



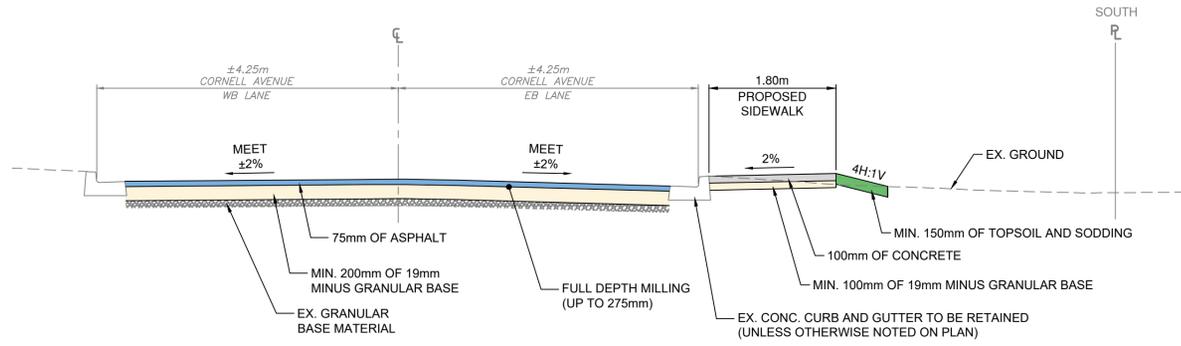
PROJECT No. 92344
CORNELL AVE / DRAYCOTT ST / HAVERSLEY AVE
SIDEWALK AND ROAD IMPROVEMENTS
ISSUED FOR TENDER

DRAWING SCHEDULE		
DWG. NO	SHEET TITLE	REV. NO
00	COVER	
01	GENERAL NOTES	C
02	TYPICAL SECTIONS	C
03	TYPICAL SECTIONS	C
04	CORNELL AVE - STA 0+000 TO 0+150	C
05	CORNELL AVE - STA 0+150 TO 0+300	C
06	CORNELL AVE - STA 0+300 TO 0+430	C
07	DRAYCOTT ST - STA 0+000 TO 0+100	C
08	DRAYCOTT ST - STA 0+100 TO 0+210	C
09	HAVERSLEY ST - STA 0+000 TO 0+090	C
10	HAVERSLEY ST - STA 0+090 TO 0+200	C

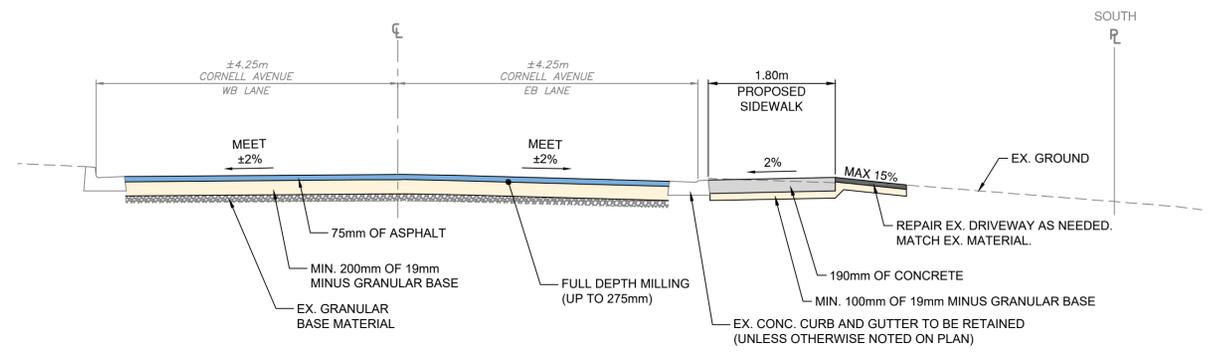


SITE PLAN
NTS

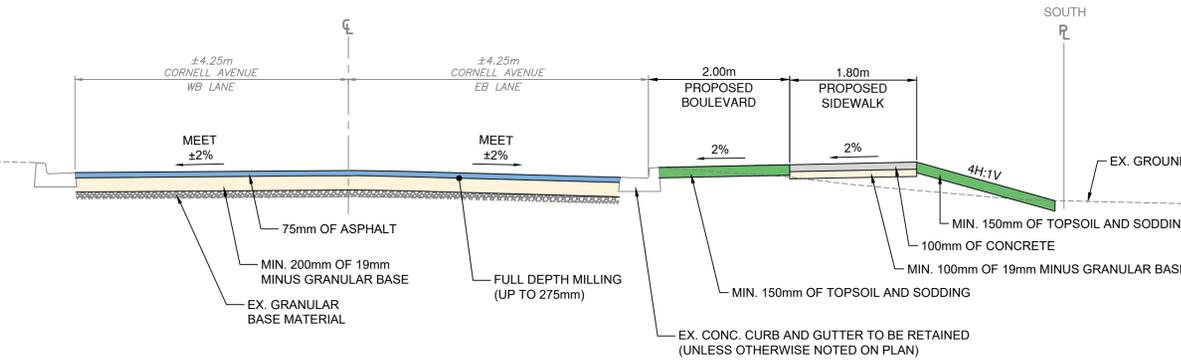




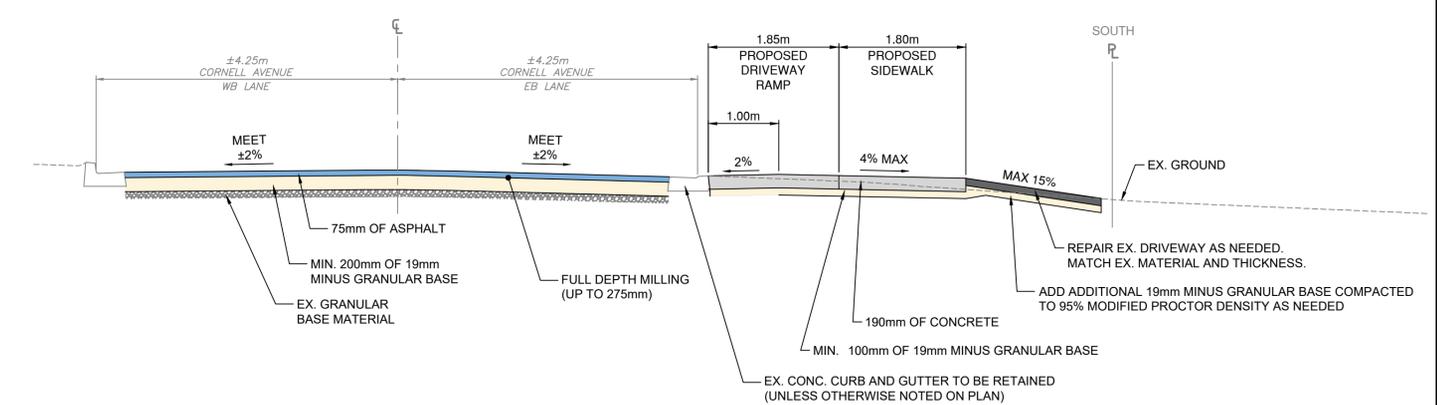
CORNELL AVENUE - TYPICAL SECTION AT STA 0+040
SCALE: 1:50



