



# 2026 ROAD SAFETY IMPROVEMENTS ISSUED FOR TENDER

## PROJECT #34492



| DRAWING SCHEDULE |  |          |
|------------------|--|----------|
| DWG NO.          | SHEET TITLE                            | REV. NO. |
| 0                | COVER                                  | 0        |
| 1                | NOTES                                  | 0        |
| 2                | TYPICAL SECTIONS                       | 0        |
| 3                | DETAILS                                | 0        |
| 4                | CIVIL - PARKWAY BLVD AT JOHNSON ST     | 0        |
| 5                | CIVIL - DAVID AVE AT JOHNSON ST        | 0        |
| 6                | PAVEMENT MARKINGS AND SIGNAGE - LEGEND | 0        |
| 7                | PM & S - PARKWAY BLVD AT JOHNSON ST    | 0        |
| 8                | PM & S - DAVID AVE AT JOHNSON ST       | 0        |
| 9                | DAVID AVE & JOHNSON ST - GRADING PLAN  | 0        |
| 10               | DAVID AVE & JOHNSON ST - CURB RETURNS  | 0        |



**LOCATION PLAN**

SCALE 1:5000



**Permit to Practice**  
ISL Engineering and Land Services Ltd.  
RR Signature: *[Signature]*  
RR EGGC ID: 11833  
Date: 2026-04-09  
**Permit Number 1000419**  
Engineers & Geoscientists British Columbia



**GENERAL NOTES:**

- ALL COORDINATES ARE SHOWN IN GROUND SCALE. SCALED FROM 0.0, 1.000411469 (TO GROUND), 0.999588700 (TO GRID).  
Control Points 100-111, 470641, 823744.  
V. DATUM: CVD28GVRD2018 Hz DATUM: NAD83(CSRS) 4.0.0.BC.1.MVRD
- ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE PLATINUM EDITION (2009) OF THE MASTER MUNICIPAL CONSTRUCTION DOCUMENTS (MMCD) AND MMCD SUPPLEMENTARY UPDATES TO DATE AND CITY OF COQUITLAM SUPPLEMENTARY SPECIFICATIONS AND DETAIL DRAWINGS UNLESS OTHERWISE NOTED.
- RESIDENTS DIRECTLY AFFECTED BY CONSTRUCTION SHALL BE GIVEN AT LEAST 5 DAYS NOTICE PRIOR TO THE START OF CONSTRUCTION. IF CONSTRUCTION ENTERS ONTO PRIVATE PROPERTY, THE CONTRACTOR WILL REQUIRE WRITTEN AUTHORIZATION FROM THE PROPERTY OWNER PRIOR TO UNDERTAKING ANY WORK.
- 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 CONTRACTORS RESPONSIBILITY.
- THE CONTRACTOR IS TO NOTIFY THE CITY OF COQUITLAM 48 HOURS IN ADVANCE OF ANY CONSTRUCTION OR UTILITY RELOCATION/CONFLICTS.
- REPORT ANY DISCREPANCIES TO THE CONTRACT ADMINISTRATOR 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 CONTRACT ADMINISTRATOR A MINIMUM OF 72 HOURS PRIOR, AND OBTAIN APPROVAL FOR THE DISRUPTION.
- 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 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 CONTRACT ADMINISTRATOR AT SUBSTANTIAL PERFORMANCE FOR PREPARATION OF FINAL RECORD DRAWINGS. THE CONTRACT ADMINISTRATOR SHALL BE PROVIDED ACCESS TO REVIEW THE AS-CONSTRUCTED DRAWINGS AT ALL TIMES TO CONFIRM THEY ARE UP TO DATE.
- THE CONTRACTOR SHALL MAINTAIN AND MONITOR THE PROVISIONS FOR EROSION CONTROL AND SEDIMENT AS PER THE CITY BYLAW 4403, 2013 AND AS PER THE CONTRACT DOCUMENTS.

**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. THE CONTRACTOR SHALL COMPLY WITH ALL TRAFFIC REQUIREMENTS AS SPECIFIED WITHIN THE CONTRACT DOCUMENTS. NO ROAD SHALL BE CLOSED WITHOUT THE WRITTEN CONSENT OF THE DIRECTOR OF ENGINEERING AND OPERATIONS.
- 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 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.
- 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.
- ALL TRAFFIC CONTROL TO CONFORM TO THE LATEST EDITION OF THE BC TRAFFIC CONTROL MANUAL FOR WORK ON ROADWAYS.
- 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 TAPED 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 HIMSELF WITH THE TRAFFIC MANAGEMENT DETAILED SPECIFICATIONS IN THE CONTRACT DOCUMENTS.

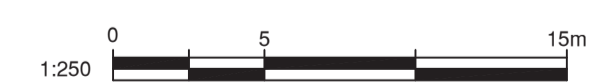
**STORM AND SANITARY SEWER NOTES:**

- NO CHANGES TO BE MADE TO PIPES, MANHOLES, OR ALIGNMENT WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE CONTRACT ADMINISTRATOR.
  - THE CONTRACTOR IS TO EXPOSE EXISTING WATERMANS, STORM AND SANITARY SEWERS AT TIE-IN LOCATION AND ALL EXISTING UTILITIES BETWEEN. UTILITY DEPTHS AND LOCATIONS ARE TO BE RECORDED AND FORWARDED TO THE CONTRACT ADMINISTRATOR FOR REVIEW.
  - PARALLEL LINES: WATERMANS SHOULD BE LAID AT LEAST 3m HORIZONTALLY FROM ANY SANITARY OR STORM SEWER. WHERE THIS HORIZONTAL SEPARATION IS NOT POSSIBLE, THE BOTTOM OF THE WATERMAIN SHOULD BE AT LEAST 45cm ABOVE THE TOP OF THE SEWER AND SUFFICIENTLY TO ONE SIDE OF THE SEWER TO ALL FOR SEWER REPAIRS WITHOUT DISTURBING THE WATERMAIN. IF THIS VERTICAL SEPARATION IS NOT POSSIBLE, THE SEWER SHOULD BE OF THE SAME SERVICE CAPABILITY AS THE WATERMAIN, WITH PRESSURE CLASS JOINTS DESIGNED TO REMAIN WATERTIGHT IF THE GROUNDWATER TABLE PERIODICALLY RISES ABOVE THE SEWER, AND ARE PRESSURE TESTED BEFORE BACKFILLING. OTHER PRECAUTIONS, SUCH AS A WATERMAIN WITH IMPROVED JOINTS AND HIGHER STRENGTH MAY BE NEEDED.
  - CROSSINGS: WHERE A WATERMAIN CROSSES A SANITARY OR STORM SEWER, THE LINES SHOULD BE LAID WITH THE WATERMAIN CROSSING OVER THE SEWER AND WITH THE MIDDLE OF PIPE LENGTHS LOCATED AT THE CROSSING POINT, TO MAXIMIZE THE SEPARATION BETWEEN JOINTS. WHERE A MINIMUM 3m JOINT SEPARATION AND/OR A MINIMUM 45cm CLEAR VERTICAL SEPARATION IS NOT POSSIBLE AT THE CROSSING, PRECAUTIONS TO IMPROVE WATER TIGHTNESS OF THE SEWER JOINTS AND STRUCTURAL IMPROVEMENTS SUCH AS HIGHER STRENGTH WATERMAIN AND/OR SEWER AT THE CROSSING AREA MAY BE NEEDED. SLEEVING, PIPE BRIDGING OR OTHER SUITABLE MEASURES MAY BE CONSIDERED. ALL JOINTS WITHIN 3m OF THE CROSSING SHOULD BE:
    - WRAPPED WITH HEAT SHRINK PLASTIC OR
    - PACKED WITH INERT PETROLATUM COMPOUND AND WRAPPED IN TAPE IN ACCORDANCE WITH ANSI/AWWA STANDARDS C209 AND C217-90.
- FOR SERVICE CONNECTIONS, WHEREVER POSSIBLE, THE ABOVE CONSTRUCTION PRACTICES SHOULD ALSO BE APPLIED.
- FIGURED DIMENSION SHALL GOVERN OVER SCALED DIMENSIONS.
  - REFER TO COQ STD. DWG. COQ-G4 FOR UTILITY TRENCH DETAIL.
  - STORM SEWER MATERIALS ARE TO CONFORM TO THE MMCD SPECIFICATIONS.
  - ALL PIPE SIZES INDICATED REFER TO MINIMUM INSIDE DIAMETER DIMENSIONS.
  - ALL CATCH BASINS SHALL BE AS PER COQ STD. DWG. COQ-S11A.
  - PROPOSED COMBINATION SINGLE CATCH BASIN AND SINGLE LAWN DRAIN LEADS ARE TO BE 150mm DIAMETER PVC SDR 28 PIPE. RELOCATED COMBINATION DUAL CATCH BASIN AND SINGLE LAWN DRAIN LEADS ARE TO BE MATCH EXISTING LEAD DIAMETER, EITHER 150mm DIAMETER PVC SDR 28 PIPE (TYP.) OR 200mm DIAMETER PVC SDR 35.
  - PROPOSED CONNECTIONS TO THE EXISTING MAINLINE SHALL BE COMPLETED WITH A MANUFACTURED "INSERTA-TEE" OR APPROVED EQUIVALENT.
  - ALL STORM AND SANITARY PIPE WITHIN 3.0m HORIZONTALLY OF EXISTING WATERMANS SHALL BE WRAPPED WITH PETROLATUM TAPE C/W IMPERMEABLE MEMBRANE.
  - ALL STORM AND SANITARY PIPES AND FITTINGS SHALL BE GASKETED.
  - TIE-INS TO EXISTING CATCHBASIN LEADS SHALL BE COMPLETED WITH APPROVED, MANUFACTURED STORM COUPLERS.
  - CATCH BASIN LEADS SHALL BE INSTALLED AT 2% GRADE MINIMUM.

**\*\*\*CAUTION\*\*\***

- 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 COMBINATION OF SURVEY AND RECORD DRAWINGS AND REQUIRE CONFIRMATION OF LOCATION PRIOR TO CONSTRUCTION.
- OIL AND GAS ACTIVITIES ACT (SEC. 76) REQUIRES
  - WRITTEN PERMISSION MUST BE OBTAINED PRIOR TO ACTIVITY WITHIN THIRTY (30) METERS OF AN INTERMEDIATE PRESSURE PIPELINE (GRANTED AUTOMATICALLY PROVIDED WORK DOES NOT INCLUDE PRE-LOADING, BLASTING, LARGE EXCAVATIONS WHICH MAY REQUIRE ENGINEERED SHORING, PILES, OR ANCHORS, WORK WITHIN A GEO-HAZARD AREA OR WORK OR WORK WITHIN A FORTIS-BC RIGHT-OF-WAY)
  - FURTHER WRITTEN PERMISSIONS MUST BE OBTAINED PRIOR TO ACTIVITY WITHIN TEN (10) METERS OF AN INTERMEDIATE PRESSURE PIPELINE - **INCOMPLETE**
  - PERMITTING MUST BE COMPLETED PRIOR TO ACTIVITY WITHIN TWO (2) METERS OF AN INTERMEDIATE PRESSURE PIPELINE - **INCOMPLETE**

who's completing this? (typ)



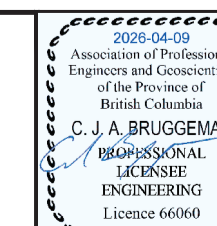
**34492**

PLOT DATE: April 6, 2026

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| A      | PRELIMINARY DESIGN | 2026-01-30 | GA/VEH | CJB   |
| B      | DETAILED DESIGN    | 2026-03-11 | CD     | CJB   |
| C      | ISSUED FOR TENDER  | 2026-04-08 | CD     | CJB   |



**GENERAL NOTES**  
2026 ROAD SAFETY IMPROVEMENTS

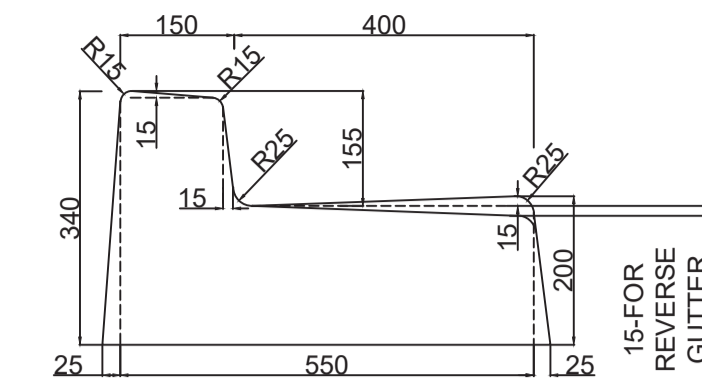


#201, 3999 Henning Drive, Burnaby, B.C. V5C 6P9  
T: (604)629-2996 F: (604)629-2996

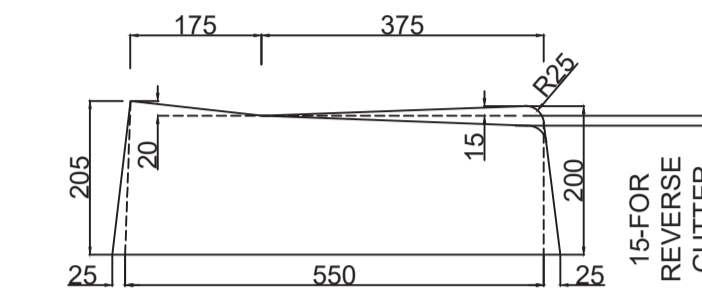
ISSUED FOR TENDER DESIGN NO.

| SCALE      | AS SHOWN | CREATION DATE | 2026-04-08 | DWG. NO. |
|------------|----------|---------------|------------|----------|
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| CHECKED BY | CJB      | APPROVED BY   | CJB        | REV. C   |

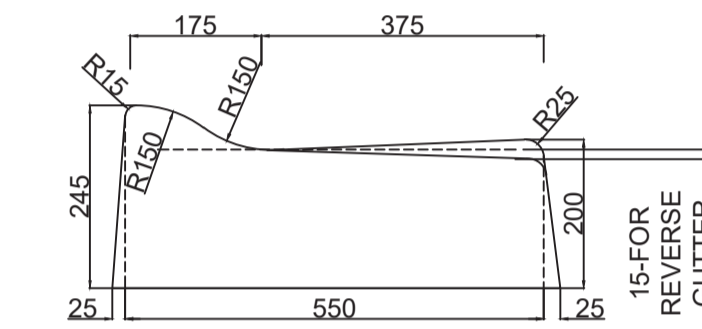




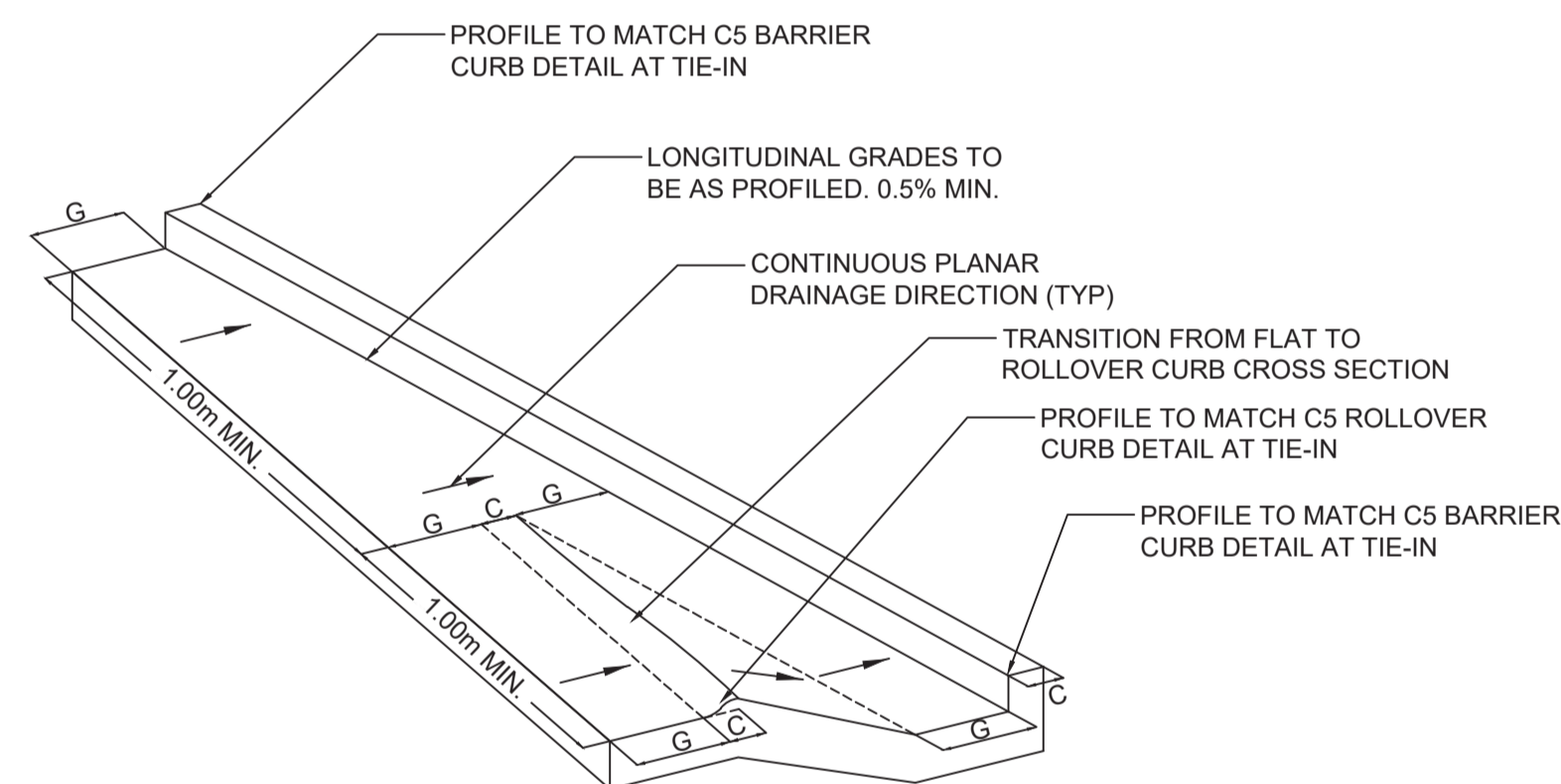
**C5 BARRIER CURB DETAIL**  
NTS



**C5 LETDOWN CURB DETAIL**  
NTS



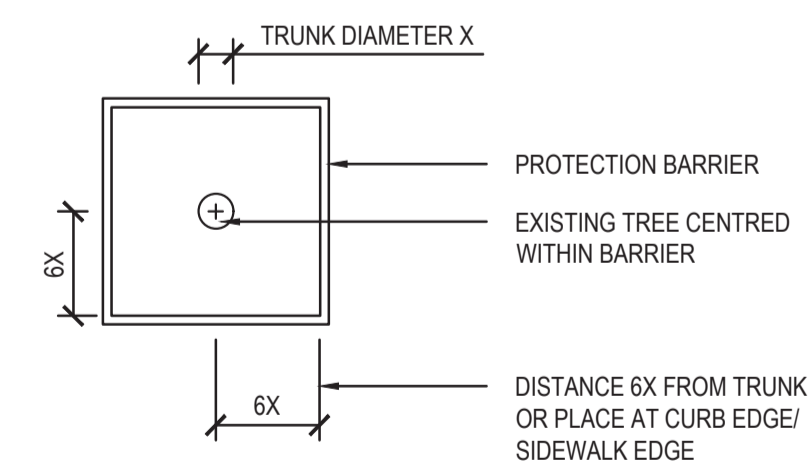
**C5 ROLLOVER CURB DETAIL**  
NTS



**TRUCK APRON CURB TRANSITION DETAIL**  
NTS

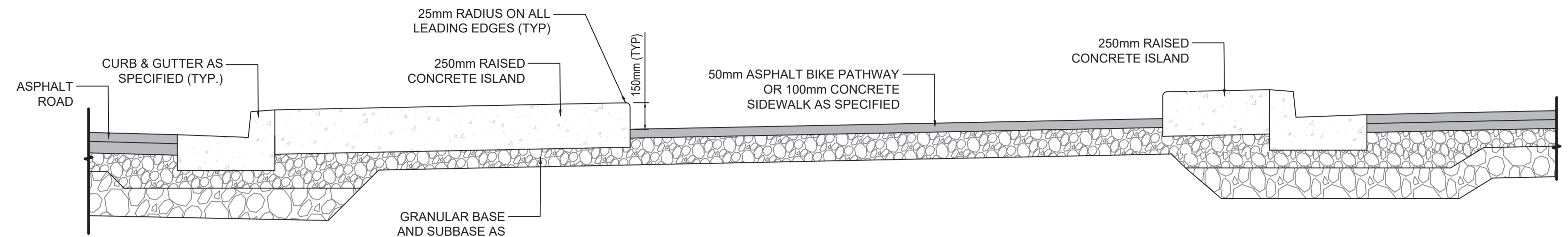
**PROTECTION BARRIER DISTANCE**

| TRUNK DIAMETER | MIN PROTECTION DISTANCE |
|----------------|-------------------------|
| X              | 6X                      |
| 20 cm          | 1.2 m from trunk        |
| 25 cm          | 1.5 m from trunk        |
| 30 cm          | 1.8 m from trunk        |
| 35 cm          | 2.1 m from trunk        |
| 40 cm          | 2.4 m from trunk        |
| 45 cm          | 2.7 m from trunk        |
| 50 cm          | 3.0 m from trunk        |
| 55 cm          | 3.3 m from trunk        |
| 60 cm          | 3.6 m from trunk        |
| 75 cm          | 4.5 m from trunk        |
| 90 cm          | 5.0 m from trunk        |
| 100 cm         | 6.0 m from trunk        |

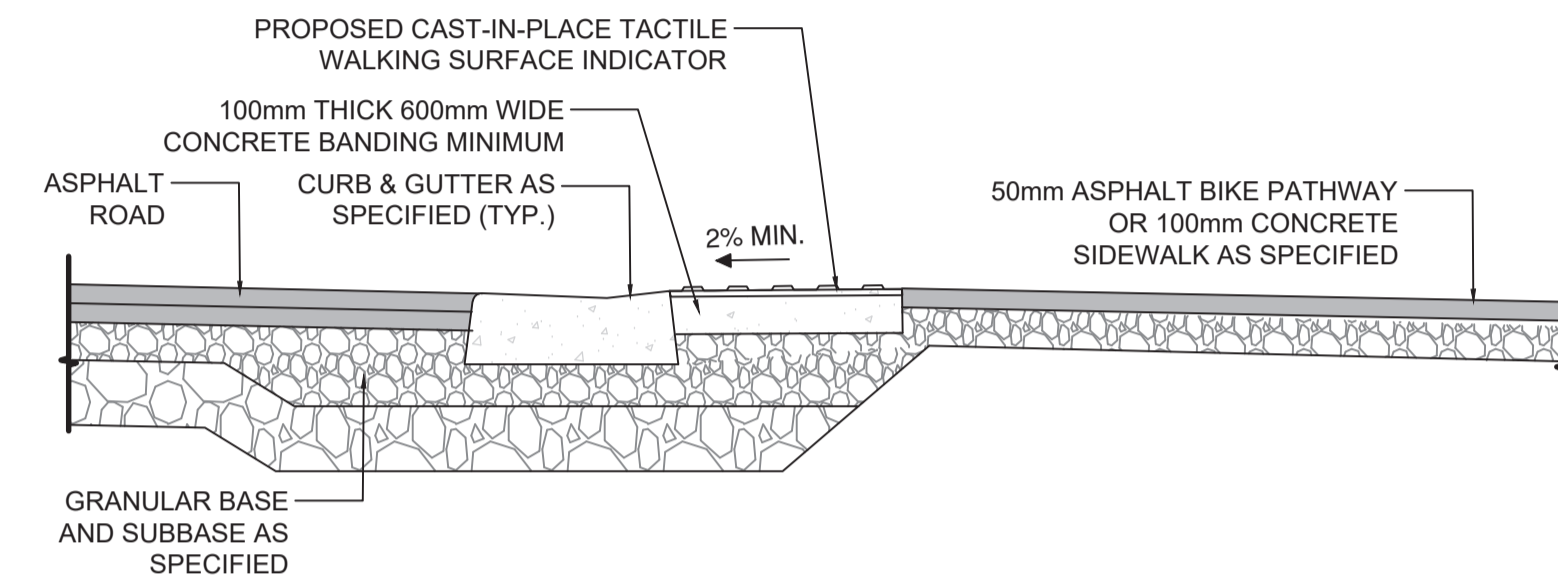


- NOTES:**
1. INSTALL TREE PROTECTION BARRIER BEFORE CONSTRUCTION BEGINS AND KEEP IN PLACE UNTIL LANDSCAPE INSTALLATION IS COMPLETE.
  2. DO NOT PARK VEHICLES, STORE EQUIPMENT OR MATERIALS INSIDE TREE PROTECTION AREA.
  3. MAINTAIN EXISTING GRADES AT PROTECTION BARRIER.
  4. CONTRACTOR RESPONSIBLE FOR MAINTENANCE OF TREE PROTECTION BARRIER.
  5. DAMAGED TREES, INCLUDING THOSE ADVERSELY AFFECTED BY COMPACTION IN PROTECTION AREA, TO BE REPLACED AT CONTRACTOR'S EXPENSE.

