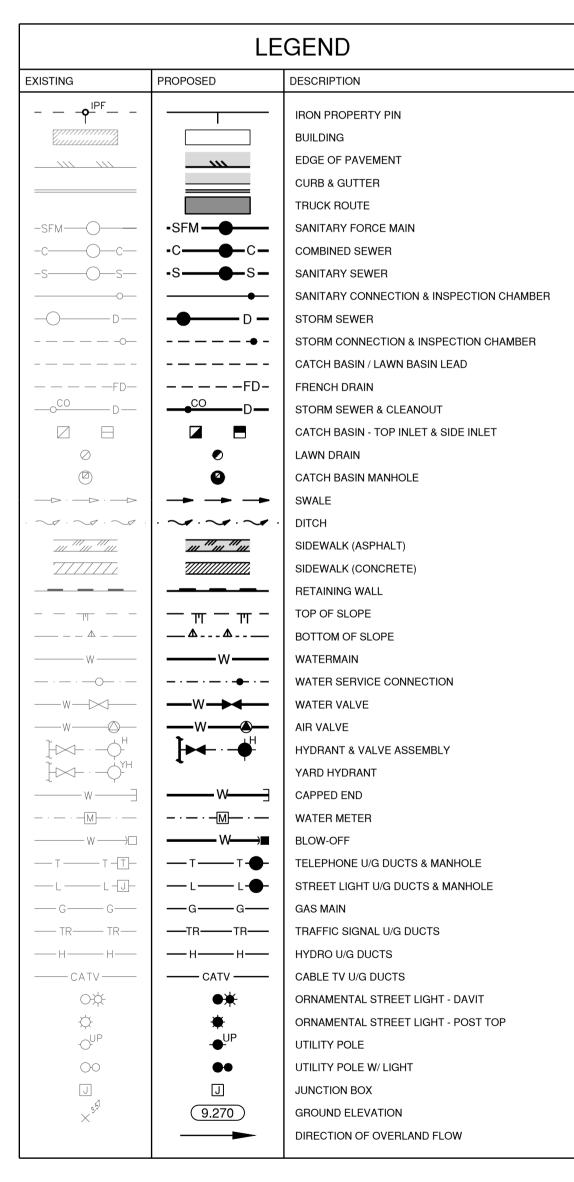
CITY OF COQUITLAM 3000 GUILDFORD WAY, COQUITLAM, BC V3B 7N2

2025 SIDEWALK PROGRAM 93344

BURQUITLAM AREA ISSUED FOR TENDER





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Scale: N.T.S.



R.F. BINNIE & ASSOCIATES LTD.

300 - 4940 Canada Way,
Burnaby, BC V5G 4K6
TEL 604 420 1721
BINNIE.com



GENERAL CONSTRUCTION NOTES

- 1. ALL MATERIALS SUPPLIED AND CONSTRUCTION PERFORMED SHALL BE IN ACCORDANCE WITH THE CITY OF COQUITLAM DESIGN CRITERIA THE LATEST EDITION OF WORKSAFE BC, THE MASTER MUNICIPAL CONTRACT DOCUMENTS (MMCD) - 2009 EDITION (PLATINUM BOOK), AND ANY OTHER APPLICABLE DESIGN CRITERIA, SPECIFICATIONS, STANDARD DRAWINGS, AND CONSTRUCTION SPECIFICATIONS.
- 2. ALL MATERIAL TESTING MUST BE DONE IN ACCORDANCE WITH THE MMCD; TESTING TO BE CARRIED OUT BY QUALIFIED MATERIAL TESTING FIRM AND PAID FOR BY THE CONTRACTOR. THE CONTRACTOR IS TO PROVIDE COPIES OF ALL TEST RESULTS TO THE CONTRACT ADMINISTRATOR (CA). THE CONTRACTOR IS TO NOTIFY THE CA 48 HOURS PRIOR TO CONSTRUCTION AND VERIFY THEY HAVE THE LATEST DRAWINGS ISSUED FOR CONSTRUCTION. COPIES OF THE MMCD CAN BE OBTAINED AT MASTER MUNICIPAL CONSTRUCTION DOCUMENTS ASSOCIATION (MMCDA), 102-211 COLUMBIA STREET, VANCOUVER, BC V6B 2R5.
- THE CONTRACTOR IS TO NOTIFY THE CA AT THE FOLLOWING STAGES OF THE CONSTRUCTION SCHEDULE:
- 3.1. DELIVERY OF STORM SEWER MATERIAL TO SITE.
- 3.2. DELIVERY OF SANITARY SEWER MATERIALS TO SITE.
- 3.3. DELIVERY OF WATER WORKS MATERIALS TO SITE.
- 3.4. INITIAL INSTALLATION OF STORM SEWER, SANITARY SEWER, AND WATER WORKS CONSTRUCTION PRIOR TO BACKFILLING.
- 3.5. GRADING OF ROAD SURFACES PRIOR TO PAVING.
- 4. THE CONTRACTOR IS TO NOTIFY THE CITY OF COQUITLAM ENGINEERING DEPARTMENT 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION WITHIN THE ROAD ALLOWANCES AND RIGHTS-OF-WAYS.
- ALL WORK SHALL PASS THE INSPECTION OF THE ENGINEERING DEPARTMENT OF THE CITY OF COQUITLAM.
- 6. THE CONTRACTOR SHALL HAVE COMPLETE CONTROL OF THE WORK AND SHALL EFFECTIVELY DIRECT AND SUPERVISE THE WORK SO AS TO ENSURE CONFORMANCE WITH THE CONTRACT DOCUMENTS, SUBJECT TO THE OWNER'S RIGHTS AS SPECIFICALLY SET OUT IN THE CONTRACT DOCUMENTS TO GIVE DIRECTIONS REGARDING WORK, THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING THE VARIOUS PARTS OF THE
- 7. THE CONTRACTOR SHALL MAINTAIN THE WORK IN A TIDY CONDITION AND FREE FROM THE ACCUMULATION OF WASTE, DEBRIS, AND WASTE PRODUCTS, OTHER THAN THAT CAUSED BY THE OWNER OR ITS EMPLOYEES.
- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONSTRUCTION SAFETY AT THE PLACE OF WORK AS AND TO THE EXTENT REQUIRED BY APPLICABLE CONSTRUCTION SAFETY LEGISLATION, REGULATIONS AND CODES, INCLUDING THE WORKERS COMPENSATION ACT AND APPLICABLE REGULATIONS, AND BY GOOD CONSTRUCTION PRACTICE.
- 9. THE CONTRACTOR SHALL ENSURE THAT ALL APPROVALS AND/OR PERMITS REQUIRED FOR THE PROPOSED WORKS HAVE BEEN OBTAINED FROM ALL AUTHORITIES AND AGENCIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
- 10. WORKSAFE B.C. IS TO BE NOTIFIED PRIOR TO THE START OF CONSTRUCTION
- 11. THE LOCATIONS OF THE EXISTING UTILITIES, AS SHOWN ON THE DESIGN DRAWINGS, ARE APPROXIMATE ONLY AND THIS INFORMATION MAY NOT BE FULLY ACCURATE OR COMPLETE. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL LOCATE AND EXPOSE ALL EXISTING UTILITIES AT ALL TIE-IN POINTS, AT ALL POINTS WHERE A CONFLICT MAY ARISE DURING THE CONSTRUCTION OF THE PROPOSED WORKS, AND TO CONFIRM DESIGN ELEVATIONS. IN THE EVENT OF A CONFLICT, THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE CA FOR DIRECTIONS. THE CONTRACTOR SHALL ASSUME ALL COSTS AND EXPENSES THAT MAY OCCUR FOR DAMAGES SUPPORT OF AND REPAIR TO SUCH PLANT BY REASON OF THE NEGLIGENCE OF HIS OPERATIONS. (EXISTING UTILITIES SHOWN ARE DERIVED FROM AS-BUILT INFORMATION AND ALL UTILITIES MAY NOT BE NECESSARILY SHOWN).
- 12. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR THE REPAIR OF ANY DAMAGE CAUSED TO EXISTING STREET OR SERVICES BY CONSTRUCTION EQUIPMENT AND/OR TRUCKS HAULING MATERIAL TO THE SITE. THIS MAY INCLUDE DAILY CLEANING OR SWEEPING EXISTING ROADS OF DIRT AND DEBRIS CAUSED BY CONSTRUCTION ACTIVITIES.
- 13. ALL CONSTRUCTION IN AND ABOUT A WATERCOURSE MUST RECEIVE PRIOR APPROVAL FROM THE PROVINCIAL MINISTRY OF ENVIRONMENT AND/OR THE FEDERAL DEPARTMENT OF FISHERIES AND OCEANS WHERE APPLICABLE.
- 14. ALL ASPHALT CUTS SHALL BE STRAIGHT WITH VERTICAL CLEAN EDGES SO THAT THE ASPHALT SURFACE MAY BREAK EVENLY AND CLEANLY. THE EDGE OF PAVEMENT SHALL BE SAWCUT AND KEYED TO FORM A MINIMUM 200mm WIDE LAP JOINT WITH THE PROPOSED PAVEMENT UNLESS NOTED OTHERWISE OR AS DIRECTED BY THE CA.
- 15. EXISTING UNDERGROUND UTILITY TRENCHES ADJACENT TO THE PROPOSED UNDERGROUND UTILITY INSTALLATION SHALL BE ADEQUATELY PROTECTED FROM SLOUGHING IN ORDER TO PREVENT OVER-WIDTH EXCAVATION.
- 16. THE CONTRACTOR SHALL RESTORE THE EXISTING PAVEMENT ACROSS ALL TRENCH EXCAVATIONS TO ORIGINAL CONDITION OR BETTER AND THE FINISHED PAVEMENT SHALL BLEND IN SMOOTHLY WITH THE EXISTING PAVEMENT. THE EDGE OF PAVEMENT SHALL BE SAWCUT AND KEYED TO FORM A MINIMUM 200mm WIDE X 35mm DEEP LAP JOINT WITH THE PROPOSED PAVEMENT UNLESS NOTED OTHERWISE OR AS DIRECTED BY THE CA.
- 17. THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING NEAR EXISTING SERVICES AND ANY SERVICES DISTURBED ARE TO BE REPLACED TO THE SATISFACTION OF THE CITY OF COQUITLAM OR OTHER APPROVING AGENCIES.
- 18. ANY MATERIAL SUBSTITUTION AND/OR CHANGE IN DESIGN MUST OBTAIN WRITTEN APPROVAL FROM THE CA PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. THE CITY SHALL BE NOTIFIED OF ANY SUBSTITUTION AND/OR CHANGE IN DESIGN. ANY CHANGE IN DESIGN WILL REQUIRE A DRAWING REVISION.
- 19. ALL SURVEY MONUMENTS, BENCHMARKS, AND LEGAL PINS MUST BE PROTECTED AND ANY DAMAGE CAUSED BY THE NEGLIGENCE OF THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- 20. ALL EXISTING IMPROVEMENTS INCLUDING EXISTING LANDSCAPING, FENCES, SIDEWALKS, RETAINING WALLS, ETC. SHALL BE RESTORED TO THE SATISFACTION OF THE CITY OF COQUITLAM. THE CITY OF COQUITLAM MAY REQUIRE WRITTEN ACCEPTANCE BY THE AFFECTED PROPERTY OWNERS FOR RESTORATION WORKS PERFORMED BY THE CONTRACTOR.
- 21. FOR LANDSCAPING DETAILS AND DIMENSIONS, REFER TO THE LANDSCAPE DESIGN DRAWINGS PREPARED BY THE LANDSCAPING CONSULTANT.
- 22. JUNCTION BOXES, VALVE COVERS, MANHOLE FRAMES & COVERS WITHIN THE PAVED ROADWAY TO BE LEFT LOW AT BASE LEVEL AT THE TIME OF BASE LIFT ASPHALT AND RAISED JUST PRIOR TO THE FINAL LIFT OF PAVING.
- 23. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION FROM ADJACENT PROPERTY OWNERS FOR A TEMPORARY ENCROACHMENT ON PRIVATE PROPERTY
- 24. ALL PAVEMENT MARKINGS, LINE PAINTING, DIRECTIONAL LINES/ARROWS/SIGNAGE ETC. SHALL BE PLACED IN ACCORDANCE WITH THE
- 25. THE CONTRACT ADMINISTRATOR SHALL BE RESPONSIBLE FOR PROVIDING THE NECESSARY FIELD SURVEYS TO PERMIT THE LAYOUT. CONSTRUCTION AND MEASUREMENT OF QUANTITIES OF THE WORK FOR PAYMENT. NO ADDITIONAL PAYMENT WILL BE MADE FOR THIS FIELD SURVEY, WHICH IS DEEMED TO BE INCLUDED IN THE UNIT PRICES TENDERED FOR THE ITEMS IN THE SCHEDULE OF QUANTITIES AND
- THE CA WILL PROVIDE THE CONTRACTOR WITH CAD FILE WHICH CONTAINS HORIZONTAL AND VERTICAL SURVEY CONTROLS.
- 26. THE CONTRACTOR SHALL BE RESPONSIBLE IN PROVIDING TRAFFIC CONTROL, SIGNAGE, DELINEATORS, BARRICADES, AND OTHER MISCELLANEOUS WARNING DEVICES AS REQUIRED TO MAINTAIN VEHICLE AND PEDESTRIAN FLOW AND FOR EMERGENCY VEHICLE ACCESS.
- 27. CONTACT COQUITLAM ENGINEERING DEPT. MIN. 48HRS PRIOR TO COMMENCEMENT OF CONSTRUCTION TO ARRANGE FOR WORKS INSPECTOR.
- 28. ALL EXCAVATION WITHIN EXISTING TREE DRIP LINES TO BE BY HAND OR HYDRO-VAC.