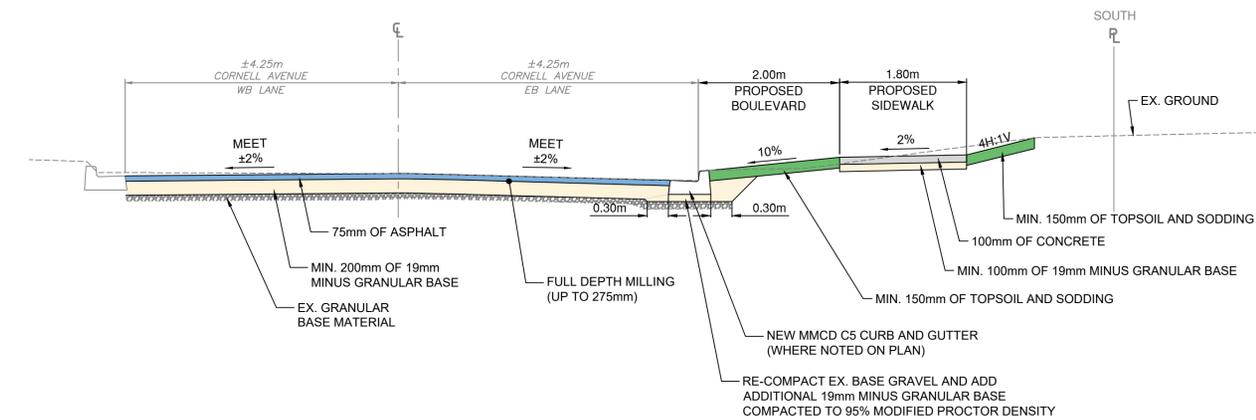
CORNELL AVENUE - TYPICAL SECTION AT DRIVEWAY WITHOUT BOULEVARD
SCALE: 1:50



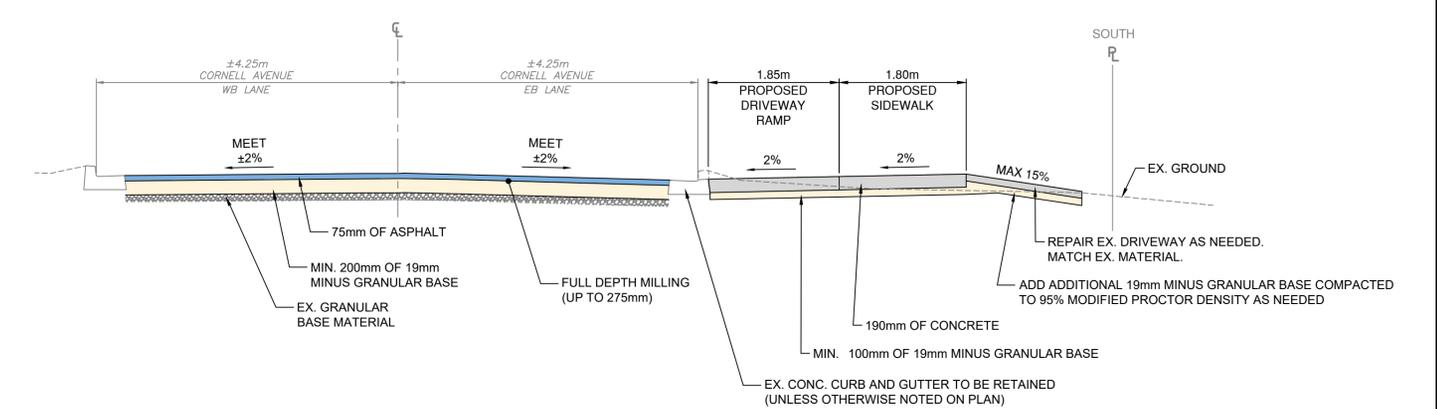
CORNELL AVENUE - TYPICAL SECTION FROM STA 0+058 TO 0+240 AND STA 0+380 TO 0+410
SCALE: 1:50



CORNELL AVENUE - TYPICAL SECTION AT DRIVEWAYS FROM STA 0+060 TO 0+170
SCALE: 1:50



CORNELL AVENUE - TYPICAL SECTION FROM STA 0+240 TO 0+270
SCALE: 1:50



CORNELL AVENUE - TYPICAL SECTION AT DRIVEWAYS FROM STA 0+170 TO 0+290
SCALE: 1:50

File: z:\Shared\Projects\34107\34107_04100\34107_cad\dwg\2025\production\34107_SHT_TYPICAL_SECTIONS.dwg

REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPRD
A	PRELIMINARY DESIGN	2025/01/22	EH	GA
B	DETAILED DESIGN	2025/04/08	EH/DW	GA
C	ISSUED FOR TENDER	2025/05/15	DW	GA



**TYPICAL SECTIONS
SIDEWALK AND ROAD IMPROVEMENTS**

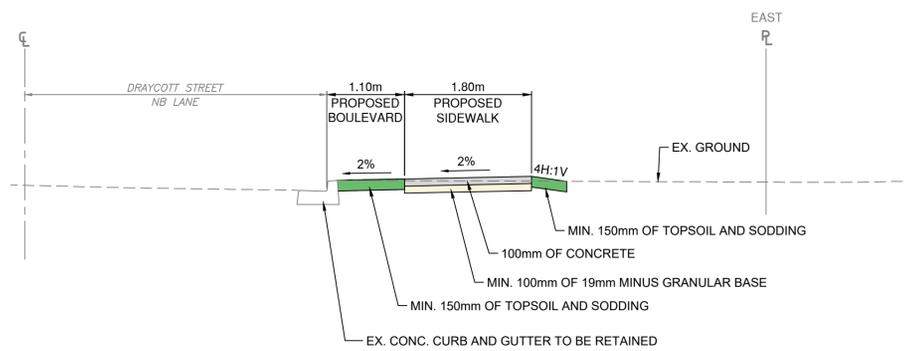


ISL
#201, 3999 Herring Drive, Burnaby, B.C. V5C 6P9
T: (604) 293-2698 F: (604) 293-2698

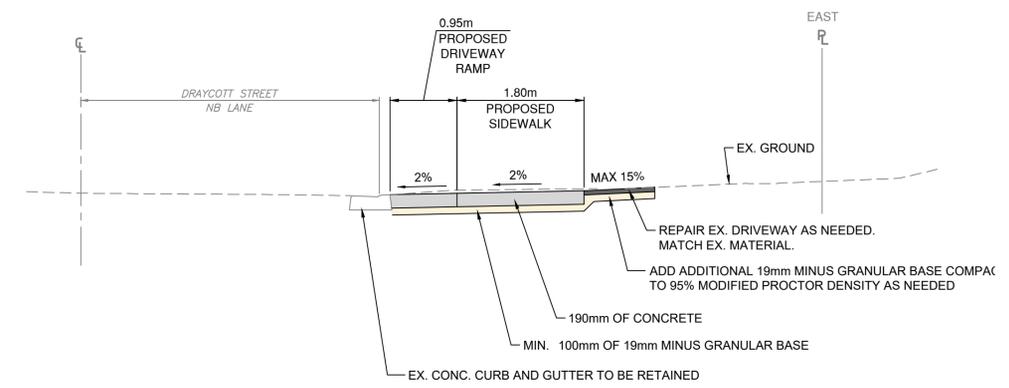
ISSUED FOR TENDER DESIGN NO.

SCALE	AS SHOWN	CREATION DATE	JAN - 2025	DWG. NO.
DRAWN BY	EH/DW	DESIGN BY	GA	02 OF 10
CHECKED BY	CJB	APPROVED BY	GA	REV. C
PLOT DATE	May 14, 2025			

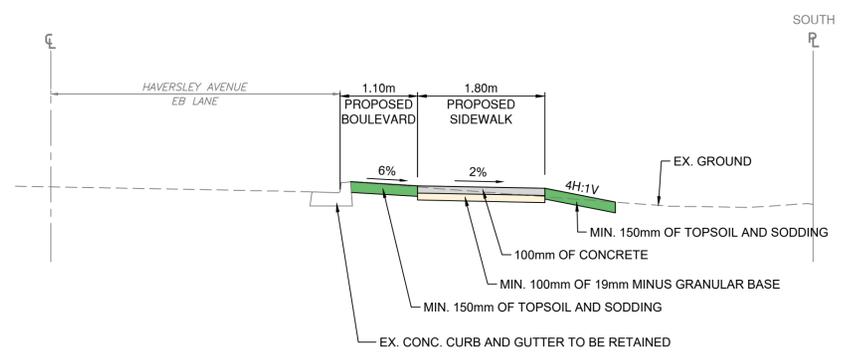
34107



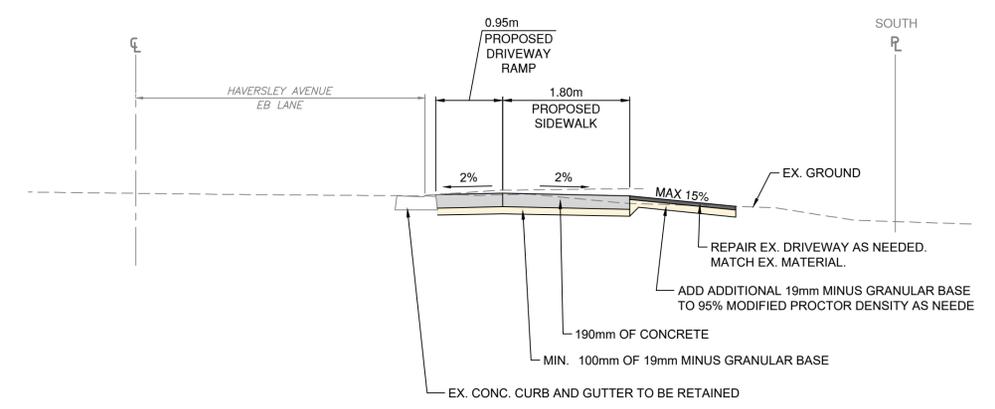
DRAYCOTT STREET - TYPICAL SECTION AT STA 0+020
SCALE: 1:50



DRAYCOTT STREET - TYPICAL SECTION AT DRIVEWAYS
SCALE: 1:50



HAVERSLEY AVENUE - TYPICAL SECTION AT STA 0+050
SCALE: 1:50



HAVERSLEY AVENUE - TYPICAL SECTION AT DRIVEWAYS
SCALE: 1:50

File: z:\Shared\Projects\34107\34107_04100\34107_cad\dwg\2025\production\34107_SHT_TYPICAL_SECTIONS.dwg

REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPRD
A	PRELIMINARY DESIGN	2025/01/22	EH	GA
B	DETAILED DESIGN	2025/04/08	EH/DW	GA
C	ISSUED FOR TENDER	2025/05/15	DW	GA



**TYPICAL SECTIONS
SIDEWALK AND ROAD IMPROVEMENTS**



ISSUED FOR TENDER DESIGN NO.