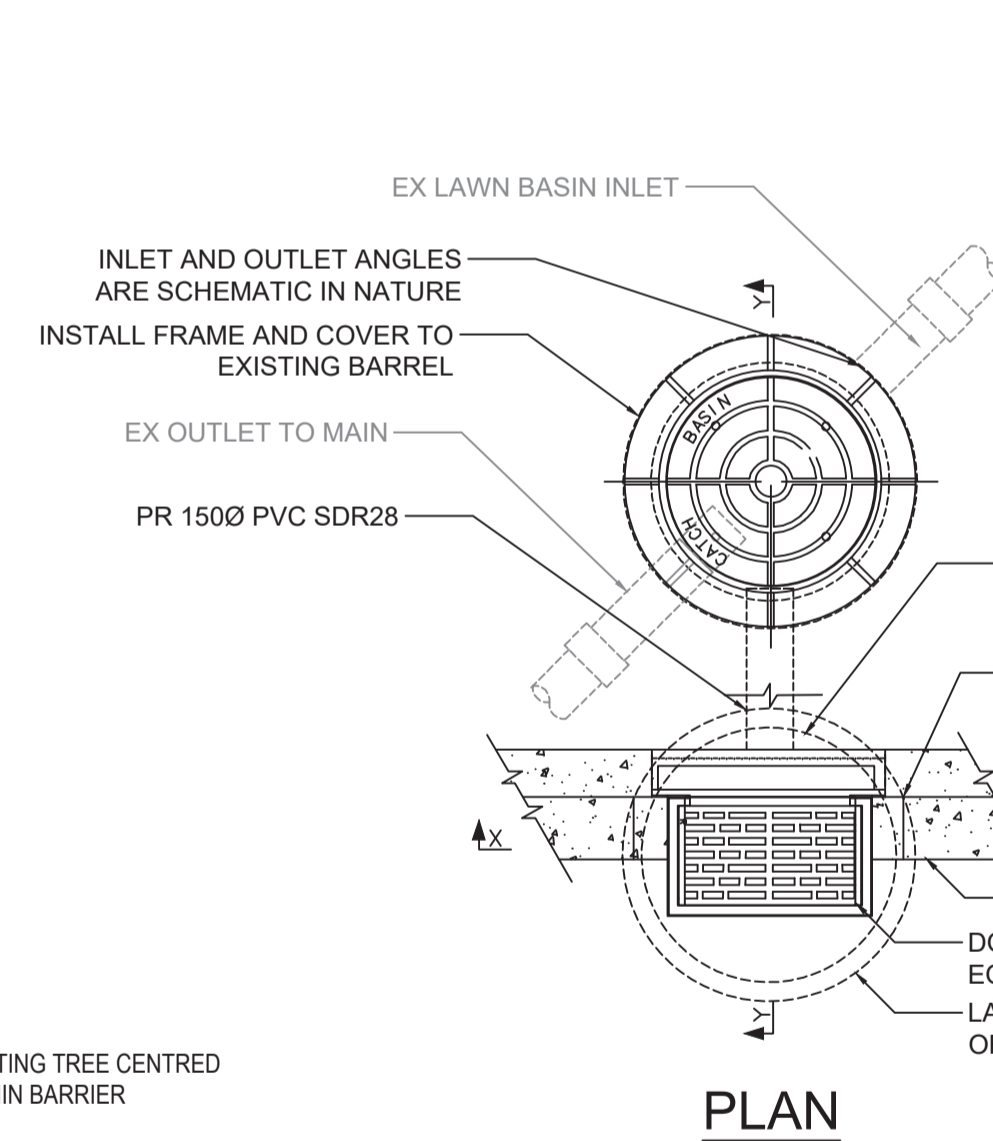
**TREE PROTECTION DETAIL**  
NTS



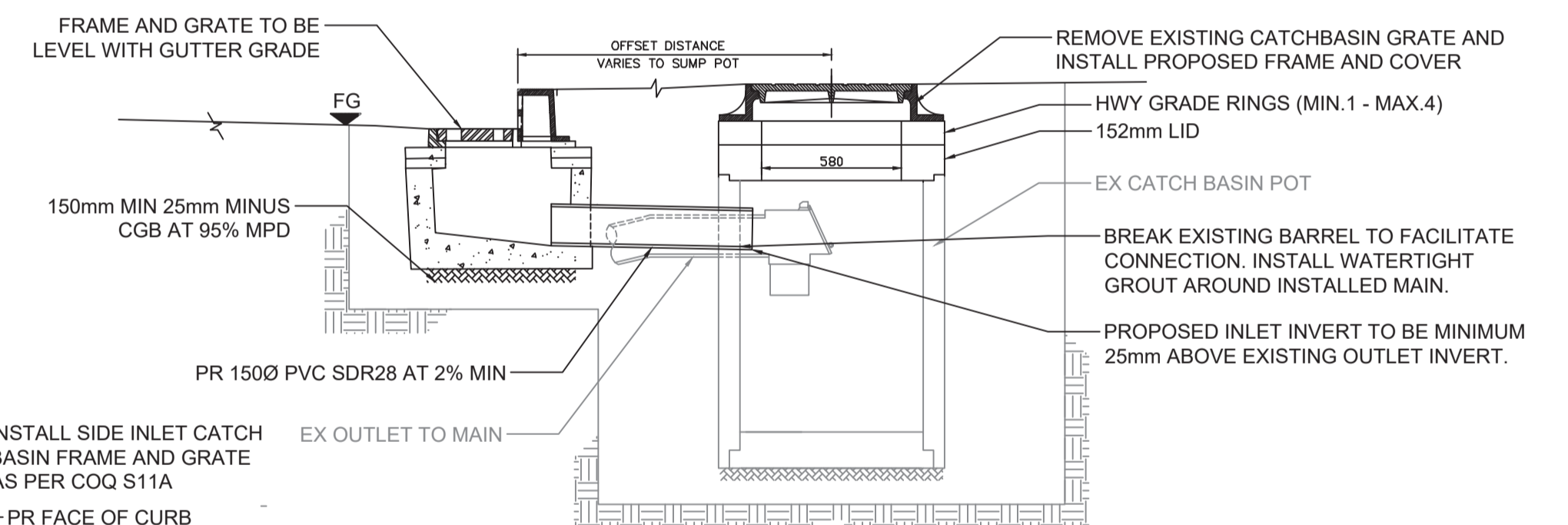
**RAISED CONCRETE ISLAND DETAIL**  
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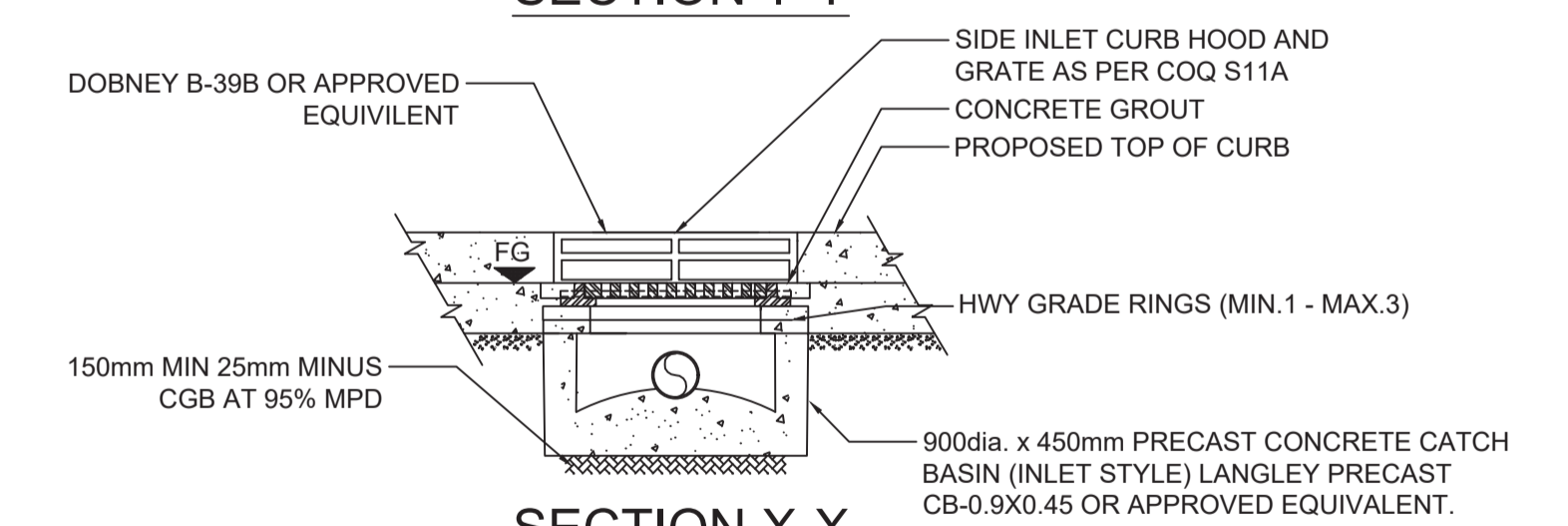
**TACTILE WALKING SURFACE INDICATOR MOUNTING DETAIL**  
NTS



**PLAN**

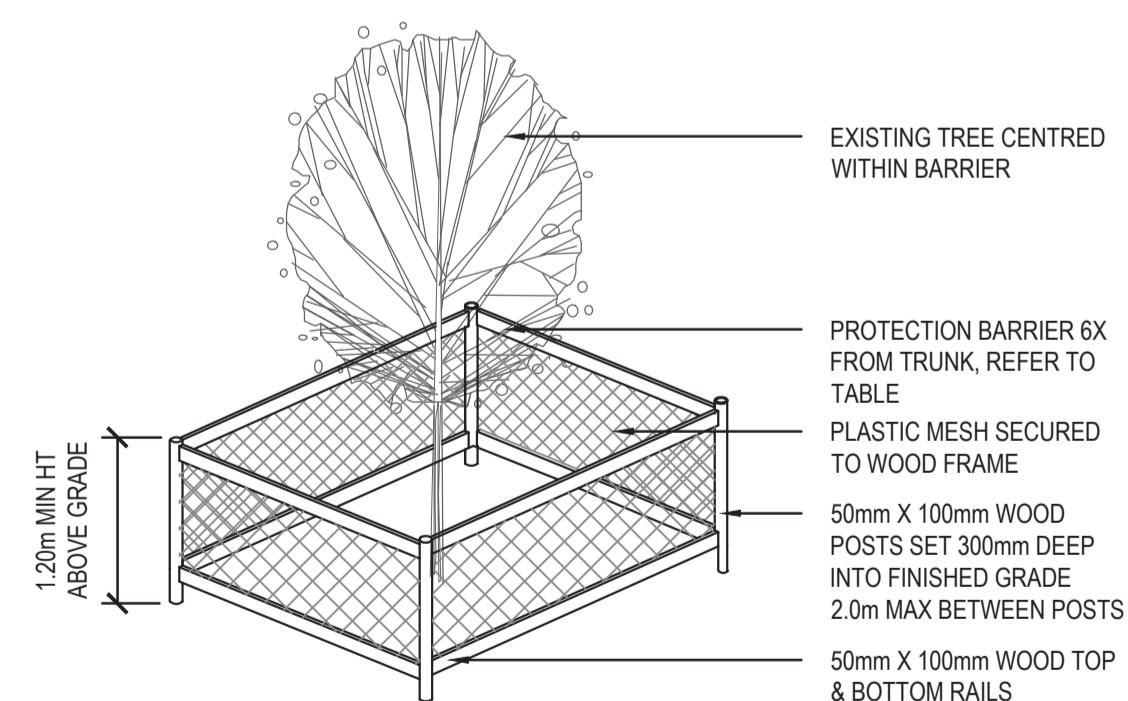


**SECTION Y-Y**



**SECTION X-X**

**OFFSET SIDE-INLET CATCH BASIN DETAIL**  
NTS

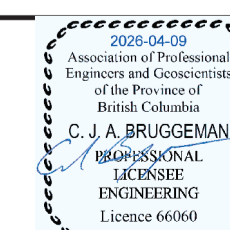


PLOT DATE: April 6, 2026

| REV NO. | REVISION DESCRIPTION | DATE       | DRAWN | APPR'D |
|---------|----------------------|------------|-------|--------|
| A       | PRELIMINARY DESIGN   | 2026/01/30 | GA/EH | CJB    |
| B       | DETAILED DESIGN      | 2026/03/11 | CD    | CJB    |
| C       | ISSUED FOR TENDER    | 2026/04/08 | CD    | CJB    |



**DETAILS**  
2026 ROAD SAFETY IMPROVEMENTS

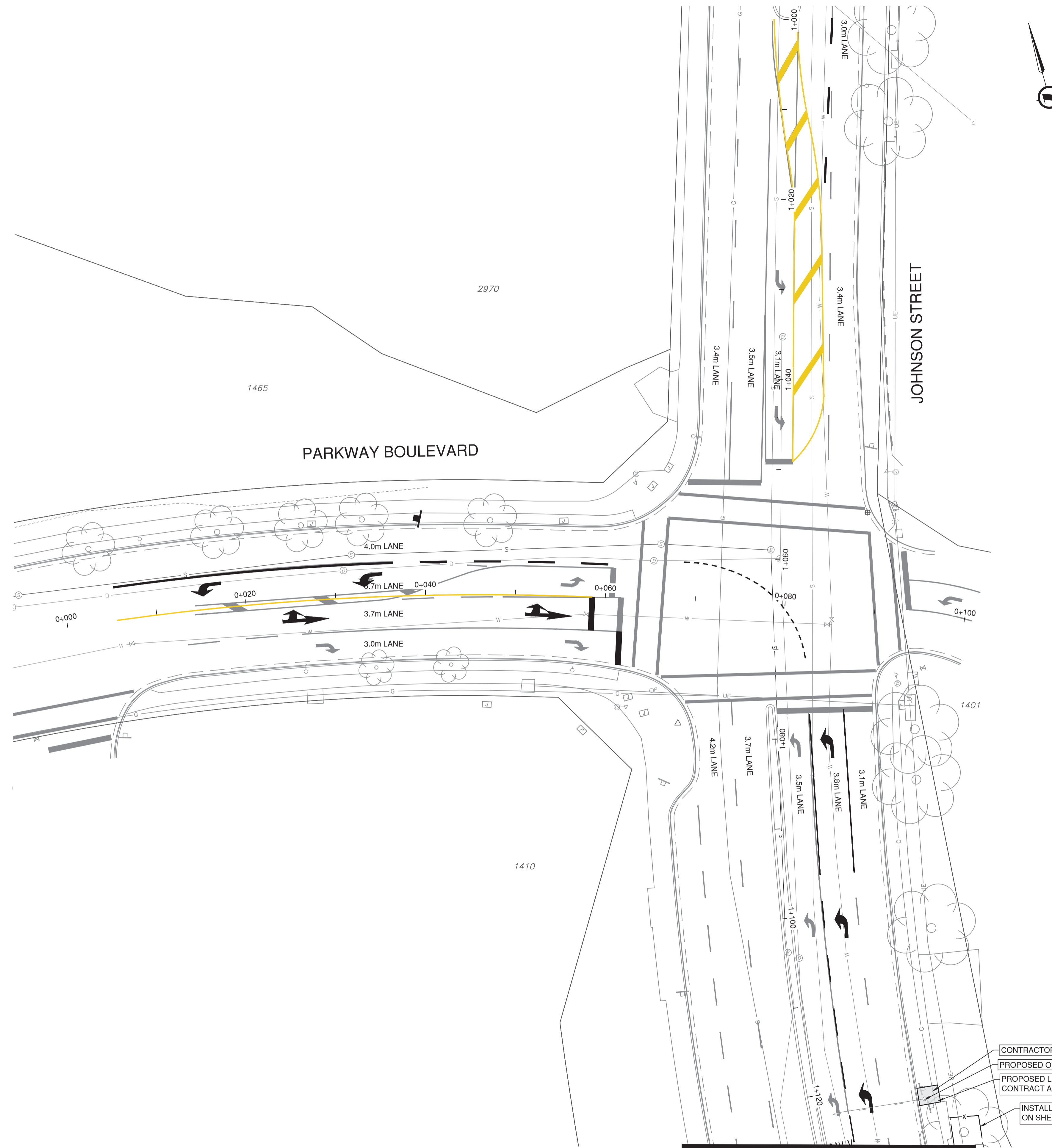


#201, 3990 Hanning Drive, Burnaby, B.C. V5C 6P9  
T: (604)509-3098 F: (604)509-3098

ISSUED FOR TENDER DESIGN NO.

| SCALE      | AS SHOWN | CREATION DATE | 2026-04-08 | DWG. NO. |
|------------|----------|---------------|------------|----------|
| DRAWN BY   | CD       | DESIGN BY     | CD, CJB    | 03 OF 10 |
| CHECKED BY | CJB      | APPROVED BY   | CJB        | REV. C   |

**34492**



| SURFACE TREATMENTS                   |   |
|--------------------------------------|---|
| CONCRETE - SIDEWALK / CURB / WALKWAY | 100mm OF CONCRETE (BROOM FINISH) c/w 100mm OF 19mm MINUS CRUSHED GRANULAR BASE COMPACTED TO >95% MODIFIED PROCTOR DENSITY |
|                                      | MMCD C5 CURB AND GUTTER C/W 100mm OF 25mm MINUS CRUSHED GRANULAR BASE COMPACTED TO >95% MODIFIED PROCTOR DENSITY          |

NOTE: ALL LANE WIDTHS ARE MEASURED TO FACE OF CURB WHERE CURB IS ADJACENT (UNLESS OTHERWISE SPECIFIED)

- CONTRACTOR TO PRE-LOCATE EXISTING CONDUIT PRIOR TO CONSTRUCTION AND PRIOR TO ORDERING DEPENDANT STRUCTURE OR COMPONENTS.
- PROPOSED OVERHEAD LANE DESIGNATION SIGNAGE - SEE ELECTRICAL SHEETS FOR ADDITIONAL DETAILS.
- PROPOSED LIMITS TO BE TO NEAREST EXISTING SIDEWALK PANEL WIDTH. CONTRACT ADMINISTRATOR TO CONFIRM EXTENTS ON SITE. (TYP.)
- INSTALL TREE PROTECTION FENCING AS PER DETAIL ON SHEET NO. 3 (SHOWN SCHEMATICALLY) TYP.