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- 26. THE CONTRACTOR SHALL KEEP PROPER AS BUILT INFORMATION DURING CONSTRUCTION AND SUBMIT THE INFORMATION TO THE CONTRACT ADMINISTRATOR PRIOR TO THE REQUEST OF SUBSTANTIAL COMPLETION CERTIFICATE. THE CONTRACTOR SHALL PROVIDE TO THE CA ONE (1) SET OF AS-CONSTRUCTED SITE GRADING, SITE SERVICING, AND SITE ELECTRICAL DRAWINGS SHOWING THE LOCATION AND ELEVATION OF ALL NEW AND EXISTING WORKS ENCOUNTERED ON THE PROJECT.
- 27. THE CONTRACTOR SHOULD KEEP RECORDS AND/OR PHOTOS OF EXISTING ROCK WALLS, TREES, DRIVEWAYS AND WALKWAYS WHERE REQUIRED FOR GENERAL CONSTRUCTION NOTES #20 AND #32.
- 28. THE CONTRACTOR IS ADVISED TO REVIEW THE ELECTRICAL DESIGN DRAWINGS FOR COORDINATION AND INSTALLATION OF ELECTRICAL DUCT
- 29. ALL TREES DESIGNATED TO BE SAVED ARE TO BE PROTECTED BY SNOW FENCING.

- 1. SUBGRADE AND GRANULAR BASE MATERIALS SHALL BE COMPACTED TO AT LEAST 95% OF THEIR MODIFIED PROCTOR DRY DENSITY UNLESS
- 2. ALL LOOSE AND ORGANIC MATERIAL SHALL BE EXCAVATED AND REMOVED FROM THE ROADWAY.
- 3. THE ROAD BASE SHALL EXTEND A MINIMUM OF 300mm BEYOND THE SIDEWALK AND/OR CURB AND GUTTER, WHICHEVER IS GREATER AND FILLED TO THE LEVEL OF THE SIDEWALK OR CURB FOR SUPPORT.
- 4. THE CRUSHED GRANULAR BASE COURSE SHALL BE PROOF-ROLLED OR TESTED IN ANOTHER APPROVED MANNER PRIOR TO THE PLACEMENT OF THE PROPOSED CONCRETE CURB AND GUTTER AND ROAD PAVEMENT.
- 5. THE PROPOSED PAVEMENT STRUCTURE SHALL BE AS DESIGNATED BY THE ROADWORKS DESIGN DRAWINGS.
- 6. ALL VALVE BOXES, MANHOLES, JUNCTION BOXES, ETC. WITHIN THE ROAD RIGHT OF WAY SHALL BE ADJUSTED TO FINISHED GRADE UNLESS
- 7. THE ADJUSTMENT OF MANHOLES, VALVE COVERS, AND ALL OTHER APPURTENANCES TO SUIT NEW ASPHALT GRADES IS INCIDENTAL TO ASPHALT PAVING UNLESS OTHERWISE SPECIFIED IN SCHEDULE OF QUANTITIES AND PRICES (TYP.).
- 8. CONTRACTOR TO REPLACE ALL MANHOLE FRAMES AND LIDS, WATER VALVE BOXES AND COVERS, AND GAS VALVE BOXES AND COVERS WITHIN THE ROADWAY AS DIRECTED BY CA.
- 9. LOCATIONS OF DRIVEWAYS, WHEELCHAIR RAMPS, ETC. SHALL BE CONFIRMED IN THE FIELD PRIOR TO CONSTRUCTION OF THE PROPOSED CONCRETE CURB AND GUTTER.
- 10. DRIVEWAY CROSSINGS SHALL BE INSTALLED PER THE DETAILS ON THE ROADWORKS DESIGN DRAWINGS, AS DESCRIBED IN CONTRACT DOCUMENTS OR AS DIRECTED BY CONTRACT ADMINISTRATOR.
- 11. CHANGES IN GRADE SHALL BE FORMED WITH SMOOTH CURVES.
- 12. THE CONTRACTOR SHALL SAWCUT THE EXISTING PAVEMENT WHERE INDICATED ON THE DRAWING OR AS DIRECTED BY THE CA.
- 13. CATCH BASIN RIM ELEVATIONS SHALL BE SET 30mm BELOW THE FINISHED GUTTER LINE GRADES. THE GUTTER AND ROAD SURFACE AREA TO BE SHAPED TO FORM A DISH AROUND THE INLET.
- 14. TIE-IN TO EXISTING PAVEMENT SHALL BE MADE BY CUTTING BACK THE EXISTING PAVEMENT TO SOUND MATERIAL AS NECESSARY TO PRODUCE A NEAT VERTICAL FACE WITH STRAIGHT EDGE PRIOR TO PLACING HOT MIX ASPHALTIC CONCRETE. EXPOSED PAVEMENT SURFACES SHALL BE CLEANED, PAINTED WITH TACK COAT, AND HEATED TO 65 DEGREES CELSIUS. THE FINISHED PAVEMENT SURFACE SHALL BLEND IN SMOOTHLY WITH EXISTING PAVEMENT. THE EDGE OF PAVEMENT SHALL BE SAWCUT AND KEYED TO FORM A MINIMUM 200mm WIDE X 35mm DEEP LAP JOINT WITH PROPOSED PAVEMENT UNLESS NOTED OTHERWISE OR AS DIRECTED BY THE ENGINEER.
- 15. ALL PAVEMENT MARKINGS AND SIGNAGE TO BE REINSTATED IN THE PLACE OF WORK UNLESS OTHERWISE NOTED. THE CA IS RESPONSIBLE TO PERFORM PRE AND POST CONSTRUCTION SURVEY WORK ESSENTIAL FOR THE REINSTATEMENT OF PAVEMENT MARKINGS AND SIGNAGE.
- 16. OVER-EXCAVATE (OPTIONAL): WHERE DIRECTED BY THE CONTRACT ADMINISTRATOR, EXCAVATE UNSUITABLE MATERIAL AND REPLACE WITH IMPORTED BASE GRAVEL OR CRUSHED GRANULAR SUB-BASE COMPACTED IN PLACE TO 95% MODIFIED PROCTOR DENSITY.
- 17. CONTRACTOR TO IDENTIFY ANY SURVEY MONUMENTS AND LEAD PLUGS THAT MAY BE DISTURBED DURING CONSTRUCTION AND ARRANGE WITH THE OWNER'S SURVEY DEPARTMENT 5 DAYS PRIOR TO CONSTRUCTION TO REFERENCE LOCATIONS BEFORE WORK COMMENCES.
- 18. PROOF ROLL BASE, ADD GRAVELS AS REQ'D, RECOMPACT, AND RESHAPE AS REQ'D PRIOR TO PAVING.

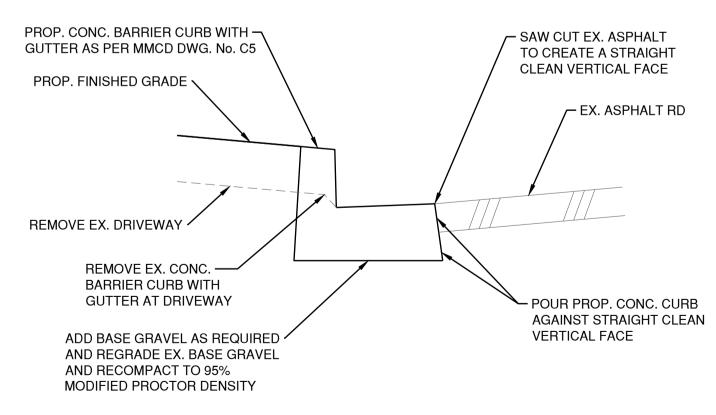
19. CLEAN AND TACK-COAT ALL ASPHALT SURFACES INCLUDING JOINTS PRIOR TO PAVING.

20. CONTRACT ADMINISTRATOR MUST SET THE SURVEY LAYOUT OF THE PROPOSED CURB AND GUTTER AND SIDEWALK. A WALKTHROUGH WITH

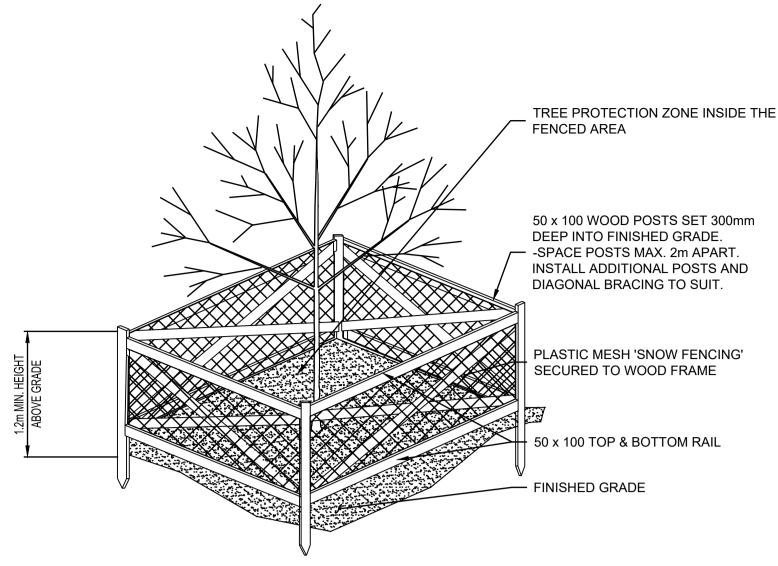
THE CONTRACT ADMINISTRATOR IS REQUIRED AFTER THE LAYOUT IS DONE. ADJUSTMENTS OF BOULEVARD, SIDEWALK ELEVATIONS AND

LAYOUT MUST BE DONE AS INSTRUCTED BY THE CONTRACT ADMINISTRATOR. THESE ADJUSTMENTS ARE INCIDENTAL TO THE CONTRACT.

- 21. ALL CHANGES ARE INCIDENTAL TO CONTRACT.
- 22. NEW LINE PAINTING AND SIGNAGE AS PER M.U.T.C.D STANDARDS.

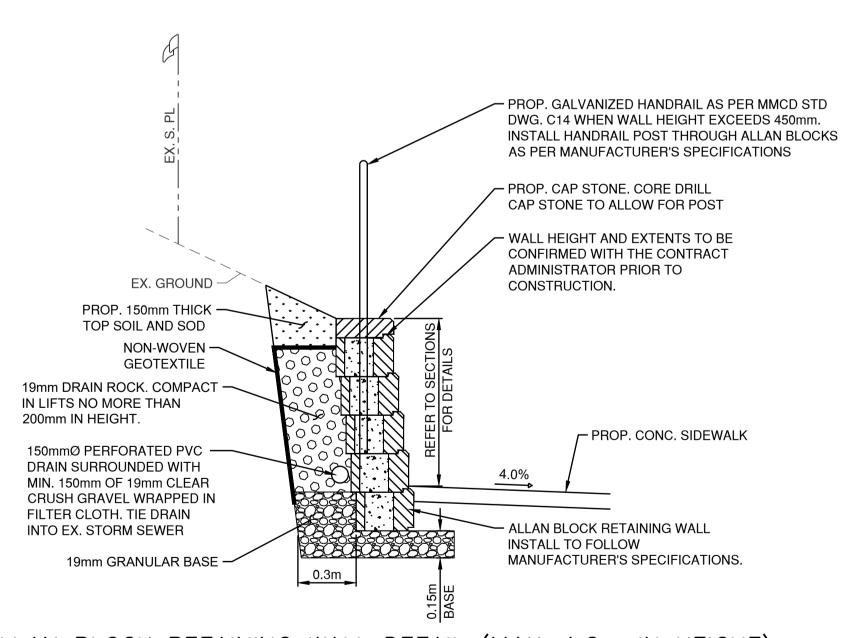


REMOVE AND REINSTATE CONC. BARRIER CURB DETAIL



- 1. INSTALL TREE PROTECTION FENCING BEFORE SITE CLEARING AND ANY CONSTRUCTION BEGINS. MAINTAIN AND DO
- NOT MOVE TREE PROTECTION FENCING THROUGHOUT THE DURATION OF THE CLEARING AND CONSTRUCTION PHASE. 2. CRITICAL ROOT ZONE (CRZ) OF TREES TO BE RETAINED MUST BE PROTECTED. ALL EXCAVATION WITHIN CRZ TO BE BY LOW PRESSURE AIR VAC OR HYDRO VAC UNDER ARBORIST SUPERVISION. THE CONTRACTOR TO HAVE AN ARBORIST ON SITE FOR ANY WORK WITHIN CRZ/ TREE PROTECTION ZONE.
- 3. REMOVE TREE PROTECTION FENCING WITHIN 2 WEEKS AFTER PROJECT COMPLETION.
- 4. CONTRACTOR IS RESPONSIBLE FOR KEEPING BUILDING MATERIALS & LITTER OUT OF THE TREE PROTECTION ZONE OR AGAINST THE TREE PROTECTION FENCING.
- 5. NO EXCAVATIONS, DRAIN OR SERVICE TRENCHES OR ANY OTHER DISRUPTION IS PERMITTED WITHIN THE TREE PROTECTION ZONE. CONTACT THE CONSULTING ARBORIST IF THERE ARE ANY PROPOSED DISTURBANCES PRIOR TO
- 6. VEHICLES OR MACHINERY MAY NOT PASS WITHIN THE TREE PROTECTION ZONE AS COMPACTION WITHIN THE CRITICAL ROOT ZONE CAN CAUSE LONG TERM DAMAGE TO THE TREE.
- 7. REPLANTING WITHIN THE TREE RETENTION AREA SHALL BE PERFORMED IN SUCH A MANNER AS TO MINIMIZE IMPACT TO ROOT ZONES OF RETAINED TREES.
- 8. TREE REMOVAL, PRUNING OF MAJOR BRANCHES AND ROOT SHOULD BE DONE UNDER THE DIRECTION OF THE CONSULTING ARBORIST.
- MULCH AND ORGANICS LAYER AROUND EXISTING TREES TO REMAIN UNDISTURBED.
- MAINTAIN EXISTING GRADES AT PROTECTION BARRIER FOR ALL TREES TO BE RETAINED.
- 11. REGRADING OUTSIDE OF PROTECTION BARRIER SHOULD NOT ADVERSELY COMPROMISE PROTECTED TREES. 'AIRED. TREES MORTALLY DAMAGED
- BY THE CONTRACTOR MUST BE REPLACED BY THE CONTRACTOR AT HIS OR HER COST. 13. TREE PROTECTION FENCING TO BE AT A DISTANCE OF 6X THE DBH (DIAMETER BREAST HEIGHT) WHERE POSSIBLE FROM TRUNK, UNLESS OTHERWISE INDICATED IN MUNICIPAL TREE BYLAWS

TREE PROTECTION FENCING DETAIL



ALLAN BLOCK RETAINING WALL DETAIL (MAX. 1.2m IN HEIGHT)

EGBC PERMIT No. 1001128

ISSUED FOR TENDER

Hydro Guy Wire Sanitary service Sanitary cleanout Hydro Kiosk Water air valve Vegetation Conifer Utility pole(joint pole) Utility pole with light Vegetation Deciduous Vegetation Shrub Catch basin, top inlet Survey Traverse Hub Survey Iron Pin Gasmain and valve Comb signal pole Traffic signal pole Survey Lead Plug Hydro duct, MH - Drainage cleanout Telephone duct, MH Junction box Survey Monument

This drawing is not to be used for construction unless it is stamped "ISSUED FOR CONSTRUCTION" and signed by R.F. Binnie & Associates

3 | 2025-05-14 | KX | ISSUED FOR TENDER 2025-04-28 | KX | 90% DETAILED DESIGN 2025-02-28 BM PRELIMINARY DESIGN SUBMISSION Date By Revisions No.