SCALE	AS SHOWN	CREATION DATE	JAN - 2025	DWG. NO.
DRAWN BY	EH/DW	DESIGN BY	GA	03 OF 10
CHECKED BY	CJB	APPROVED BY	GA	REV. C
PLOT DATE	May 14, 2025			

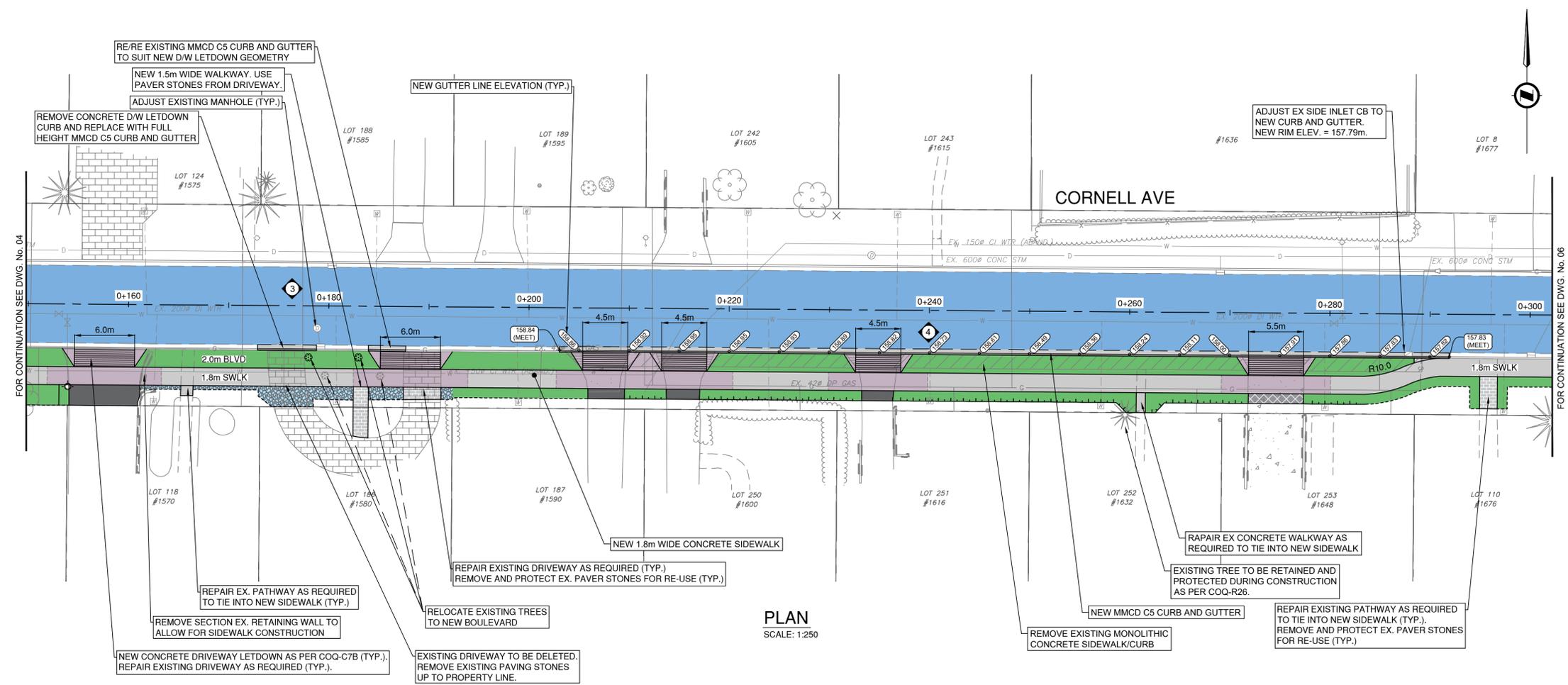
34107

CORNELL AVE - CORE REPORT - OCTOBER 2024 (METRO TESTING)					
LANE	CORE NO.	METRO TESTING REFERENCE NO.	ASPHALT THICKNESS (mm)	TOP LIFT THICKNESS (mm)	COMMENTS
W/B LANE	3	3	110		ONE LIFT (TRENCH) LOWER 15mm POORLY COMPACTED
E/B LANE	4	4	75		TEST HOLE

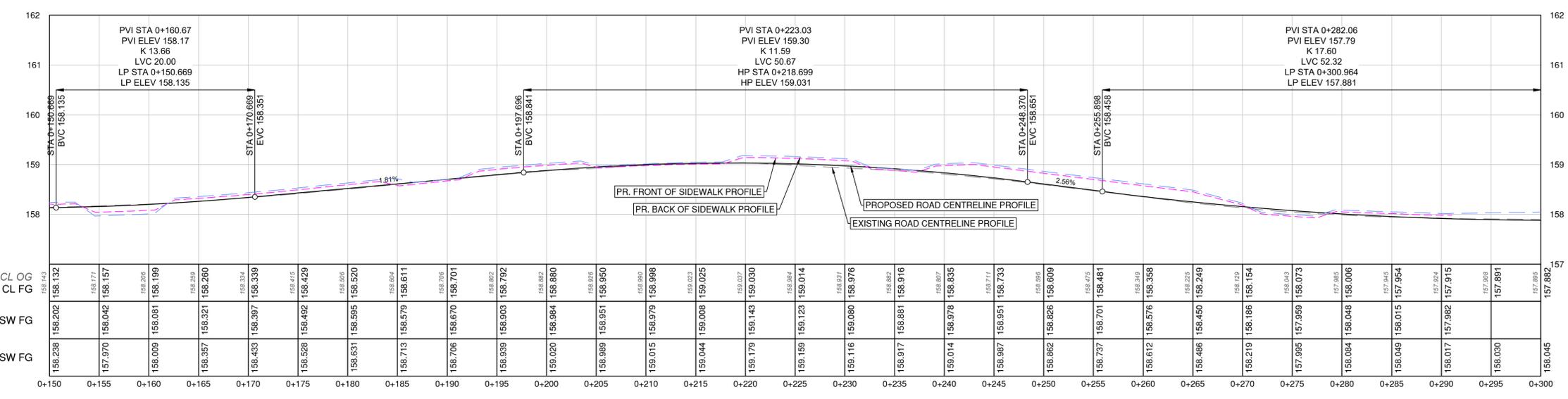
CORNELL AVE - BOREHOLE REPORT - OCTOBER 2024 (METRO TESTING)				
LANE	CORE NO.	METRO TESTING REFERENCE NO.	ASPHALT THICKNESS (mm)	COMMENTS
E/B LANE	TH2	4	75	SEE TEST HOLE LOGS REPORT MB48393 (OCTOBER 3, 2024)

- NOTES:
- ADJUST ALL MANHOLES, CATCHBASINS, CLEANOUTS, VALVE COVERS, INSPECTION CHAMBERS, ETC. TO GRADE AS REQUIRED.
 - DRIVEWAY TIE-INS TO BE REVIEWED IN THE FIELD WITH CONTRACT ADMINISTRATOR (TYP.)
 - ALL CONCRETE FLATWORK TO BE BROOM FINISH.

- LEGEND
- CONCRETE SIDEWALK**
 - MIN. 100mm OF 19mm MINUS GRANULAR BASE.
 - 100mm OF MMCD PORTLAND CEMENT CONCRETE.
 - CONCRETE DRIVEWAY LETDOWN**
 - MIN. 100mm OF 19mm MINUS GRANULAR BASE.
 - 190mm OF MMCD PORTLAND CEMENT CONCRETE.
 - CONCRETE DRIVEWAY RESTORATION**
 - MIN. 100mm OF 19mm MINUS GRANULAR BASE.
 - 100mm OF MMCD PORTLAND CEMENT CONCRETE.
 - ASPHALT DRIVEWAY RESTORATION**
 - MIN. 100mm OF 19mm MINUS GRANULAR BASE.
 - 60mm OF HOT MIX ASPHALT (MMCD UPPER COURSE #2).
 - BRICK/PAVER STONES DRIVEWAY RESTORATION**
 - MIN. 100mm OF 19mm MINUS GRANULAR BASE.
 - RE-USE EXISTING BRICK/PAVER STONE AND REINSTATE FINISHED GROUND TO MATCH EXISTING CONDITIONS PRIOR TO CONSTRUCTION.
 - EXPOSED AGGREGATE DRIVEWAY RESTORATION**
 - MIN. 100mm OF 19mm MINUS GRANULAR BASE.
 - 100mm OF MMCD PORTLAND CEMENT CONCRETE EXPOSED AGGREGATE FINISH.
 - RESHAPE EXISTING GRAVEL MATERIAL**
 - MIN. 150mm OF TOPSOIL AND SODDING**



PLAN
SCALE: 1:250



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

OPTIONAL ROAD BASE REPAIR:
CONTRACTOR TO PROOF ROLL AND REPAIR ROAD BASE STRUCTURE AS DIRECTED BY CONTRACT ADMINISTRATOR. WHERE DIRECTED, CONTRACTOR TO EXCAVATE EXISTING BASE TO APPROVED SUBGRADE AND REPLACE WITH 19mm MINUS CRUSHED GRANULAR BASE AND/OR 75mm MINUS CRUSHED GRANULAR SUBBASE AS DIRECTED BY CONTRACT ADMINISTRATOR (TYP.)



