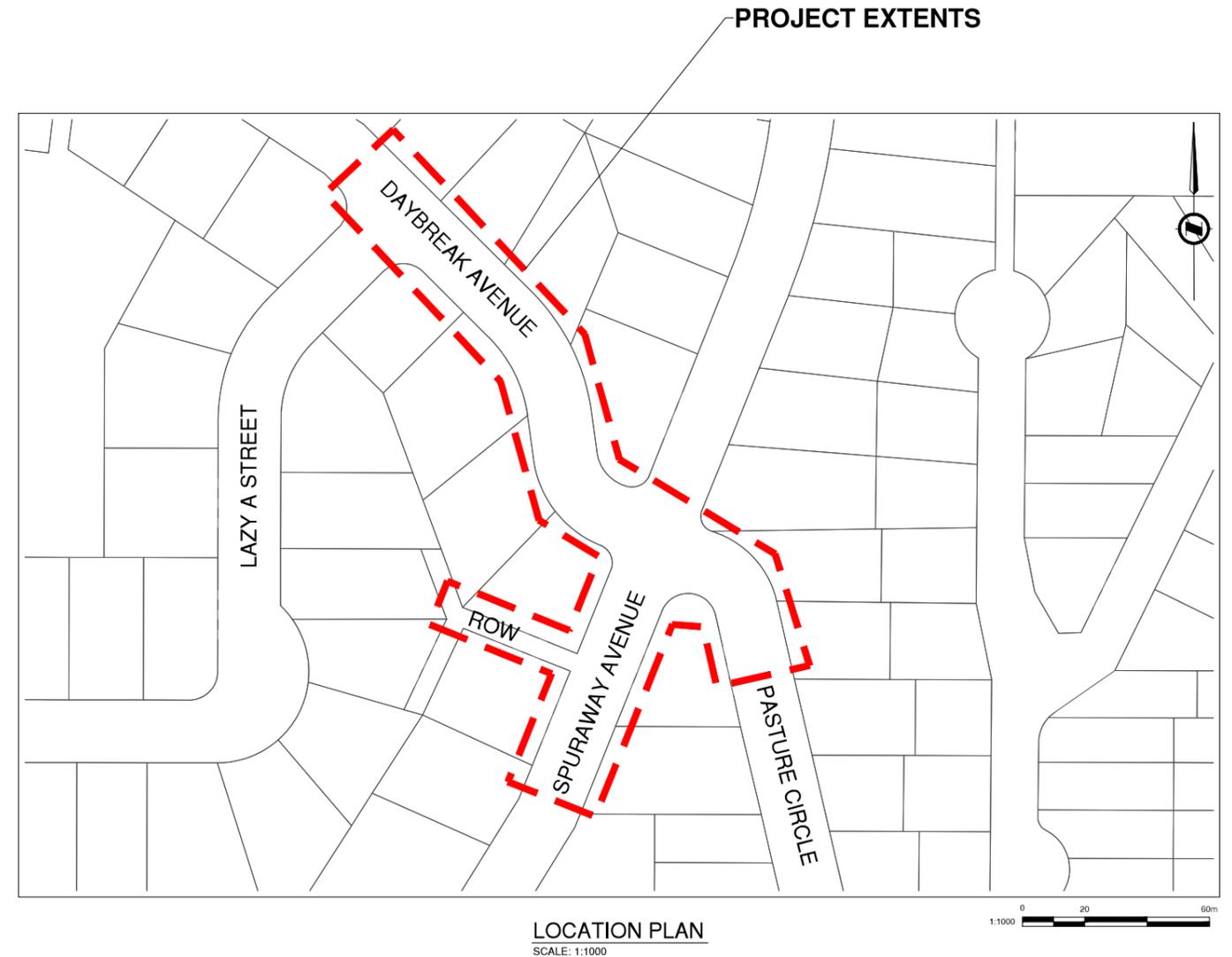
CITY OF COQUITLAM

DAYBREAK AND SPURAWAY AVENUE SANITARY SEWER REHABILITATION CONTRACT #34504

ISSUED FOR TENDER

ISSUED DATE: FEBURARY 25, 2026

DRAWING SCHEDULE		
SHEET NO.	TITLE	DESCRIPTION
00	COVER	
01	GENERAL NOTES	
02	DAYBREAK AVENUE	STA 2+000 TO 2+110
03	DAYBREAK AVENUE	STA 2+110 TO 2+117
04	SPURAWAY AVENUE	STA 3+000 TO 3+125
05	SPURAWAY ROW	STA 4+000 TO 4+060



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ISL Engineering and Land Services Ltd.
RR Signature: CHP
RR EGBC ID: 47333
Date: 2026-03-03
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REV. B

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- 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:

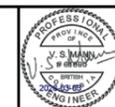
- ENDS OF ALL CIPP LINER POINT REPAIRS TO BE INJECTED WITH ACRYLAMIDE GEL TO COMPLETELY FILL THE ANNULAR SPACE BETWEEN THE HOST PIPE AND THE LINER WITH THE CHEMICAL GROUT. REFER TO SUPPLEMENTARY SPECIFICATION 33 45 01S FOR PRODUCT SPECIFICATION.
- WHERE CIPP LINERS ARE INSTALLED IN LOCATIONS WITH ACTIVE 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.

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REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPRD
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B	ISSUED FOR TENDER	02/25/2026	JFH	VM