PLAN VIEW  
SCALE: 1:250  
FOR CONTINUATION SEE DWG. NO. 5

ISSUED FOR TENDER  
DESIGN NO. 34492



| REV. NO. | REVISION DESCRIPTION | DATE       | DRAWN | APPRD |
|----------|----------------------|------------|-------|-------|
| A        | PRELIMINARY DESIGN   | 2026/01/30 | GA/EH | CJB   |
| B        | DETAILED DESIGN      | 2026/03/11 | CD    | CJB   |
| C        | ISSUED FOR TENDER    | 2026/04/08 | CD    | CJB   |



**CIVIL - PARKWAY BLVD AT JOHNSON ST**  
2026 ROAD SAFETY IMPROVEMENTS



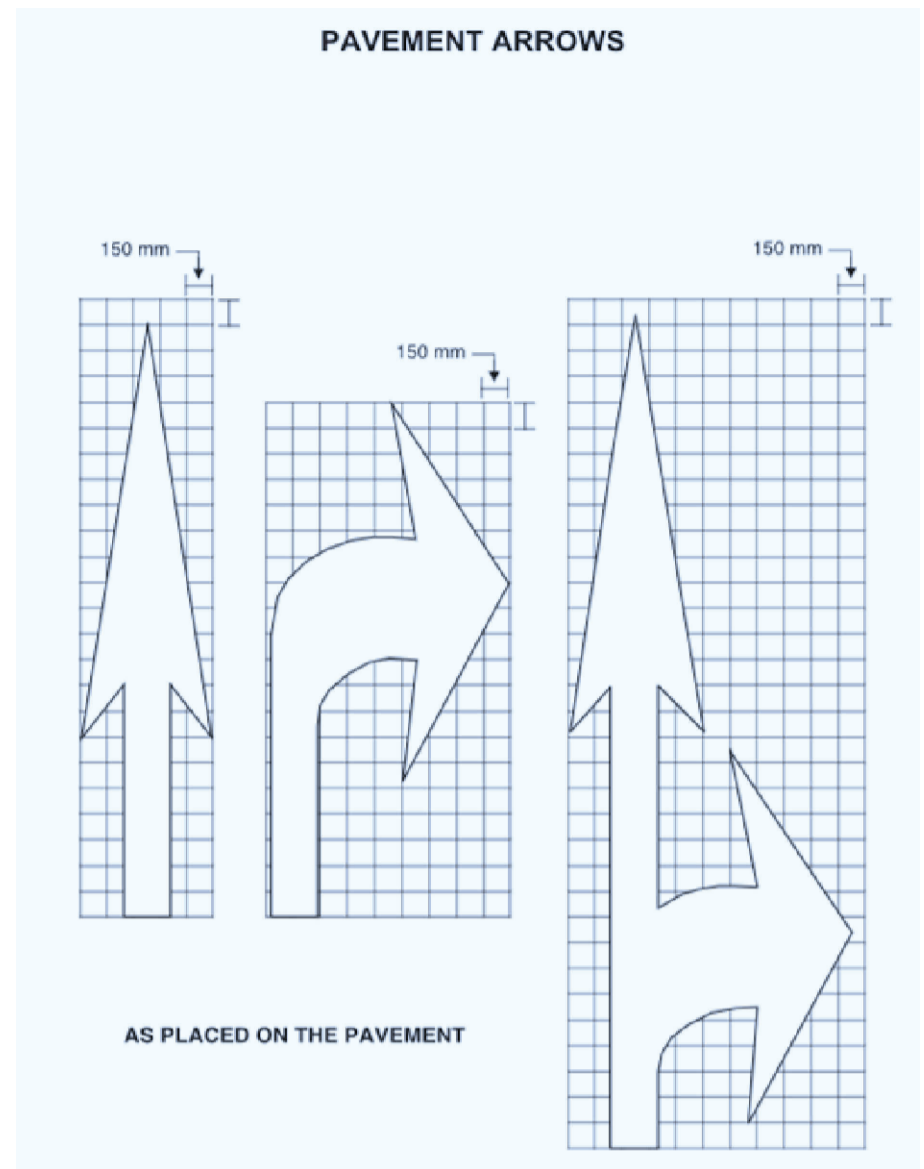
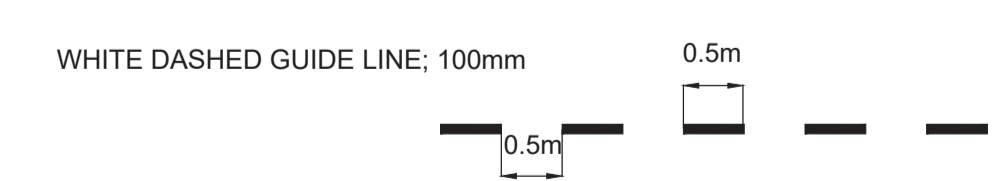
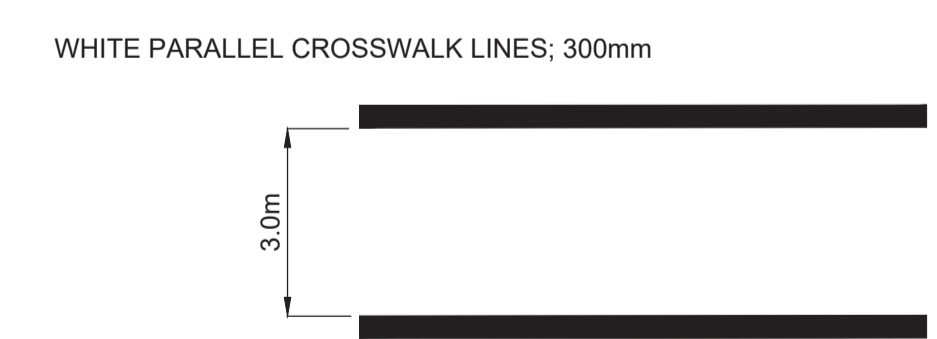
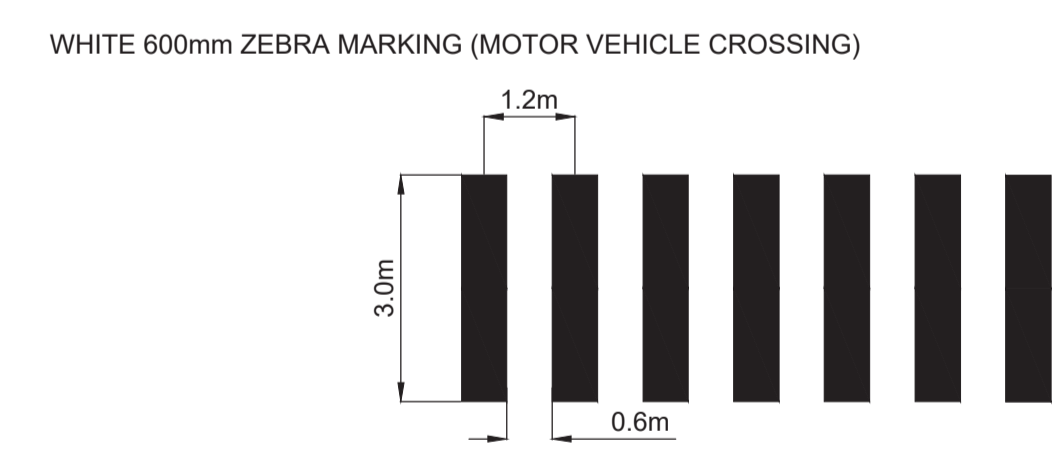
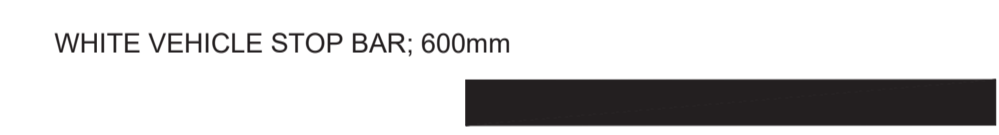
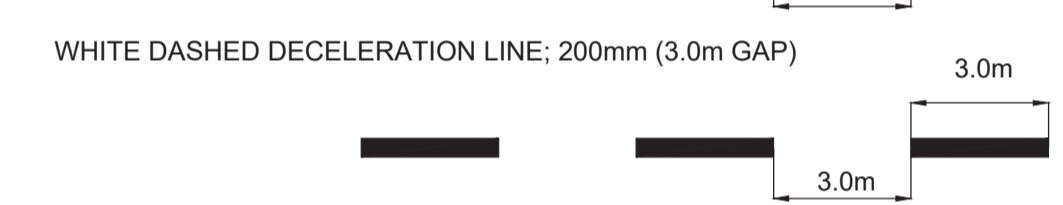
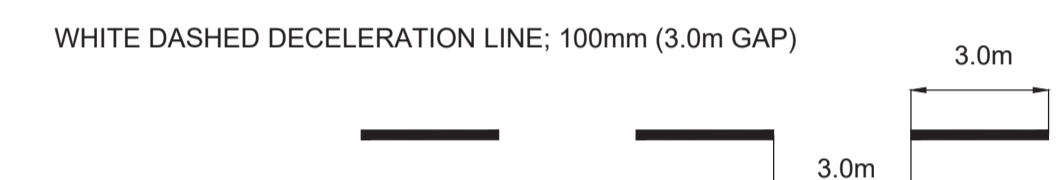
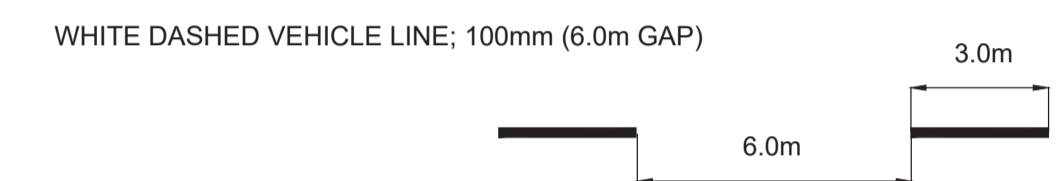
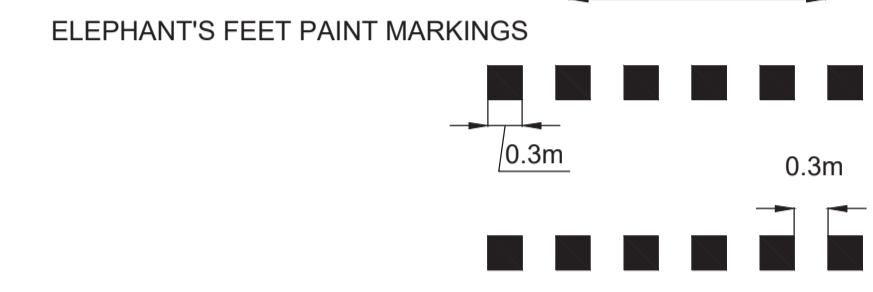
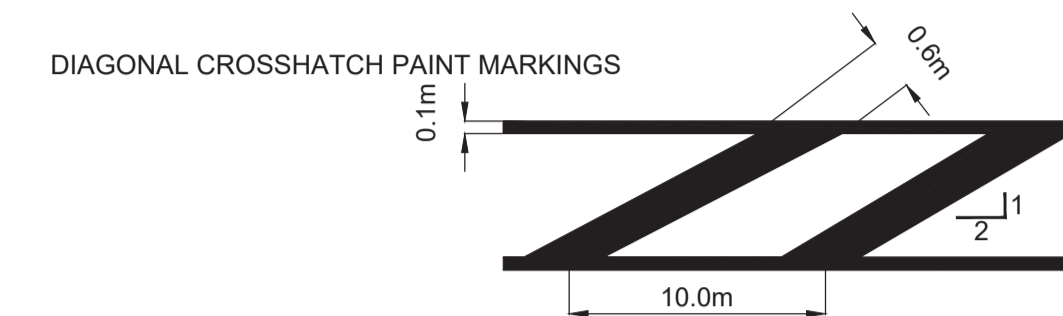
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| CHECKED BY | CJB           | APPROVED BY   | CJB        | REV.     | C  |
| PLOT DATE  | April 8, 2026 |               |            |          |    |

File: Z:\Shared\Projects\34000\34400\34402\_CCO\_2026\_Road\_Safety\_Improvements\02\_CADD\20\_Drafting\202\_CADD\20\_Productions\34402\_SHI\_ROADWORKS.dwg



**LEGEND:**

**PAVEMENT DETAILS**

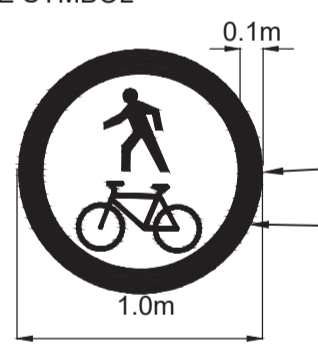


AS PLACED ON THE PAVEMENT

**NOTES:**

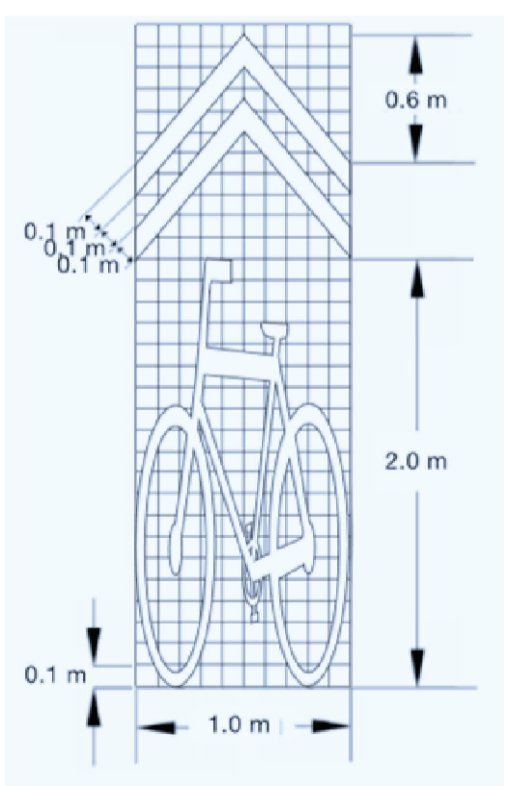
1. ALL PAVEMENT MARKINGS AND SIGNS PER THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION UNLESS STATED OTHERWISE. ALL REGULATORY AND SAFETY SIGNAGE PER TRANSPORTATION ASSOCIATION OF CANADA'S BIKEWAY TRAFFIC CONTROL GUIDELINES FOR CANADA, LATEST EDITION UNLESS STATED OTHERWISE.
2. ALL PAVEMENT MARKINGS TO BE THERMOPLASTIC UNLESS OTHERWISE SPECIFIED.
3. ALL SIGNS TO BE DIAMOND GRADE.
4. ALL SIGNS TO HAVE MINIMUM VERTICAL CLEARANCE OF 2.1m. IF CLEARANCE CANNOT BE ACHIEVED WHEN INSTALLING A NEW SIGN ONTO AN EXISTING POLE THEN THE POLE SHALL BE REPLACED AND ALL SIGNS TRANSFERRED AS NEEDED TO ACHIEVE THE DESIRED CLEARANCE.
5. ALL SIGN POSTS TO BE CAPPED
6. ALL PAVEMENT MARKINGS ARE NOT TO SCALE.
6. CONTRACTOR TO SUPPLY ALL SIGNS, POLES, AND ASSOCIATED HARDWARE.
7. TEXT PAVEMENT MARKINGS SHALL BE INSTALLED AS PER TAC MUTCD FIGURE C1-9 AND TABLE C1-1.

**MULTI-USE SYMBOL**



SYMBOLS MUST BE STENCILED, NOT HAND DRAWN (TYP.) WHERE INSTALLED TO CONCRETE SIDEWALK THEN SYMBOL TO BE INSTALLED TO AVOID PANEL GAPS.

**SHARROW**



**SIGNAGE DETAILS**

|   |  |
|---|--|
| RA-4R/L<br>600mm x 750mm                          |  |
| MULTI USE CROSSING SIGN (CUSTOM)<br>600mm x 750mm |  |
| MULTI USE CROSSING TAB (CUSTOM)<br>600mm x 300mm  |  |
| WA-36L/R<br>300mm x 900mm                         |  |
| WA-36<br>450mm x 900mm                            |  |
| RA-2<br>750mm SIDES                               |  |
| RB-39<br>600mm x 750mm                            |  |
| RB-55<br>300mm x 300mm                            |  |
| RB-51L<br>300mm x 300mm                           |  |
| RB-58R<br>300mm x 450mm                           |  |
| MALL ACCESS CUSTOM<br>400mm x 750mm               |  |
| PARKWAY Blvd CUSTOM<br>400mm x 750mm              |  |
| R-082-L<br>750mm x 750mm                          |  |
| R-081<br>750mm x 750mm                            |  |
| R-086-L<br>750mm x 750mm                          |  |

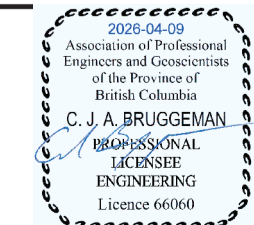


ISSUED FOR TENDER DESIGN NO. 34492

| REV NO. | REVISION DESCRIPTION | DATE       | DRAWN | APPRD |
|---------|----------------------|------------|-------|-------|
| A       | PRELIMINARY DESIGN   | 2026/01/30 | GA/EH | CJB   |
| B       | DETAILED DESIGN      | 2026/03/11 | CD    | CJB   |
| C       | ISSUED FOR TENDER    | 2026/04/08 | CD    | CJB   |

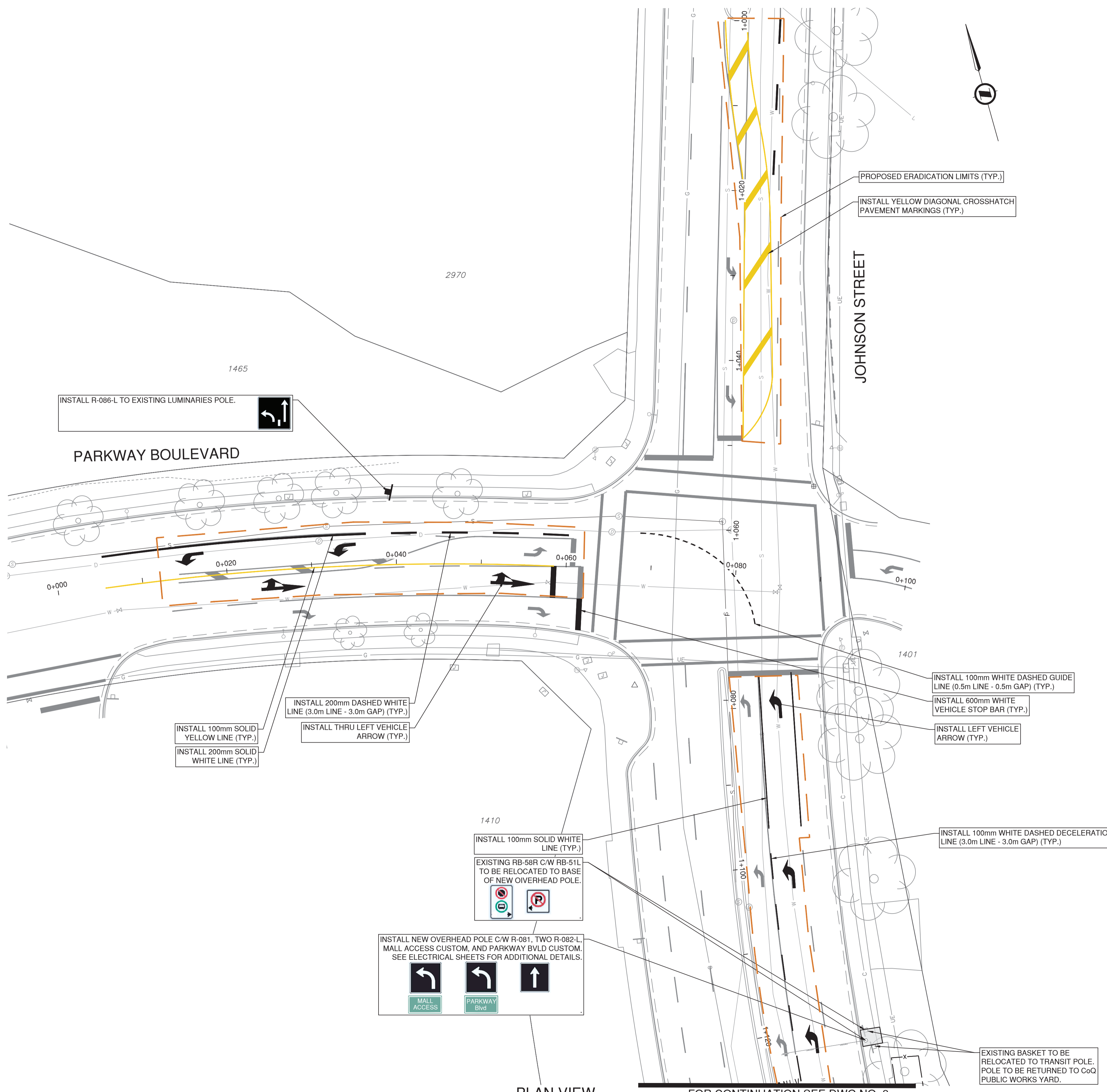


**PAVEMENT MARKINGS AND SIGNAGE - LEGEND**  
2026 ROAD SAFETY IMPROVEMENTS



|            |               |               |            |          |    |
|------------|---------------|---------------|------------|----------|----|
| SCALE      | 1:250         | CREATION DATE | 2026/04/08 | DWG. NO. | 06 |
| DRAWN BY   | CD            | DESIGN BY     | CD/CJB     | OF       | 10 |
| CHECKED BY | CJB           | APPROVED BY   | CJB        | REV.     | C  |
| PLOT DATE  | April 8, 2026 |               |            |          |    |

File: Z:\Shared\Projects\34492\34492\_2026\_Road\_Safety\_Improvements\02\_CADD\20\_Drafting\02\_Production\34492\_SH\_ROADWAY\DRS.dwg



INSTALL R-086-L TO EXISTING LUMINARIES POLE.

PARKWAY BOULEVARD

PROPOSED ERADICATION LIMITS (TYP.)

INSTALL YELLOW DIAGONAL CROSSHATCH PAVEMENT MARKINGS (TYP.)

JOHNSON STREET

INSTALL 100mm SOLID YELLOW LINE (TYP.)  
INSTALL 200mm SOLID WHITE LINE (TYP.)

INSTALL 200mm DASHED WHITE LINE (3.0m LINE - 3.0m GAP) (TYP.)

INSTALL THRU LEFT VEHICLE ARROW (TYP.)

INSTALL 100mm WHITE DASHED GUIDE LINE (0.5m LINE - 0.5m GAP) (TYP.)

INSTALL 600mm WHITE VEHICLE STOP BAR (TYP.)

INSTALL LEFT VEHICLE ARROW (TYP.)

INSTALL 100mm SOLID WHITE LINE (TYP.)

EXISTING RB-58R C/W RB-51L TO BE RELOCATED TO BASE OF NEW OVERHEAD POLE.

INSTALL NEW OVERHEAD POLE C/W R-081, TWO R-082-L, MALL ACCESS CUSTOM, AND PARKWAY BLVD CUSTOM. SEE ELECTRICAL SHEETS FOR ADDITIONAL DETAILS.



INSTALL 100mm WHITE DASHED DECELERATION LINE (3.0m LINE - 3.0m GAP) (TYP.)

EXISTING BASKET TO BE RELOCATED TO TRANSIT POLE. POLE TO BE RETURNED TO CoQ PUBLIC WORKS YARD.