ISSUED FOR TENDER DESIGN NO. 34107

File: z:\Shared\Projects\34107\34107_04.dwg, 2025-05-15 10:34:17, coo, d:\p\cad, baverley, cornell_swis02_cadd\20_drawing\202_production\34107_SHL_ROADWORKS.dwg

REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPRD
A	PRELIMINARY DESIGN	2025/01/22	EH	GA
B	DETAILED DESIGN	2025/04/08	EH/DW	GA
C	ISSUED FOR TENDER	2025/05/15	DW	GA



ROAD WORKS

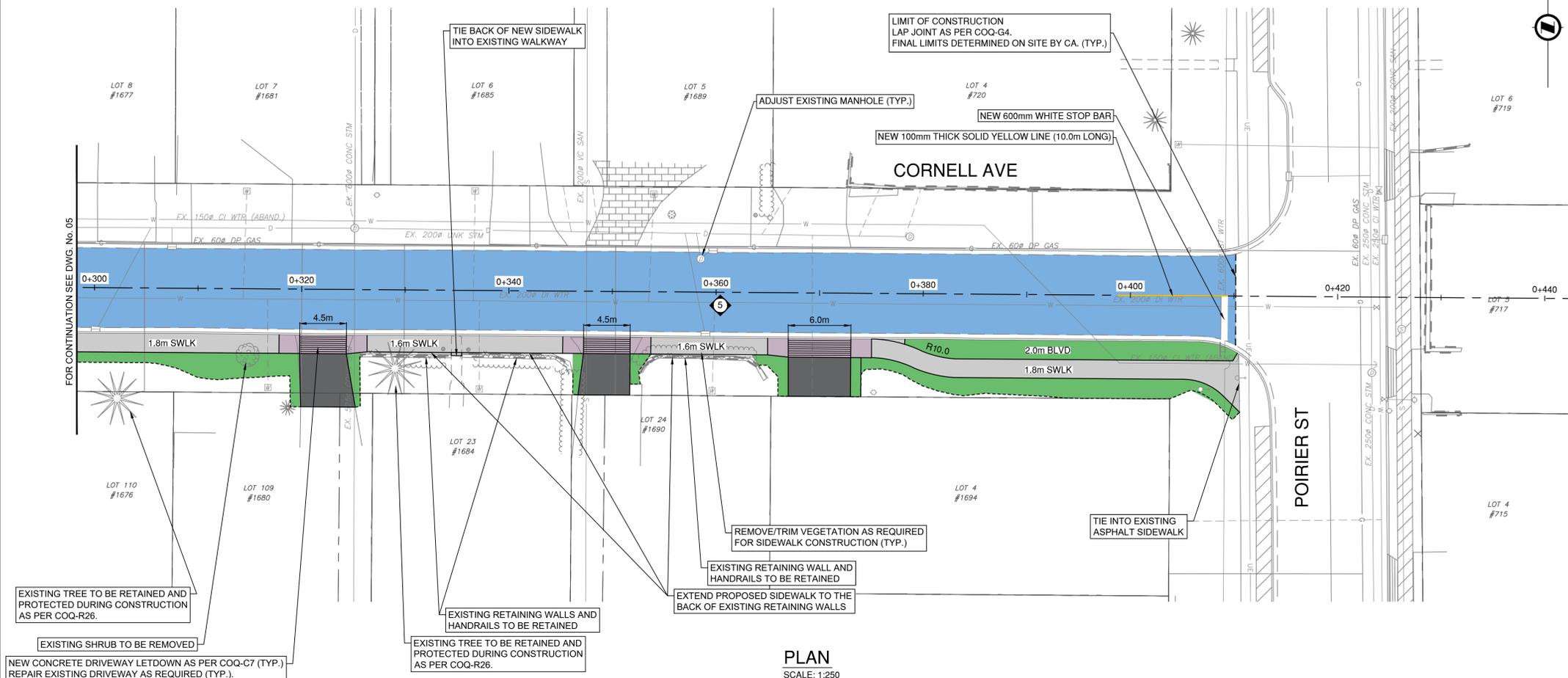
CORNELL AVE - STA 0+150 TO 0+300
SIDEWALK AND ROAD IMPROVEMENTS



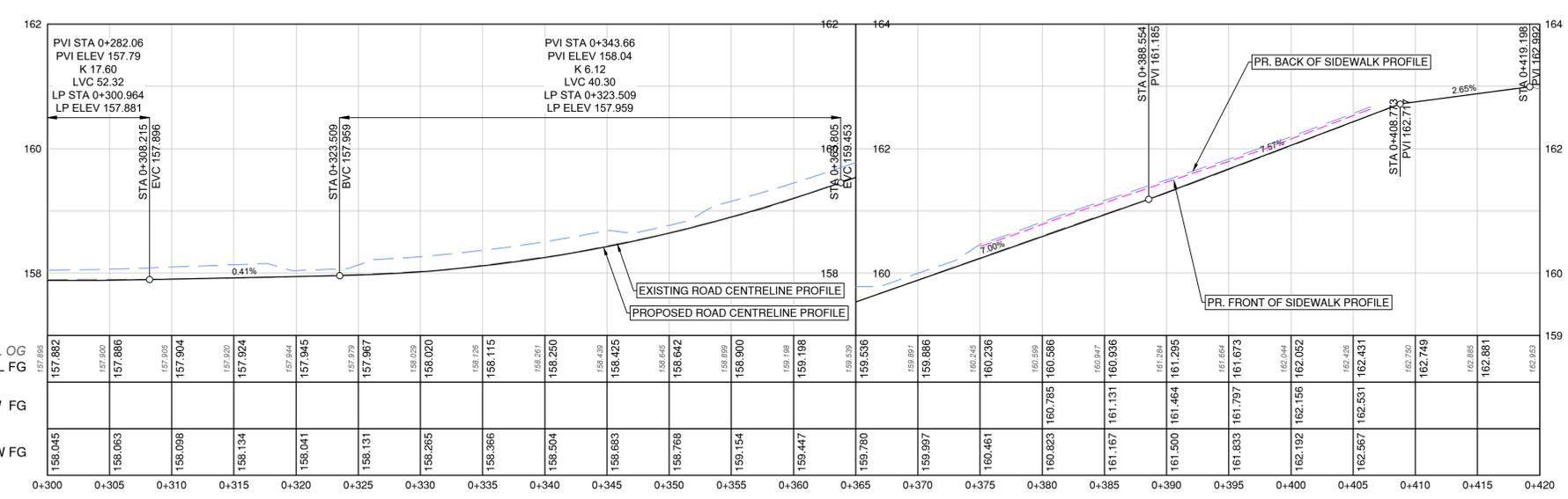
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DRAWN BY	EH/DW	DESIGN BY	GA	CHECKED BY	CJB
CHECKED BY	CJB	APPROVED BY	GA	PLOT DATE	May 14, 2025
				REV.	C

LEGEND

-  **CONCRETE SIDEWALK**
 - MIN. 100mm OF 19mm MINUS GRANULAR BASE.
 - 100mm OF MMCD PORTLAND CEMENT CONCRETE.
-  **CONCRETE DRIVEWAY LETDOWN**
 - MIN. 100mm OF 19mm MINUS GRANULAR BASE.
 - 190mm OF MMCD PORTLAND CEMENT CONCRETE.
-  **CONCRETE DRIVEWAY RESTORATION**
 - MIN. 100mm OF 19mm MINUS GRANULAR BASE.
 - 100mm OF MMCD PORTLAND CEMENT CONCRETE.
-  **ASPHALT DRIVEWAY RESTORATION**
 - MIN. 100mm OF 19mm MINUS GRANULAR BASE.
 - 60mm OF HOT MIX ASPHALT (MMCD UPPER COURSE #2).
-  **BRICK/PAVER STONES DRIVEWAY RESTORATION**
 - MIN. 100mm OF 19mm MINUS GRANULAR BASE.
 - RE-USE EXISTING BRICK/PAVER STONE AND REINSTATE FINISHED GROUND TO MATCH EXISTING CONDITIONS PRIOR TO CONSTRUCTION.
-  **EXPOSED AGGREGATE DRIVEWAY RESTORATION**
 - MIN. 100mm OF 19mm MINUS GRANULAR BASE.
 - 100mm OF MMCD PORTLAND CEMENT CONCRETE EXPOSED AGGREGATE FINISH.
-  **RESHAPE EXISTING GRAVEL MATERIAL**
-  **MIN. 150mm OF TOPSOIL AND SODDING**