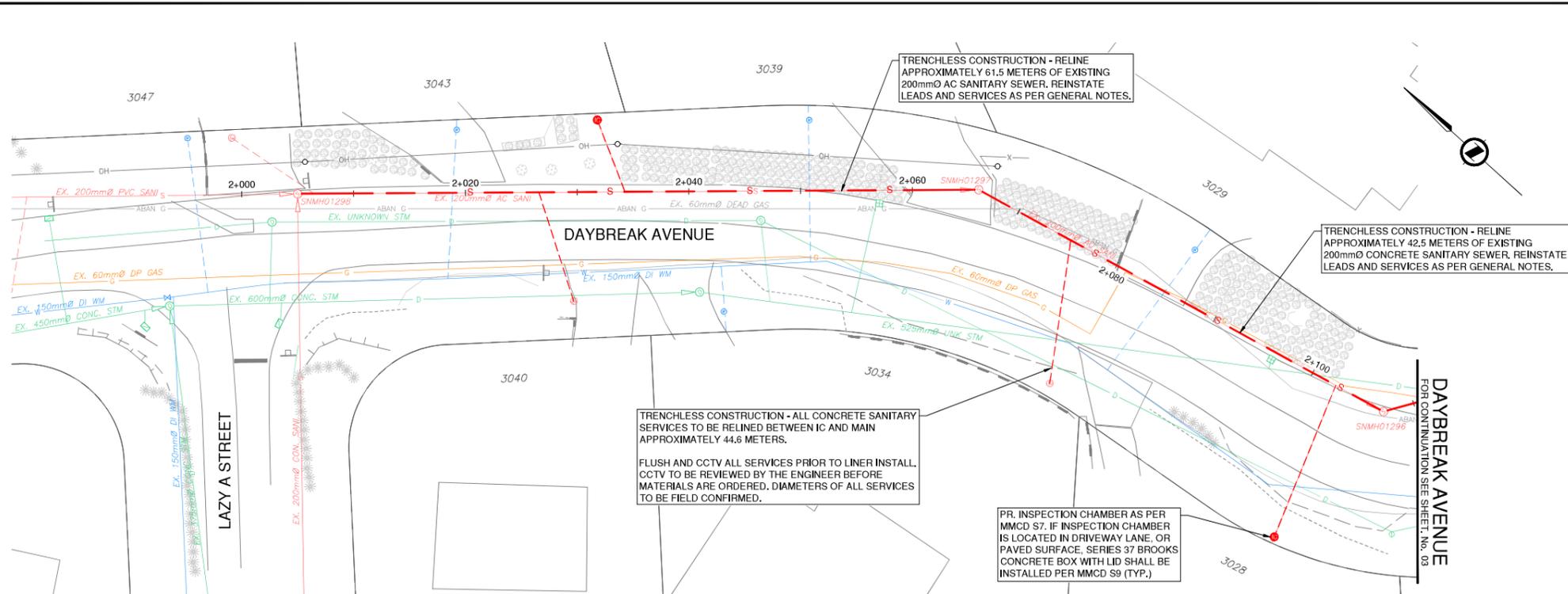
GENERAL NOTES



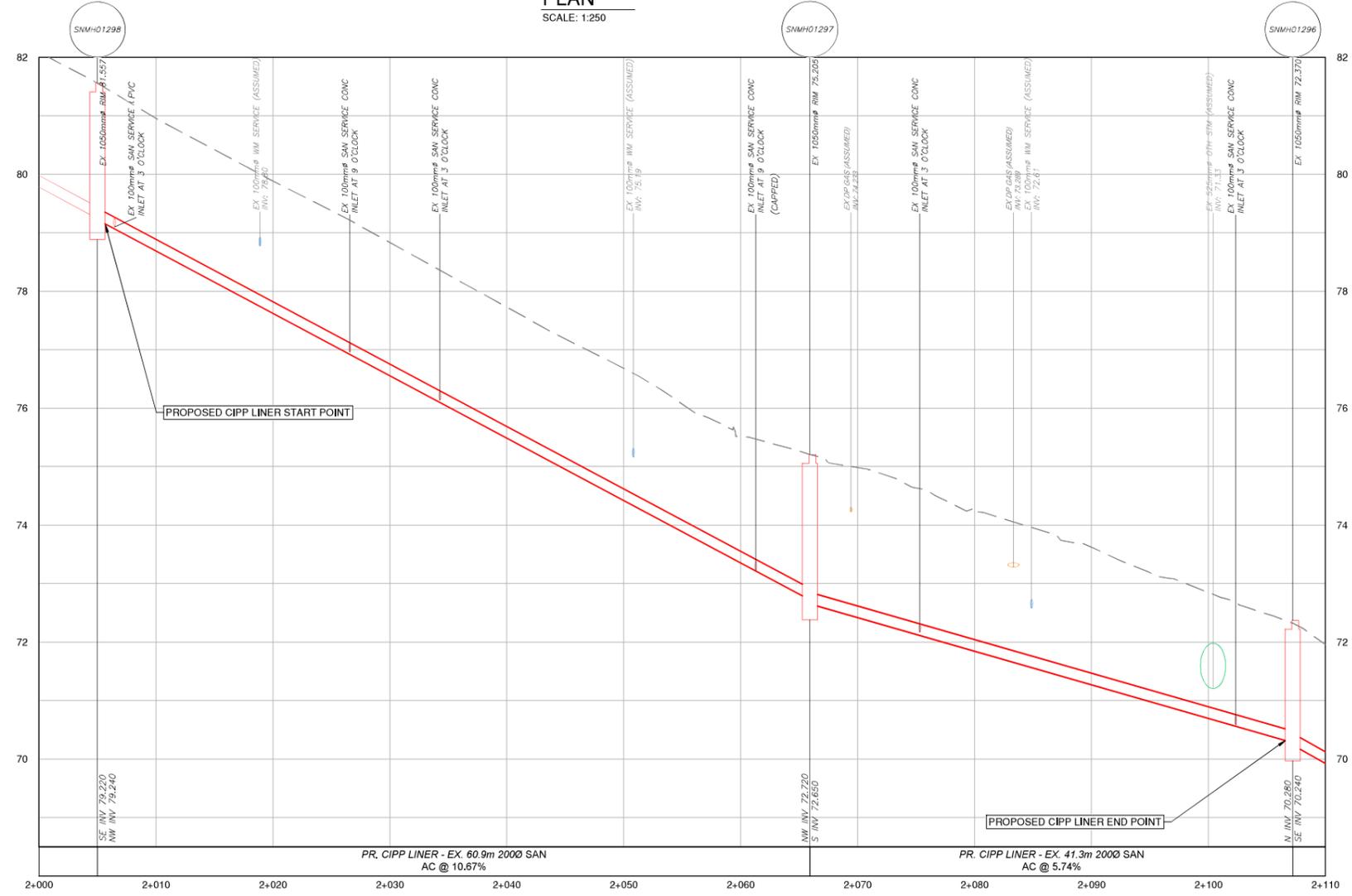
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34504

SCALE	AS SHOWN	CREATION DATE	12/20/2025	DWG. NO.
DRAWN BY	JFH	DESIGN BY	JFH	01
CHECKED BY	TSB	APPROVED BY	VM	05
PLOT DATE	February 25, 2026			REV. B



