



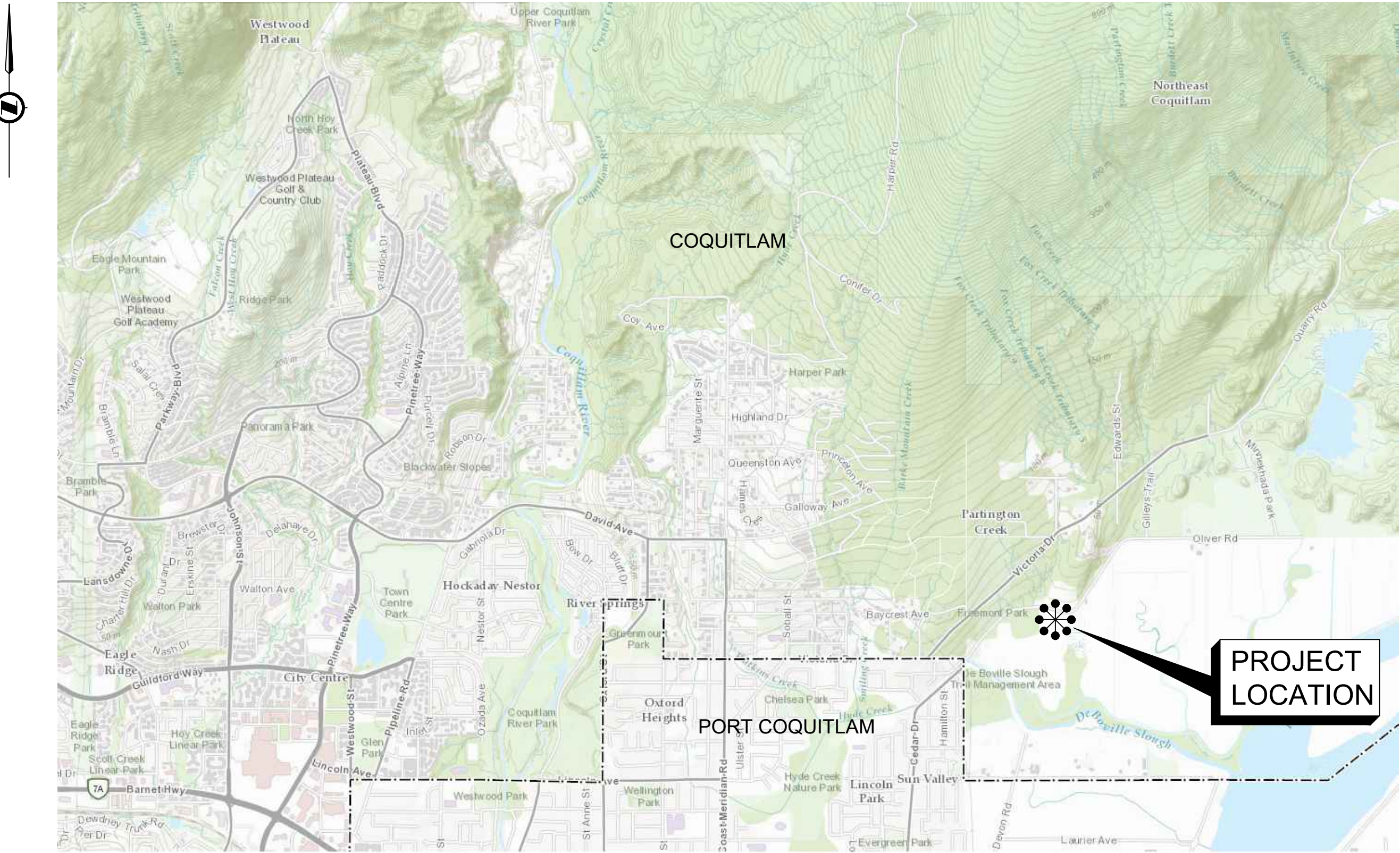
CEDAR DRIVE UPGRADES - PHASE 2

ISSUED FOR TENDER

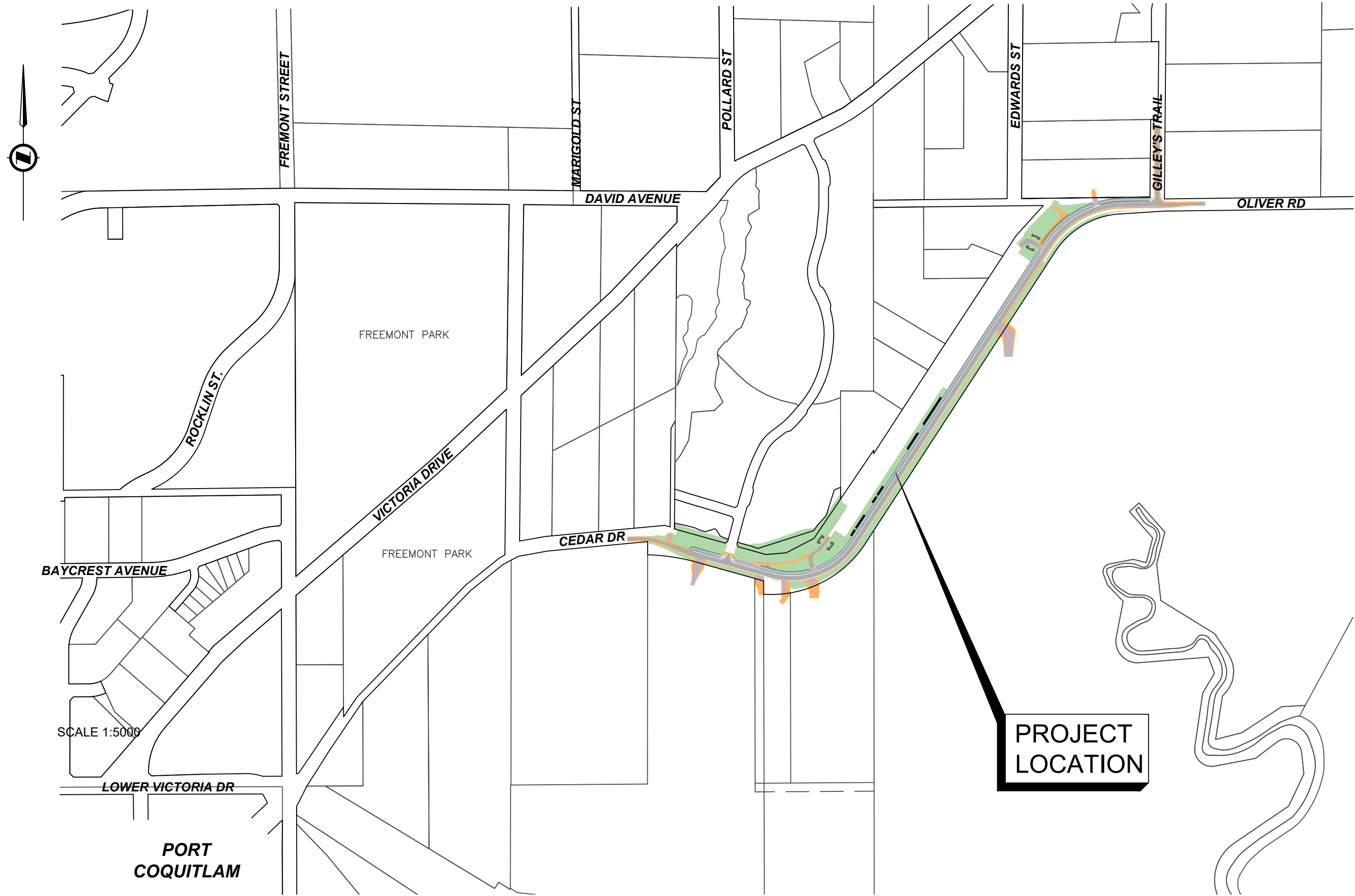
DRAWING SCHEDULE			
CATEGORY	DWG. NO	SHEET TITLE	REV. NO
GENERAL	00	COVER	
	01	GENERAL NOTES	A
	02	KEY PLAN	A
	03	TYPICAL SECTIONS	A
	04	TYPICAL SECTIONS	A
ROAD + WATER	05	STA 0+580 TO 0+720	A
	06	STA 0+720 TO 0+840	A
	07	STA 0+840 TO 0+980	A
	08	STA 0+980 TO 1+120	A
	09	STA 1+120 TO 1+260	A
	10	STA 1+260 TO 1+390	A
	11	STA 1+390 TO 1+530	A
	12	STA 1+530 TO 1+670	A
	13	GILLEY'S TRAIL	A
	14	ROAD TIE-IN SOUTH	A
	15	ROAD TIE-IN NORTH	A
PROPERTY DRIVEWAYS	16	PROPERTIES 4171 AND 4170	A
	17	PROPERTIES 4182 AND 4180	A
	18	PROPERTY 4196 AND 4300	A
	19	PROPERTY 4265	A
SANITARY GRAVITY SEWER	20	STA 0+800 TO 1+080	A
	21	STA 1+080 TO 1+420	A
	22	STA 1+420 TO 1+660	A
DRAINAGE CHANNEL	23	GILLEY'S TRAIL	A
	24	PARTINGTON CREEK AND IN-LINE POND	A
	25	DRAINAGE CHANNEL	A
	26	CULVERT DETAILS	A
ENVIRONMENTAL PLANTING	27	ENV PLANTING NOTES	A
	28	ENV PLANTING 1	A
	29	ENV PLANTING 2	A
	30	ENV PLANTING 3	A
	31	ENV PLANTING 4	A
	32	ENV PLANTING DETAILS	A
	33	ESC NOTES AND DETAILS	A
ESC	34	ESC PLAN	A
	35	IRRIGATION 01	A
IRRIGATION	36	IRRIGATION 02	A
	37	IRRIGATION 03	A
	38	IRRIGATION 04	A
	39	IRRIGATION 05	A
	40	IRRIGATION 06	A
	41	IRRIGATION 07	A
	42	IRRIGATION DETAILS	A