PLAN
SCALE: 1:250



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

- OPTIONAL ROAD BASE REPAIR:**
- CONTRACTOR TO PROOF ROLL AND REPAIR ROAD BASE STRUCTURE AS DIRECTED BY CONTRACT ADMINISTRATOR. WHERE DIRECTED, CONTRACTOR TO EXCAVATE EXISTING BASE TO APPROVED SUBGRADE AND REPLACE WITH 19mm MINUS CRUSHED GRANULAR BASE AND/OR 75mm MINUS CRUSHED GRANULAR SUBBASE AS DIRECTED BY CONTRACT ADMINISTRATOR (TYP.)
- NOTES:**
1. ADJUST ALL MANHOLES, CATCHBASINS, CLEANOUTS, VALVE COVERS, INSPECTION CHAMBERS, ETC. TO GRADE AS REQUIRED.
 2. DRIVEWAY TIE-INS TO BE REVIEWED IN THE FIELD WITH CONTRACT ADMINISTRATOR (TYP.)
 3. ALL CONCRETE FLATWORK TO BE BROOM FINISH.

CORNELL AVE - CORE REPORT - OCTOBER 2024 (METRO TESTING)					
LANE	CORE NO.	METRO TESTING REFERENCE NO.	ASPHALT THICKNESS (mm)	TOP LIFT THICKNESS (mm)	COMMENTS
E/B LANE	5	5	40		ALLIGATORING (OLD ASPHALT)



File: z:\Shared\Projects\34107\34107_04100\34107_cad\dwg\2024\production\34107_SHL_ROADWORKS.dwg

REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPRD
A	PRELIMINARY DESIGN	2025/01/22	EH	GA
B	DETAILED DESIGN	2025/04/08	EH/DW	GA
C	ISSUED FOR TENDER	2025/05/15	DW	GA



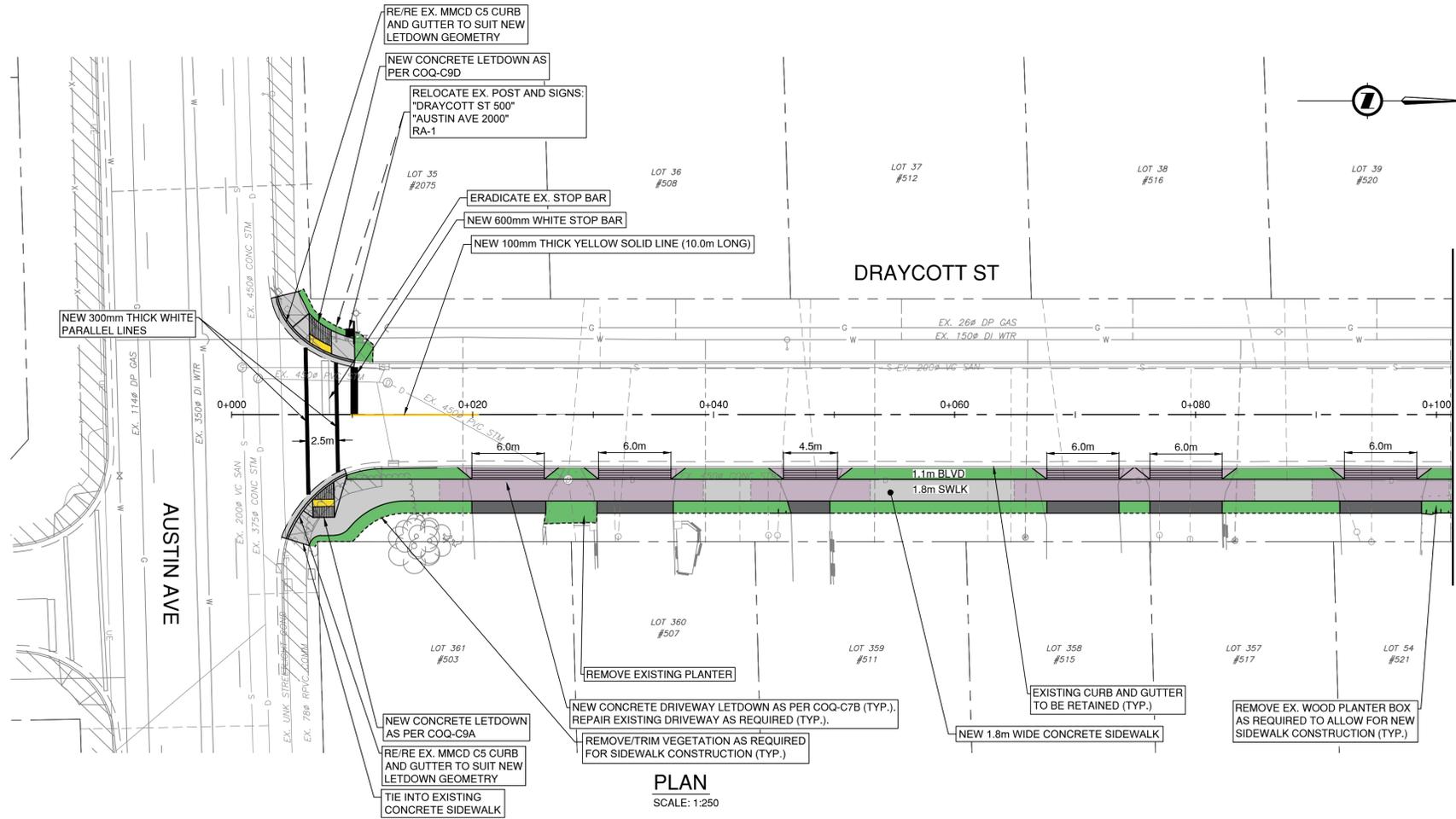
ROAD WORKS

CORNELL AVE - STA 0+300 TO 0+430
SIDEWALK AND ROAD IMPROVEMENTS

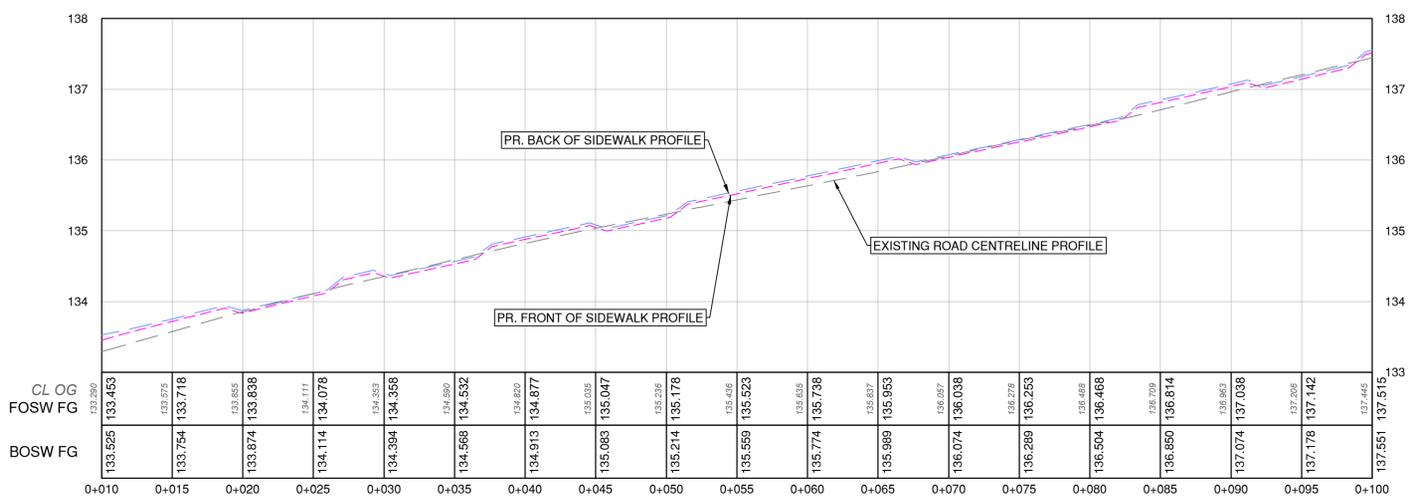


ISSUED FOR TENDER		DESIGN NO.		34107	
SCALE	1:250	CREATION DATE	JAN - 2025	DWG. NO.	
DRAWN BY	EH/DW	DESIGN BY	GA	06 OF 10	
CHECKED BY	CJB	APPROVED BY	GA	REV. C	
PLOT DATE	May 14, 2025				

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



PLAN
SCALE: 1:250



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

LEGEND

- CONCRETE SIDEWALK**
 - MIN. 100mm OF 19mm MINUS GRANULAR BASE.
 - 100mm OF MMCD PORTLAND CEMENT CONCRETE.
- CONCRETE DRIVEWAY LETDOWN**
 - MIN. 100mm OF 19mm MINUS GRANULAR BASE.
 - 190mm OF MMCD PORTLAND CEMENT CONCRETE.
- ASPHALT DRIVEWAY RESTORATION**
 - MIN. 100mm OF 19mm MINUS GRANULAR BASE.
 - 60mm OF HOT MIX ASPHALT (MMCD UPPER COURSE #2).
- MIN. 150mm OF TOPSOIL AND SODDING**

NOTES:

1. ADJUST ALL MANHOLES, CATCHBASINS, CLEANOUTS, VALVE COVERS, INSPECTION CHAMBERS, ETC. TO GRADE AS REQUIRED.
2. DRIVEWAY TIE-INS TO BE REVIEWED IN THE FIELD WITH CONTRACT ADMINISTRATOR (TYP.)
3. ALL CONCRETE FLATWORK TO BE BROOM FINISH.