PLAN
SCALE: 1:250



PROFILE
SCALE: 1:250H / 1:50V

DAYBREAK AVENUE	
ADJACENT ADDRESS	3042 DAYBREAK AVENUE, COQUITLAM
CCTV BY	CITY OF COQUITLAM
CCTV DATE	4/17/2023
CCTV REPORTS	NONE
CCTV FOOTAGE	DAYBREAK_SNP11219-31960 DAYBREAK_SNP11220-31962
FLOW CONTROL DURING CCTV INSPECTION	NOT CONTROLLED
RECORD DRAWINGS	S0064
UPSTREAM ASSET / TYPE / RIM TO INVERT DEPTH	SNMH01298 / MANHOLE / ±2.4
MIDLENGTH ASSET / TYPE / RIM TO INVERT DEPTH	SNMH01297 / MANHOLE / ±2.5
DOWNSTREAM ASSET / TYPE / RIM TO INVERT DEPTH	SNMH01296 / MANHOLE / ±2.1
PIPE DIAMETER AND MATERIAL	200mmØ AC
PIPE LENGTH BETWEEN MANHOLES	±61.5 METERS TO MIDPOINT ±42.5 METERS TO END
PIPE CONDITION	FULLY DETERIORATED, ACTIVE INFILTRATION, ROUGHNESS INCREASED
GROUNDWATER TABLE	GROUNDWATER HEIGHT UP TO GROUND SURFACE ELEVATION ABOVE PIPE
SOIL DENSITY	2350 KG/m ³
MODULUS OF SOIL REACTION	6.90 MPa
LIVE LOAD REQUIREMENTS	AASHTO HS-20
FACTOR OR SAFETY	2
DESIGN LIFE	50 YEARS
SERVICES	1 - 100mmØ CAPPED SERVICE 5 - 100mmØ SERVICES
POINT REPAIR LOCATION	CUT ROOTS AT 52.8m UPSTREAM FROM STMH01297 CUT ROOTS AT 31.7m DOWNSTREAM FROM STMH01297
PREPARATION (BEFORE REHABILITATION)	FLUSH EXISTING SEWER - CLEAR ENCRUSTATION AND DEPOSITS
OVALITY OBSERVATIONS	REFER TO CCTV FOOTAGE

DESIGN METHOD SHALL TO BE IN ACCORDANCE WITH ASTM F1216 APPENDIX X1. THIRD PARTY TESTING REQUIRED TO SUBSTANTIATE FLEXURAL MODULI USED IN DESIGN. WHERE LONG TERM VALUES ARE NOT AVAILABLE IN ACCORDANCE WITH ASTM D2990, REFER TO MMCD SECTION 33 05 24, PARAGRAPH 3.2.7

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REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPRD
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SANITARY SEWER