Design by 2025-02-28 2025-01-20 Checked by Date 2025-02-28 Approved by Date 2025-02-28



Coouitlam Engineering & Public Works

3000 Guildford Way, Coquitlam, B.C. V3B 7N2

18 of Eng. Project No. 93344

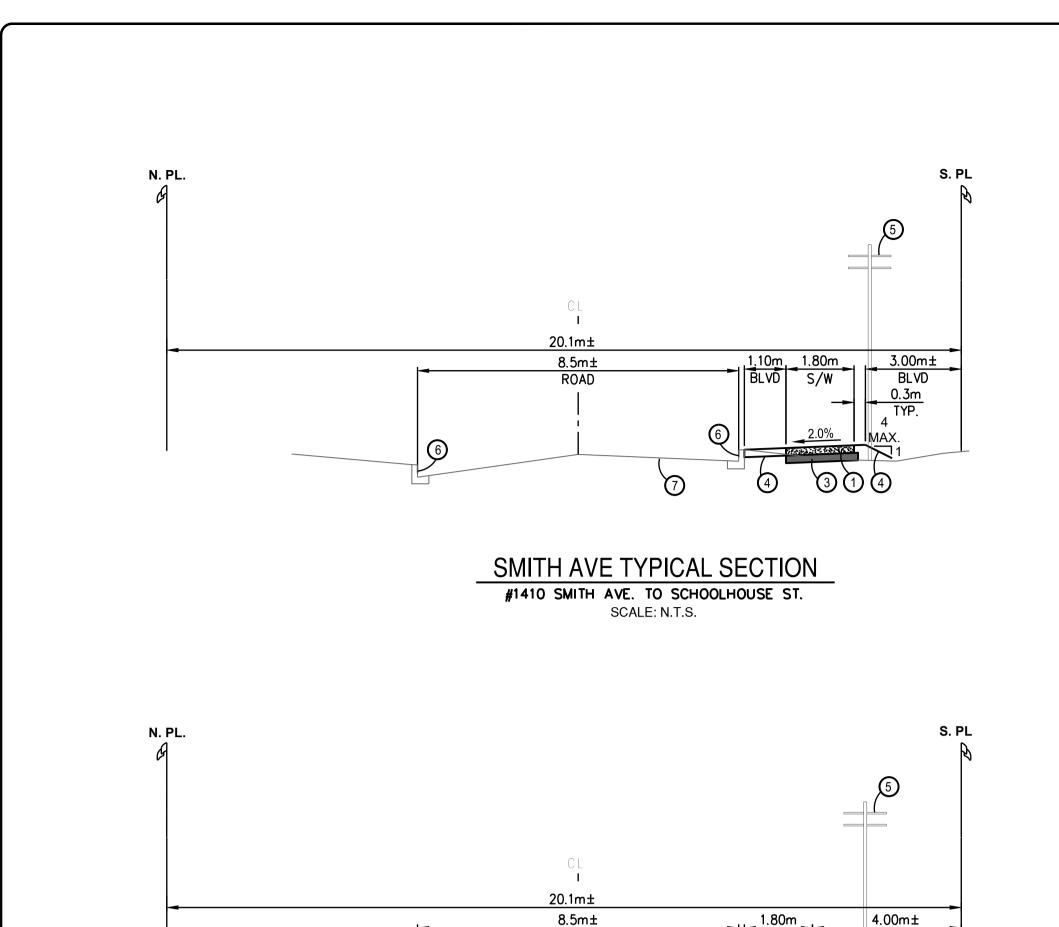
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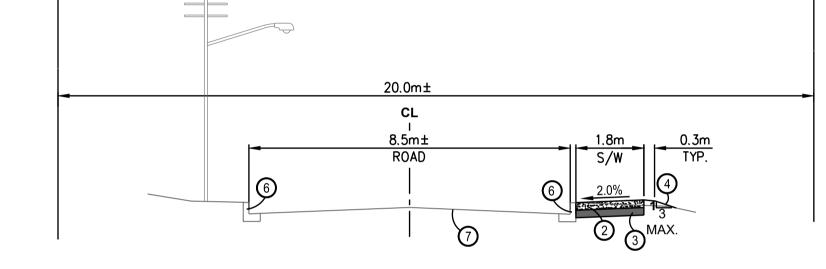
2025 SIDEWALK PROGRAM 93344

Poscription ROADWORKS - NOTES & DETAILS REV. 3

File: 24-0765-N

NOT TO SCALE



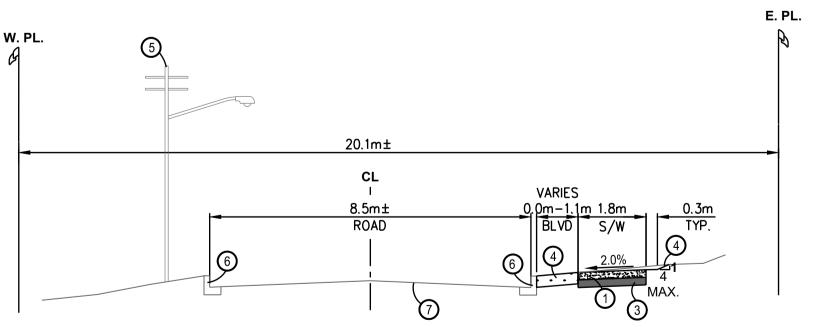


19.9m±

ACCACIA AVE TYPICAL SECTION

FAIRVIEW ST. TO ROBINSON ST. SCALE: N.T.S.

IVY AVE TYPICAL SECTION DENTON ST. TO CROSBY ST. SCALE: N.T.S.



DENTON ST TYPICAL SECTION APPIAN WAY TO IVY AVE.

SCALE: N.T.S.

Traffic signal pole

Junction box

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– Drainage cleanout

Hydro Guy Wire

Vegetation Conifer

Vegetation Shrub

Survey Iron Pin

Survey Lead Plug

Survey Monument

Survey Traverse Hub

Vegetation Deciduous 😲

2 | 2025-04-28 | KX | 90% DETAILED DESIGN

1 2025-02-28 BM PRELIMINARY DESIGN SUBMISSION
No. Date By Revisions

Hydro Kiosk

| Design by BM |
|----------------------|
| Drawn by SV |
| Checked by WC |
| Approved by KD |

Date 2025-02-28

2025-01-20

2025-02-28

2025-02-28

Date

Date

Date

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| cale N.T.S. | Scale vert. | N.T.S. | | | |
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| ng. Project No. 93344 | | | | | |