PLAN VIEW  
SCALE: 1:250

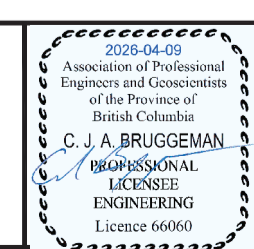
FOR CONTINUATION SEE DWG NO. 8

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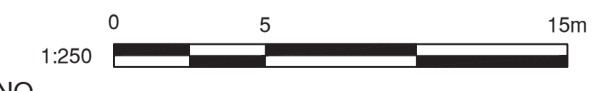
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|---------|----------------------|------------|-------|--------|
| A       | PRELIMINARY DESIGN   | 2026/01/30 | GA/EH | CJB    |
| B       | DETAILED DESIGN      | 2026/03/11 | CD    | CJB    |
| C       | ISSUED FOR TENDER    | 2026/04/08 | CD    | CJB    |

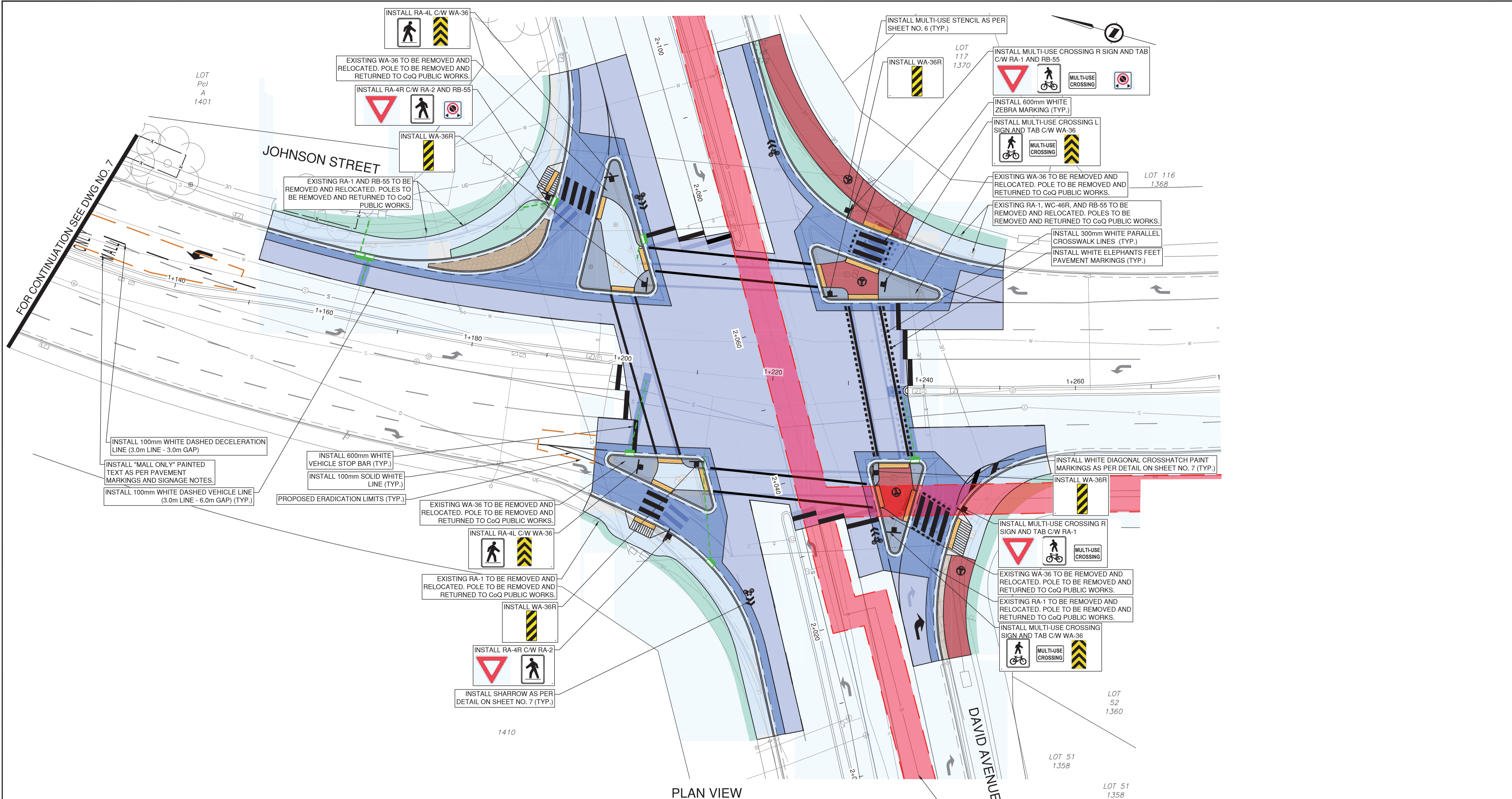


PM & S - PARKWAY BLVD AT JOHNSON ST  
2026 ROAD SAFETY IMPROVEMENTS



| ISSUED FOR TENDER |               | DESIGN NO.    |            | 34492    |    |
|-------------------|---------------|---------------|------------|----------|----|
| SCALE             | 1:250         | CREATION DATE | 2026/04/08 | DWG. NO. | 07 |
| DRAWN BY          | CD            | DESIGN BY     | CD/CJB     | OF       | 10 |
| CHECKED BY        | CJB           | APPROVED BY   | CJB        | REV.     | C  |
| PLOT DATE         | April 8, 2026 |               |            |          |    |





PLAN VIEW  
SCALE: 1:250

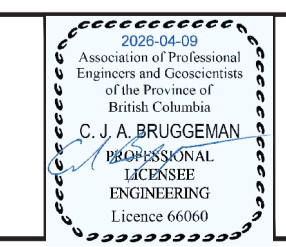
**\*\*\*CAUTION\*\*\***  
 FORTIS INTERMEDIATE PRESSURE (IP) GAS MAIN. DO NOT WORK WITHIN THIRTY (30) METERS OF EXISTING MAIN PRIOR TO CONFIRMING THE APPROPRIATE AUTHORIZATIONS AND PERMITTING IS COMPLETED AND ALL REQUIREMENTS ARE MET AS DETAILED ON THE NOTES SHEET.

File: Z:\SharedProjects\34492\34492\34492\34492\_CoQ\_2026\_Road\_Safety\_Improvements\02\_CADD\09\_Drafting\2026\_Production\34492\_Sht\_Plan\DWG\WORKS.dwg

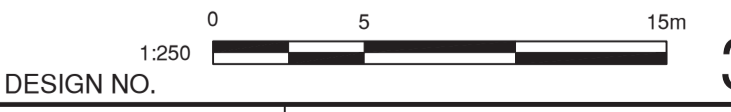
| REV NO. | REVISION DESCRIPTION | DATE       | DRAWN | APPRD |
|---------|----------------------|------------|-------|-------|
| A       | PRELIMINARY DESIGN   | 2026/01/30 | GA/EH | CJB   |
| B       | DETAILED DESIGN      | 2026/03/11 | CD    | CJB   |
| C       | ISSUED FOR TENDER    | 2026/04/08 | CD    | CJB   |



PM & S - DAVID AVE AT JOHNSON ST  
 2026 ROAD SAFETY IMPROVEMENTS

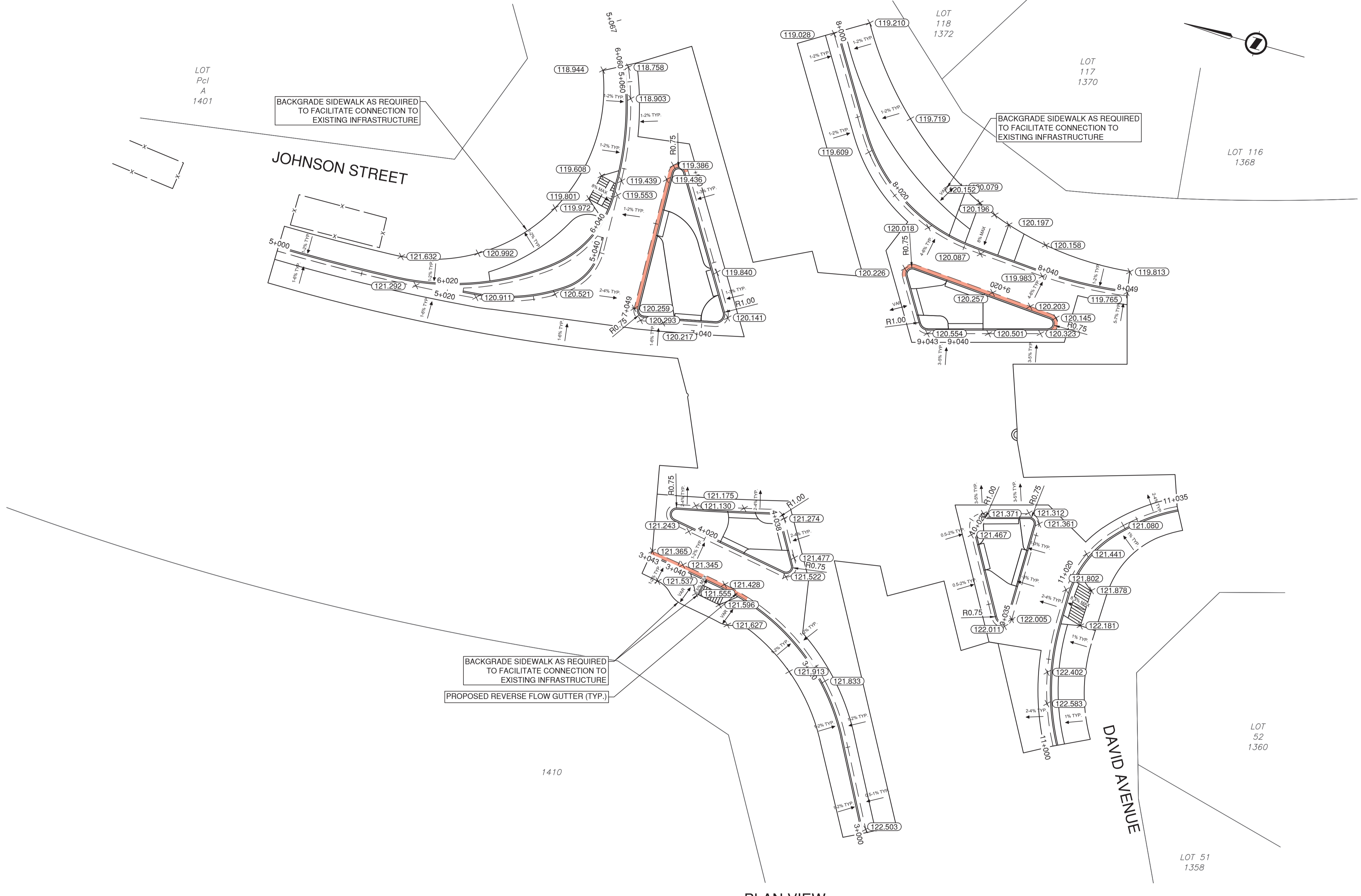


ISSUED FOR TENDER



34492

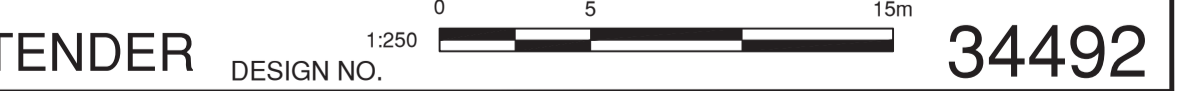
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|------------|---------------|---------------|----------|
| 1:250      |               | 2026-04-08    | 08       |
| DRAWN BY   | DESIGN BY     | APPROVED BY   | OF       |
| CD         | CD/CJB        | CJB           | 10       |
| CHECKED BY | APPROVED BY   |               | REV. C   |
| CJB        | CJB           |               |          |
| PLOT DATE  | April 8, 2026 |               |          |



PLAN VIEW  
SCALE: 1:250

TO PREVENT TRIANGULATION ERRORS - XML FILES OF CONTROL ALIGNMENTS SHALL BE PROVIDED AND SHALL GOVERN.

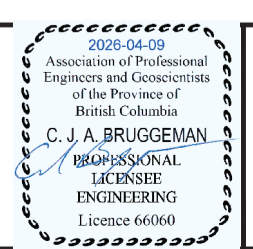
ISSUED FOR TENDER DESIGN NO. 34492



| REV. NO. | REVISION DESCRIPTION | DATE       | DRAWN | APPRD. |
|----------|----------------------|------------|-------|--------|
| A        | PRELIMINARY DESIGN   | 2026/01/30 | GA/EH | CJB    |
| B        | DETAILED DESIGN      | 2026/03/11 | CD    | CJB    |
| C        | ISSUED FOR TENDER    | 2026/04/08 | CD    | CJB    |