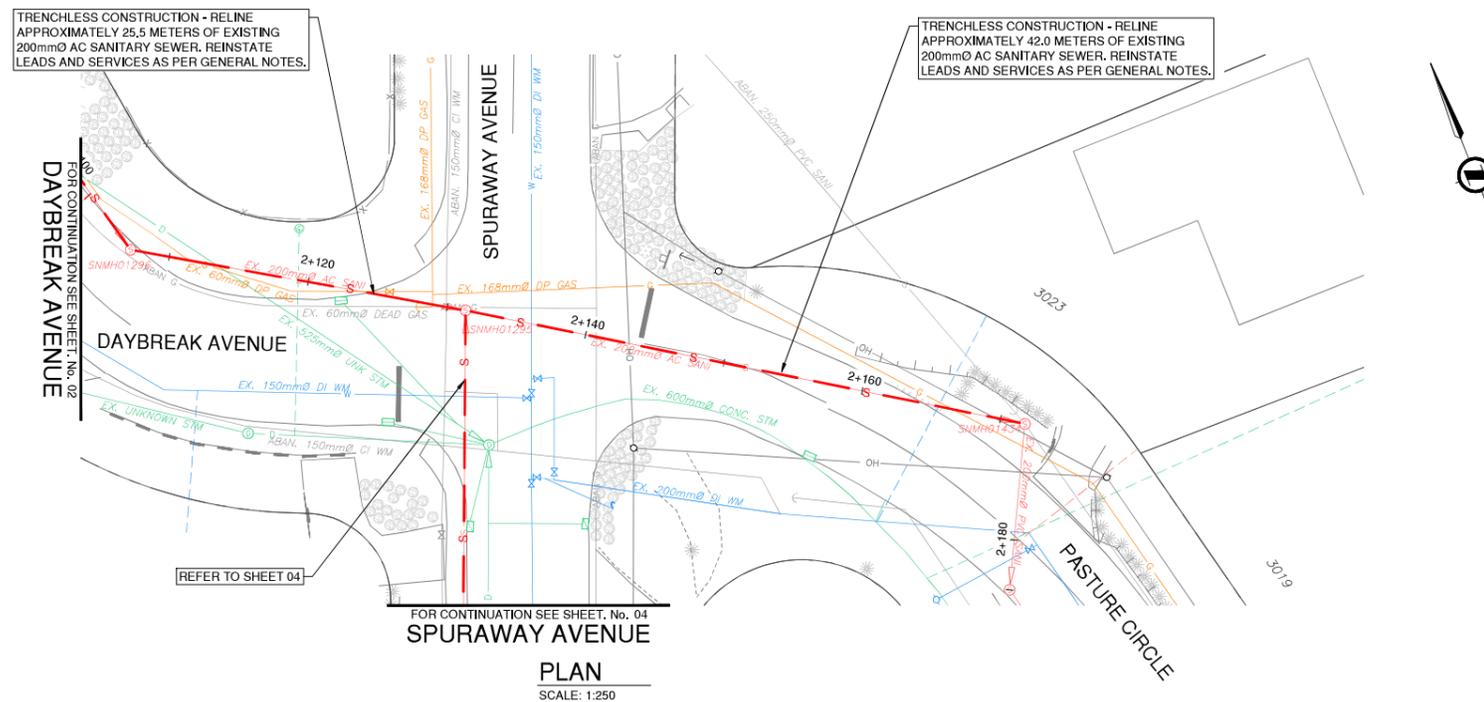
DAYBREAK AVENUE
STA 2+000 TO 2+110



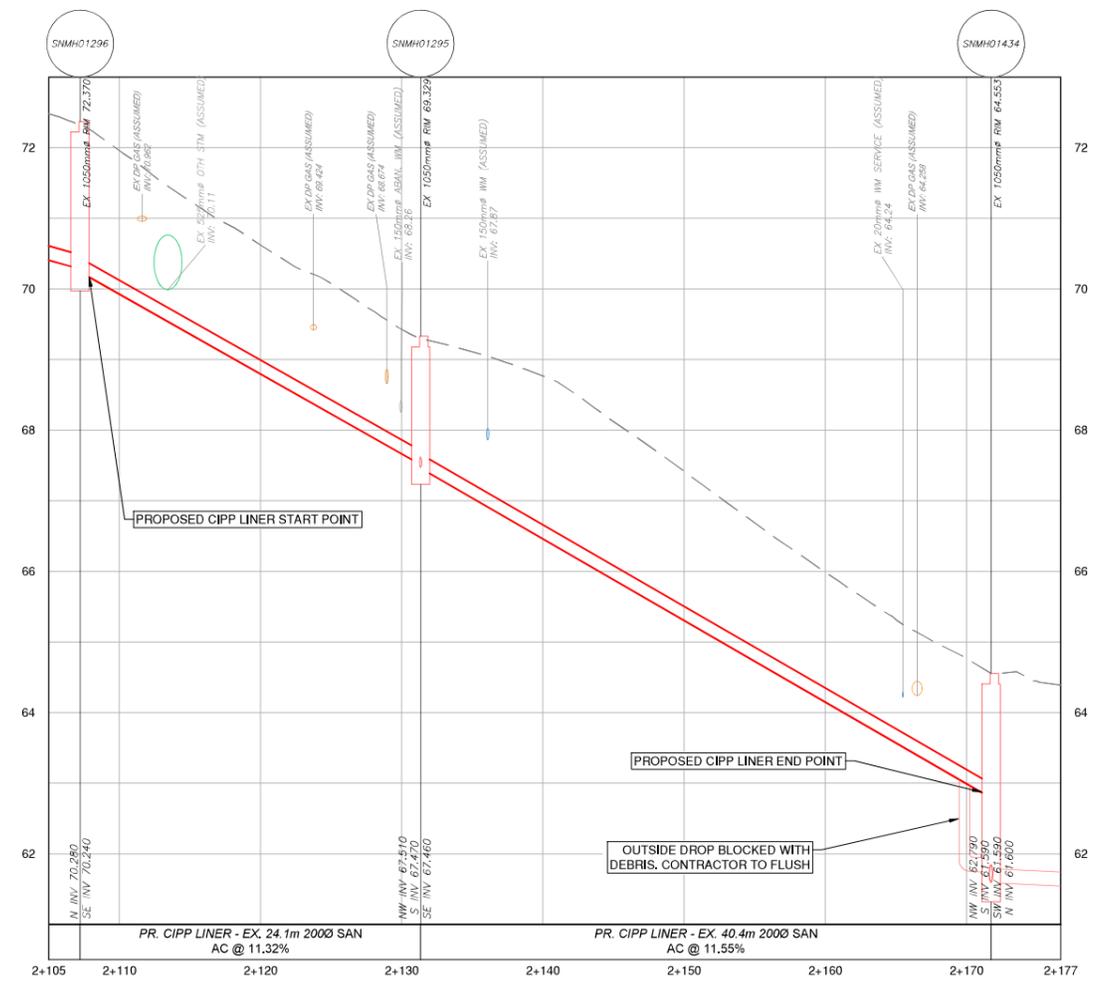
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DRAWN BY	JFH	DESIGN BY	JFH	OF	05
CHECKED BY	TSB	APPROVED BY	VM	REV.	B
PLOT DATE	February 25, 2026				

ISSUED FOR TENDER

DESIGN NO. 34504



PLAN
SCALE: 1:250



PROFILE
SCALE: 1:250H / 1:50V

DAYBREAK AVENUE	
ADJACENT ADDRESS	3023 PASTURE CIRCLE, COQUITLAM
CCTV BY	CITY OF COQUITLAM
CCTV DATE	4/27/2023 3/20/2025
CCTV REPORTS	NONE
CCTV FOOTAGE	DAYBREAK_SNP11222-31963 DAYBREAK_SNP11368-38251
FLOW CONTROL DURING CCTV INSPECTION	NOT CONTROLLED
RECORD DRAWINGS	S0064
UPSTREAM ASSET / TYPE / RIM TO INVERT DEPTH	SNMH01296 / MANHOLE / ±2.1
MIDLENGTH ASSET / TYPE / RIM TO INVERT DEPTH	SNMH01295 / MANHOLE / ±1.8
DOWNSTREAM ASSET / TYPE / RIM TO INVERT DEPTH	SNMH01434 / MANHOLE / ±2.9
PIPE DIAMETER AND MATERIAL	200mmØ AC
PIPE LENGTH BETWEEN MANHOLES	±25.5 METERS TO MIDPOINT ±42.0 METERS TO END
PIPE CONDITION	FULLY DETERIORATED
GROUNDWATER TABLE	GROUNDWATER HEIGHT UP TO GROUND SURFACE ELEVATION ABOVE PIPE
SOIL DENSITY	2350 kg/m ³
MODULUS OF SOIL REACTION	6.90 MPa
LIVE LOAD REQUIREMENTS	AASHTO HS-20
FACTOR OR SAFETY	2
DESIGN LIFE	50 YEARS
SERVICES	NONE
POINT REPAIR LOCATION	CUT ROOTS AT 40.3m FROM STMH01296
PREPARATION (BEFORE REHABILITATION)	FLUSH EXISTING SEWER - CLEAR ENCRUSTATION AND DEPOSITS FLUSH AND CLEAR DEBRIS IN OUTSIDE DROP AT SNMH01434
OVALITY OBSERVATIONS	REFER TO CCTV FOOTAGE

DESIGN METHOD SHALL TO BE IN ACCORDANCE WITH ASTM F1216 APPENDIX X1. THIRD PARTY TESTING REQUIRED TO SUBSTANTIATE FLEXURAL MODULI USED IN DESIGN. WHERE LONG TERM VALUES ARE NOT AVAILABLE IN ACCORDANCE WITH ASTM D2990, REFER TO MMCD SECTION 33 05 24, PARAGRAPH 3.2.7

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REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPRD
A	PRELIMINARY DESIGN	01/16/2026	JFH	VM
B	ISSUED FOR TENDER	02/25/2026	JFH	VM