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REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPRD
A	PRELIMINARY DESIGN	2025/01/22	EH	GA
B	DETAILED DESIGN	2025/04/08	EH/DW	GA
C	ISSUED FOR TENDER	2025/05/15	DW	GA



ROAD WORKS

DRAYCOTT ST - STA 0+000 TO 0+100
SIDEWALK AND ROAD IMPROVEMENTS



ISSUED FOR TENDER

DESIGN NO. **34107**

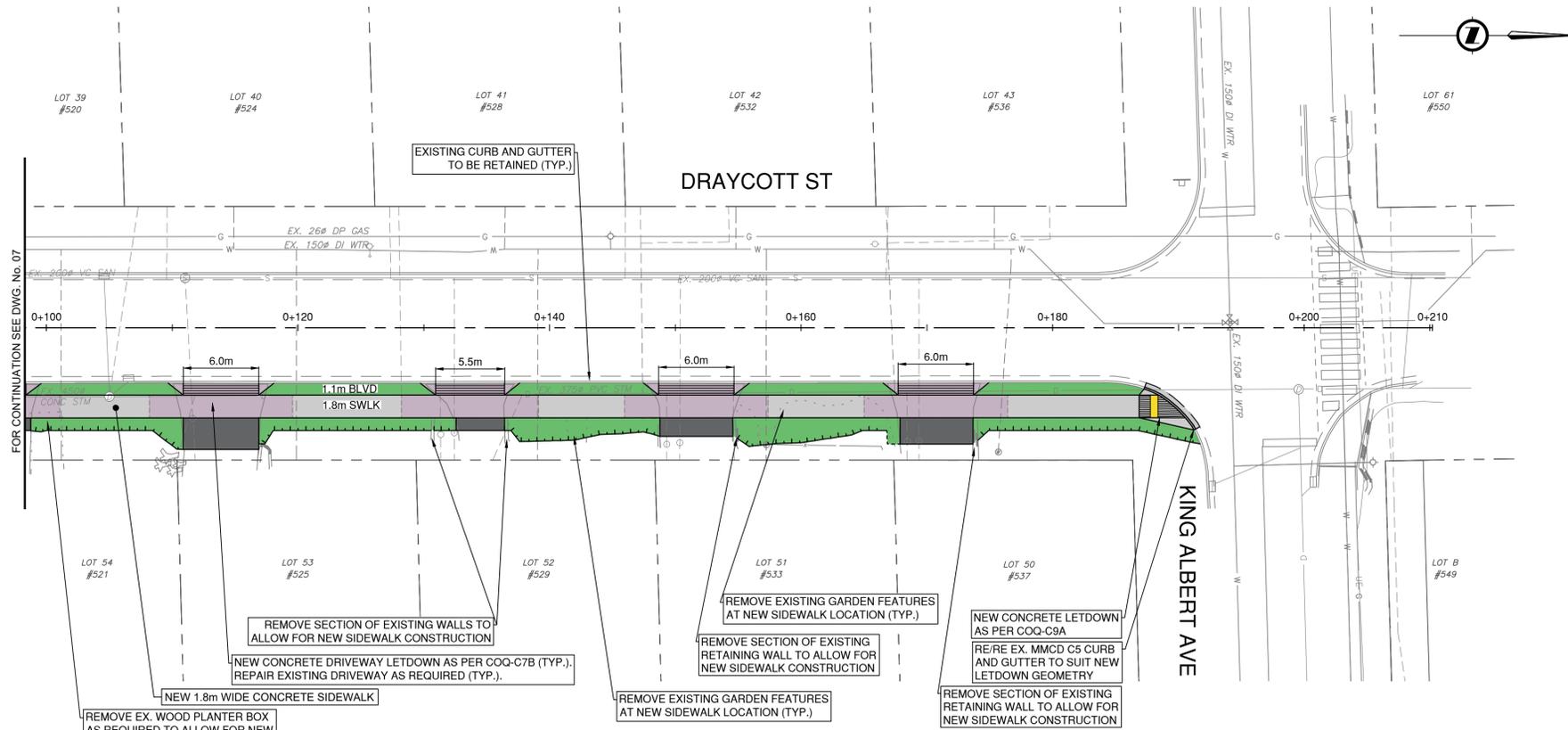
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DRAWN BY	EH/DW	DESIGN BY	GA	CHECKED BY	CJB
CHECKED BY	CJB	APPROVED BY	GA	PLOT DATE	May 14, 2025
					REV. C

LEGEND

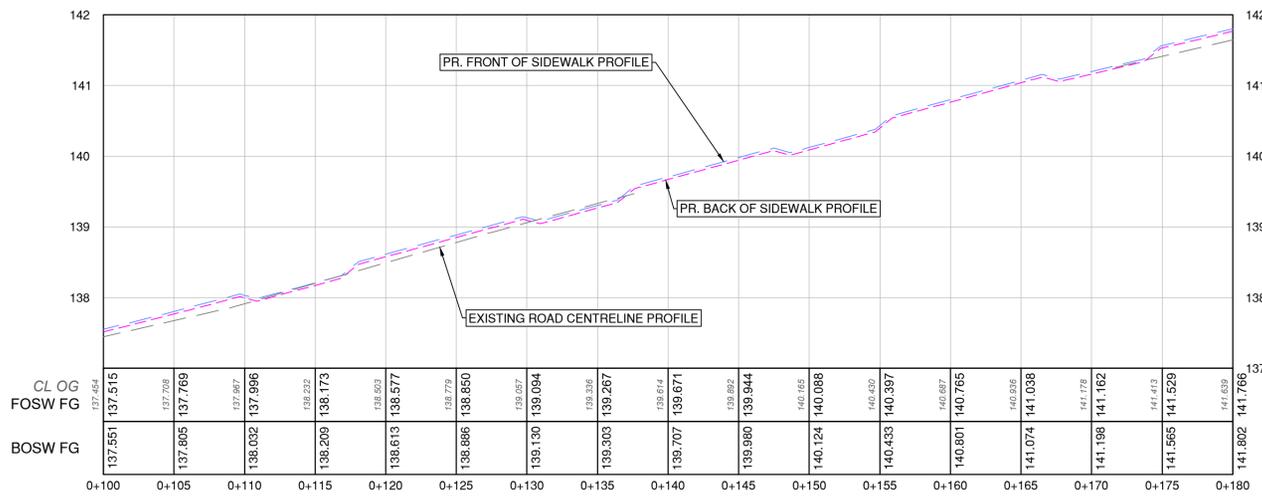
- CONCRETE SIDEWALK**
 - MIN. 100mm OF 19mm MINUS GRANULAR BASE.
 - 100mm OF MMCD PORTLAND CEMENT CONCRETE.
- CONCRETE DRIVEWAY LETDOWN**
 - MIN. 100mm OF 19mm MINUS GRANULAR BASE.
 - 190mm OF MMCD PORTLAND CEMENT CONCRETE.
- ASPHALT DRIVEWAY RESTORATION**
 - MIN. 100mm OF 19mm MINUS GRANULAR BASE.
 - 60mm OF HOT MIX ASPHALT (MMCD UPPER COURSE #2).
- MIN. 150mm OF TOPSOIL AND SODDING**

NOTES:

1. ADJUST ALL MANHOLES, CATCHBASINS, CLEANOUTS, VALVE COVERS, INSPECTION CHAMBERS, ETC. TO GRADE AS REQUIRED.
2. DRIVEWAY TIE-INS TO BE REVIEWED IN THE FIELD WITH CONTRACT ADMINISTRATOR (TYP.)
3. ALL CONCRETE FLATWORK TO BE BROOM FINISH.