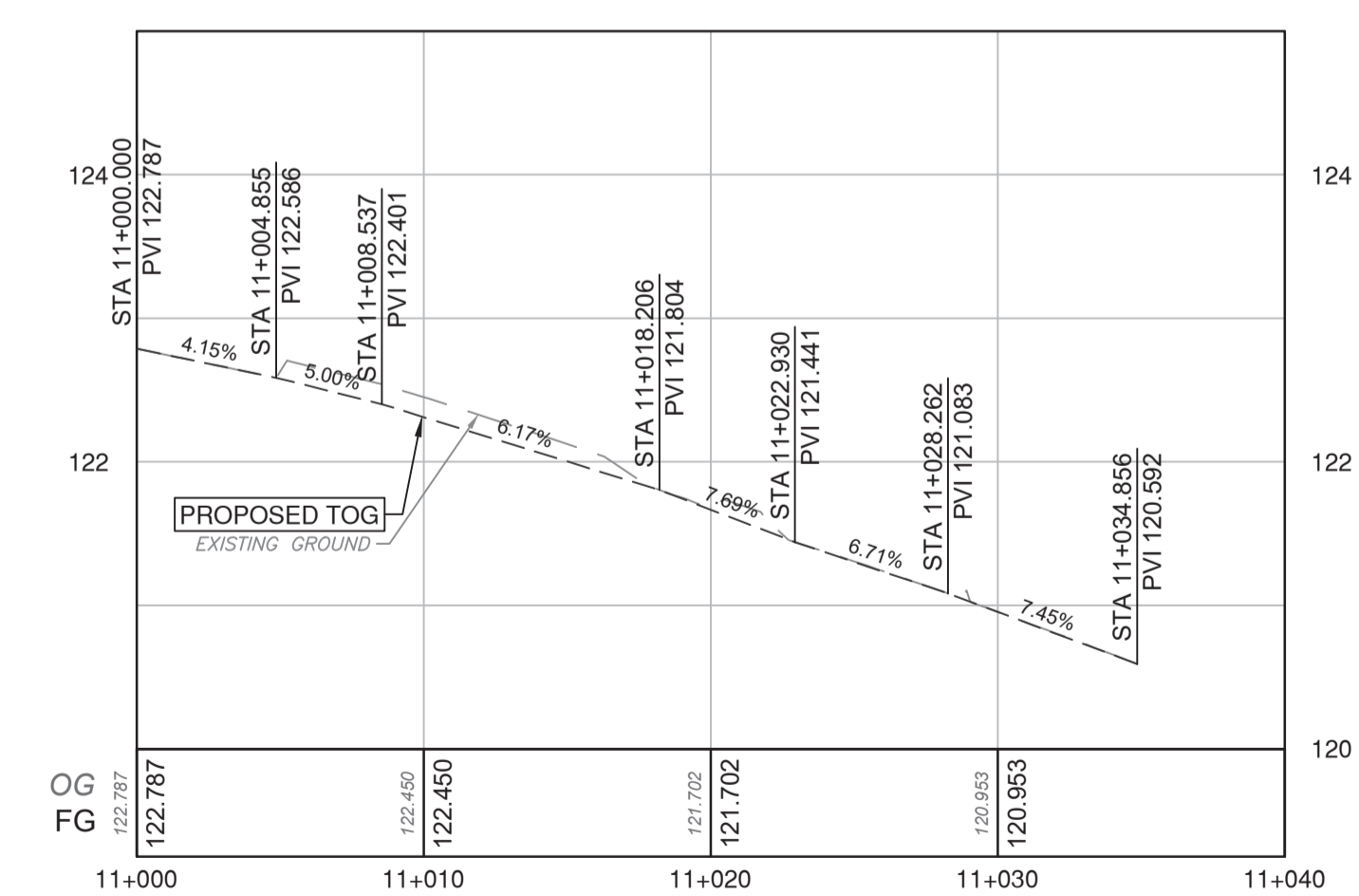
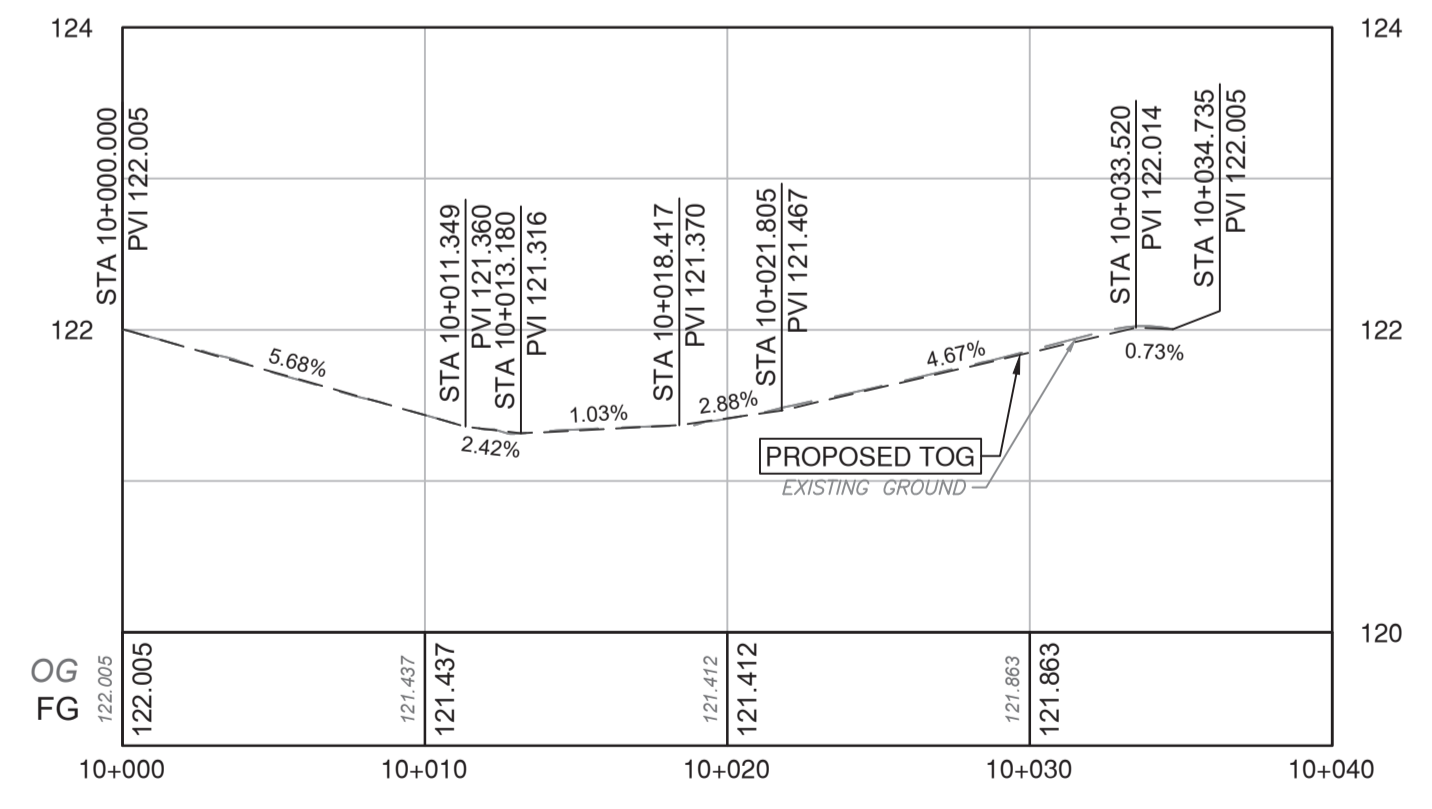
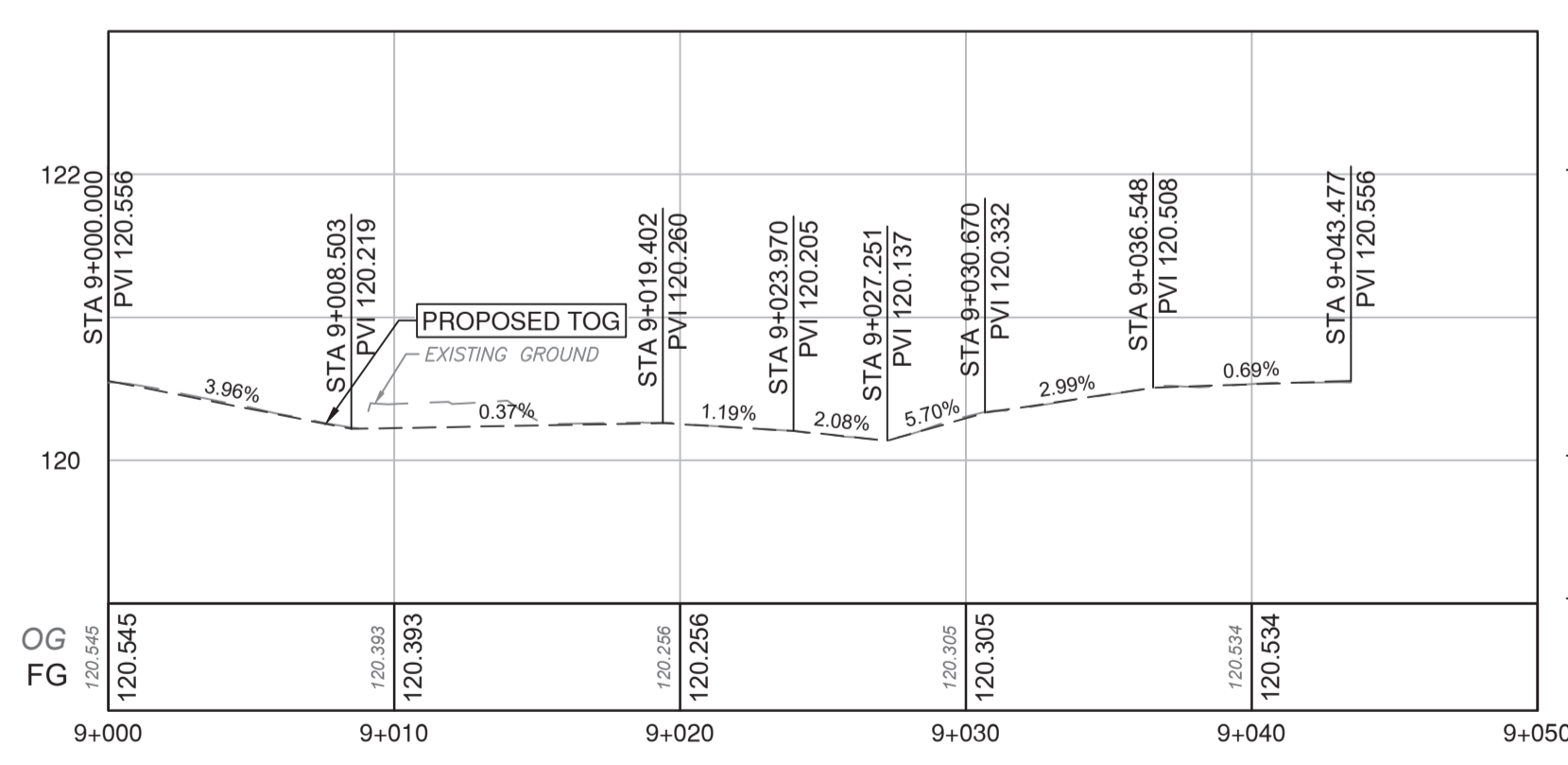
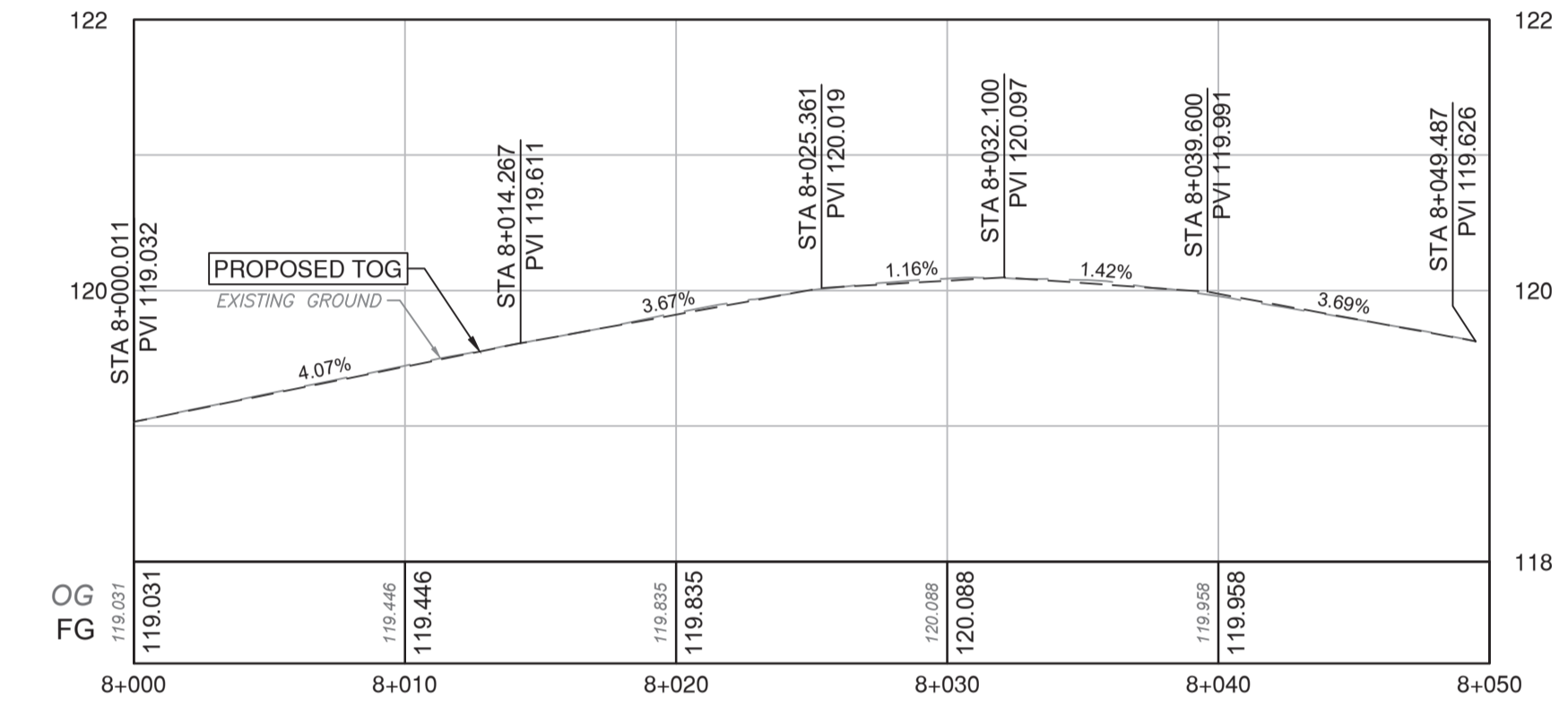
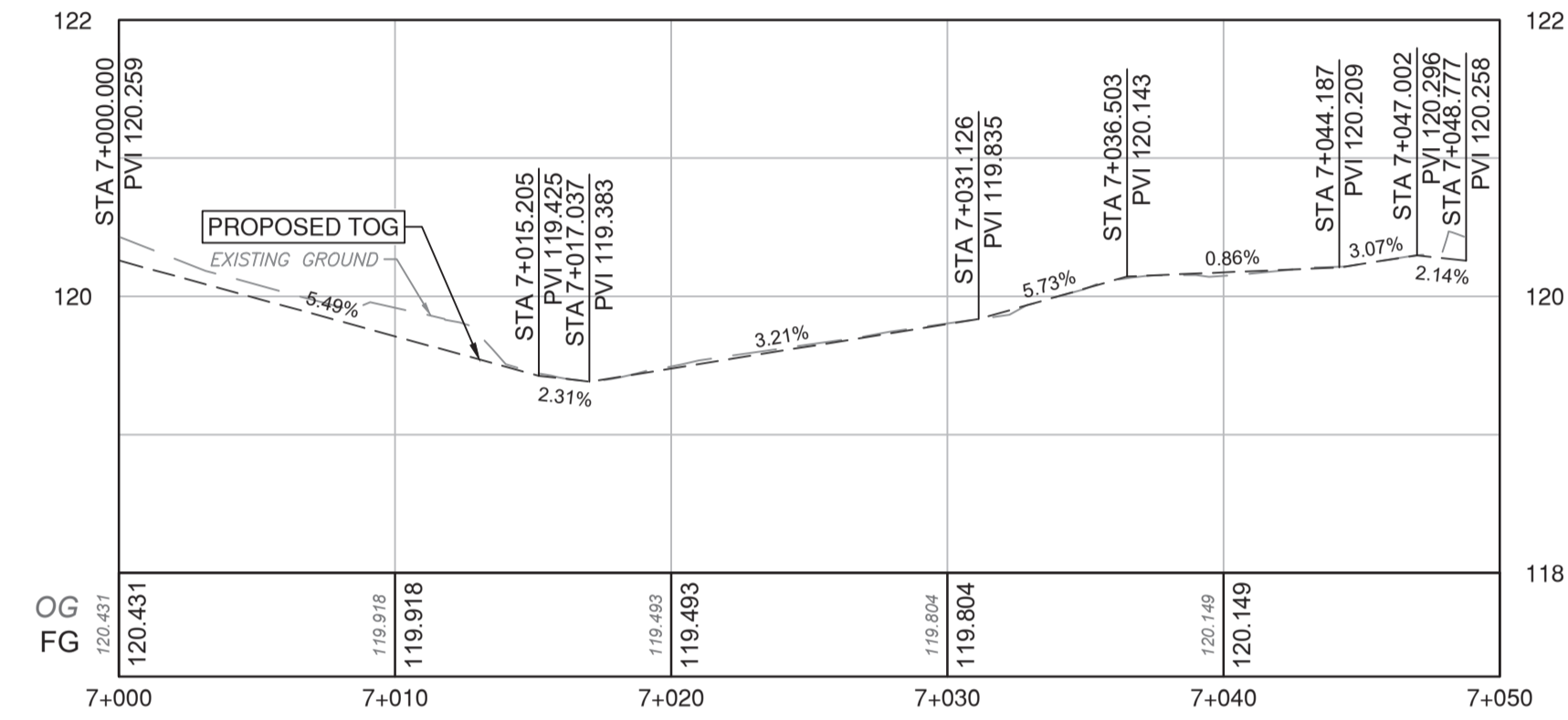
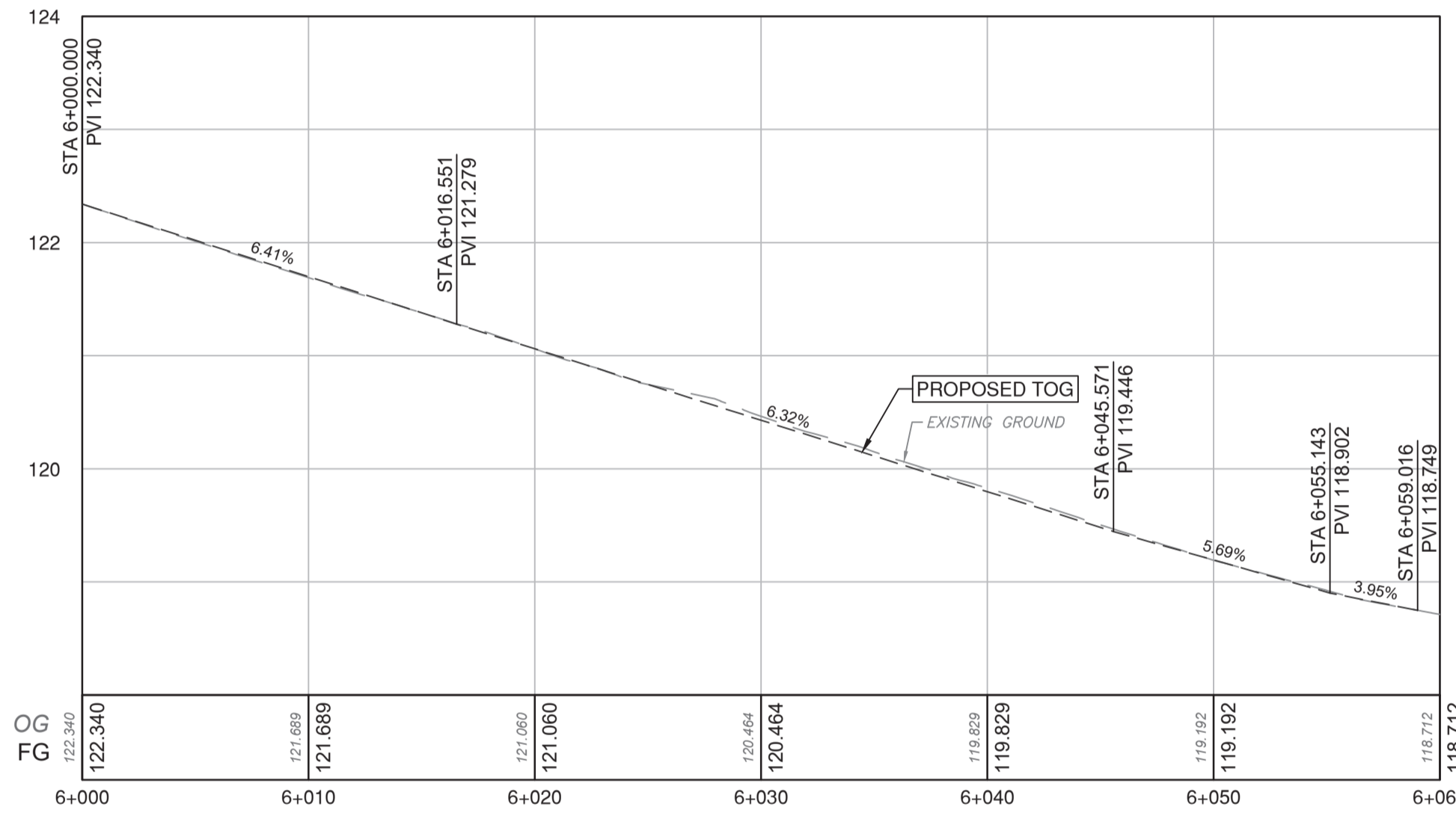
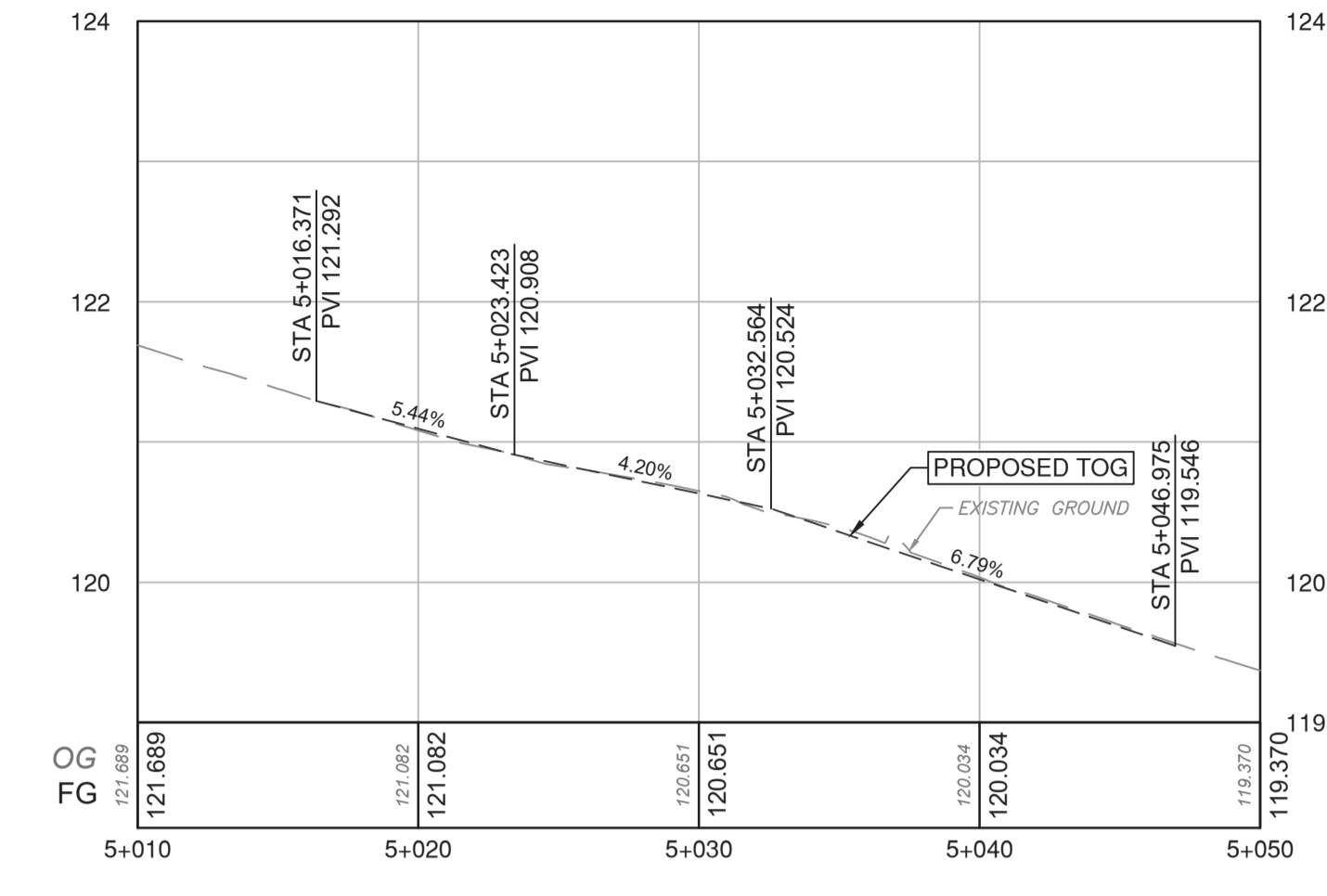
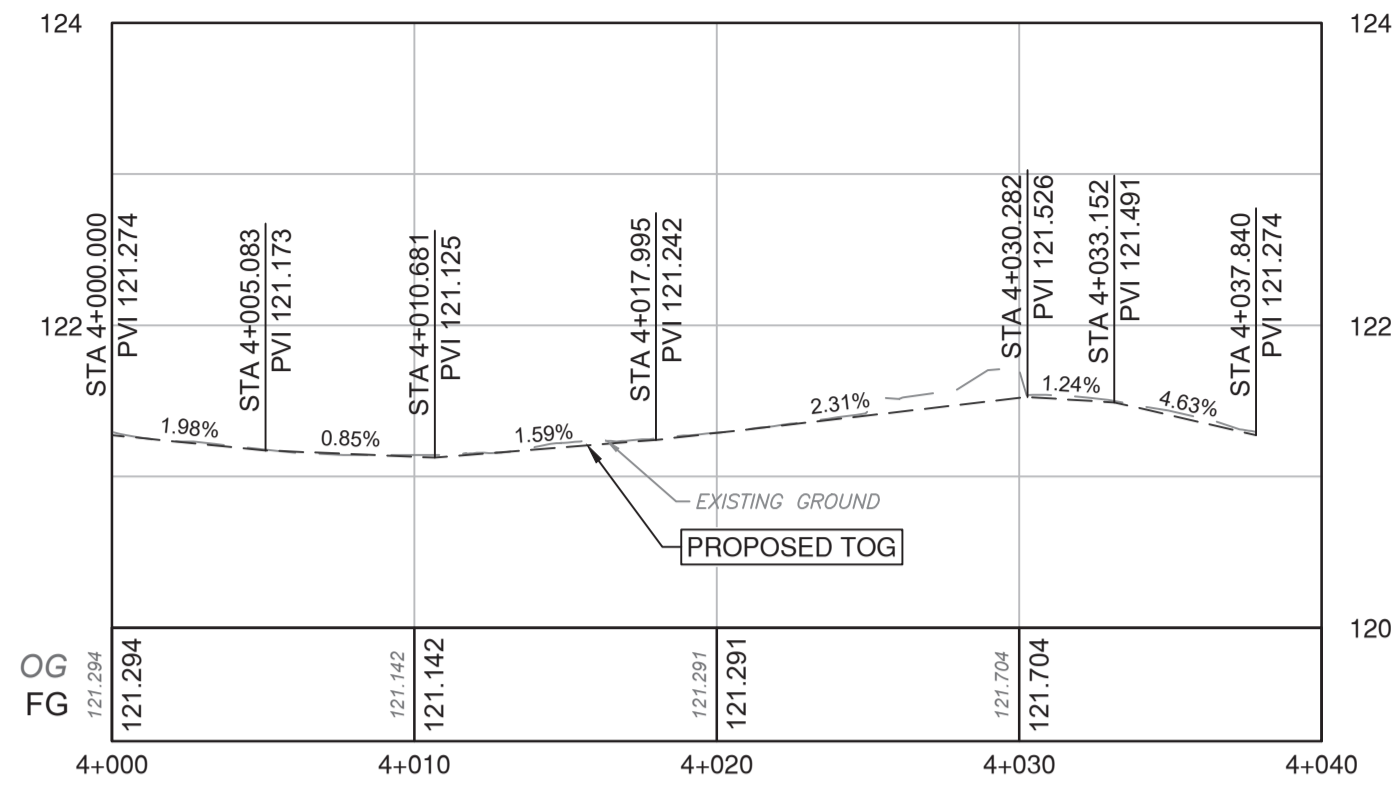
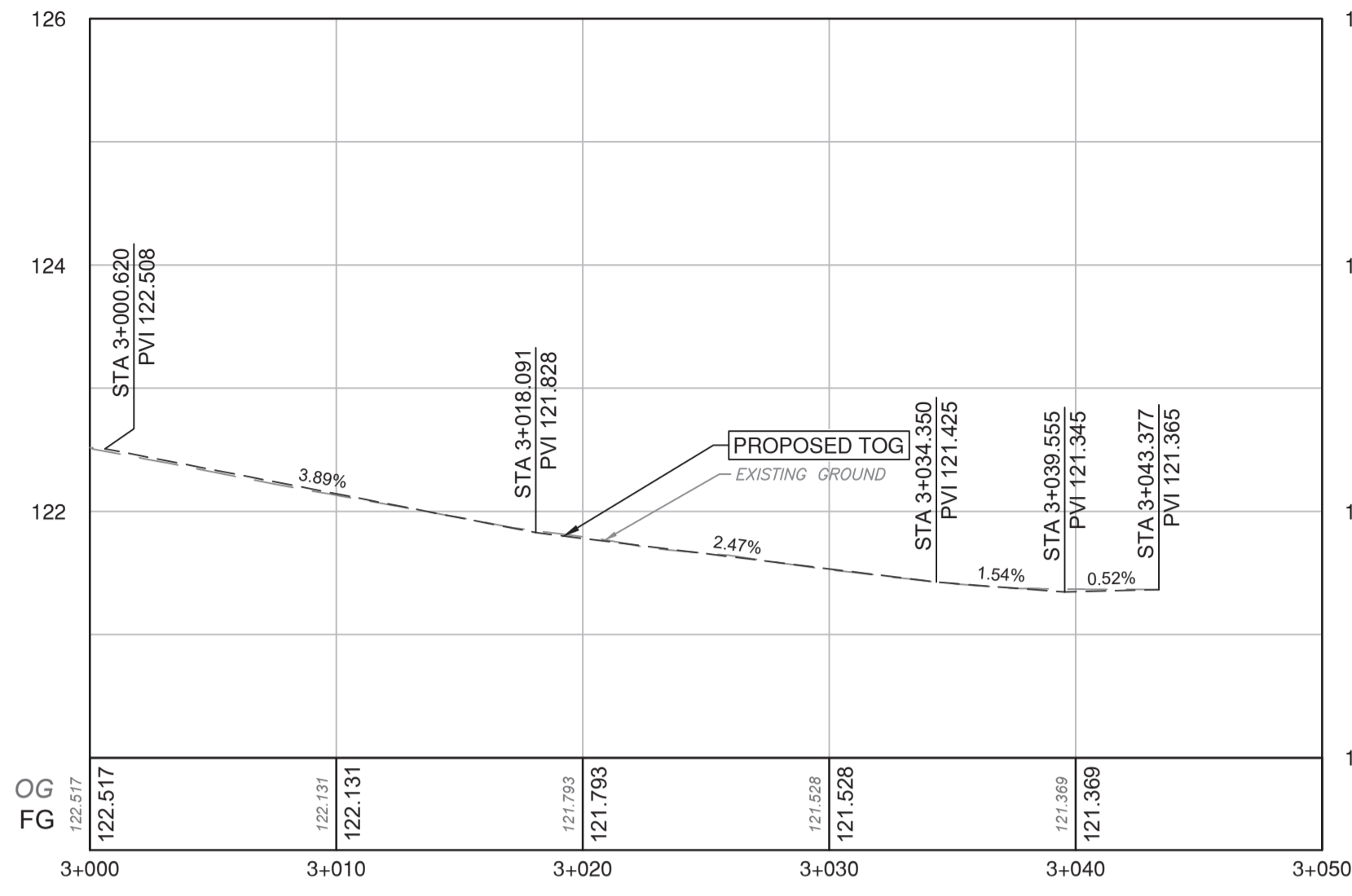
DAVID AVE & JOHNSON ST - GRADING PLAN  
2026 ROAD SAFETY IMPROVEMENTS



| SCALE      | 1:250         | CREATION DATE | 2026-04-08 | DWG. NO. |
|------------|---------------|---------------|------------|----------|
| DRAWN BY   | CD            | DESIGN BY     | CD/CJB     | 09       |
| CHECKED BY | CJB           | APPROVED BY   | CJB        | 10       |
| PLOT DATE  | April 8, 2026 |               |            | REV. C   |

File: Z:\Share\Projects\34492\34492\_2026\_Road\_Safety\_Improvements\2\_CADD\20\_Drilling\202\_Production\34492\_SH\_Grading.dwg