SANITARY SEWER

DAYBREAK AVENUE
STA 2+110 TO 2+117



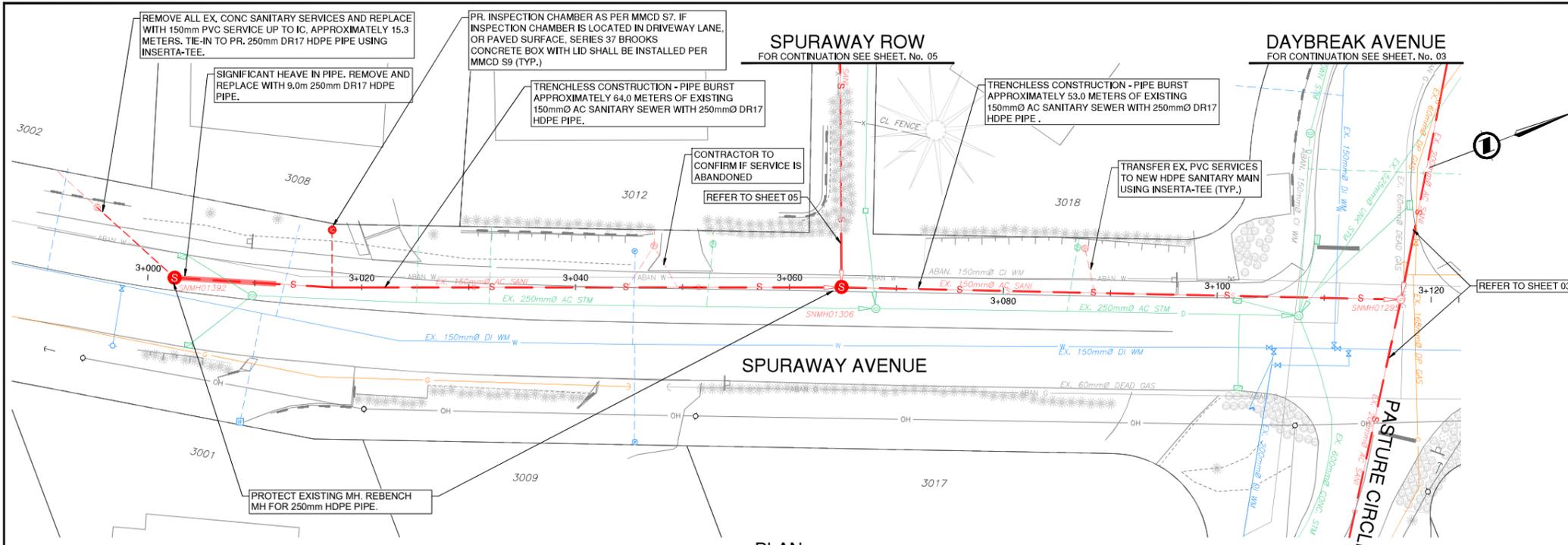
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SCALE	AS SHOWN	CREATION DATE	12/20/2025
DRAWN BY	JFH	DESIGN BY	JFH
CHECKED BY	TSB	APPROVED BY	VM
PLOT DATE	February 25, 2026		