PLAN
SCALE: 1:250



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



ISSUED FOR TENDER

DESIGN NO. **34107**

REV. NO.	REVISION DESCRIPTION	DATE	DRAWN	APPRD
A	PRELIMINARY DESIGN	2025/01/22	EH	GA
B	DETAILED DESIGN	2025/04/08	EH/DW	GA
C	ISSUED FOR TENDER	2025/05/15	DW	GA



ROAD WORKS

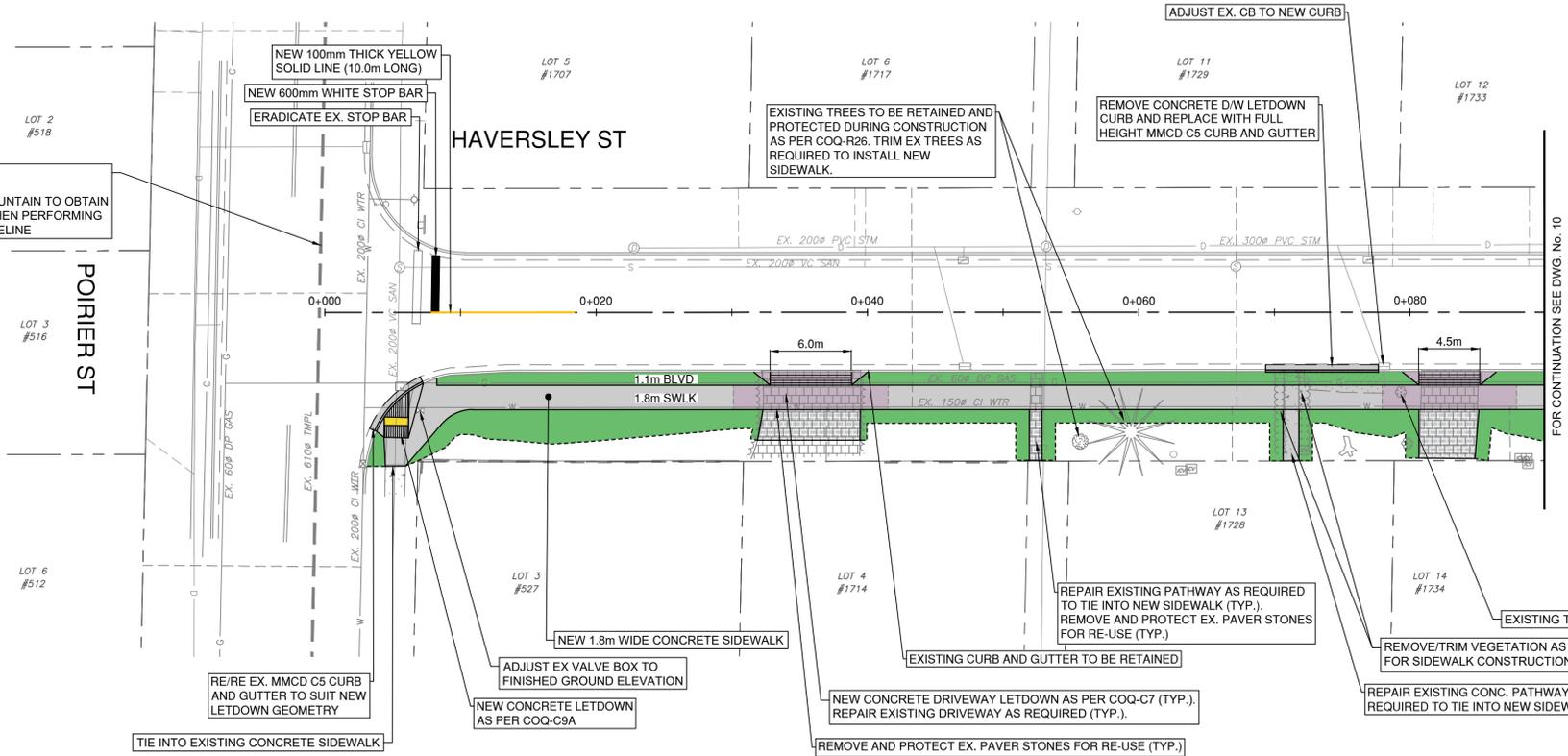
DRAYCOTT ST - STA 0+100 TO 0+210
SIDEWALK AND ROAD IMPROVEMENTS



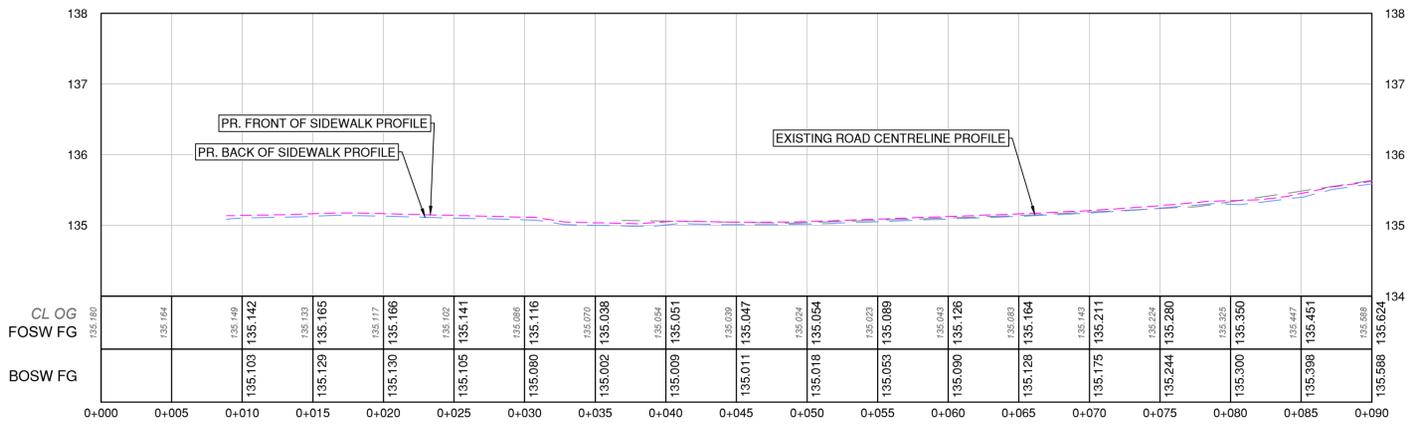
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DRAWN BY	EH/DW	DESIGN BY	GA	08 OF 10
CHECKED BY	CJB	APPROVED BY	GA	REV. C
PLOT DATE	May 14, 2025			



CAUTION
 CONTRACTOR TO COORDINATE WITH TRANSMOUNTAIN TO OBTAIN ANY REQUIRED PERMIT AND/OR APPROVALS WHEN PERFORMING WORK PROXIMAL TO THE EXISTING 610mm Ø PIPELINE



PLAN
 SCALE: 1:250



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

LEGEND

- CONCRETE SIDEWALK
 - MIN. 100mm OF 19mm MINUS GRANULAR BASE.
 - 100mm OF MMCD PORTLAND CEMENT CONCRETE.
- CONCRETE DRIVEWAY LETDOWN
 - MIN. 100mm OF 19mm MINUS GRANULAR BASE.
 - 190mm OF MMCD PORTLAND CEMENT CONCRETE.
- BRICK/PAVER STONES DRIVEWAY RESTORATION
 - MIN. 100mm OF 19mm MINUS GRANULAR BASE.
 - RE-USE EXISTING BRICK/PAVER STONE AND REINSTATE FINISHED GROUND TO MATCH EXISTING CONDITIONS PRIOR TO CONSTRUCTION.
- MIN. 150mm OF TOPSOIL AND SODDING

NOTES:

1. ADJUST ALL MANHOLES, CATCHBASINS, CLEANOUTS, VALVE COVERS, INSPECTION CHAMBERS, ETC. TO GRADE AS REQUIRED.
2. DRIVEWAY TIE-INS TO BE REVIEWED IN THE FIELD WITH CONTRACT ADMINISTRATOR (TYP.)
3. ALL CONCRETE FLATWORK TO BE BROOM FINISH.