ISSUED FOR TENDER 2025 SIDEWALK PROGRAM 93344

Description ROADWORKS - TYPICAL SECTIONS File: 24-0765-TS

Telephone duct, MH Plot Date: May 14, 2025

NOT TO SCALE

Edge of pavement

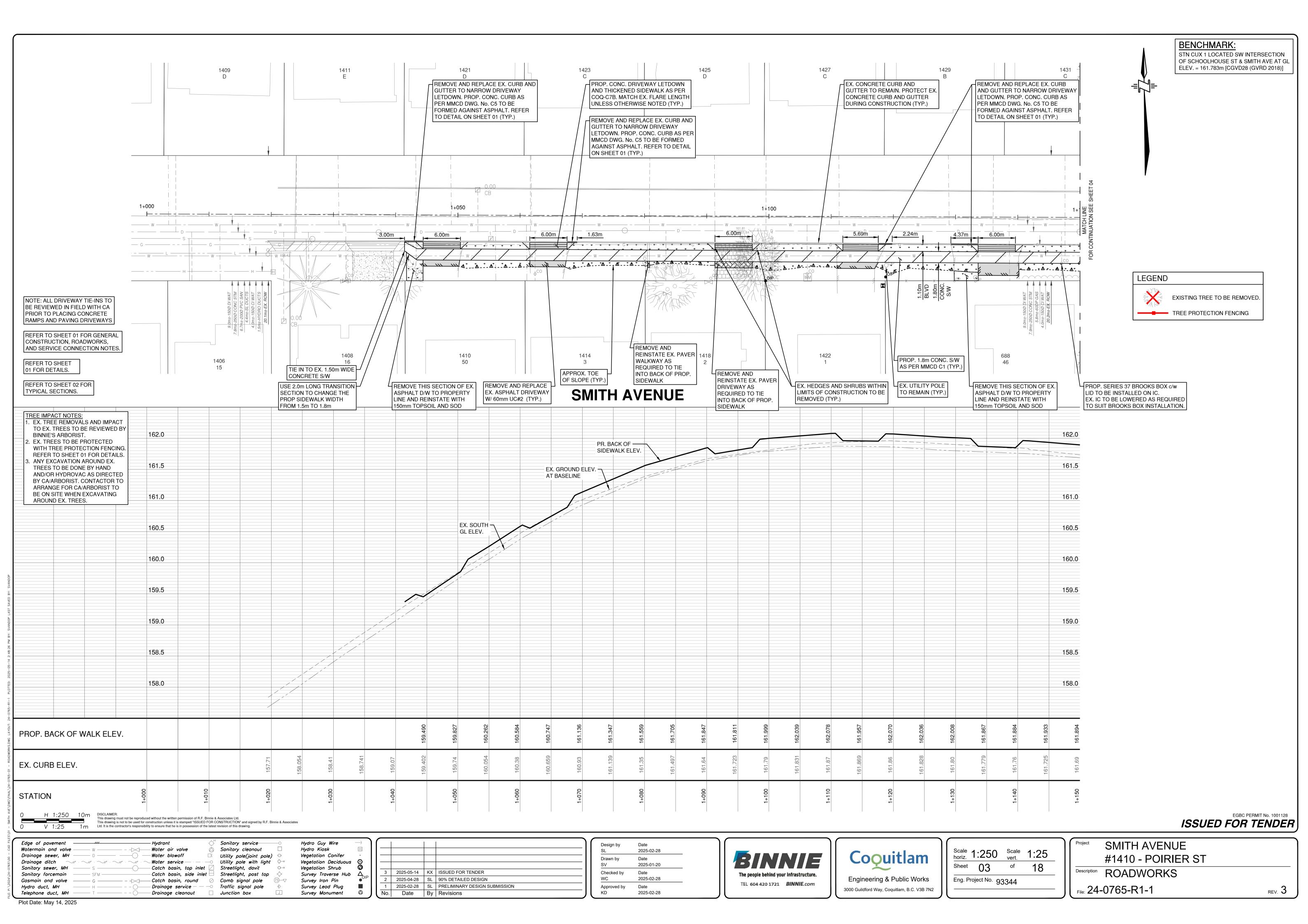
Watermain and valve

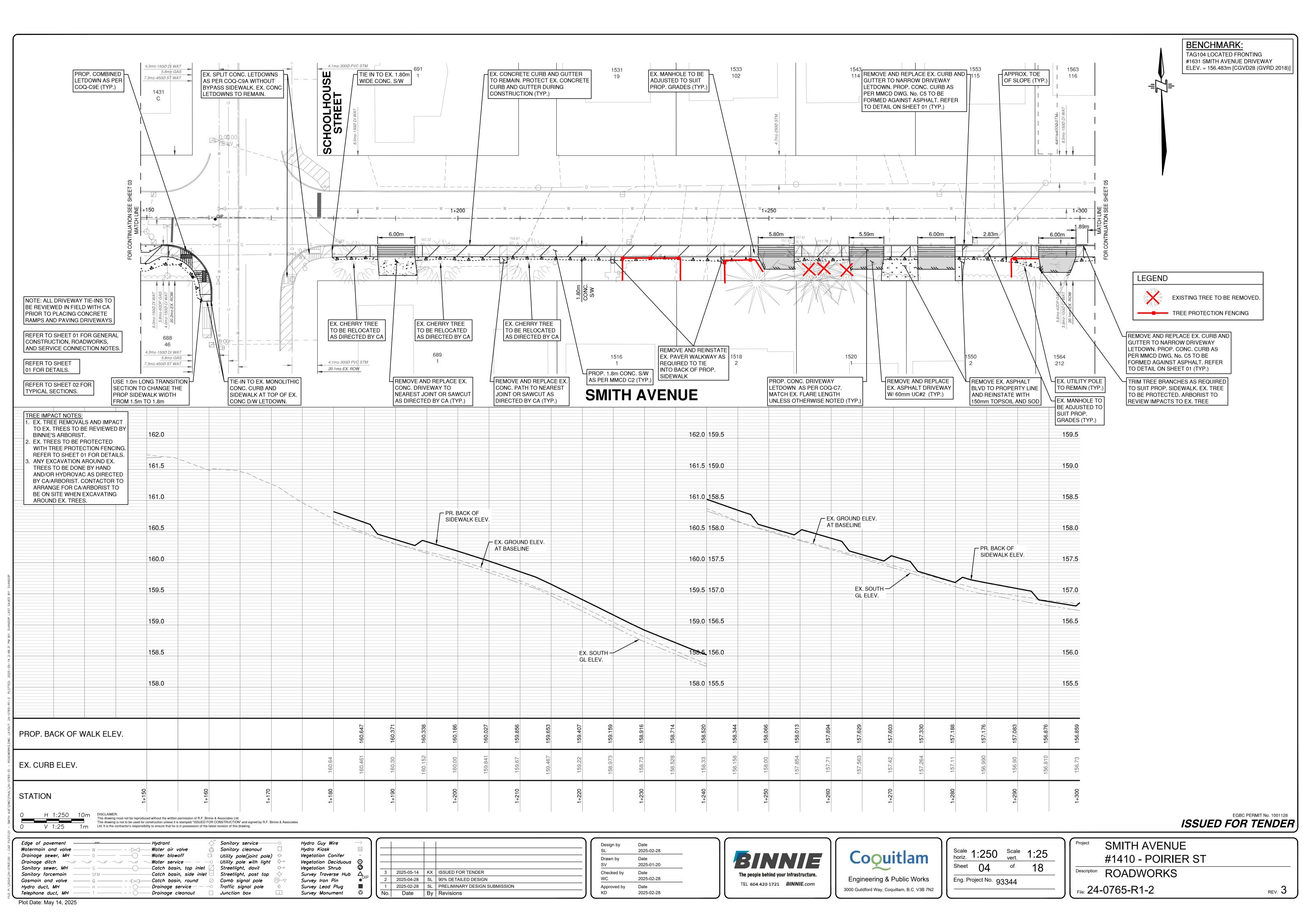
Sanitary sewer, MH

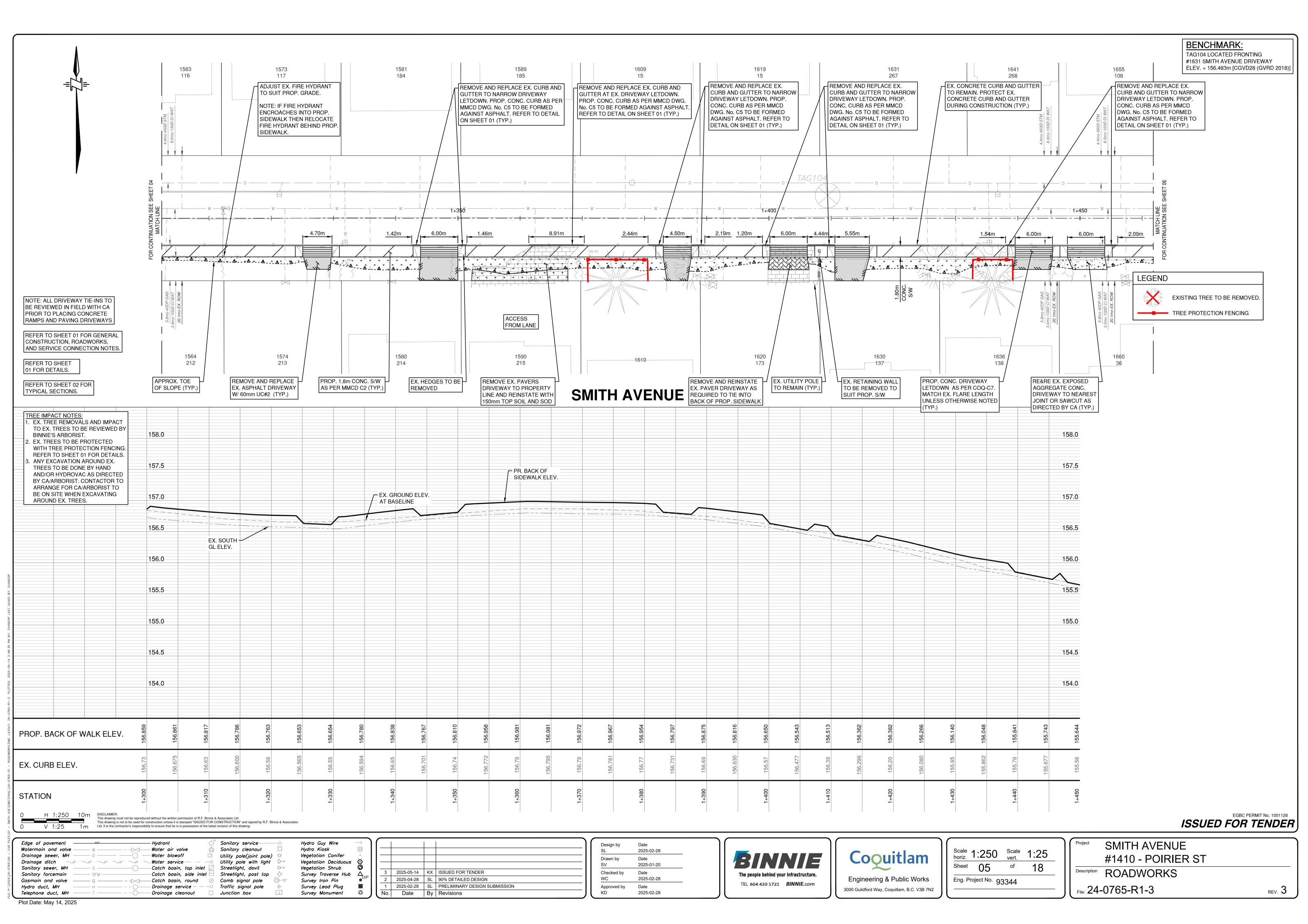
SMITH AVE TYPICAL SECTION SCHOOLHOUSE ST. TO POIRIER ST. SCALE: N.T.S. 100mm THICK - CONCRETE SIDEWALK AS PER MMCD STD. DWG. NO. C1 2 100mm THICK - CONCRETE SIDEWALK AS PER MMCD STD. DWG. NO. C2 3 100mm THICK - 25mm MINUS GRANULAR BASE COMPACTED TO 95% MODIFIED PROCTOR DENSITY 4 150mm THICK TOPSOIL & SOD 5 EX. HYDRO POLE 6 EX. CONCRETE CURB TO REMAIN 7 EXISTING GROUND

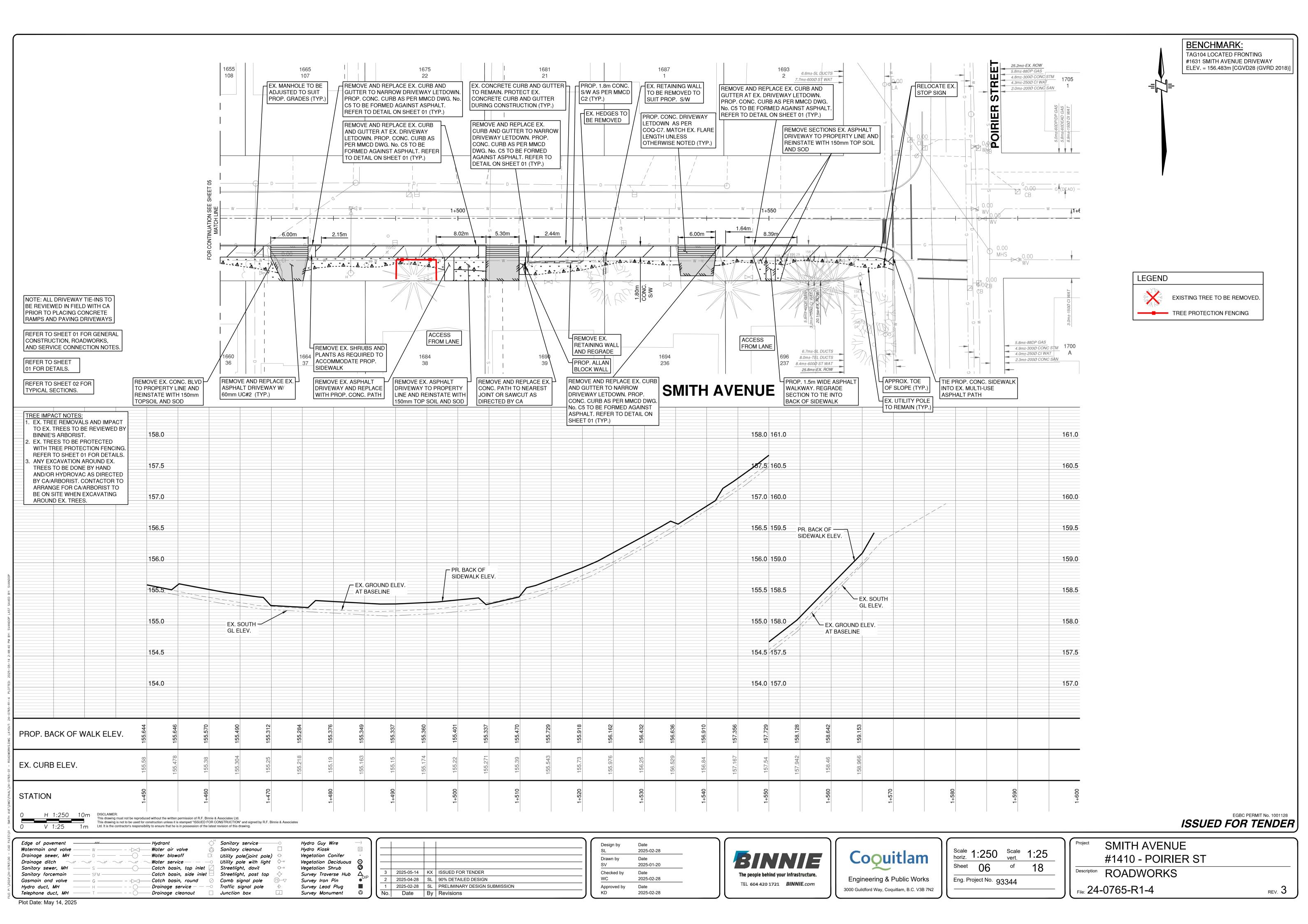
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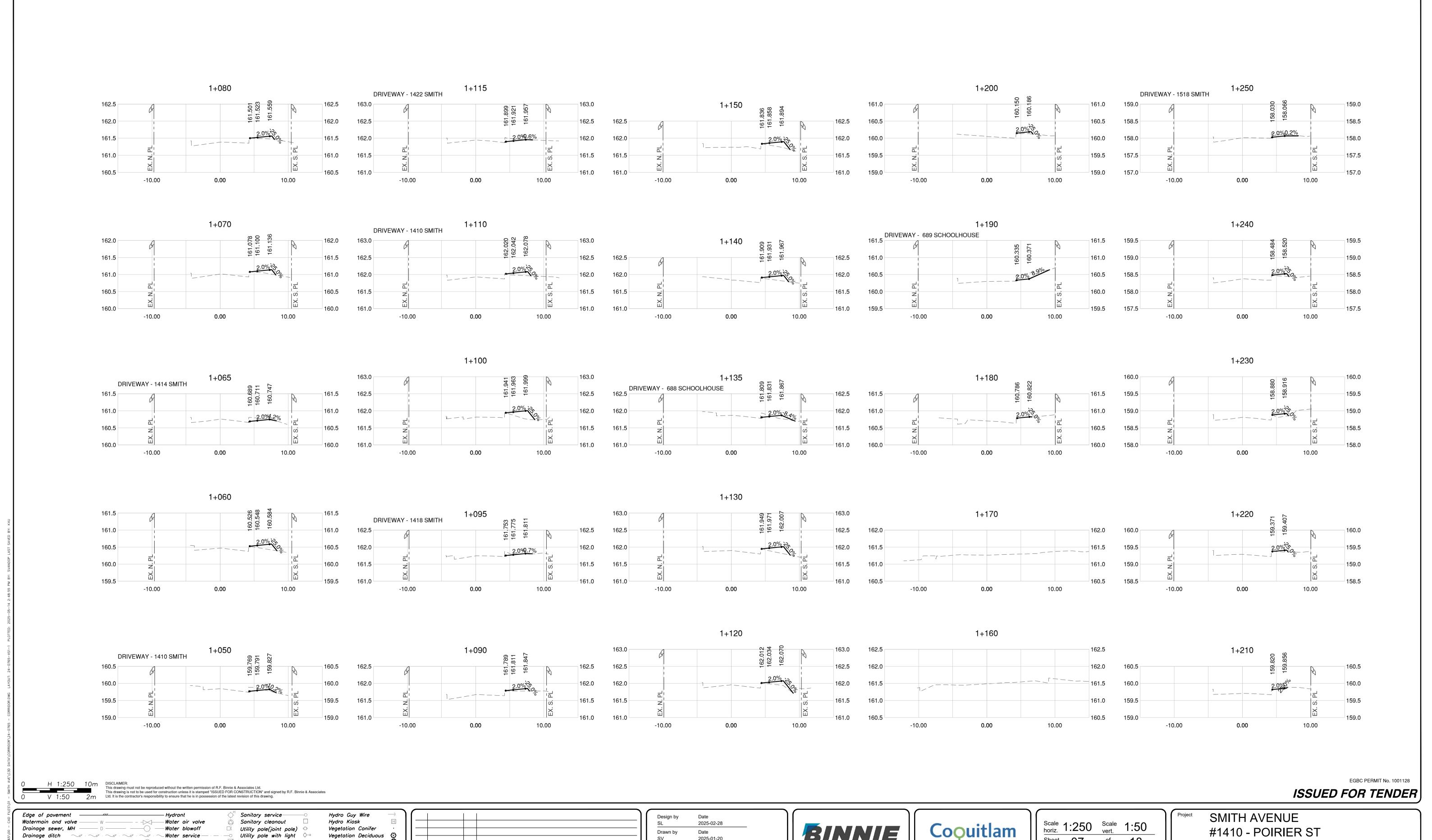
S. PL.