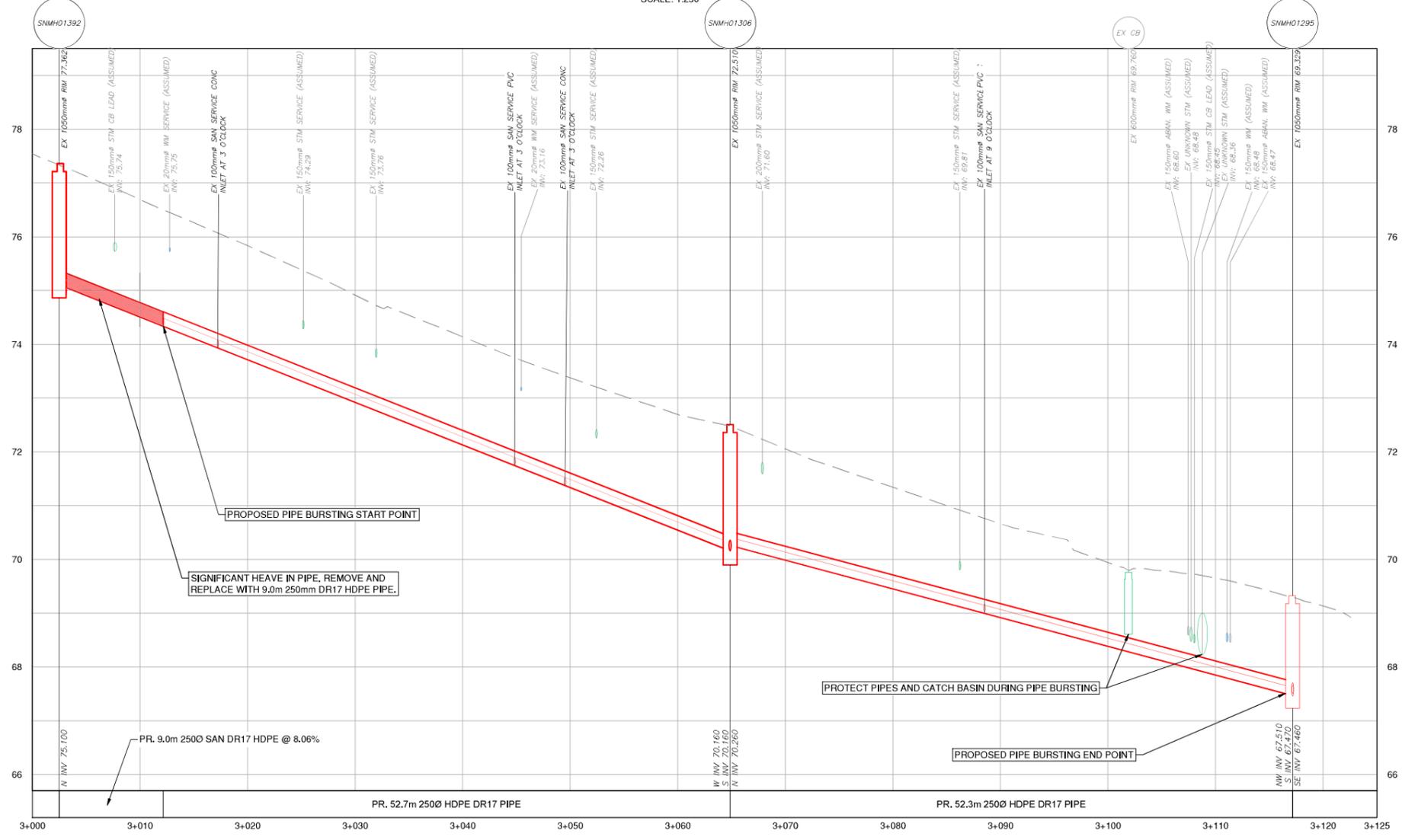
34504

DWG. NO. 03 OF 05 REV. B



PLAN
SCALE: 1:250

SPURAWAY AVENUE	
ADJACENT ADDRESS	3008 SPURAWAY AVENUE, COQUITLAM
CCTV BY	CITY OF COQUITLAM
CCTV DATE	5/8/2023
CCTV REPORTS	NONE
CCTV FOOTAGE	SPURAWAY_SNP11223-32644 SPURAWAY_SNP11224-32643
FLOW CONTROL DURING CCTV INSPECTION	NOT CONTROLLED
RECORD DRAWINGS	S0064
UPSTREAM ASSET / TYPE / RIM TO INVERT DEPTH	SNMH01392 / MANHOLE / ±2.3
MIDLENGTH ASSET / TYPE / RIM TO INVERT DEPTH	SNMH01306 / MANHOLE / ±2.3
DOWNSTREAM ASSET / TYPE / RIM TO INVERT DEPTH	SNMH01295 / MANHOLE / ±1.8
PIPE DIAMETER AND MATERIAL	150mmØ AC
PIPE LENGTH BETWEEN MANHOLES	±64 METERS TO MIDPOINT ±53 METERS TO END
SERVICES	4 - 100mmØ
PREPARATION (BEFORE REHABILITATION)	FLUSH EXISTING SEWER - CLEAR ENCrustATION AND DEPOSITS PRE-VIDEO TO CONFIRM PIPE BURSTING WILL WORK
OVALITY OBSERVATIONS	REFER TO CCTV FOOTAGE
PIPE BURST	



PROFILE
SCALE: 1:250H / 1:50V

SANITARY SERVICE LIST					
PROPERTY	EX. SERVICE	LOCATION	IC RIM ELEV.	PR IC INVERT (MIN.)	COMMENTS
3018 SPURAWAY AVENUE	100mmØ PVC	23.1m DOWNSTREAM FROM SNMH01306	72.04	-	
3012 SPURAWAY AVENUE	100mmØ CONC	15.0m UPSTREAM FROM SNMH01306	74.39	-	POSSIBLY ABANDONED, CONTRACTOR TO CONFIRM
3012 SPURAWAY AVENUE	100mmØ PVC	19.5m UPSTREAM FROM SNMH01306	-	±73.42	
3008 SPURAWAY AVENUE	100mmØ CONC	47.4m UPSTREAM FROM SNMH01306	-	±75.57	REPLACE
3002 SPURAWAY AVENUE	100mmØ CONC	SNMH01392	-	-	REPLACE

SANITARY MANHOLE TABLE				
MH NO.	RIM ELEV.	PIPE INVERT	LOCATION	TYPE
SNMH01392	77.33	N OUT 75.10 SW IN (SRVC) 75.08	STA. 3+002.50	EXISTING MANHOLE
SNMH01306	72.48	N OUT 70.14 S IN 70.16 W IN 70.26	STA. 3+064.84	EXISTING MANHOLE
SNMH01295	69.30	E OUT 67.46 S IN 67.47 W IN 67.51	STA. 3+117.12	EXISTING MANHOLE

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REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPRD
A	PRELIMINARY DESIGN	01/16/2026	JFH	VM
B	ISSUED FOR TENDER	02/23/2026	JFH	VM