File: z:\Shared\Projects\34107\34107_CADD\20_drawing\202_production\34107_SHL_ROADWORKS.dwg

REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPRD
A	PRELIMINARY DESIGN	2025/01/22	EH	GA
B	DETAILED DESIGN	2025/04/08	EH/DW	GA
C	ISSUED FOR TENDER	2025/05/15	DW	GA

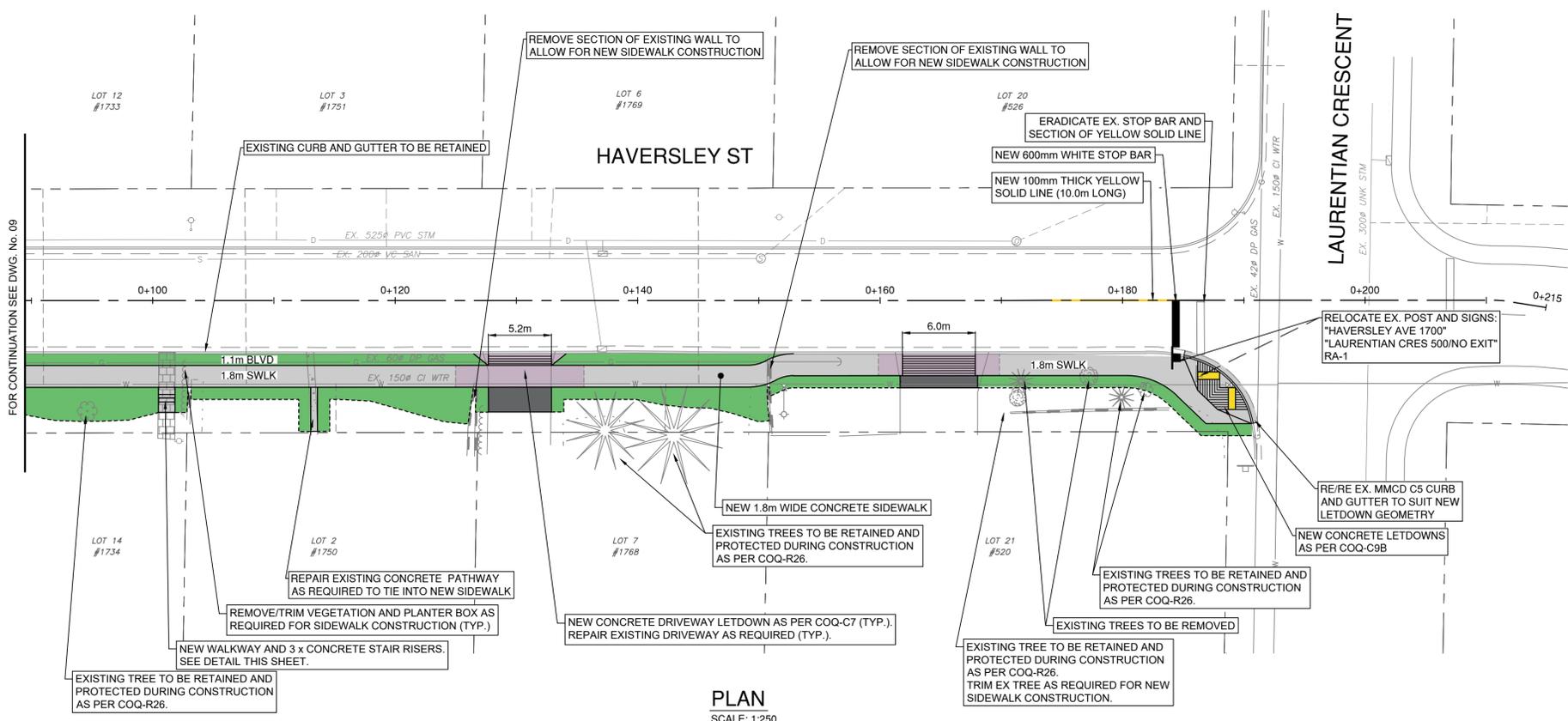


ROAD WORKS

HAVERSLEY ST - STA 0+000 TO 0+090
 SIDEWALK AND ROAD IMPROVEMENTS



ISSUED FOR TENDER		DESIGN NO.		34107	
SCALE	1:250	CREATION DATE	JAN - 2025	DWG. NO.	09
DRAWN BY	EH/DW	DESIGN BY	GA	OF	10
CHECKED BY	CJB	APPROVED BY	GA	REV.	C
PLOT DATE	May 14, 2025				



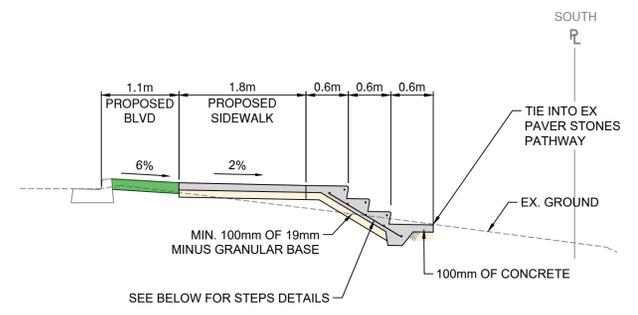
PLAN
SCALE: 1:250

LEGEND

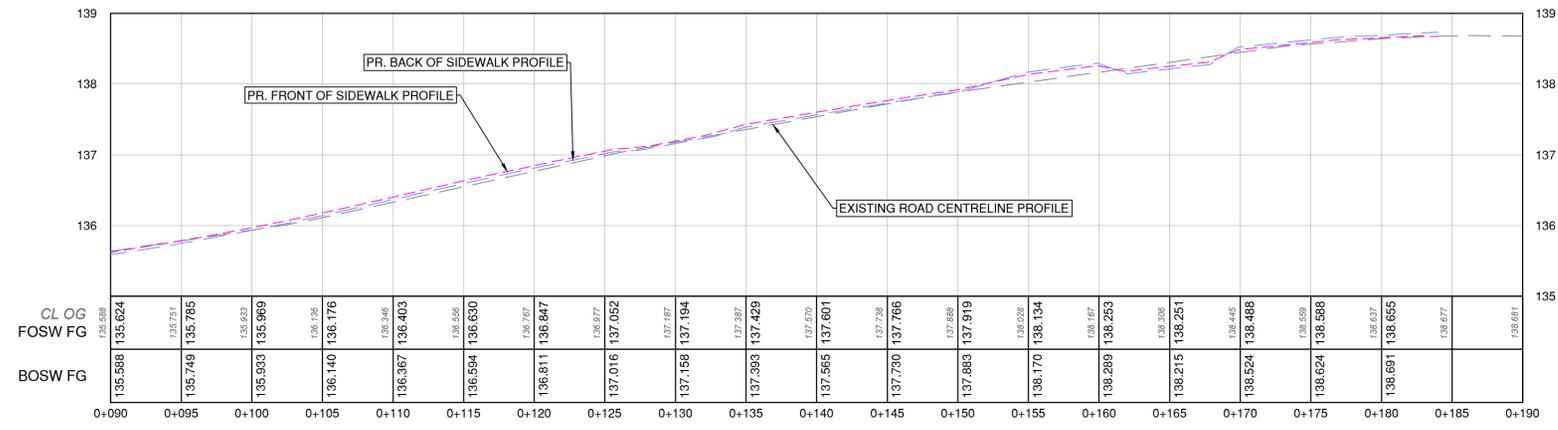
- CONCRETE SIDEWALK
 - MIN. 100mm OF 19mm MINUS GRANULAR BASE.
 - 100mm OF MMCD PORTLAND CEMENT CONCRETE.
- CONCRETE DRIVEWAY LETDOWN
 - MIN. 100mm OF 19mm MINUS GRANULAR BASE.
 - 190mm OF MMCD PORTLAND CEMENT CONCRETE.
- ASPHALT DRIVEWAY RESTORATION
 - MIN. 100mm OF 19mm MINUS GRANULAR BASE.
 - 60mm OF HOT MIX ASPHALT (MMCD UPPER COURSE #2).
- MIN. 150mm OF TOPSOIL AND SODDING

NOTES:

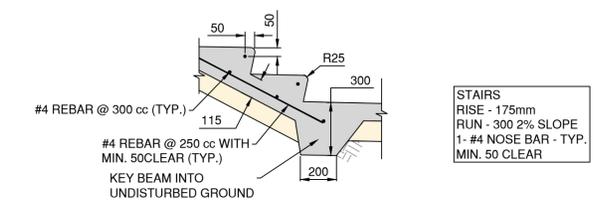
1. ADJUST ALL MANHOLES, CATCHBASINS, CLEANOUTS, VALVE COVERS, INSPECTION CHAMBERS, ETC. TO GRADE AS REQUIRED.
2. DRIVEWAY TIE-INS TO BE REVIEWED IN THE FIELD WITH CONTRACT ADMINISTRATOR (TYP.)
3. ALL CONCRETE FLATWORK TO BE BROOM FINISH.



STAIR DETAIL AT #1734
SCALE: 1:50



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



STEPS DETAIL
SCALE: 1:20



ISSUED FOR TENDER

34107

REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPRD
A	PRELIMINARY DESIGN	2025/01/22	EH	GA
B	DETAILED DESIGN	2025/04/08	EH/DW	GA
C	ISSUED FOR TENDER	2025/05/15	DW	GA



ROAD WORKS

HAVERSLEY ST - STA 0+090 TO 0+200
SIDEWALK AND ROAD IMPROVEMENTS



#201, 3998 Hemming Drive, Burnaby, B.C. V5C 6P9
T: (604)293-2998 F: (604)293-2998

SCALE	1:250	CREATION DATE	JAN - 2025	DWG. NO.
DRAWN BY	EH/DW	DESIGN BY	GA	10 OF 10
CHECKED BY	CJB	APPROVED BY	GA	REV. C
PLOT DATE	May 14, 2025			

File: z:\Shared\Projects\34107\34107_001\34107_001_SHL_ROADWORKS.dwg