Drawn by

Checked by

Approved by

2025-01-20

2025-02-28

2025-02-28

The people behind your infrastructure.

TEL 604 420 1721 BINNIE.com

Date

Date

Sheet 07

Engineering & Public Works

3000 Guildford Way, Coquitlam, B.C. V3B 7N2

Eng. Project No. 93344

of

Description CROSS SECTIONS

REV. 3

File: 24-0765-XS1-1

Vegetation Deciduous

Survey Traverse Hub Δ

3 | 2025-05-14 | KX | ISSUED FOR TENDER

No. Date By Revisions

2025-04-28 SL 90% DETAILED DESIGN

2025-02-28 SL PRELIMINARY DESIGN SUBMISSION

Vegetation Shrub

Survey Iron Pin Survey Lead Plug

Survey Monument

Comb signal pole

Traffic signal pole

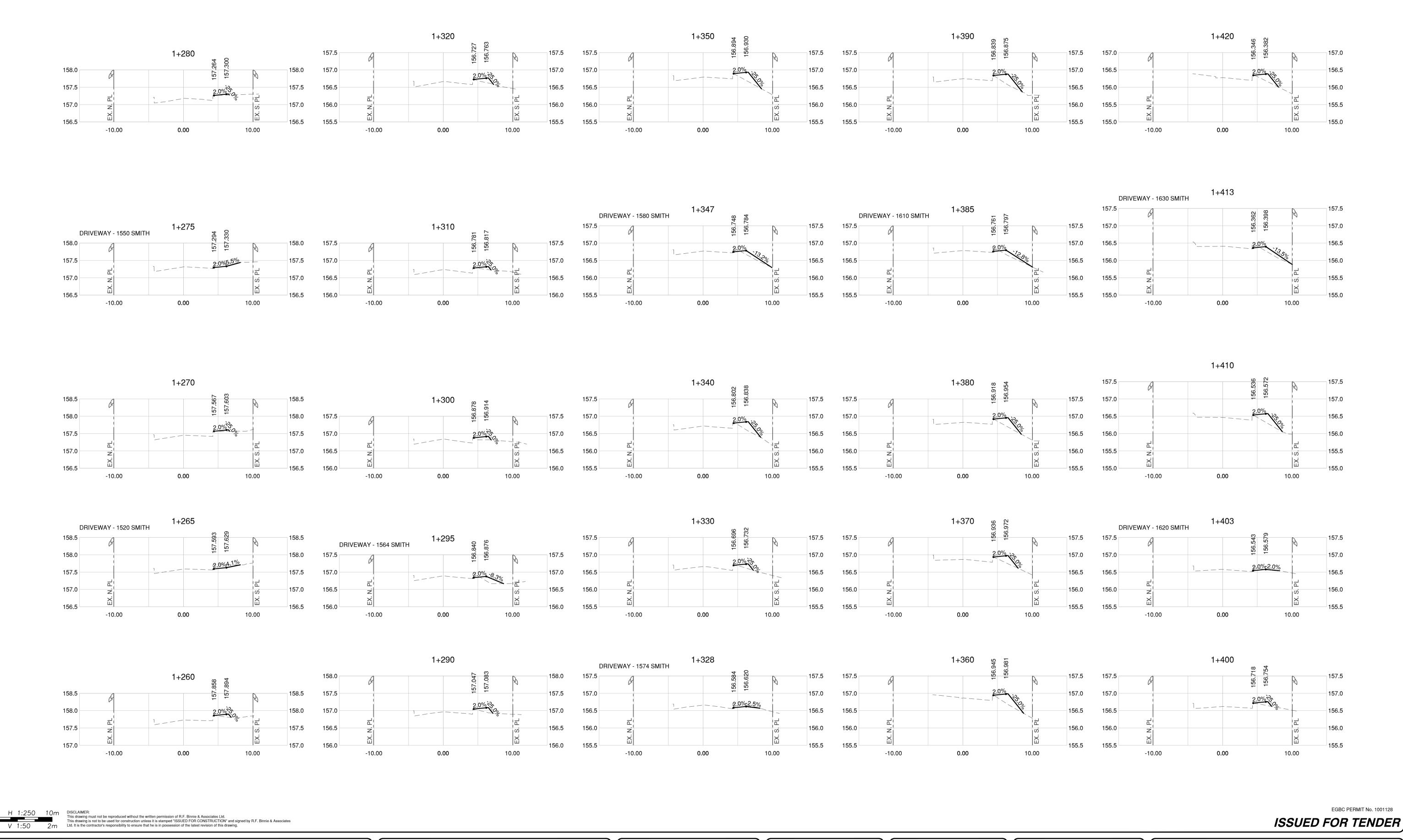
Junction box

- Drainage cleanout

Plot Date: May 14, 2025

Gasmain and valve

Telephone duct, MH



Design by

Drawn by

Checked by

Approved by

2025-02-28

2025-01-20

2025-02-28

2025-02-28

Date

Date

Telephone duct, MH Plot Date: May 14, 2025

Sanitary forcemain

Gasmain and valve

Sanitary service-

Streetlight, davit

Comb signal pole

Traffic signal pole

Junction box

Catch basin, top inlet

- Drainage cleanout

Sanitary cleanout

Utility pole(joint pole)

Utility pole with light

Hydro Guy Wire

Vegetation Conifer

Vegetation Shrub

Survey Iron Pin

Survey Lead Plug

Survey Monument

Vegetation Deciduous 😲
Vegetation Shrub

Survey Traverse Hub Δ

3 | 2025-05-14 | KX | ISSUED FOR TENDER

No. Date By Revisions

2025-04-28 SL 90% DETAILED DESIGN

2025-02-28 SL PRELIMINARY DESIGN SUBMISSION

Hydro Kiosk

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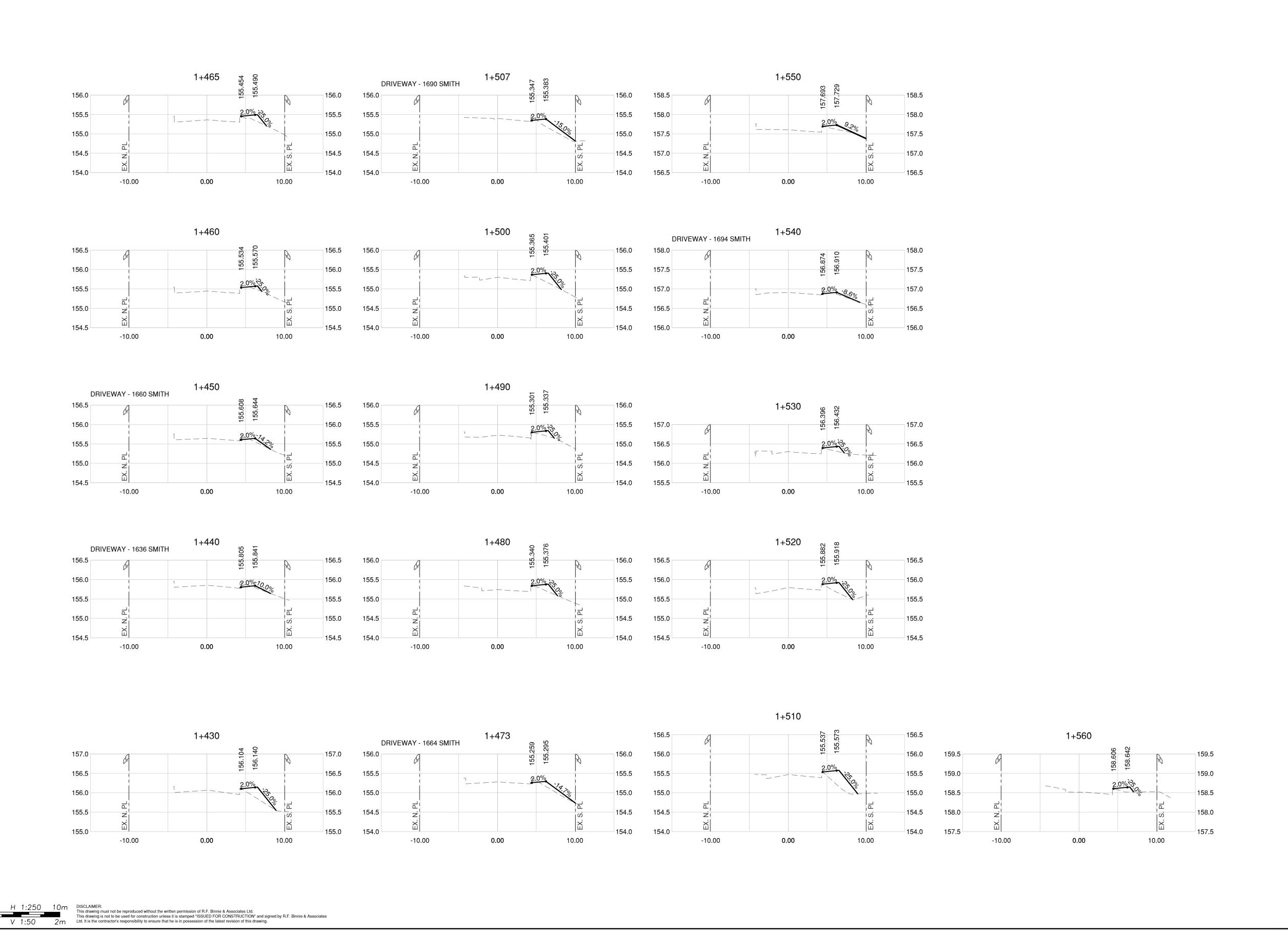
Coouitlam