DRAWING SCHEDULE			
CATEGORY	DWG.NO.	SHEET TITLE	REV.NO.
CROSS SECTIONS	43	STA 0+600 TO 0+830	A
	44	STA 0+840 TO 1+070	A
	45	STA 1+080 TO 1+310	A
	46	STA 1+320 TO 1+540	A
	47	STA 1+550 TO 1+650 AND GILLEYS TRAIL	A
STAGING	48	TRAFFIC AND CONSTRUCTION STAGING PLAN	A

DRAWING SCHEDULE			
CATEGORY	DWG.NO.	SHEET TITLE	REV.NO.
ELECTRICAL	1	STREET LIGHTING	1
	2	STREET LIGHTING	1
	3	STREET LIGHTING	1
	4	IRRIGATION CONTROLLER POWER	1



LOCATION PLAN
NTS



LOCATION PLAN



GENERAL NOTES:

1.

ELEVATIONS ARE RELATIVE TO CVD28GVRD. HORIZONTAL COORDINATES ARE IN LOCAL PROJECT GROUND COORDINATES. PRIOR TO COMPUTATION OF NAD83 U.T.M. COORDINATES MULTIPLY THE COMBINED FACTOR OF 0.9995887.
2.

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.
3.

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.
4.

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.
5.

THE CONTRACTOR IS TO NOTIFY THE CITY OF COQUITLAM 48 HOURS IN ADVANCE OF ANY CONSTRUCTION OR UTILITY RELOCATION/CONFLICTS.
6.

REPORT ANY DISCREPANCIES TO THE CONTRACT ADMINISTRATOR A MIN 72 HOURS PRIOR TO CONSTRUCTION.
7.

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.
8.

SURVEY PINS DISTURBED DURING THE COURSE OF CONSTRUCTION SHALL BE REPLACED BY A B.C. LAND SURVEYOR AT THE CONTRACTOR'S EXPENSE.
9.

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.
10.

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.
11.

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.
12.

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.
13.

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.
14.

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.
15.

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.
16.

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.
17.