SANITARY SEWER

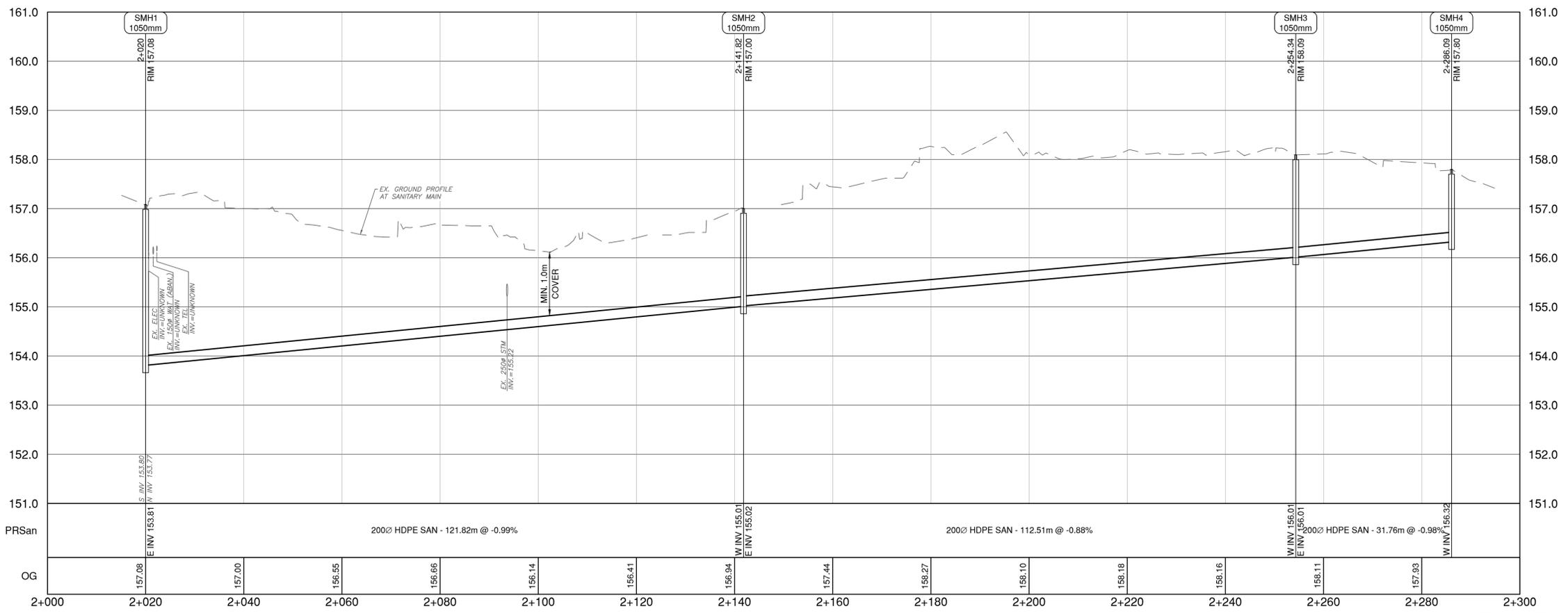
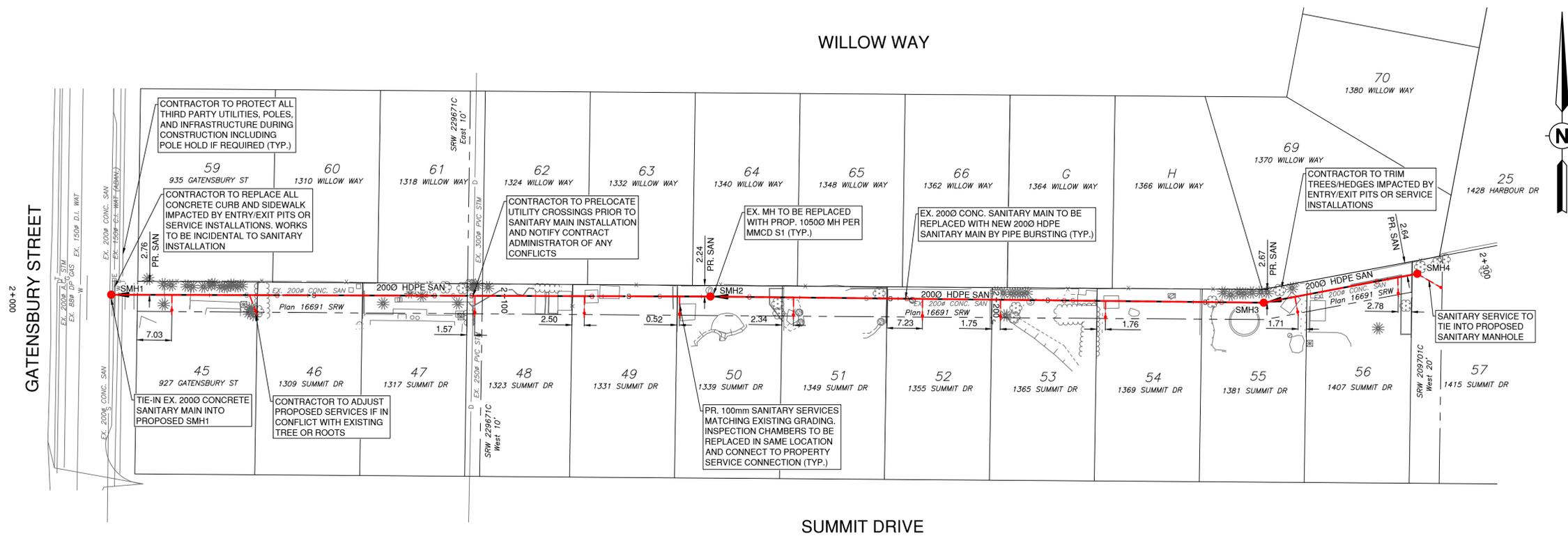
SPURAWAY AVENUE
STA 3+000 TO 3+125



ISSUED FOR TENDER

SCALE	AS SHOWN	CREATION DATE	12/20/2025	DWG. NO.	04
DRAWN BY	JFH	DESIGN BY	JFH	OF	05
CHECKED BY	TSB	APPROVED BY	VM	REV.	B
PLOT DATE	February 25, 2026				

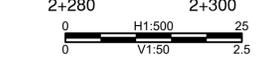
34504



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Edge of pavement	Hydrant	Sanitary service	Hydro Guy Wire
Watermain and valve	Water air valve	Sanitary cleanout	Hydro Kiosk
Drainage sewer, MH	Water blowoff	Utility pole (joint pole)	Vegetation Conifer
Drainage ditch	Water service	Utility pole with light	Vegetation Deciduous
Sanitary sewer, MH	Catch basin, top inlet	Streetlight, davit	Vegetation Shrub
Sanitary forcemain	Catch basin, side inlet	Streetlight, post top	Survey Traverse Hub
Gasmain and valve	Catch basin, round	Comb signal pole	Survey Iron Pin
Hydro duct, MH	Drainage service	Traffic signal pole	Survey Lead Plug
Telephone duct, MH	Drainage cleanout	Junction box	Survey Monument

No.	Date	By	Revisions	Eng.
0	2026-03-13	MS	ISSUED FOR TENDER (DRAFT)	AG

Design by	Date	
MS	March 13, 2026	
Drawn by	Date	
MWJ	March 13, 2026	
Checked by	Date	
MH	March 13, 2026	
Approved by	Date	
AG	March 13, 2026	