Scale horiz. 1:250 Scale vert. 1:50 Sheet of Eng. Project No. 93344

SMITH AVENUE #1410 - POIRIER ST

Description CROSS SECTIONS

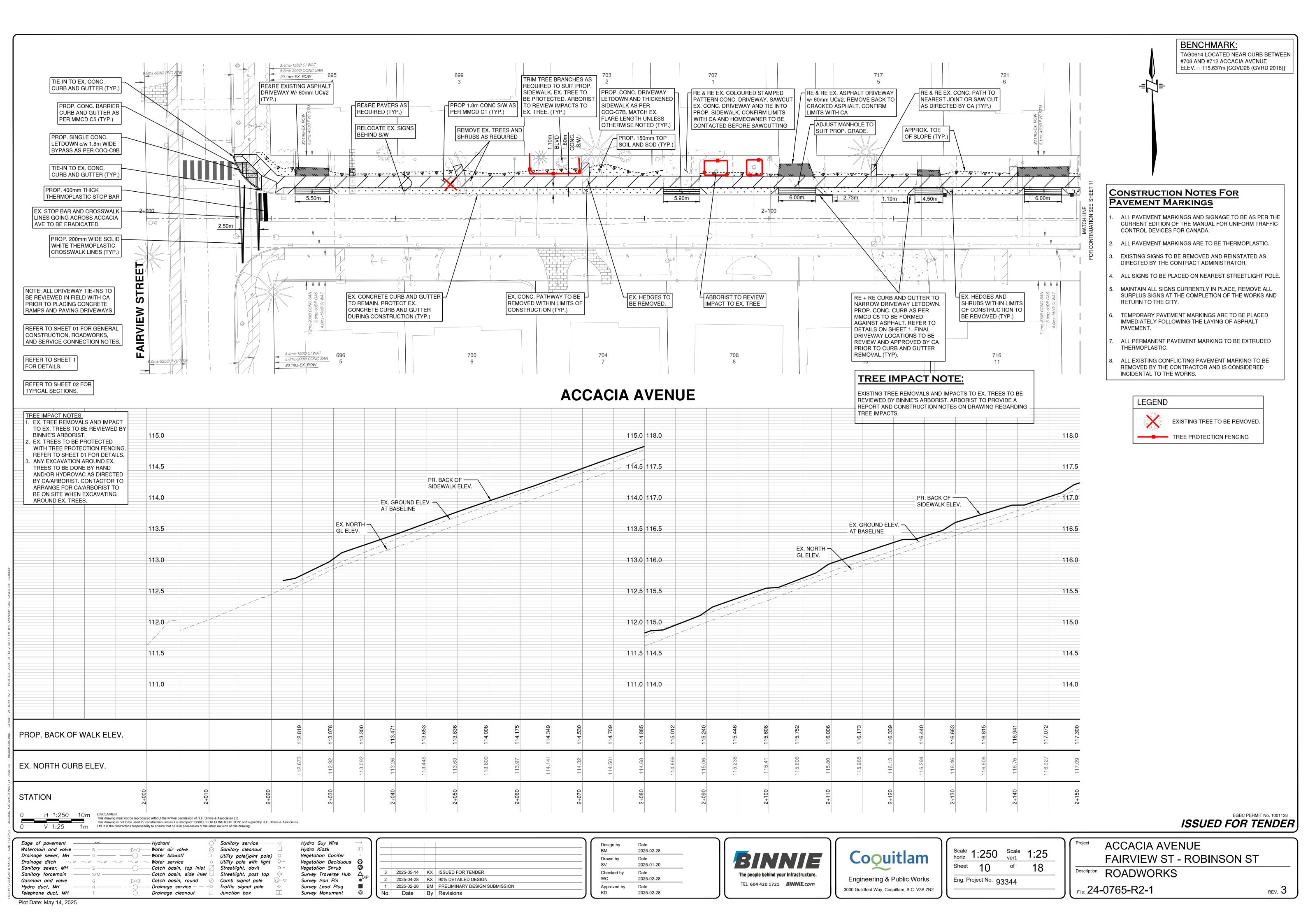
File: 24-0765-XS1-2 REV. 3

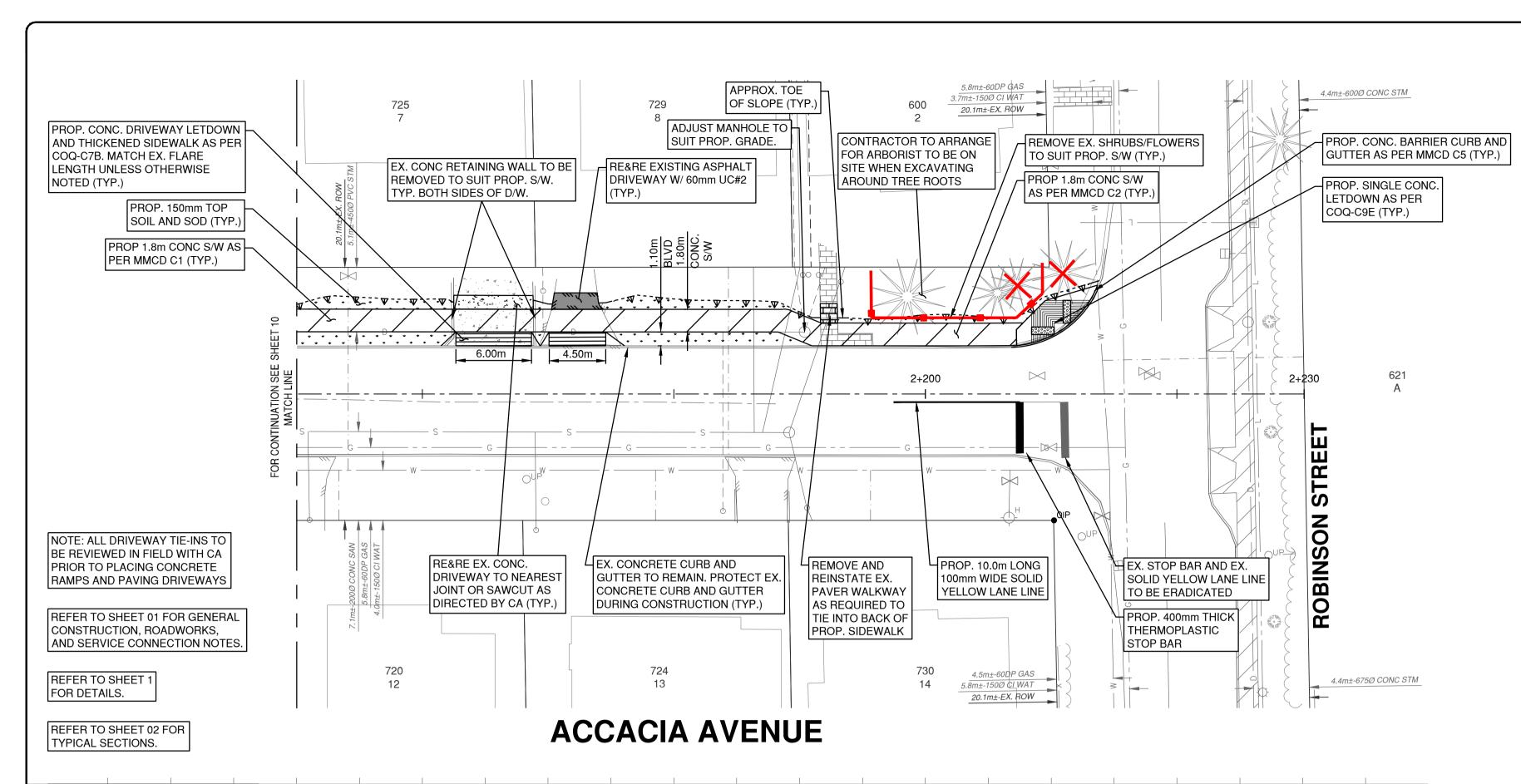


EGBC PERMIT No. 1001128

ISSUED FOR TENDER

SMITH AVENUE Edge of pavement Hydro Guy Wire Sanitary service-Design by Hydro Kiosk Sanitary cleanout Scale horiz. 1:250 Scale vert. 1:50 2025-02-28 Coouitlam #1410 - POIRIER ST Utility pole(joint pole) Vegetation Conifer Drawn by Vegetation Deciduous ①
Vegetation Shrub Sheet 2025-01-20 of Vegetation Shrub Description CROSS SECTIONS 3 | 2025-05-14 | KX | ISSUED FOR TENDER Checked by Date Survey Traverse Hub Δ_{\Box} Sanitary forcemain The people behind your infrastructure. Eng. Project No. 93344 Engineering & Public Works 2025-04-28 SL 90% DETAILED DESIGN 2025-02-28 Gasmain and valve Comb signal pole Survey Iron Pin TEL 604 420 1721 BINNIE.com Survey Lead Plug 1 2025-02-28 SL PRELIMINARY DESIGN SUBMISSION Traffic signal pole Hydro duct, MH Approved by Date File: 24-0765-XS1-3 rev. 33000 Guildford Way, Coquitlam, B.C. V3B 7N2 No. Date By Revisions 2025-02-28 Telephone duct, MH - Drainage cleanout Junction box Survey Monument Plot Date: May 14, 2025





TREE IMPACT NOTES: . EX. TREE REMOVALS AND IMPACT TO EX. TREES TO BE REVIEWED BY 120.5 BINNIE'S ARBORIST. 120.5 . EX. TREES TO BE PROTECTED WITH TREE PROTECTION FENCING REFER TO SHEET 01 FOR DETAILS. . ANY EXCAVATION AROUND EX. 120.0 120.0 TREES TO BE DONE BY HAND AND/OR HYDROVAC AS DIRECTED BY CA/ARBORIST, CONTACTOR TO ARRANGE FOR CA/ARBORIST TO BE ON SITE WHEN EXCAVATING 119.5 119.5 AROUND EX. TREES. PR. BACK OF —— SIDEWALK ELEV. 119.0 119.0 EX. GROUND ELEV. = AT BASELINE EX. NORTH -118.5 118.5 GL ELEV. 118.0 118.0 117.5 117.5 117.0 117.0 116.5 116.5 PROP. BACK OF WALK ELEV. EX. NORTH CURB ELEV.

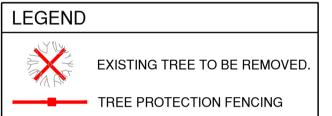
CONSTRUCTION NOTES FOR

PAVEMENT MARKINGS

- ALL PAVEMENT MARKINGS AND SIGNAGE TO BE AS PER THE CURRENT EDITION OF THE MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES FOR CANADA.
- ALL PAVEMENT MARKINGS ARE TO BE THERMOPLASTIC.
- EXISTING SIGNS TO BE REMOVED AND REINSTATED AS DIRECTED BY THE CONTRACT ADMINISTRATOR.
- ALL SIGNS TO BE PLACED ON NEAREST STREETLIGHT POLE.
- MAINTAIN ALL SIGNS CURRENTLY IN PLACE, REMOVE ALL SURPLUS SIGNS AT THE COMPLETION OF THE WORKS AND RETURN TO THE CITY.
- TEMPORARY PAVEMENT MARKINGS ARE TO BE PLACED IMMEDIATELY FOLLOWING THE LAYING OF ASPHALT PAVEMENT.
- ALL PERMANENT PAVEMENT MARKING TO BE EXTRUDED THERMOPLASTIC.
- ALL EXISTING CONFLICTING PAVEMENT MARKING TO BE REMOVED BY THE CONTRACTOR AND IS CONSIDERED INCIDENTAL TO THE WORKS.

BENCHMARK:

TAG0614 LOCATED NEAR CURB BETWEEN #708 AND #712 ACCACIA AVENUE ELEV. = 115.637m [CGVD28 (GVRD 2018)]



EGBC PERMIT No. 1001128 **ISSUED FOR TENDER**

| Edge of pavement — | /// | — Hydrant -⊖ [⊢] | Sanitary service——— | Hydro Guy Wire | \rightarrow | | | 1 1 | 1 |
|-----------------------|---------------|----------------------------------|----------------------------|----------------------|------------------------|-----|------------|-----|-------------------------------|
| Watermain and valve — | | — Water air valve | Sanitary cleanout | Hydro Kiosk | H | | | | |
| Drainage sewer, MH — | D | — Water blowoff □ | Utility pole(joint pole) ♡ | Vegetation Conifer | | l — | | | |
| Drainage ditch | | ∼ Water service — · — · — | Utility pole with light ♡- | Vegetation Deciduous | © | l — | | | |
| Sanitary sewer, MH — | s | — Catch basin, top inlet $igsep$ | Streetlight, davit | Vegetation Shrub | @ | | | | |
| Sanitary forcemain — | SFM | — Catch basin, side inlet \Box | Streetlight, post top | Survey Traverse Hub | $\Delta_{\text{o.p.}}$ | _ 3 | 2025-05-14 | KX | ISSUED FOR TENDER |
| Gasmain and valve — | G | — Catch basin, round ⊘ | Comb signal pole ③─▽ | Survey Iron Pin | OIP | _ 2 | 2025-04-28 | KX | 90% DETAILED DESIGN |
| Hydro duct, MH — | — н — — – – О | — Drainage service $$ | Traffic signal pole ♦ | Survey Lead Plug | | 1 | 2025-02-28 | ВМ | PRELIMINARY DESIGN SUBMISSION |
| Telephone duct MH - | T O | — Drainage cleanout | lunction hav | Survey Monument | \wedge | No | Data | D./ | Povisions |

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| Design by | Date |
|-------------|------------|
| BM | 2025-02-28 |
| Drawn by | Date |
| SV | 2025-01-20 |
| Checked by | Date |
| WC | 2025-02-28 |
| Approved by | Date |
| KD | 2025-02-28 |

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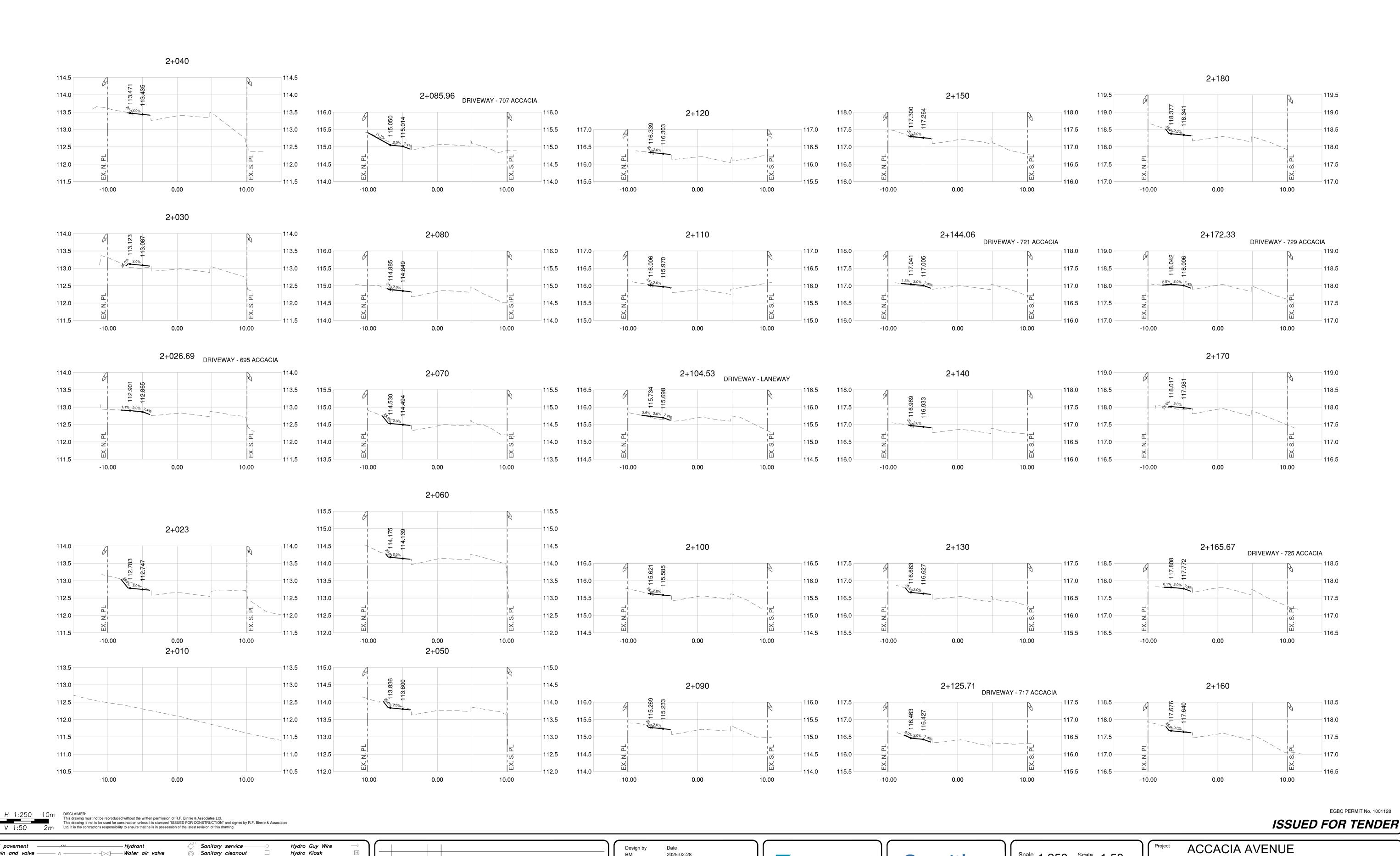
Scale horiz. 1:250 Scale vert. 1:25 Eng. Project No. 93344