CONTRACTOR TO REPORT AND REPAIR OR REPLACE ANY DAMAGE TO THE SANITARY/STORM SERVICES DURING MAIN INSTALLATION. ANY DAMAGE TO WATER SERVICES IS TO BE REPORTED TO THE CONTRACT ADMINISTRATOR AND REPAIRED BY CITY FORCES AT THE CONTRACTOR'S EXPENSE.
18.

CONTRACTOR TO PROTECT EXISTING UTILITIES FROM DAMAGE.
19.

ALL EXISTING LIVE SERVICES SHALL BE MAINTAINED OPERATIONAL DURING CONSTRUCTION.
20.

CONTRACTOR SHALL NOTIFY THE VARIOUS UTILITY AGENCIES AND OBTAIN PERMITS AS REQUIRED PRIOR TO CONSTRUCTION.
21.

CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL CITY PERMITS FOR WORK WITHIN THE CITY ROAD ALLOWANCE.
22.

ALL EXISTING SIGNAGE, BOULEVARDS, CURBS, UTILITIES, WALLS, LANDSCAPING, FENCES, PAINT MARKINGS AND SURFACES DISTURBED BY CONSTRUCTION TO BE RESTORED TO ORIGINAL CONDITION OR BETTER AND IN ACCORDANCE WITH THE CITY SPECIFICATIONS.
23.

EVERY EFFORT IS TO BE MADE TO SAVE EXISTING LANDSCAPING WITHIN THE ROAD R.O.W.. LANDSCAPING IS TO BE RESTORED TO ITS ORIGINAL OR BETTER CONDITION. IN THE EVENT OF LANDSCAPING REMOVAL, THE PROPERTY OWNER SHALL BE ADVISED OF THE REMOVAL AND THE LANDSCAPING PLACED ON OWNERS PROPERTY UPON THEIR REQUEST.
24.

NOT ALL EXISTING LANDSCAPING MAY BE SHOWN ON THE DRAWINGS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VIEW WORK AREAS AND PROVIDE REQUIRED ALLOWANCE TO RESTORE ALL EXISTING LANDSCAPING THAT IS DISTURBED BY THE WORKS TO EXISTING OR BETTER CONDITIONS FOLLOWING CONSTRUCTION.

TRAFFIC MANAGEMENT, NOTIFICATION AND APPROVALS NOTES:

1.

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.
2.

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.
3.

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.
4.

A TRAFFIC AND PEDESTRIAN SAFETY CONTROL PLAN SHALL BE SUBMITTED BY THE CONTRACTOR PRIOR TO THE PRE-CONSTRUCTION MEETING.
5.

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.
6.

CONTRACTOR TO OBTAIN APPROVED LANE CLOSURE REQUEST FORM FOR ALL WORKS. APPROVED REQUESTS ARE CIRCULATED TO ALL EMERGENCY SERVICES.
7.

CONTRACTOR TO SUBMIT A TRAFFIC MANAGEMENT PLAN WITH LANE CLOSURE REQUEST FOR ALL MAJOR ROADS AND ANY LOCAL ROADS WHICH REQUIRE ANY DETOURS.
8.

ALL TRAFFIC CONTROL TO CONFORM TO THE LATEST EDITION OF THE BC TRAFFIC CONTROL MANUAL FOR WORK ON ROADWAYS.
9.

APPROVAL OF NOISE VARIANCE FOR ALL WORK OUTSIDE OF NORMAL APPROVED WORK HOURS REQUIRED BY THE CITY.
10.

ACCESS TO PROPERTIES AND SANITARY PUMP STATION SHALL BE MAINTAINED DURING CONSTRUCTION.

11.

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.
12.

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.
13.

THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE TRAFFIC MANAGEMENT DETAILED SPECIFICATIONS IN THE CONTRACT DOCUMENTS.

STORM AND SANITARY SEWER NOTES:

1.

NO CHANGES TO BE MADE TO PIPES, MANHOLES, OR ALIGNMENT WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE CONTRACT ADMINISTRATOR.
2.

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.
3.

ASSURANCE OF PROTECTION OF THE WATERMAIN AS PER FRASER HEALTH AUTHORITY, JULY 14, 2006:

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.