File: Z:\Shared\Projects\34000\34400\34402\_COO\_2026\_Road\_Safety\_Improvements\02\_CADD\20\_Drafting\202\_Production\34402\_SHT\_Grading.dwg



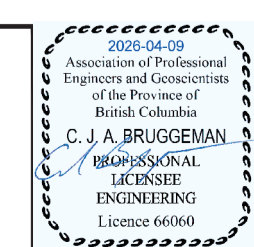
PROFILE VIEW  
SCALE: 1:250 AT 5V:1H

| REV NO. | REVISION DESCRIPTION | DATE       | DRAWN | APPRD |
|---------|----------------------|------------|-------|-------|
| A       | PRELIMINARY DESIGN   | 2026/01/30 | GA/EH | CJB   |
| B       | DETAILED DESIGN      | 2026/03/11 | CD    | CJB   |
| C       | ISSUED FOR TENDER    | 2026/04/08 | CD    | CJB   |



## JOHNSON ST AND DAVID AVE - CURB RETURNS

### 2026 ROAD SAFETY IMPROVEMENTS



ISSUED FOR TENDER



|            |               |               |            |          |    |
|------------|---------------|---------------|------------|----------|----|
| SCALE      | 1:250         | CREATION DATE | 2026-04-08 | DWG. NO. | 10 |
| DRAWN BY   | CD            | DESIGN BY     | CD/CJB     | OF       | 10 |
| CHECKED BY | CJB           | APPROVED BY   | CJB        | REV.     | C  |
| PLOT DATE  | April 8, 2026 |               |            |          |    |



34492

#201, 3999 Herring Drive, Burnaby, B.C. V5C 6P9  
T: (604) 299-2696 F: (604) 299-2698



**INTERCEPT & REROUTE:** EXISTING CONDUIT TO NEW JUNCTION BOX  
**PULLBACK:** EXISTING CONDUCTORS  
**REINSTATE:**  
 1-19C SIGNAL CABLE POST 1  
 2 No.6 RW90 ST. LTG.  
 1 No.8 RW90 BOND  
**PROVIDE:**  
 2 No.14 RW90 BIKE BUTTON

**MODIFY:** TRAFFIC SIGNAL POST REFER TO ELEVATIONS FOR DETAILS.

1-53mm RPVC  
 1-19C SIGNAL CABLE POLE 8  
 1 CX-910 COAXIAL EMTRAC CABLE  
 4-2c No.18 SHIELDED DET. LOOPS  
 3 No.6 RW90 ST. LTG.  
 1 No.8 RW90 BOND

1-53mm RPVC  
 1-19C SIGNAL CABLE POLE 8  
 1 CX-910 COAXIAL EMTRAC CABLE  
 3 No.6 RW90 ST. LTG.  
 1 No.8 RW90 BOND

1-78mm RPVC COMM  
 1-FIBRE OPTIC COMMUNICATIONS CABLE (TO PARKWAY CONTROLLER CABINET)

1-53mm RPVC  
 1-19C SIGNAL CABLE POST 1  
 2 No.6 RW90 ST. LTG.  
 6-2c No.18 SHIELDED DET. LOOP  
 1 No.8 RW90 BOND  
**REMOVE:** 6-2c No.18 SHIELDED DET. LOOP  
**PROVIDE:** 6-2c No.18 SHIELDED DET. LOOP

**OVERBUILD:** EXISTING JUNCTION BOX WITH NEW JUNCTION BOX.  
 1-78mm RPVC  
 1-FIBRE OPTIC COMMUNICATIONS CABLE (PULL BOX TO CONTROLLER CABINET)

1-78mm RPVC  
 1-19C SIGNAL CABLE POST 1  
 1-7C SIGNAL CABLE POLE 2  
 2 No.8 RW90 CONTROLLER POWER  
 1 No.8 RW90 BOND

1-78mm RPVC  
 1-19C SIGNAL CABLE POST 3  
 1-19C SIGNAL CABLE POST 5  
 1-19C SIGNAL CABLE POLE 4  
 1 No.8 RW90 BOND

1-78mm RPVC  
 1-7C SIGNAL CABLE POLE 6  
 1-19C SIGNAL CABLE POST 7  
 1-19C SIGNAL CABLE POLE 4  
 1 No.8 RW90 BOND

1-78mm RPVC  
 24-2C No.18 SHIELDED DET. LOOPS  
 1 CX-910 COAXIAL EMTRAC CABLE  
 1 No.12 RW90 BOND  
**REMOVE:** 6-2c No.18 SHIELDED DET. LOOP  
**PROVIDE:** 6-2c No.18 SHIELDED DET. LOOP

**PROVIDE:**  
 1-35mm RPVC  
 2 No.14 RW90 BIKE BUTTON  
 1 No.8 RW90 BOND

**RELOCATE:** EXISTING CYCLIST PUSHBUTTON POST  
 1-53mm RPVC  
 1-7C SIGNAL CABLE POLE 2  
 1-19C SIGNAL CABLE POST 3  
 1-19C SIGNAL CABLE POLE 4  
 3 No.6 RW90 ST. LTG.  
 1 No.8 RW90 BOND

**MODIFY:** EXISTING COMBINATION TRAFFIC SIGNAL POLE. REFER TO ELEVATIONS FOR DETAILS.

1-53mm RPVC  
 1-7C SIGNAL CABLE POLE 2  
 3 No.6 RW90 ST. LTG.  
 1 No.8 RW90 BOND

**TRAFFIC SIGNAL NOTES**

1. ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE (IN ORDER OF PRECEDENCE) WITH THE SUPPLEMENTAL SPECIFICATIONS, MASTER MUNICIPAL CONSTRUCTION DOCUMENT, 2019 ISSUE AND THE CURRENT MOTT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION UNLESS OTHERWISE NOTED ON DESIGN DRAWINGS.
2. EMPTY CONDUITS SHALL HAVE A No. 8 HB POLY YELLOW/GRN Mk. PULL STRING AND CAPPED AT BOTH ENDS AS PER COQUITLAM SUPPLEMENTARY DRAWING SS-E2.5
3. EQUIPMENT MODELS SPECIFIED SHALL BE CONFIRMED WITH THE CITY IMMEDIATELY PRIOR TO THEIR PURCHASE TO ENSURE THAT THEY ARE CORRECT AND CURRENT. CUTSHEETS, EQUIPMENT, MAKE, MODEL & SERIAL LIST TO BE PROVIDED FOR EACH SIGNAL LOCATION.
4. ALL CONDUITS ENTERING POLES AND CABINETS SHALL BE SEALED WITH "DUCT SEAL".
5. CONTRACTOR IS REQUIRED TO PROVIDE 72 HOURS NOTICE PRIOR TO ANY CONSTRUCTION.
6. TRAFFIC CONTROL IS REQUIRED TO CITY STANDARDS. (M.o.T.)
7. INSTALL BELL END FITTING ON ALL CONDUITS ENTERING JUNCTION BOXES.
8. INSTALL HANGER BAR & TY-RAP WIRES TO BAR IN JUNCTION BOXES AS PER MMCD DRAWING COQUITLAM SUPPLEMENTARY DRAWING SS-E2.5
9. ALL CONDUITS SHALL BE BURIED MINIMUM 600mm DEEP. A 'BURIED CABLE' MARKER TAPE SHALL BE INSTALLED 300mm ABOVE CONDUIT IN ALL TRENCHES. DETECTABLE (METALLIC) TAPE TO BE USED ABOVE CONDUIT IN TRENCHES CONTAINING ONLY INTERCONNECT CONDUIT.
10. CONTRACTOR SHALL REPLACE ALL ASPHALT, CONCRETE SIDEWALKS, LANDSCAPING AND WHEELCHAIR RAMPS REMOVED FOR THE INSTALLATION OF THE SIGNAL AND COMM EQUIPMENT, AND RESTORE TO THE SAME OR BETTER CONDITION.
11. ALL ELECTRICAL PRODUCTS SHALL BEAR CSA/ETC APPROVALS OR BC ELECTRICAL INSPECTION PRIOR TO INSTALLATION.
12. JUNCTION BOXES FOR ELECTRICAL APPLICATIONS (TRAFFIC SIGNALS, STREET LIGHTING, ETC.) - THE LIDS SHOULD BE ETCHED ELEC. JUNCTION BOXES FOR COMMUNICATIONS - THE LIDS SHOULD BE ETCHED COMM, ALL UPPERCASE LETTERS.
13. BOTTOM OF JUNCTION BOXES SHALL BE OPEN. BOTTOM SECTIONS SHALL BE SUPPORTED WITH CONCRETE BRICKS AND USE CRUSHED GRAVEL TO DRAIN WATER.
14. ALL BOLT DOWN JUNCTION BOX LIDS SHALL BE TIER 15 (20K) RATED.
15. ALL POLES AND ARMS SHALL BE GALVANIZED AND POWDER COATED GREEN, RAL 6028.

**INTERSECTION DESIGN CRITERIA**

| INTERSECTION (NAME)                 | JOHNSON STREET   | DAVID AVENUE      |
|-------------------------------------|------------------|-------------------|
| LAND USE CLASSIFICATION             | RESIDENTIAL      | RESIDENTIAL       |
| ROAD CLASSIFICATION AND ROAD WIDTH  | ARTERIAL - 22.0m | ARTERIAL - 22.0m  |
| PEDESTRIAN ACTIVITY LEVEL           |                  | MEDIUM            |
| ILLUMINANCE RECOMMENDED/DELIVERED   | 26.0 LUX         | 31.2 LUX          |
| UNIFORMITY RECOMMENDED/DELIVERED    | 3.0:1            | 2.4:1             |
| LIGHT LOSS FACTOR                   |                  | 0.84              |
| SPACING                             |                  | AS SHOWN          |
| <b>EQUIPMENT:</b>                   |                  |                   |
| FIXTURE TYPE: LED                   | WATTAGE: 100W    | MTG. HEIGHT: 10.5 |
| IES FILE: NKT-72-0-X-4-XX-3-XX-XX-X |                  | DIST TYPE: 2ES    |
| FIXTURE TYPE: LED                   | WATTAGE: 158W    | MTG. HEIGHT: 9.0m |
| IES FILE: NKT-72-0-X-7-XX-3-XX-XX-X |                  | DIST TYPE: 2ES    |

\*\* BASED ON A 20-YEAR FIXTURE LIFE AND 10 YEAR CLEANING CYCLE

**INTERCEPT & REROUTE:** EXISTING CONDUIT TO NEW JUNCTION BOX  
**PULLBACK:** EXISTING CONDUCTORS  
**REINSTATE:** 1-19C SIGNAL CABLE POST 7  
 2 No.6 RW90 ST. LTG.  
 1 No.8 RW90 BOND

**OVERBUILD:** EXISTING JUNCTION BOX WITH NEW JUNCTION BOX.  
 1-78mm RPVC  
 1-FIBRE OPTIC COMMUNICATIONS CABLE

1-53mm RPVC  
 1-7C SIGNAL CABLE POLE 6  
 3 No.6 RW90 ST. LTG.  
 1 No.8 RW90 BOND

**MODIFY:** EXISTING COMBINATION TRAFFIC SIGNAL POLE. REFER TO ELEVATIONS FOR DETAILS.  
 1-53mm RPVC  
 1-19C SIGNAL CABLE POST 5  
 3 No.6 RW90 ST. LTG.  
 1 No.8 RW90 BOND

**RELOCATE:** EXISTING CYCLIST PUSHBUTTON POST  
**PROVIDE:**  
 1-35mm RPVC  
 2 No.14 RW90 BIKE BUTTON  
 1 No.8 RW90 BOND

**INTERCEPT & REROUTE:** EXISTING CONDUIT TO NEW JUNCTION BOX  
**PULLBACK:** EXISTING CONDUCTORS  
**REINSTATE:**  
 1-19C SIGNAL CABLE POST 5  
 2 No.6 RW90 ST. LTG.  
 1 No.8 RW90 BOND  
**PROVIDE:**  
 2 No.14 RW90 BIKE BUTTON

**MODIFY:** TRAFFIC SIGNAL POST REFER TO ELEVATIONS FOR DETAILS.  
 1-53mm RPVC  
 1-19C SIGNAL CABLE POST 5  
 2 No.6 RW90 ST. LTG.  
 4-2c No.18 SHIELDED DET. LOOPS  
 1 No.8 RW90 BOND

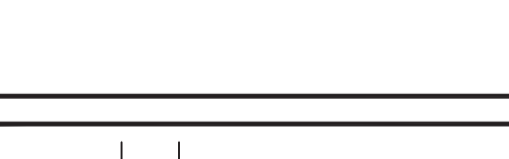
1-78mm RPVC  
 1-FIBRE OPTIC COMMUNICATIONS CABLE

Benchmark:

**MODIFY:** TRAFFIC SIGNAL POST REFER TO ELEVATIONS FOR DETAILS.

1-53mm RPVC  
 1-19C SIGNAL CABLE POST 5  
 2 No.6 RW90 ST. LTG.  
 4-2c No.18 SHIELDED DET. LOOPS  
 1 No.8 RW90 BOND

1-78mm RPVC  
 1-FIBRE OPTIC COMMUNICATIONS CABLE



| No. | Date       | By | Revisions              |
|-----|------------|----|------------------------|
| 2   | 2026-04-09 | TP | ISSUED FOR TENDER      |
| 1   | 2026-04-07 | TP | 90% SUBMISSION         |
|     | 2026-03-13 | TP | PRELIMINARY SUBMISSION |

ACCEPTED FOR CONSTRUCTION  
 Date: \_\_\_\_\_  
 Manager of Development Servicing



PERMIT TO PRACTICE  
 Signature: \_\_\_\_\_  
 Date: 2026-04-09  
 PERMIT NUMBER: 1000771  
 The Association of Professional Engineers and Geoscientists of British Columbia



| Design by   | Date       | Scale            |
|-------------|------------|------------------|
| TP          | 23-02-2026 | 1:250            |
| Drawn by    | Date       | Sheet of         |
| KH          | 23-02-2026 | 1 OF 2           |
| Checked by  | Date       | Eng. Project No. |
| TP          | 23-02-2026 |                  |
| Approved by | Date       |                  |
| MN          | 23-02-2026 |                  |



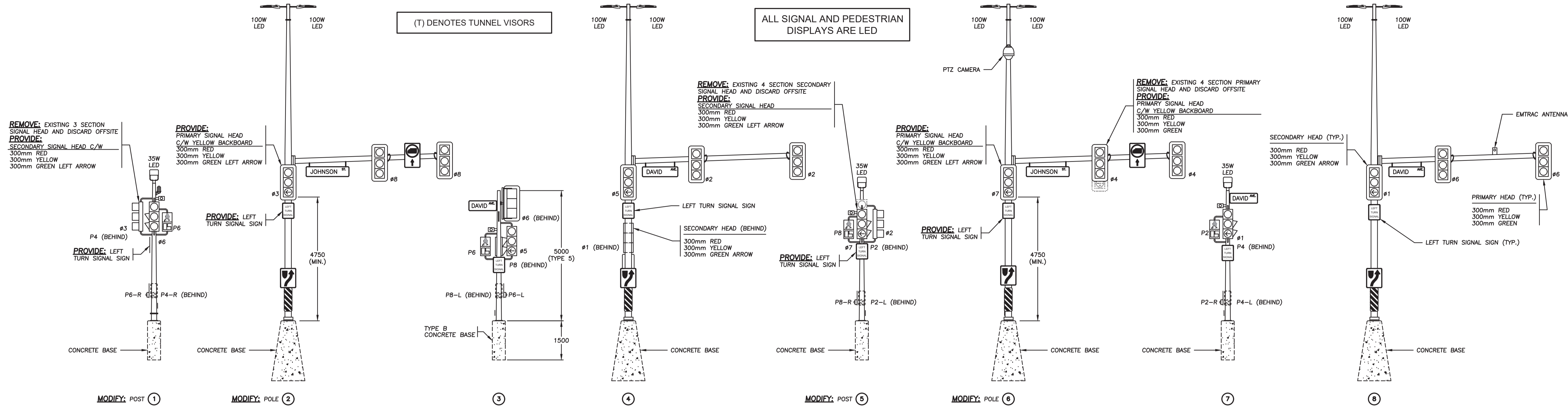
COQ. ASBULT No. EXXXX

**NOT FOR CONSTRUCTION**  
 2026-04-09

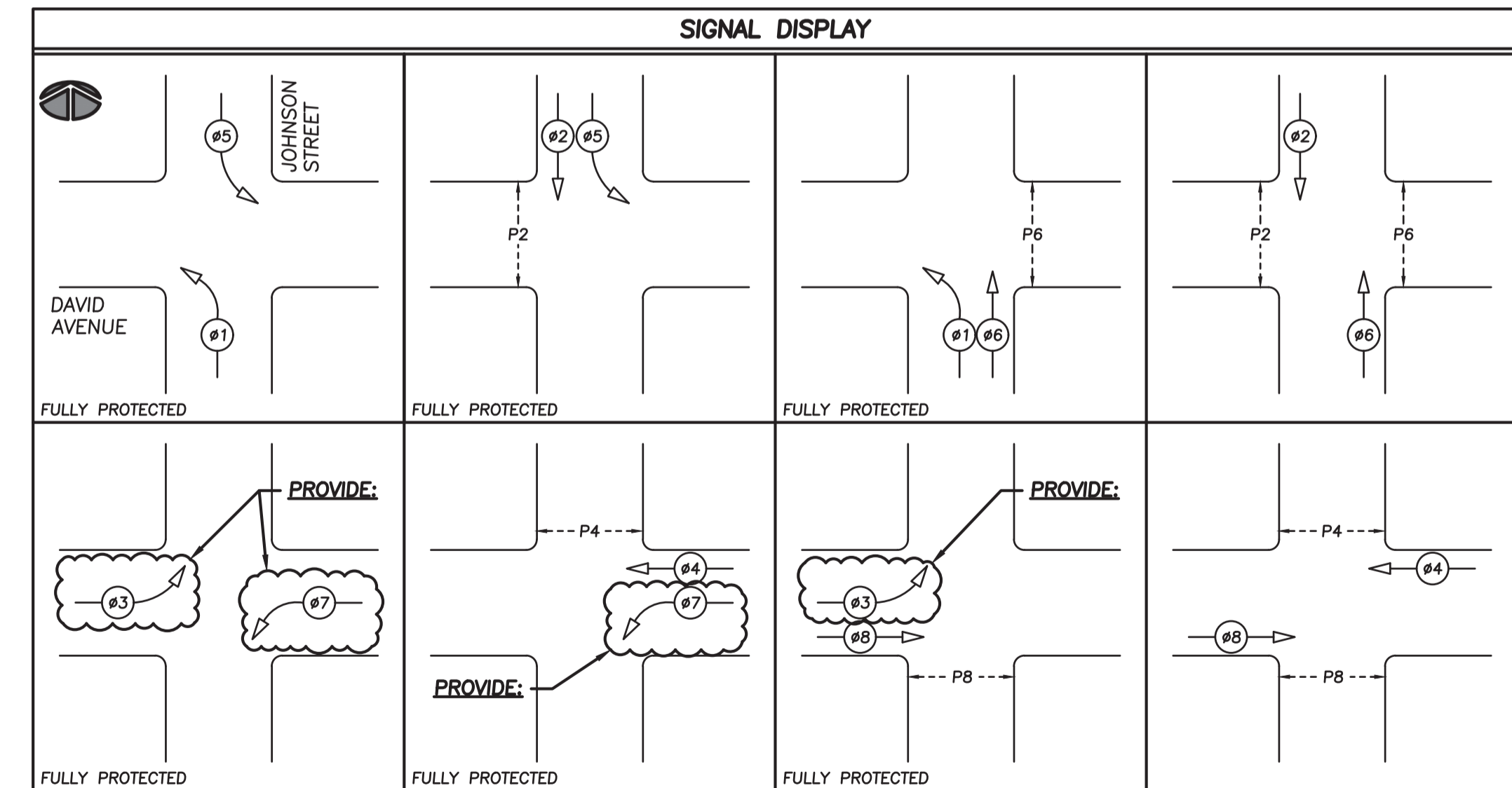
Project: JOHNSON STREET DAVID AVENUE TRAFFIC SIGNAL  
 Description: TRAFFIC SIGNAL  
 File: 8724-26-(DAVID)

Plot Date: April 9, 2026

**DMD & Associates**  
 Electrical Consultants Ltd.  
 #12-11588 1044 Avenue, Surrey, BC, Canada V4N 0A3  
 www.dmdeng.com 604-589-9010  
 office@dmdeng.com Fax 604-589-9012  
 DMD PROJECT No. 8724-26-(DAVID)-01 of 02



MODIFY: SIGNAL PHASING



| CONDUCTOR COLOUR CODE |                                   |   |
|-----------------------|-----------------------------------|---|
| PHASE                 | SIGNAL SECTION                    | COLOUR  |
| #2                    | RED<br>YELLOW<br>GREEN            | RED<br>YELLOW<br>BLUE                                       |
| #4                    | RED<br>YELLOW<br>GREEN            | RED<br>BROWN<br>BLUE  |
| #6                    | RED<br>YELLOW<br>GREEN            | RED<br>YELLOW (RED T.T.)<br>BLUE                            |
| #8                    | RED<br>YELLOW<br>GREEN            | RED<br>BROWN (ORANGE T.T.)<br>BLUE                          |
| #1                    | RED<br>YELLOW<br>GREEN ARROW      | RED (BLUE T.T.)<br>YELLOW (RED T.T.)<br>BLUE (WHITE T.T.)   |
| #3                    | RED<br>YELLOW<br>GREEN ARROW      | RED (BLUE T.T.)<br>BROWN (ORANGE T.T.)<br>BLUE (WHITE T.T.) |
| #5                    | RED<br>YELLOW<br>GREEN ARROW      | RED (BLUE T.T.)<br>YELLOW<br>BLUE (WHITE T.T.)              |
| #7                    | RED<br>YELLOW<br>GREEN ARROW      | RED (BLUE T.T.)<br>BROWN<br>BLUE (WHITE T.T.)               |
| P2                    | DON'T WALK<br>WALK<br>PUSH BUTTON | YELLOW<br>BLUE<br>PURPLE/PURPLE (YELLOW T.T.)               |
| P4                    | DON'T WALK<br>WALK<br>PUSH BUTTON | BROWN<br>BLUE<br>PURPLE/PURPLE (BROWN T.T.)                 |
| P6                    | DON'T WALK<br>WALK<br>PUSH BUTTON | YELLOW (RED T.T.)<br>BLUE<br>PURPLE/PURPLE (RED T.T.)       |
| P8                    | DON'T WALK<br>WALK<br>PUSH BUTTON | BROWN (ORANGE T.T.)<br>BLUE<br>PURPLE/PURPLE (ORANGE T.T.)  |
| DESCRIPTION           | CIRCUITS                          | COLOUR  |
| NEUTRAL               | NEUTRAL                           | WHITE   |
| STREET LIGHTING       | 'R'<br>'B'                        | RED<br>BLACK  |
| TRAFFIC CONTROLLER    | POWER                             | BLACK   |
| GROUND/BOND           | GROUND/BOND                       | GREEN   |