ACCACIA AVENUE FAIRVIEW ST - ROBINSON ST

Description ROADWORKS File: 24-0765-R2-2

V 1:25

STATION



2025-02-28

2025-01-20

2025-02-28

2025-02-28

Date

Date

Checked by

Approved by

Telephone duct, MH Plot Date: May 14, 2025

Gasmain and valve

Vegetation Conifer

Vegetation Shrub

Survey Iron Pin

Survey Lead Plug

Survey Monument

Vegetation Deciduous

Survey Traverse Hub

3 | 2025-05-14 | KX | ISSUED FOR TENDER

No. Date By Revisions

2025-04-28 KX 90% DETAILED DESIGN

2025-02-28 BM PRELIMINARY DESIGN SUBMISSION

Utility pole(joint pole)

Comb signal pole

Traffic signal pole

Junction box

Drainage cleanout

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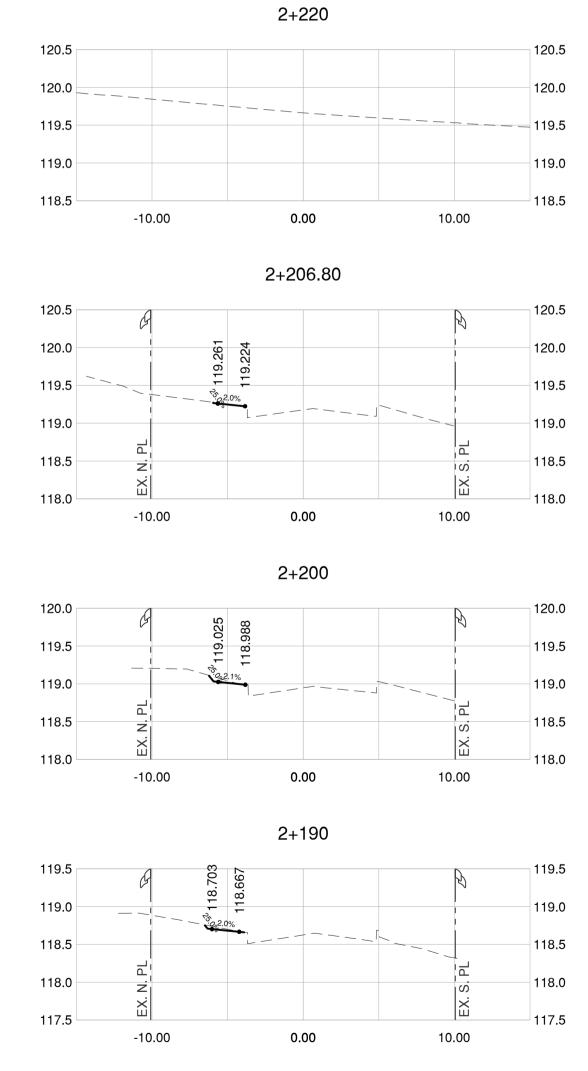
Scale horiz. 1:250 Scale vert. 1:50 12 Sheet of Eng. Project No. 93344

ACCACIA AVENUE FAIRVIEW ST - ROBINSON ST

Description CROSS SECTIONS

File: 24-0765-XS2-1

REV. 3



H 1:250 10m

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Sanitary cleanout

Traffic signal pole

Hydro Guy Wire Hydro Kiosk

Vegetation Conifer

Survey Iron Pin Survey Lead Plug Survey Monument

Vegetation Deciduous Vegetation Shrub

Survey Traverse Hub

EGBC PERMIT No. 1001128

ISSUED FOR TENDER

| - 1 | | | | |
|-----|-----|------------|----|-------------------------------|
| | | | | |
| Т | | | | |
| Т | | | | |
| ı | 3 | 2025-05-14 | KX | ISSUED FOR TENDER |
| | 2 | 2025-04-28 | KX | 90% DETAILED DESIGN |
| 1 | 1 | 2025-02-28 | BM | PRELIMINARY DESIGN SUBMISSION |
| J | No. | Date | Ву | Revisions |

Design by BM 2025-02-28 Drawn by 2025-01-20 Checked by Date 2025-02-28 TEL 604 420 1721 BINNIE.com Approved by Date KD 2025-02-28

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| Scale horiz. | 1:250 | Scale vert. | 1:50 | |
|--------------|------------|----------------|------|---|
| Sheet | 13 | of | 18 | |
| Eng. Pro | ject No. 9 | 3344 | | - |

ACCACIA AVENUE FAIRVIEW ST - ROBINSON ST

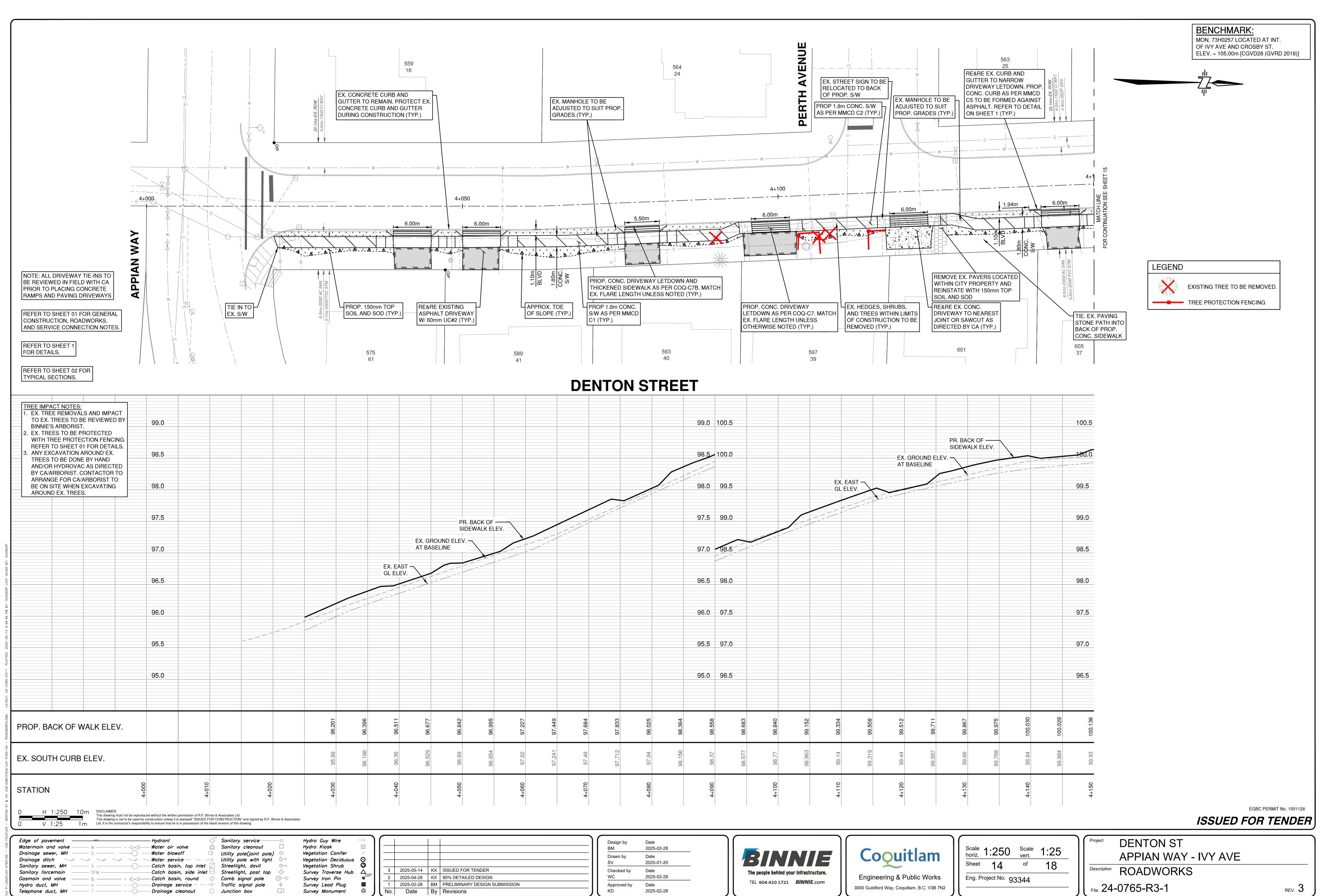
Description CROSS SECTIONS

File: 24-0765-XS2-2

Hydro duct, MH Telephone duct, MH Plot Date: May 14, 2025

Gasmain and valve

rev. 3



Plot Date: May 14, 2025

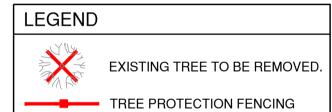


BENCHMARK:

MON. 73H0257 LOCATED AT INT. OF IVY AVE AND CROSBY ST. ELEV. = 105.00m [CGVD28 (GVRD 2018)]

CONSTRUCTION NOTES FOR PAVEMENT MARKINGS

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- MAINTAIN ALL SIGNS CURRENTLY IN PLACE, REMOVE ALL SURPLUS SIGNS AT THE COMPLETION OF THE WORKS AND RETURN TO THE
- TEMPORARY PAVEMENT MARKINGS ARE TO BE PLACED IMMEDIATELY FOLLOWING THE LAYING OF ASPHALT PAVEMENT.
- ALL PERMANENT PAVEMENT MARKING TO BE EXTRUDED THERMOPLASTIC.
- . ALL EXISTING CONFLICTING PAVEMENT MARKING TO BE REMOVED BY THE CONTRACTOR AND IS CONSIDERED INCIDENTAL TO THE WORKS.

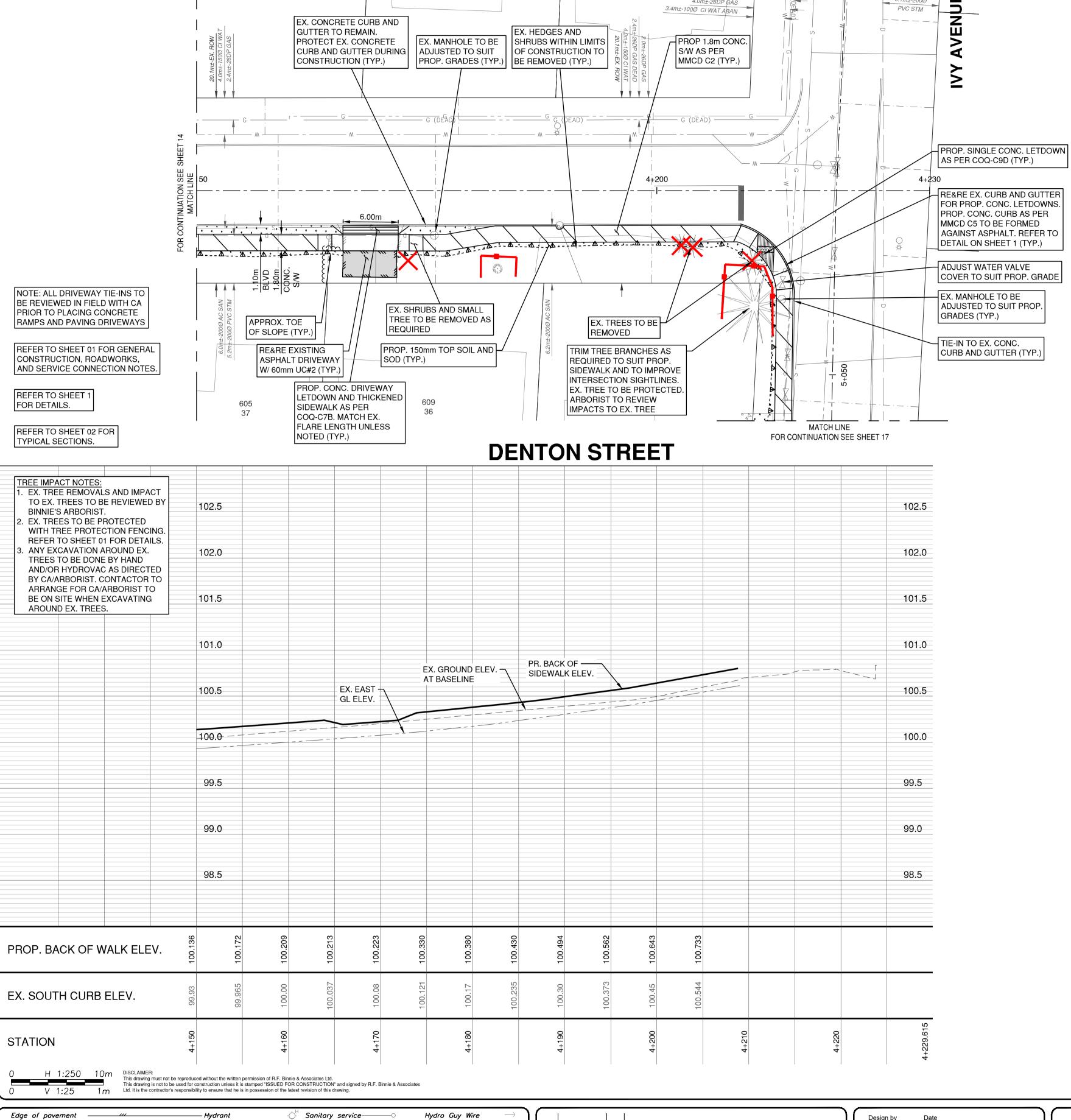


EGBC PERMIT No. 1001128

ISSUED FOR TENDER DENTON ST

APPIAN WAY - IVY AVE Description ROADWORKS

File: 24-0765-R3-2



610

EX. HEDGES AND

606

26

EX. CONCRETE CURB AND GUTTER TO REMAIN.