4.

FIGURED DIMENSION SHALL GOVERN OVER SCALED DIMENSIONS.
5.

REFER TO COQ STD. DWG. COQ-G4 FOR UTILITY TRENCH DETAIL.
6.

STORM SEWER MATERIALS ARE TO CONFORM TO THE MMCD SPECIFICATIONS.
7.

ALL PIPE SIZES INDICATED REFER TO MINIMUM INSIDE DIAMETER DIMENSIONS.
8.

ALL CATCH BASINS SHALL BE AS PER COQ STD. DWG. COQ-S11A.
9.

CATCH BASIN AND LAWN DRAIN LEADS TO BE 150mm DIAMETER PVC 28 PIPE FOR SINGLE CATCH BASINS AND LAWN DRAINS THAT TIE INTO THE MAIN DIRECTLY. LEADS ARE TO BE 200mm DIAMETER PVC 35 PIPE FROM THE STORM MAIN TO THE WYE FOR CATCH BASIN/LAWN DRAIN COMBINATIONS AS PER THE CONNECTION DETAIL ON SHEET 4.

WATERMAIN NOTES:

1.

ALL NEW 200mm WATERMANS SHALL BE DUCTILE IRON PIPE (PC350/SC52) WITH TR FLEX JOINTS. DUCTILE IRON PIPE TO AWWA C151 AND STANDARD CEMENT MORTAR LINED TO AWWA C104/A21.4 WITH GASKETS TO AWWA C111, AND INSTALLED WITH 1.0m MINIMUM COVER UNLESS OTHERWISE NOTED.
2.

NO CHANGES TO BE MADE TO PIPE, FITTINGS, OR ALIGNMENT WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE CONTRACT ADMINISTRATOR
3.

ALL TIE-INS TO EXISTING WATERMANS AND WATER SERVICE TRANSFERS WILL BE PERFORMED BY THE CONTRACTOR.
4.

THE CONTRACTOR IS TO EXPOSE EXISTING WATERMANS AND WATER SERVICES AT TIE-IN LOCATION AND ALL EXISTING UTILITIES BETWEEN. UTILITY DEPTHS ARE TO BE RECORDED AND FORWARDED TO THE CONTRACT ADMINISTRATOR FOR REVIEW.
5.

THRUST BLOCKS: THRUST BLOCKS TO BE PROVIDED AT TIE-INS TO EXISTING WATERMAIN, AS PER MMCD DETAIL DRAWING W1. WHERE CONDITIONS DO NOT PERMIT USE OF THRUST BLOCKS, THE CONTRACTOR SHALL USE JOINT RESTRAINTS AS SPECIFIED IN THE OWNER'S SUPPLEMENTAL SPECIFICATIONS.

200 DIA W/M THRUST BLOCK SIZING			
BENDS	MATERIAL TYPE		
	SAND	GRAVEL	GLACIAL TILL
11.25	0.14	0.11	0.06
22.5	0.28	0.22	0.12
45	0.54	0.43	0.24
TEE	1.4	1.12	0.62
ALL VALUES ARE IN m ²			

6.

JOINT RESTRAINTS TO BE INSTALLED AT ALL FITTINGS.
7.

ALL NEW FIRE HYDRANTS TO BE AS PER CITY OF COQUITLAM STANDARDS. HYDRANT ASSEMBLIES INCLUDE THE FOLLOWING: HYDRANT BODY, LATERAL CONNECTIONS FROM MAINLINE TEE OFF WATERMAIN TO HYDRANTS, ISOLATION VALVE AT THE MAINLINE TEE WITH ADJUSTABLE VALVE BOX AND ALL OTHER INCIDENTAL WORK.
8.

MAXIMUM JOINT DEFLECTION SHOULD NOT EXCEED ONE-HALF OF THE MANUFACTURER'S RECOMMENDED SPECIFICATION.
9.

ALL VERTICAL BENDS TO BE MINIMUM 2-LUG AND TIE-RODDED TOGETHER AND USE FIELD LOK 350 GASKETS FOR 3 PIPE LENGTHS BACK OF VERTICAL FITTINGS.
10.