\* CONDUCTORS SHALL BE TYRAPPED BUNDLED AND TAGGED

| DETECTOR LOOP TABLE |      |            |       |            |           |            |            |         |              |
|---------------------|------|------------|-------|------------|-----------|------------|------------|---------|--------------|
| LOOP                |      |            |       | INDUCTANCE |           |            | CONTROLLER |         |              |
| LOOP                | LANE | SIZE       | TURNS | LOOP (μh)  | LEAD (μh) | TOTAL (μh) | PHASE      | CHANNEL | PANEL TERMS. |
| L1                  | WBRL | 1.8m ROUND | 4     | 95         | 14        | 109        | 4          | 1       | 1A, 1B       |
| L2                  | WBRL | 1.8m ROUND | 4     | 95         | 14        | 109        | 4          | 2       | 2A, 2B       |
| L3                  | WBCL | 1.8m ROUND | 4     | 95         | 14        | 109        | 4          | 3       | 3A, 3B       |
| L4                  | WBCL | 1.8m ROUND | 4     | 95         | 14        | 109        | 4          | 4       | 4A, 4B       |
| L5                  | WBLT | 1.8m ROUND | 4     | 95         | 14        | 109        | 7          | 5       | 5A, 5B       |
| L6                  | WBLT | 1.8m ROUND | 4     | 95         | 14        | 109        | 7          | 6       | 6A, 6B       |
| L7                  | NBRL | 1.8m ROUND | 4     | 95         | 39        | 134        | 6          | 7       | 7A, 7B       |
| L8                  | NBCL | 1.8m ROUND | 4     | 95         | 39        | 134        | 6          | 8       | 8A, 8B       |
| L9                  | NBLT | 1.8m ROUND | 4     | 95         | 39        | 134        | 1          | 9       | 9A, 9B       |
| L10                 | NBLT | 1.8m ROUND | 4     | 95         | 39        | 134        | 1          | 10      | 10A, 10B     |
| L11                 | EBRL | 1.8m ROUND | 5     | 140        | 66        | 206        | 8          | 11      | 11A, 11B     |
| L12                 | EBRL | 1.8m ROUND | 5     | 140        | 66        | 206        | 8          | 12      | 12A, 12B     |
| L13                 | EBCL | 1.8m ROUND | 5     | 140        | 66        | 206        | 8          | 13      | 13A, 13B     |
| L14                 | EBCL | 1.8m ROUND | 5     | 140        | 66        | 206        | 8          | 14      | 14A, 14B     |
| L15                 | EBLT | 1.8m ROUND | 5     | 140        | 66        | 206        | 3          | 15      | 15A, 15B     |
| L16                 | EBLT | 1.8m ROUND | 5     | 140        | 66        | 206        | 3          | 16      | 16A, 16B     |
| L17                 | SBRL | 1.8m ROUND | 4     | 95         | 17        | 112        | 2          | 17      | 17A, 17B     |
| L18                 | SBCL | 1.8m ROUND | 4     | 95         | 17        | 112        | 2          | 18      | 18A, 18B     |
| L19                 | SBLT | 1.8m ROUND | 4     | 95         | 17        | 112        | 5          | 19      | 19A, 19B     |
| L20                 | SBLT | 1.8m ROUND | 4     | 95         | 17        | 112        | 5          | 20      | 20A, 20B     |
| L21                 | WBRT | 1.8m ROUND | 4     | 95         | 3         | 98         | COUNT      | 17      | 17A, 17B     |
| L22                 | NBRT | 1.8m ROUND | 4     | 95         | 31        | 126        | COUNT      | 18      | 18A, 18B     |
| L23                 | EBRT | 1.8m ROUND | 4     | 95         | 57        | 152        | COUNT      | 19      | 19A, 19B     |
| L24                 | SBRT | 1.8m ROUND | 4     | 95         | 31        | 126        | COUNT      | 20      | 20A, 20B     |

ALL EQUIPMENT IS EXISTING EXCEPT WHERE NOTED

EXISTING INFORMATION SHOWN WAS TAKEN FROM THE EXISTING CITY AS-BUILT DRAWINGS. DETAILS ON DRAWINGS ONLY SHOW CHANGES REQUIRED AND MAY NOT ACCURATELY REPRESENT WHAT EXISTS IN FIELD

REFER TO THE CITY OF COQUITLAM TRAFFIC SIGNAL APPROVED PRODUCTS LIST FOR ALL EQUIPMENT DETAILS. IF ANYTHING IS NOT LISTED, COORDINATE WITH CITY TRANSPORTATION GROUP.

THE CONTRACTOR SHALL COORDINATE ALL TERMINATION IN THE TRAFFIC CONTROLLER WITH THE CONTRACT ADMINISTRATOR.

THE CITY OF COQUITLAM SHALL BE RESPONSIBLE FOR PROGRAMMING CHANGES TO THE TRAFFIC SIGNAL. CONTRACTOR SHALL PROVIDE THE CITY 3 WEEKS NOTICE IN ADVANCE OF WORK BEING REQUIRED. ALL COST RELATED TO THIS WORK WILL BE BORNE BY THE CITY.



COQ. ASBULT No. EXXXX

NOT FOR CONSTRUCTION 2026-04-09

Benchmark:  
Contractor to contact Telus, BC Hydro, FortisBC and BC one call prior to construction to confirm locations of utilities and appurtenances requiring adjustment.

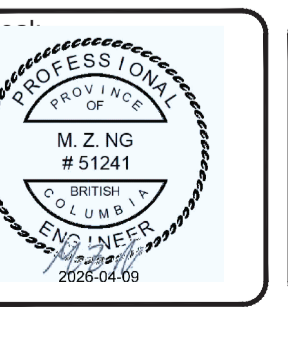
**DMD & Associates**  
Electrical Consultants Ltd.  
#12-11508 1044 Avenue, Surrey, BC, Canada V4N 0A3  
www.dmdeng.com 604-589-9012  
office@dmdeng.com Fax 604-589-9012  
DMD PROJECT No. 8724-26-(DAVID)-02 of 02

| No. | Date       | By | Revisions              |
|-----|------------|----|------------------------|
| 2   | 2026-04-09 | TP | ISSUED FOR TENDER      |
| 1   | 2026-04-07 | TP | 90% SUBMISSION         |
| 1   | 2026-03-13 | TP | PRELIMINARY SUBMISSION |

ACCEPTED FOR CONSTRUCTION  
Date: \_\_\_\_\_  
Manager of Development Servicing

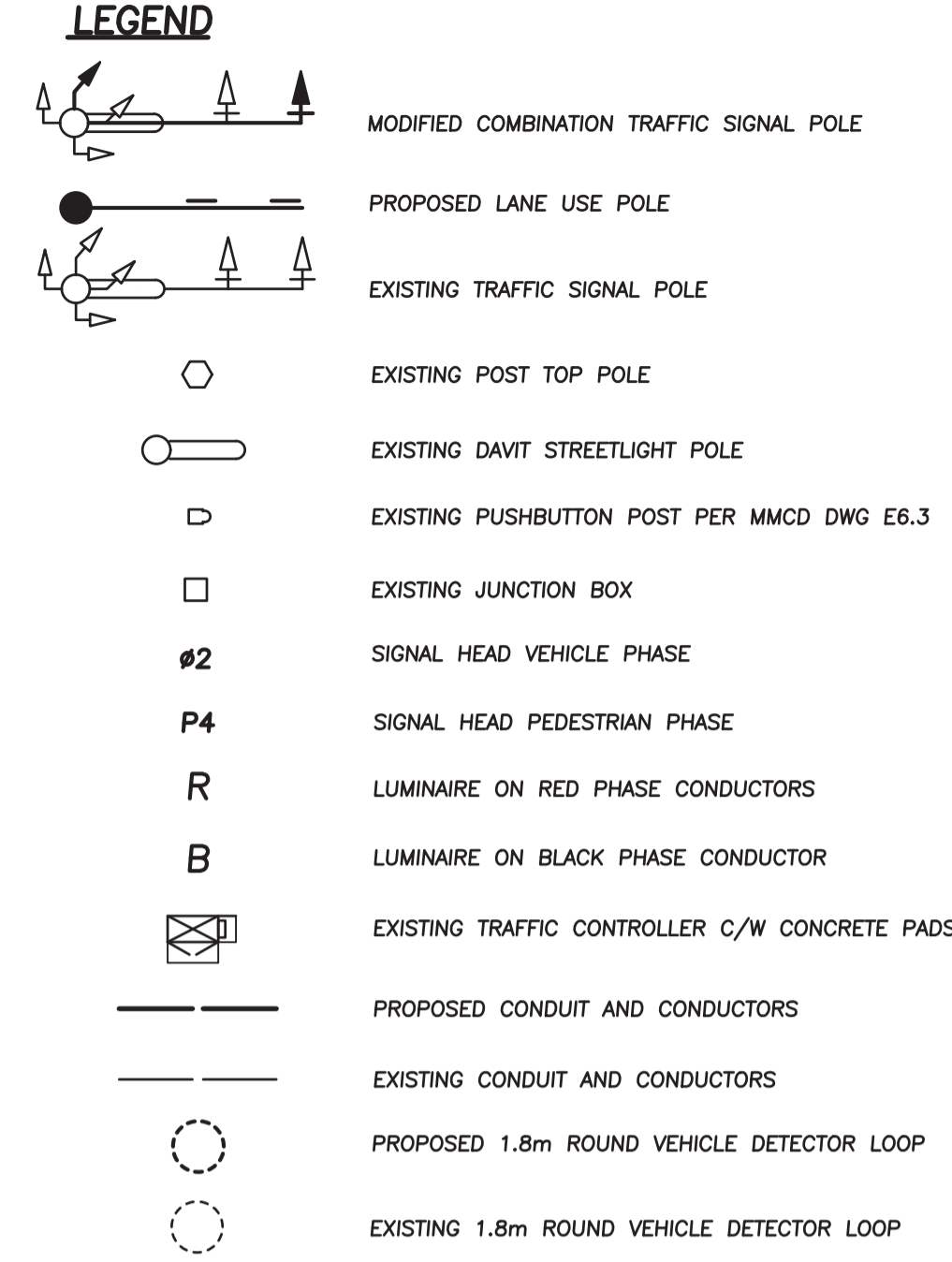
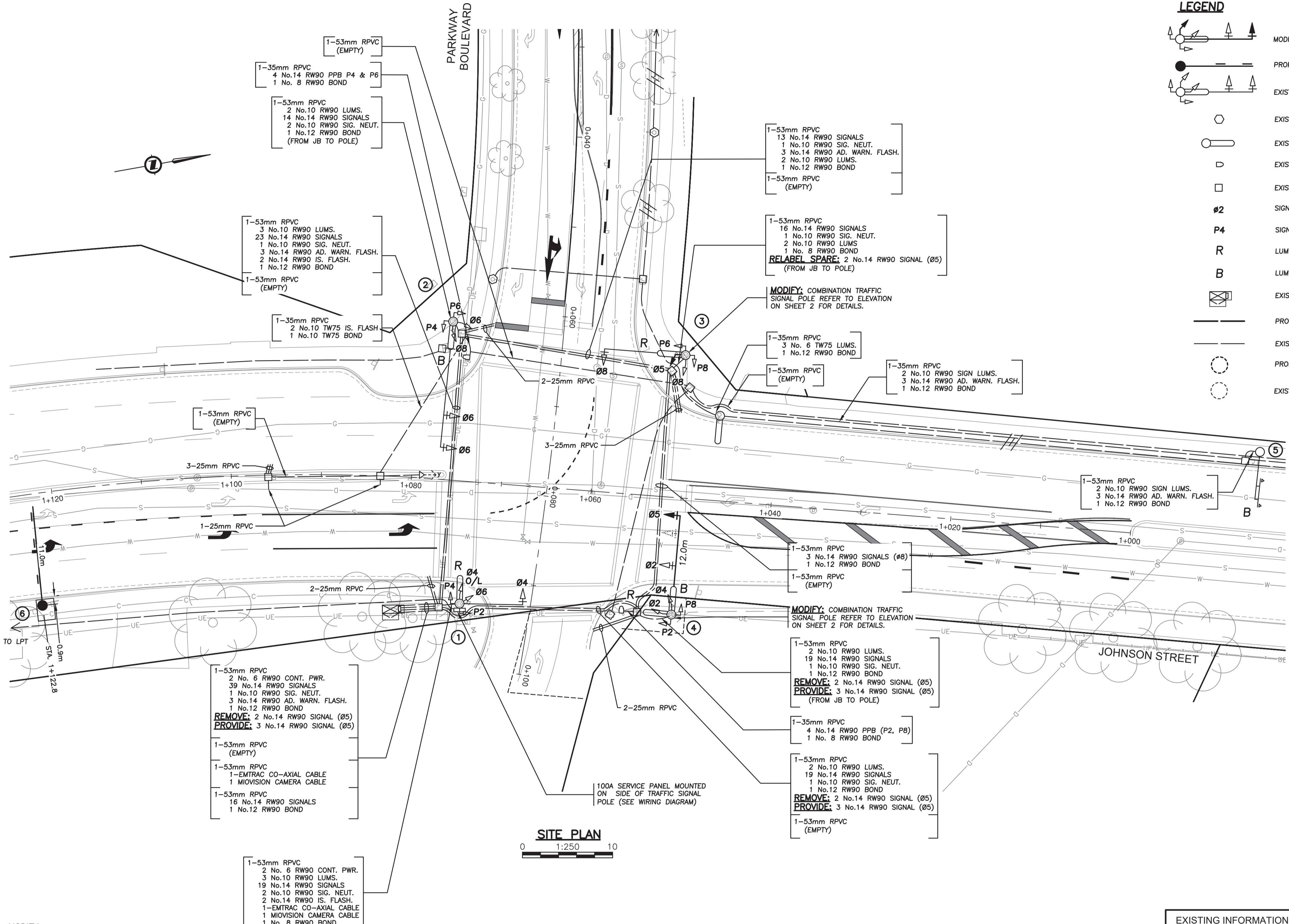
**Coquitlam**  
Engineering & Public Works  
3000 Guildford Way, Coquitlam, B.C. V3B 7N2

PERMIT TO PRACTICE  
Signature: \_\_\_\_\_  
Date: 2026-04-09  
PERMIT NUMBER: 1000771  
The Association of Professional Engineers and Geoscientists of British Columbia



|             |            |                  |
|-------------|------------|------------------|
| Design by   | Date       | Scale            |
| TP          | 23-02-2026 | 1/75             |
| Drawn by    | Date       | Sheet of         |
| KH          | 23-02-2026 | 2 OF 2           |
| Checked by  | Date       | Eng. Project No. |
| TP          | 23-02-2026 |                  |
| Approved by | Date       |                  |
| MN          | 23-02-2026 |                  |

Project: JOHNSON STREET DAVID AVENUE TRAFFIC SIGNAL  
Description: \_\_\_\_\_  
File: 8724-26-(DAVID)



- TRAFFIC SIGNAL NOTES**
1. ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE (IN ORDER OF PRECEDENCE) WITH THE SUPPLEMENTAL SPECIFICATIONS, MASTER MUNICIPAL CONSTRUCTION DOCUMENT, 2019 ISSUE AND THE CURRENT MOTT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION UNLESS OTHERWISE NOTED ON DESIGN DRAWINGS.
  2. EMPTY CONDUITS SHALL HAVE A No. 8 HB POLY YELLOW/GRN MK PULL STRING AND CAPPED AT BOTH ENDS AS PER COQUITLAM SUPPLEMENTARY DRAWING SS-E2.5
  3. EQUIPMENT MODELS SPECIFIED SHALL BE CONFIRMED WITH THE CITY IMMEDIATELY PRIOR TO THEIR PURCHASE TO ENSURE THAT THEY ARE CORRECT AND CURRENT. CUTSHEETS, EQUIPMENT, MAKE, MODEL & SERIAL LIST TO BE PROVIDED FOR EACH SIGNAL LOCATION.
  4. ALL CONDUITS ENTERING POLES AND CABINETS SHALL BE SEALED WITH "DUCT SEAL".
  5. CONTRACTOR IS REQUIRED TO PROVIDE 72 HOURS NOTICE PRIOR TO ANY CONSTRUCTION.
  6. TRAFFIC CONTROL IS REQUIRED TO CITY STANDARDS. (M.o.T.)
  7. INSTALL BELL END FITTING ON ALL CONDUITS ENTERING JUNCTION BOXES.
  8. INSTALL HANGER BAR & TY-RAP WIRES TO BAR IN JUNCTION BOXES AS PER MMCD DRAWING COQUITLAM SUPPLEMENTARY DRAWING SS-E2.5
  9. ALL CONDUITS SHALL BE BURIED MINIMUM 600mm DEEP. A "BURIED CABLE" MARKER TAPE SHALL BE INSTALLED 300mm ABOVE CONDUIT IN ALL TRENCHES. DETECTABLE (METALLIC) TAPE TO BE USED ABOVE CONDUIT IN TRENCHES CONTAINING ONLY INTERCONNECT CONDUIT.
  10. CONTRACTOR SHALL REPLACE ALL ASPHALT, CONCRETE SIDEWALKS, LANDSCAPING AND WHEELCHAIR RAMP REMOVED FOR THE INSTALLATION OF THE SIGNAL AND COMM EQUIPMENT, AND RESTORE TO THE SAME OR BETTER CONDITION.
  11. ALL ELECTRICAL PRODUCTS SHALL BEAR CSA/ETC APPROVALS OR BC ELECTRICAL INSPECTION PRIOR TO INSTALLATION.
  12. JUNCTION BOXES FOR ELECTRICAL APPLICATIONS (TRAFFIC SIGNALS, STREET LIGHTING, ETC.) - THE LIDS SHOULD BE ETCHED ELEC, JUNCTION BOXES FOR COMMUNICATIONS - THE LIDS SHOULD BE ETCHED COMM, ALL UPPERCASE LETTERS.
  13. BOTTOM OF JUNCTION BOXES SHALL BE OPEN. BOTTOM SECTIONS SHALL BE SUPPORTED WITH CONCRETE BRICKS AND USE CRUSHED GRAVEL TO DRAIN WATER.
  14. ALL BOLT DOWN JUNCTION BOX LIDS SHALL BE TIER 15 (20K) RATED.
  15. ALL POLES AND ARMS SHALL BE GALVANIZED AND POWDER COATED GREEN, RAL 6028.

**NOT FOR CONSTRUCTION**  
2026-04-09

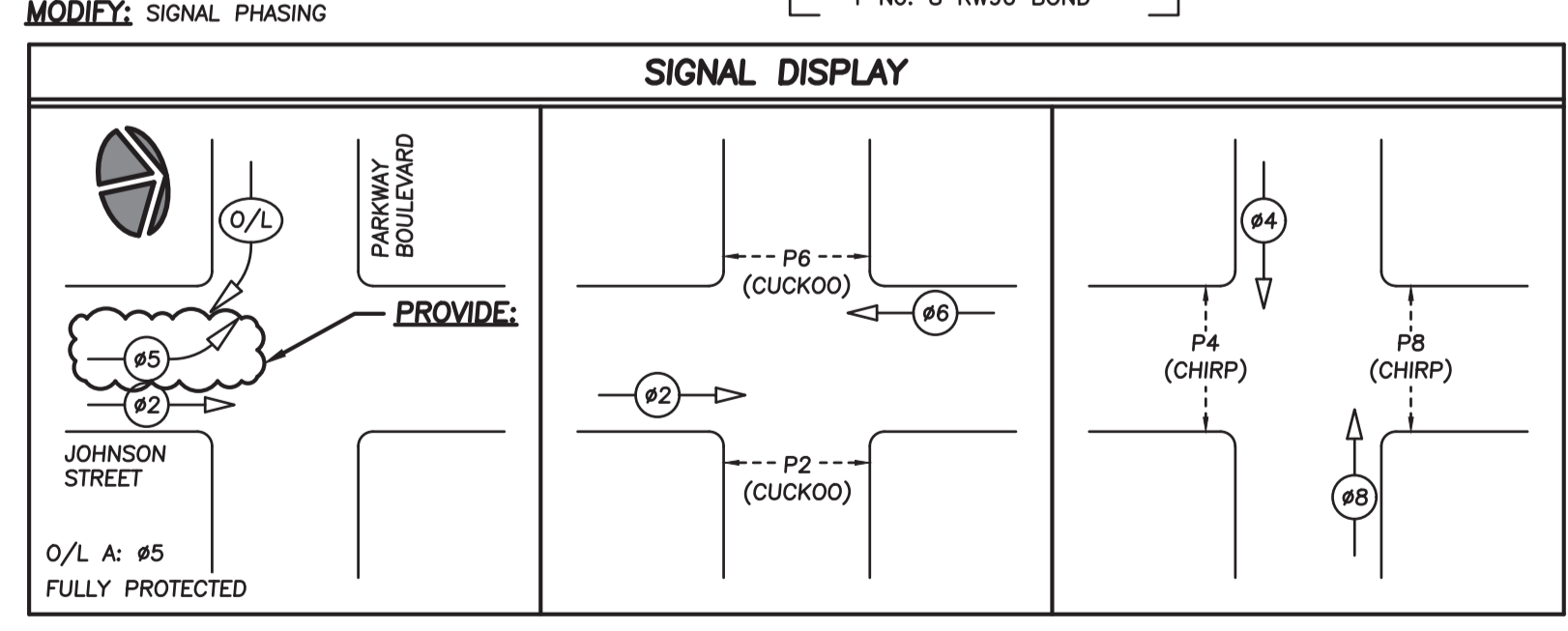
EXISTING STREET LIGHTING SHALL REMAIN IN OPERATION THROUGHOUT CONSTRUCTION. IF TRAFFIC SIGNAL DE-ENERGIZATION IS REQUIRED CONTRACTOR SHALL ENSURE FULL-TIME FLAGGING IS USED DURING ANY TRAFFIC SIGNAL DOWNTIME.

**CAUTION!**  
**EXCAVATION NEAR OVERHEAD UTILITY POLE**  
ANY UNDERGROUND EXCAVATION WITHIN SOIL FOUNDATION INTERACTION AREA REQUIRES TEMPORARY UTILITY POLE SUPPORT. REFER TO ES55 E3-04 GUIDE FOR CIVIL EXCAVATION NEAR DISTRIBUTION POLES FOR DETAILS. REFER TO BC HYDRO WORK ON WOOD POLES MANUAL (ON SAFEHUB) AND BC HYDRO 2017-1-F POLE HOLDING REQUIREMENTS FOR APPROVED TEMPORARY POLE SUPPORT METHODS. FOR MORE INFORMATION CONTACT [workmethods@bchydro.com](mailto:workmethods@bchydro.com)

**LOCATING EQUIPMENT**  
FOR CLARITY CONDUITS, JUNCTION BOXES AND STREETLIGHT POLES MAY NOT BE SHOWN AT DESIGN OFFSETS. CONTRACTOR SHALL LOCATE ALL EQUIPMENT BASED ON STATIONS AND/OR OFFSETS AS NOTED AND SHALL NOT RELY ON COORDINATES OBTAINED FROM DMD DIGITAL DRAWINGS. CONTRACTOR TO REPORT ANY CONFLICTS OR DISCREPANCIES TO DMD & ASSOCIATES PRIOR TO ORDERING EQUIPMENT.