> 3 2025-05-14 KX ISSUED FOR TENDER Survey Traverse Hub Survey Iron Pin 2025-04-28 KX 90% DETAILED DESIGN 1 2025-02-28 BM PRELIMINARY DESIGN SUBMISSION

No. Date By Revisions

20.1m±-EX. ROW

6.1m±-200Ø

PVC STM

6.4m±-200Ø AC SAN 4.3m±-60DP GAS DEAD

3.4m±-100Ø CI WAT ABAN

4.0m±-26DP GAS

614

Design by 2025-02-28 Drawn by 2025-01-20 Date Checked by 2025-02-28 Approved by 2025-02-28

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Sheet 15 of Eng. Project No. 93344

Scale horiz. 1:250 Scale vert. 1:25

Watermain and valve — W — Vater air valve

Sanitary forcemain ——— SFM ————

Gasmain and valve ——— G ———— – →——— Catch basin, round ⊘ Comb signal pole 🕏 →▽

Sanitary cleanout

Streetlight, davit

☐ Junction box

-Catch basin, side inlet oxtimes Streetlight, post top

Utility pole(joint pole)

Utility pole with light

Hydro Kiosk

Vegetation Conifer

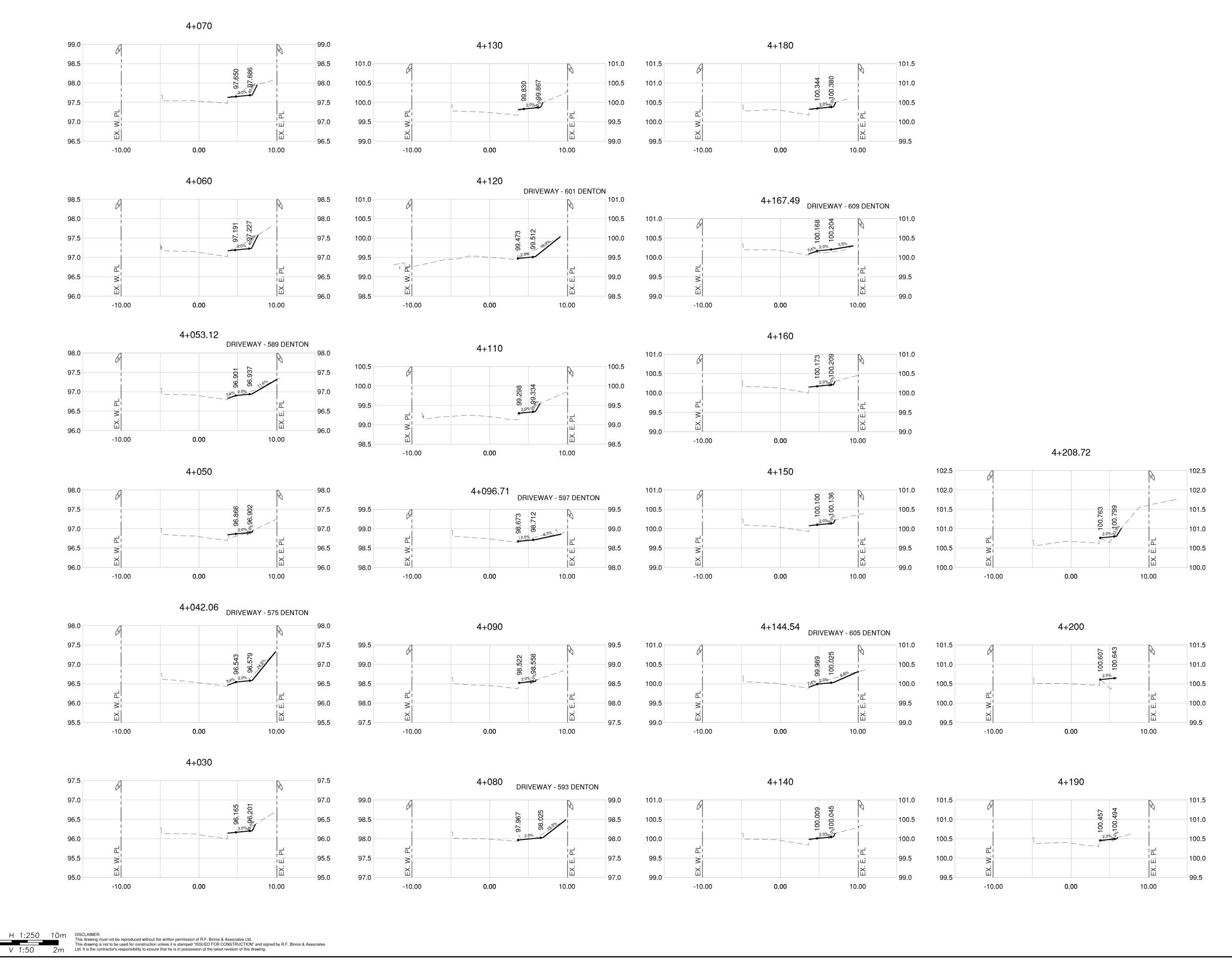
Vegetation Shrub

Survey Iron Pin

Survey Lead Plug

Survey Monument

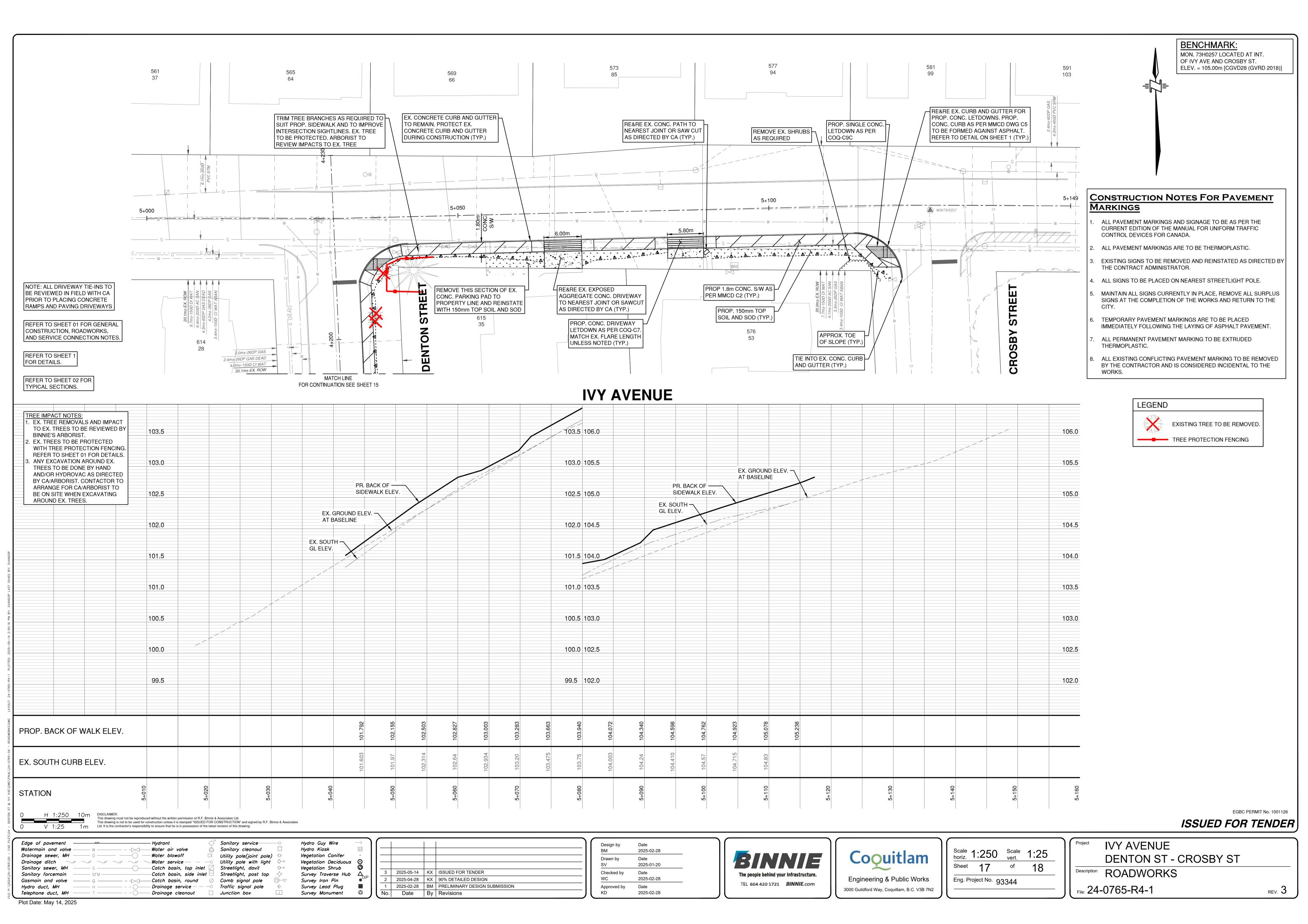
Vegetation Deciduous (3)
Vegetation Shrub

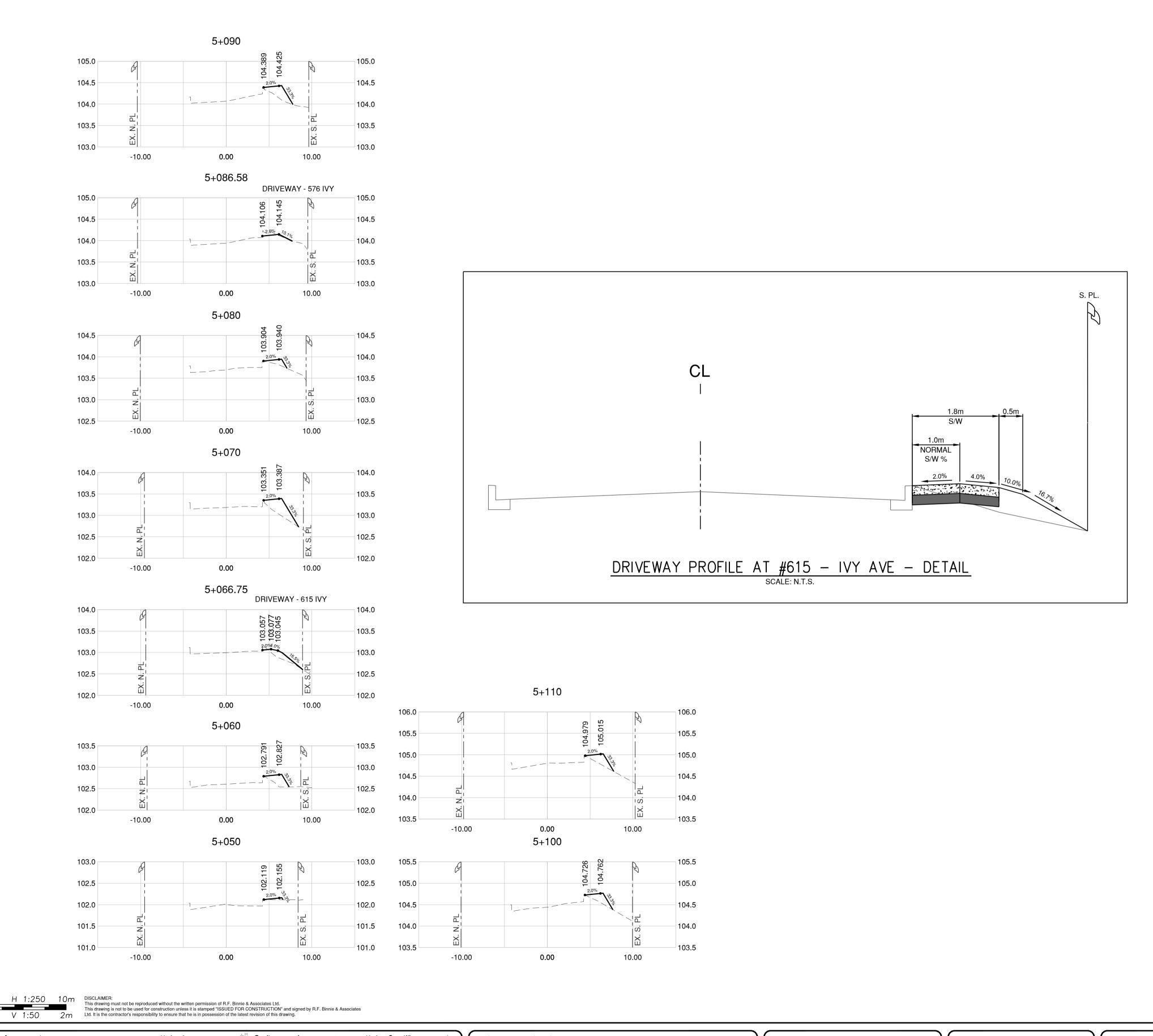


EGBC PERMIT No. 1001128

JED FOR TENDER

ISSUED FOR TENDER





EGBC PERMIT No. 1001128

ISSUED FOR TENDER

Hydro Guy Wire Hydro Kiosk Sanitary cleanout Utility pole(joint pole) Vegetation Conifer Vegetation Deciduous ①
Vegetation Shrub Vegetation Shrub 3 | 2025-05-14 | KX | ISSUED FOR TENDER Survey Traverse Hub Δ_{\cap} 2025-04-28 KX 90% DETAILED DESIGN Survey Iron Pin Survey Lead Plug Survey Monument Gasmain and valve 2025-02-28 BM PRELIMINARY DESIGN SUBMISSION – Drainage service – – Drainage cleanout Traffic signal pole Telephone duct, MH No. Date By Revisions

Plot Date: May 14, 2025

| Design by BM | Date 2025-02-28 | |
|-------------------|--------------------|----------------------------------------|
| Drawn by SV | Date 2025-01-20 | BINNIE |
| Checked by WC | Date 2025-02-28 | The people behind your infrastructure. |
| Approved by KD | Date 2025-02-28 | TEL 604 420 1721 BINNIE.com |

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| Scale horiz. 1:250 | Scale vert. | 1:50 | | | |
|------------------------|----------------|------|--|--|--|
| Sheet 18 | of | 18 | | | |
| Eng. Project No. 93344 | | | | | |

Project IVY AVENUE
DENTON ST - CROSBY ST
Description CROSS SECTIONS

File: 24-0765-XS4

REV. 3