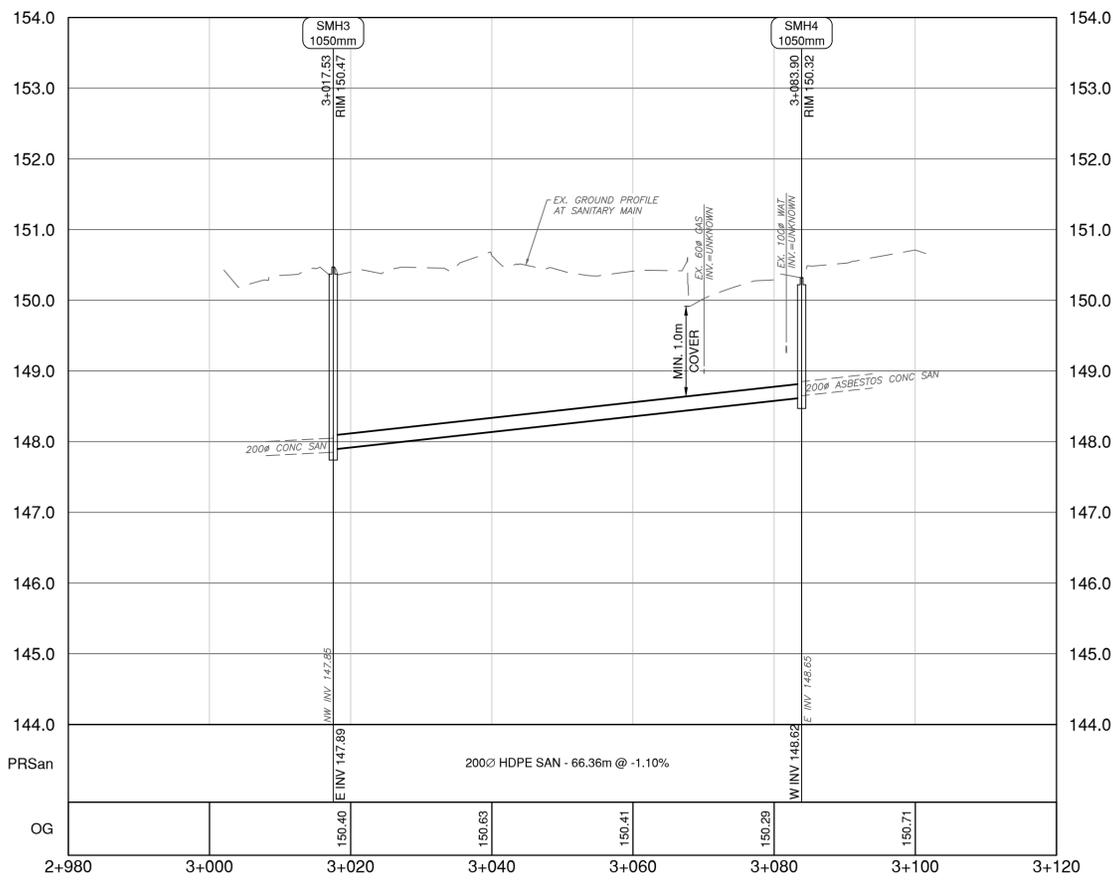
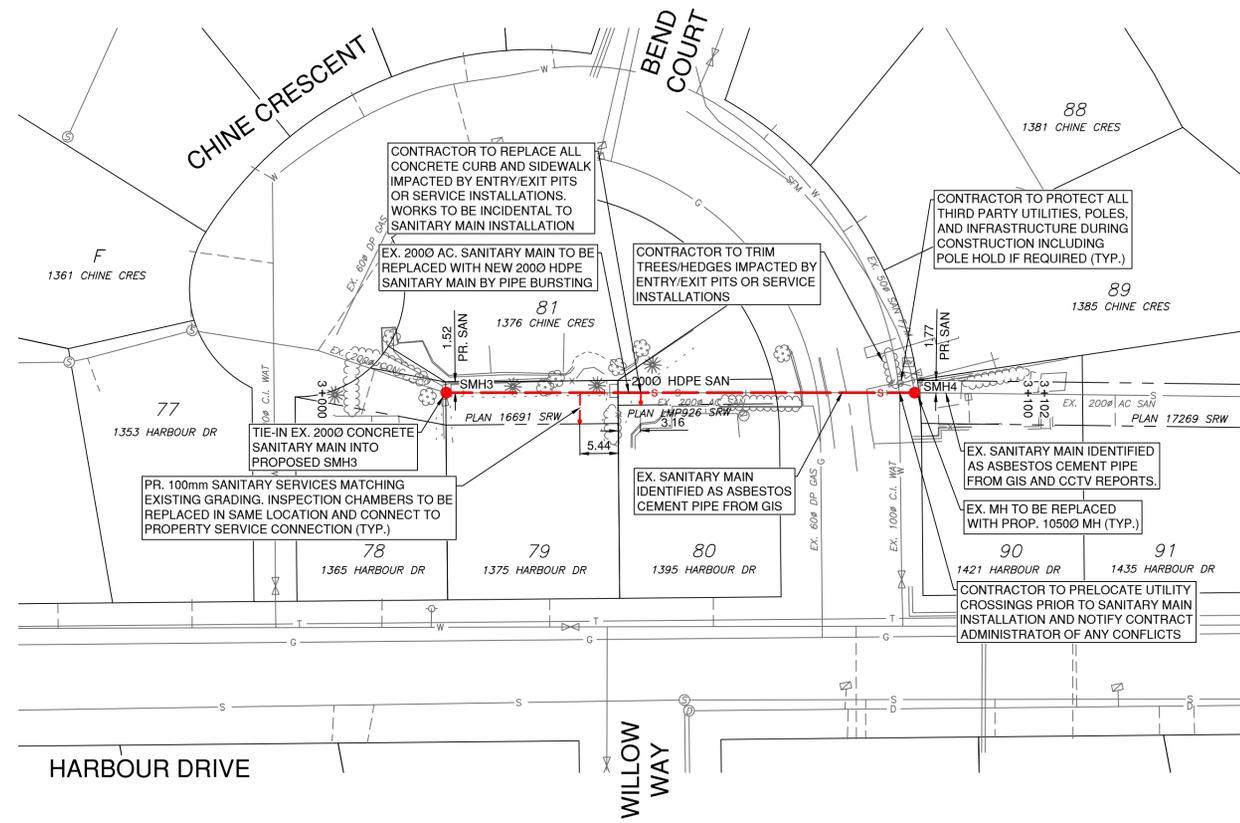
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Scale 1:500
Scale 1:50
Sheet 01 of 02
Eng. Project No. 2111-06679-00

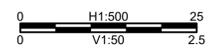
Project 2026 UTILITY UPGRADES
HARBOUR CHINES AREA
Description SANITARY SEWER
ROW BETWEEN WILLOW WAY AND SUMMIT DRIVE - STA. 2+020 TO STA. 2+286
File: 06679-C2-400



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Edge of pavement	Hydrant	Sanitary service	Hydro Guy Wire
Watermain and valve	Water air valve	Sanitary cleanout	Hydro Kiosk
Drainage ditch	Water blowoff	Utility pole (joint pole)	Vegetation Conifer
Sanitary sewer, MH	Water service	Utility pole with light	Vegetation Deciduous
Sanitary sewer, MH	Catch basin, top inlet	Streetlight, davit	Vegetation Shrub
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Design by	Date	
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Checked by	Date	
MH	March 13, 2026	
Approved by	Date	
AG	March 13, 2026	

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Coquitlam
Engineering & Public Works
3000 Guildford Way, Coquitlam, B.C. V3B 7N2

Scale	1:500	Scale	1:50
horiz.		vert.	
Sheet	02	of	02
Eng. Project No.	2111-06679-00		

Project **2026 UTILITY UPGRADES
HARBOUR CHINES AREA**

Description **SANITARY SEWER**

ROW AT CHINE CRESCENT - STA. 3+018 TO STA. 3+084

File: 06679-C3-400