**CHECK BEFORE YOU DIG**  
CONTRACTOR SHALL REFER TO MUNICIPAL RECORD / CIVIL DESIGN DRAWINGS FOR ALL OTHER UTILITIES, SERVICE LOCATIONS, AND DETAILS. THE EXACT LOCATION OF THESE UTILITIES SHALL BE DETERMINED ON SITE BY THE CONTRACTOR. CONTRACTOR TO REPORT ANY CONFLICTS OR DISCREPANCIES TO DMD & ASSOCIATES PRIOR TO ORDERING BASES.

**OVERHEAD POWER LINE CONFLICTS**  
CONTRACTOR SHALL CONFIRM ON SITE PRIOR TO CONSTRUCTION THAT POLES & EQUIPMENT WILL MEET WorkSafeBC CLEARANCE REQUIREMENTS FOR OVERHEAD PRIMARY AND SECONDARY LINES. CONTRACTOR TO REPORT ANY CONFLICTS OR DISCREPANCIES TO DMD & ASSOCIATES PRIOR TO ORDERING POLES AND INSTALLING CONCRETE BASES.



**INTERSECTION DESIGN CRITERIA**

| INTERSECTION (NAME)                 | JOHNSON STREET   | PARKWAY BOULEVARD       |
|-------------------------------------|------------------|-------------------------|
| LAND USE CLASSIFICATION             | RESIDENTIAL      |                         |
| ROAD CLASSIFICATION AND ROAD WIDTH  | ARTERIAL - 20.2m | LOCAL - 14.8m           |
| PEDESTRIAN ACTIVITY LEVEL           |                  | MEDIUM                  |
| ILLUMINANCE RECOMMENDED/DELIVERED   | 20.0 LUX         | 26.5 LUX                |
| UNIFORMITY RECOMMENDED/DELIVERED    | 3.0:1            | 2.0:1                   |
| LIGHT LOSS FACTOR                   |                  | 0.84                    |
| SPACING                             |                  | AS SHOWN                |
| <b>EQUIPMENT:</b>                   |                  |                         |
| FIXTURE TYPE: LED                   | WATTAGE: 68W     | MTG. HEIGHT: 9.5m/11.0m |
| IES FILE: NXT-48-0-X-4-XX-3-XX-XX-X |                  | DIST TYPE: 3HB          |
| FIXTURE TYPE: LED                   | WATTAGE: 135W    | MTG. HEIGHT: 9.0m       |
| IES FILE: NXT-72-0-X-6-XX-3-XX-XX-X |                  | DIST TYPE: 2ES          |

\*\* BASED ON A 20-YEAR FIXTURE LIFE AND 10 YEAR CLEANING CYCLE

EXISTING INFORMATION SHOWN WAS TAKEN FROM THE EXISTING CITY AS-BUILT DRAWINGS. DETAILS ON DRAWINGS ONLY SHOW CHANGES REQUIRED AND MAY NOT ACCURATELY REPRESENT WHAT EXISTS IN FIELD

REFER TO THE CITY OF COQUITLAM TRAFFIC SIGNAL APPROVED PRODUCTS LIST FOR ALL EQUIPMENT DETAILS. IF ANYTHING IS NOT LISTED, COORDINATE WITH CITY TRANSPORTATION GROUP.

THE CONTRACTOR SHALL COORDINATE ALL TERMINATION IN THE TRAFFIC CONTROLLER WITH THE CONTRACT ADMINISTRATOR.

THE CITY OF COQUITLAM SHALL BE RESPONSIBLE FOR PROGRAMMING CHANGES TO THE TRAFFIC SIGNAL. CONTRACTOR SHALL PROVIDE THE CITY 3 WEEKS NOTICE IN ADVANCE OF WORK BEING REQUIRED. ALL COST RELATED TO THIS WORK WILL BE BORNE BY THE CITY.

BC CALL BEFORE YOU DIG  
1-800-474-6886  
or by CELLULAR #888 Vancouver Area 257-8400  
CALL AT LEAST TWO FULL WORKING DAYS BEFORE YOU PLAN TO DIG

COQ. ASBULT No. **EXXXX**

Benchmark:  
Contractor to contact Telus, BC Hydro, FortisBC and BC one call prior to construction to confirm locations of utilities and appurtenances requiring adjustment.

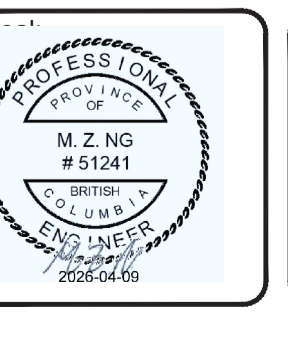
**DMD & Associates**  
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#12-17588 104th Avenue, Surrey, BC, Canada V4N 0G3  
www.dmdeng.com Fax 604-589-9012  
offices@dmdeng.com Fax 604-589-9012  
DMD PROJECT No. 8724-26-(PARKWAY)-01 of 02

| No. | Date       | By | Revisions         |
|-----|------------|----|-------------------|
| 1   | 2026-04-09 | TP | ISSUED FOR TENDER |
|     | 2026-04-07 | TP | 90% SUBMISSION    |

ACCEPTED FOR CONSTRUCTION  
Date: \_\_\_\_\_  
Manager of Development Servicing

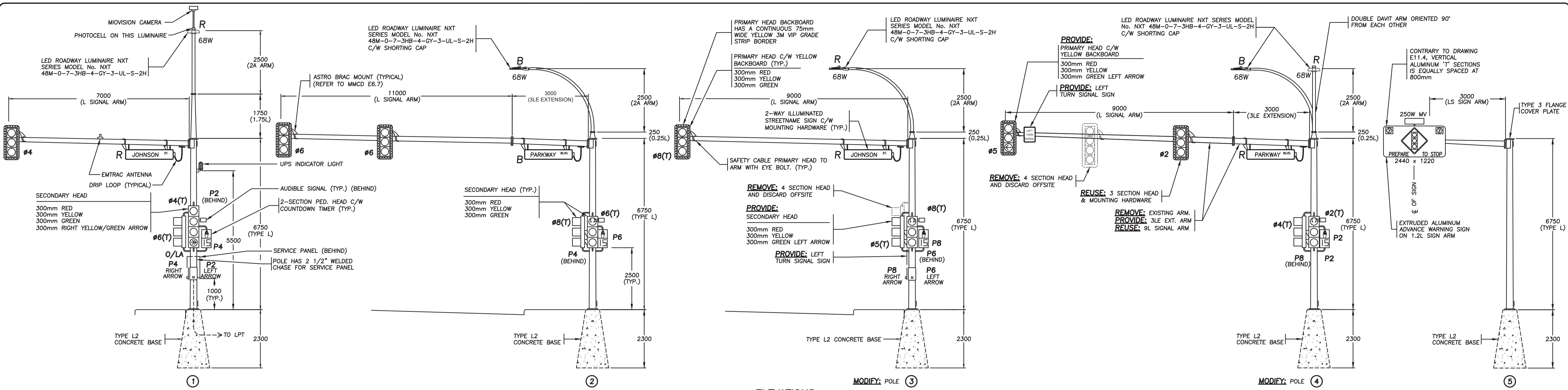
**Coquitlam**  
Engineering & Public Works  
3000 Guildford Way, Coquitlam, B.C. V3B 7N2

**PERMIT TO PRACTICE**  
Signature: *Michael My*  
Date: 2026-04-09  
PERMIT NUMBER: 1000771  
The Association of Professional Engineers and Geoscientists of British Columbia



| Design by   | Date       | Scale            |
|-------------|------------|------------------|
| TP          | 23-02-2026 | 1:250            |
| Drawn by    | Date       | Sheet of         |
| KH          | 23-02-2026 | 1 OF 2           |
| Checked by  | Date       | Eng. Project No. |
| MH          | 23-02-2026 |                  |
| Approved by | Date       |                  |
|             | 23-02-2026 |                  |

Project: **JOHNSON STREET PARKWAY BOULEVARD TRAFFIC SIGNAL**  
Description:  
File: 8724-26-(PARKWAY)



**CONTRACTOR IS REQUIRED TO PROVIDE SIGNED AND SEALED SHOP DRAWINGS FOR ALL NEW POLE(S). POLE LOADING ANALYSIS MUST BE COMPLETED BY THE POLE MANUFACTURER TO ENSURE POLE(S) ARE CHECKED FOR FATIGUE AND FATIGUE LOADING IN COMPLIANCE WITH CAN/CSA-S6-19 AND AASHTO 2013 SECTION 11 STANDARDS.**

**NOT FOR CONSTRUCTION**  
2026-04-09

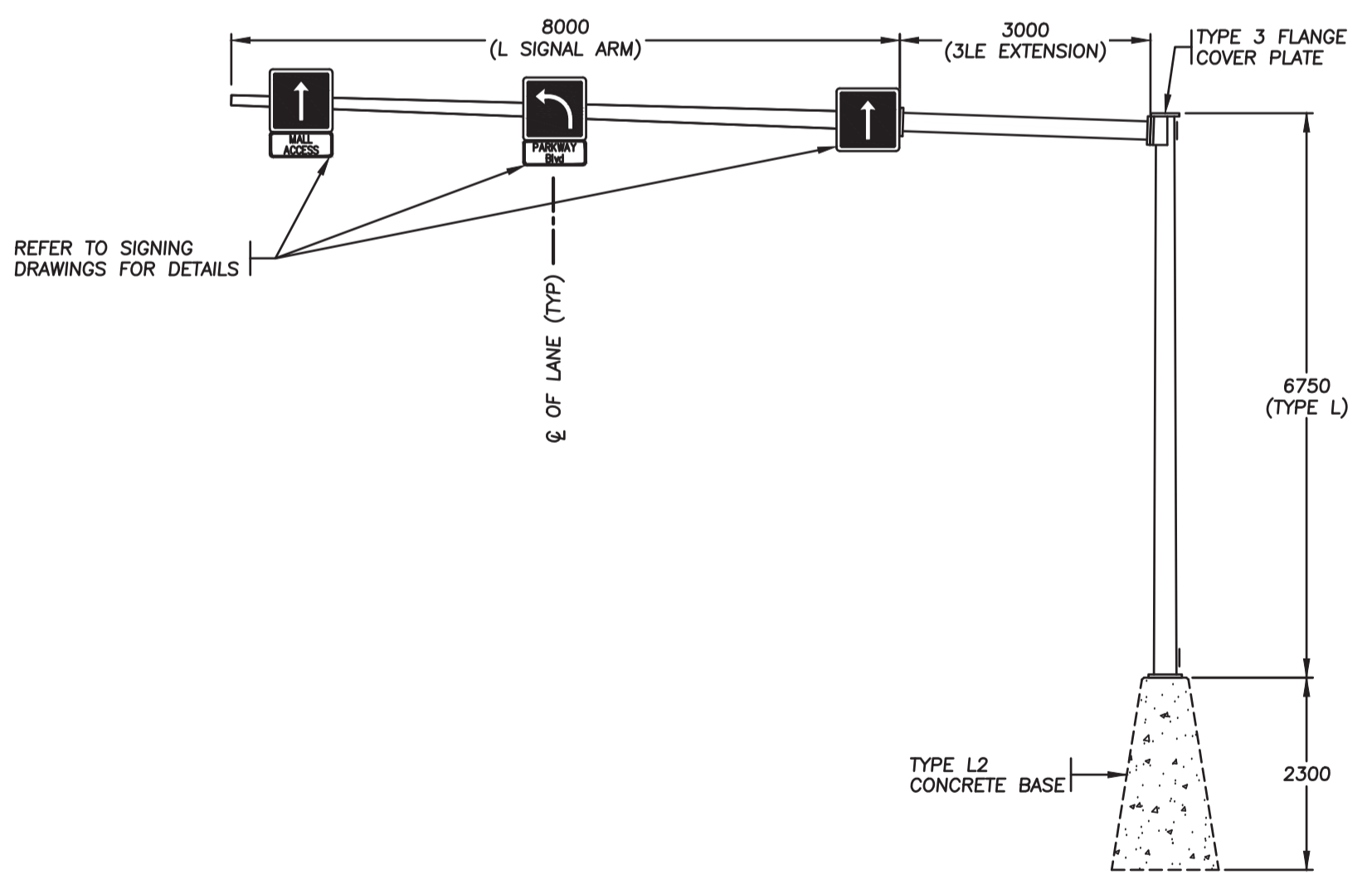
**ALL EQUIPMENT IS EXISTING EXCEPT WHERE NOTED**

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REFER TO THE CITY OF COQUITLAM TRAFFIC SIGNAL APPROVED PRODUCTS LIST FOR ALL EQUIPMENT DETAILS. IF ANYTHING IS NOT LISTED, COORDINATE WITH CITY TRANSPORTATION GROUP.

THE CONTRACTOR SHALL COORDINATE ALL TERMINATION IN THE TRAFFIC CONTROLLER WITH THE CONTRACT ADMINISTRATOR.

THE CITY OF COQUITLAM SHALL BE RESPONSIBLE FOR PROGRAMMING CHANGES TO THE TRAFFIC SIGNAL INCLUDING THE VIDEO DETECTION SYSTEM. CONTRACTOR SHALL PROVIDE THE CITY 3 WEEKS NOTICE IN ADVANCE OF WORK BEING REQUIRED. ALL COST RELATED TO THIS WORK WILL BE BORNE BY THE CITY.

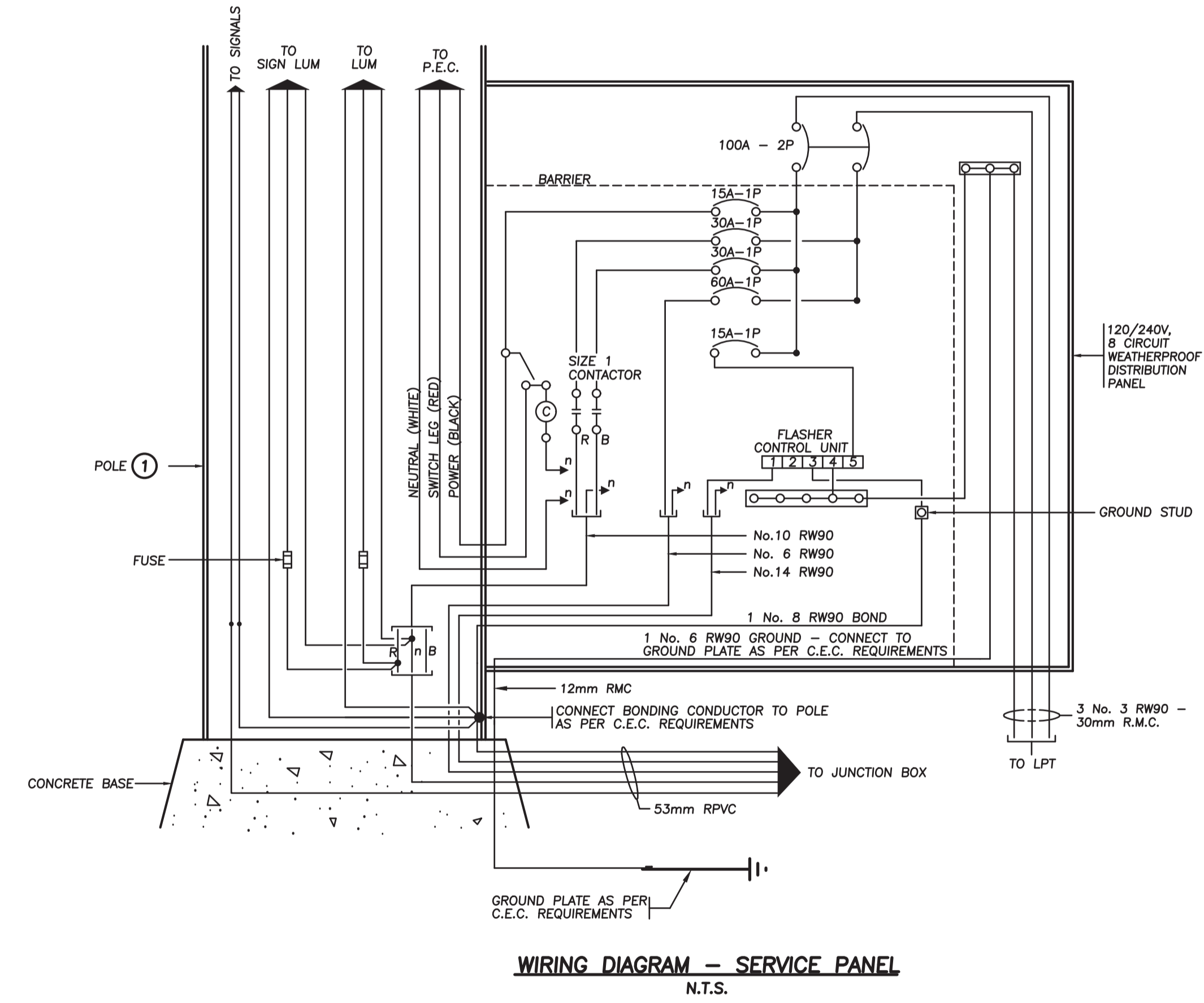


PROVIDE: NEW SIGN POLE ⑥

(T) DENOTES TUNNEL VISORS

| CONDUCTOR COLOUR CODE |                |                             |
|-----------------------|----------------|-----------------------------|
| PHASE                 | SIGNAL SECTION | COLOUR                      |
| #2                    | RED            | RED                         |
|                       | YELLOW         | YELLOW                      |
|                       | GREEN          | BLUE                        |
| #4                    | RED            | RED                         |
|                       | YELLOW         | BROWN                       |
|                       | GREEN          | BLUE                        |
| #6                    | RED            | RED                         |
|                       | YELLOW         | YELLOW (RED T.T.)           |
|                       | GREEN          | BLUE                        |
| #8                    | RED            | RED                         |
|                       | YELLOW         | BROWN (ORANGE T.T.)         |
|                       | GREEN          | BLUE                        |
| #5                    | RED            | RED (BLUE T.T.)             |
|                       | YELLOW         | YELLOW                      |
|                       | GREEN          | BLUE (WHITE T.T.)           |
| P2                    | DON'T WALK     | YELLOW                      |
|                       | WALK           | BLUE                        |
|                       | PUSH BUTTON    | PURPLE/PURPLE (YELLOW T.T.) |
| P4                    | DON'T WALK     | BROWN                       |
|                       | WALK           | BLUE                        |
|                       | PUSH BUTTON    | PURPLE/PURPLE (BROWN T.T.)  |
| P6                    | DON'T WALK     | YELLOW (RED T.T.)           |
|                       | WALK           | BLUE                        |
|                       | PUSH BUTTON    | PURPLE/PURPLE (RED T.T.)    |
| P8                    | DON'T WALK     | BROWN (ORANGE T.T.)         |
|                       | WALK           | BLUE                        |
|                       | PUSH BUTTON    | PURPLE/PURPLE (ORANGE T.T.) |
| DESCRIPTION           | CIRCUITS       | COLOUR                      |
| NEUTRAL               | NEUTRAL        | WHITE                       |
| STREET LIGHTING       | 'R'<br>'B'     | RED<br>BLACK                |
| TRAFFIC CONTROLLER    | POWER          | BLACK                       |
| GROUND/BOND           | GROUND/BOND    | GREEN                       |

\* CONDUCTORS SHALL BE TYRAPPED BUNDLED AND TAGGED



**WIRING DIAGRAM - SERVICE PANEL**  
N.T.S.

BC  
CALL  
1-800-474-6886  
or by CELLULAR #888  
Vancouver Area 257-8440

**CALL BEFORE YOU DIG!**

CALL AT LEAST TWO FULL WORKING DAYS BEFORE YOU PLAN TO DIG

COQ. ASBUILT No.  
**EXXXX**

| <p>Benchmark:</p> | <p><b>DMD &amp; Associates</b><br/>Electrical Consultants Ltd.<br/>#12-11558 104th Avenue, Surrey, BC, Canada V4N 0A3<br/>www.dmdeng.com 604-589-9010<br/>office@dmdeng.com Fax 604-589-9012<br/>DMD PROJECT No. 8724-26-(PARKWAY)-02 of 02</p> | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>No.</th> <th>Date</th> <th>By</th> <th>Revisions</th> </tr> <tr> <td>1</td> <td>2026-04-09</td> <td>TP</td> <td>ISSUED FOR TENDER</td> </tr> <tr> <td>2</td> <td>2026-04-07</td> <td>TP</td> <td>90% SUBMISSION</td> </tr> </table> | No.               | Date | By | Revisions | 1 | 2026-04-09 | TP | ISSUED FOR TENDER | 2 | 2026-04-07 | TP | 90% SUBMISSION | <p>ACCEPTED FOR CONSTRUCTION Date: _____</p> <p>Manager of Development Servicing</p> | <p><b>Coquitlam</b><br/>Engineering &amp; Public Works<br/>3000 Guildford Way, Coquitlam, B.C. V3B 7N2</p> | <p>PERMIT TO PRACTICE<br/>Signature: _____<br/>Date: 2026-04-09<br/>PERMIT NUMBER: 1000771<br/>The Association of Professional Engineers and Geoscientists of British Columbia</p> | <p>Design by TP Date 23-02-2026<br/>Sheet of 2 OF 2<br/>Checked by KH Date 23-02-2026<br/>Approved by MHI Date 23-02-2026</p> <p>Scale AS NOTED<br/>Eng. Project No. _____</p> | <p>Project <b>JOHNSON STREET PARKWAY BOULEVARD TRAFFIC SIGNAL</b></p> <p>Description _____</p> <p>File: 8724-26-(PARKWAY)</p> |
|-------------------|---|---|-------------------|------|----|-----------|---|------------|----|-------------------|---|------------|----|----------------|--|--|--|--|---|
| No.               | Date  | By  | Revisions         |      |    |           |   |            |    |                   |   |            |    |                |  |  |  |  |   |
| 1                 | 2026-04-09  | TP  | ISSUED FOR TENDER |      |    |           |   |            |    |                   |   |            |    |                |  |  |  |  |   |
| 2                 | 2026-04-07  | TP  | 90% SUBMISSION    |      |    |           |   |            |    |                   |   |            |    |                |  |  |  |  |   |