FIGURED DIMENSION SHALL GOVERN OVER SCALED DIMENSIONS.
11.

ALL VALVES GREATER THAN 1.5m DEEP FROM THE NUT REQUIRE AN EXTENSION
12.

ALL PIPE ZONE BACKFILL TO HAVE LESS THAN 50ppm CHLORIDE IONS, AND LESS THAN 50ppm SULFATE IONS. CONTRACTOR TO PROVIDE SOURCE TESTING RESULTS PRIOR TO DELIVERY TO SITE.

LEGEND

PROPOSED LINETYPES

	RIGHT OF WAY
	WATER MAIN
	WATER SERVICE
	STORM MAIN
	STORM SERVICE
	CB / DRAINAGE LEAD
	DRAINAGE SWALE
	SANITARY SEWER MAIN
	SANITARY SERVICE
	ELECTRICAL
	CONDUIT
	GAS
	PEDESTRIAN FENCE
	WALL
	CUT/FILL BOUNDARY
	EDGE OF GRAVEL ROAD
	BOTTOM OF BANK
	TOP OF BANK

EXISTING LINETYPES

	BOTTOM OF BANK
	TOP OF BANK
	STREAM / CREEK / DITCH
	EDGE OF PAVEMENT
	EDGE OF GRAVEL/DIRT
	EDGE OF GRAVEL/DIRT

PROPOSED SYMBOLS

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	WATER VALVE AIR		STORM CATCHBASIN DOUBLE
	WATER BEND 90°		STORM CATCHBASIN
	WATER BEND 45°		STORM CULVERT
	WATER BEND 22.5°		STORM SWALE
	WATER BEND 11.25°		STORM LAWN DRAIN
	WATER BLOWOFF		STORM MANHOLE
	WATER CAP		STORM SERVICE
	WATER CROSS		SANITARY MANHOLE
	WATER HYDRANT		STORM SERVICE
	WATER REDUCER		SIGN
	WATER ROBAR		STREETLIGHT
	WATER SERVICE		WALKWAY LIGHT
	WATER TEE		JUNCTION BOX
	WATER THRUST BLOCK		ELECTRICAL BOX
	WATER VALVE		
	WATER BLOW-OFF		

EXISTING SYMBOLS

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	WATER VALVE AIR		STORM CATCHBASIN DOUBLE
	WATER BEND 90°		STORM CATCHBASIN TOP INLET
	WATER BEND 45°		STORM CULVERT
	WATER BEND 22.5°		STORM LAWN DRAIN
	WATER BEND 11.25°		STORM MANHOLE
	WATER BLOWOFF		STORM DITCH
	WATER CROSS		SANITARY MANHOLE
	WATER HYDRANT		GUY WIRE
	WATER REDUCER		UTILITY TEL JUNCTION BOX
	WATER ROBAR/ADAPTER		POLE
	WATER SERVICE		MISC SIGN
	WATER TEE		TREE
	WATER THRUST BLOCK		
	WATER VALVE		
	CAP		

IFT DESIGN NO.

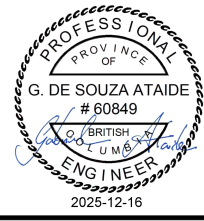
33527

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PLOT DATE: October 30, 2025				
REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPR'D
A	ISSUED FOR TENDER	2025/12/16	GA	CJB



GENERAL NOTES
CEDAR DRIVE UPGRADES - PHASE 2



#201, 3999 Henning Drive, Burnaby, B.C. V5C 6P9
T: (604)929-3096 F: (604)929-3098

SCALE	AS SHOWN	CREATION DATE	OCT - 2023	DWG. NO.
DRAWN BY	GA	DESIGN BY	CJB	01 OF 48
CHECKED BY	CJB	APPROVED BY	CJB	REV. A

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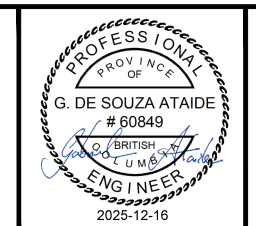


PLOT DATE: November 12, 2025

REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPR'D
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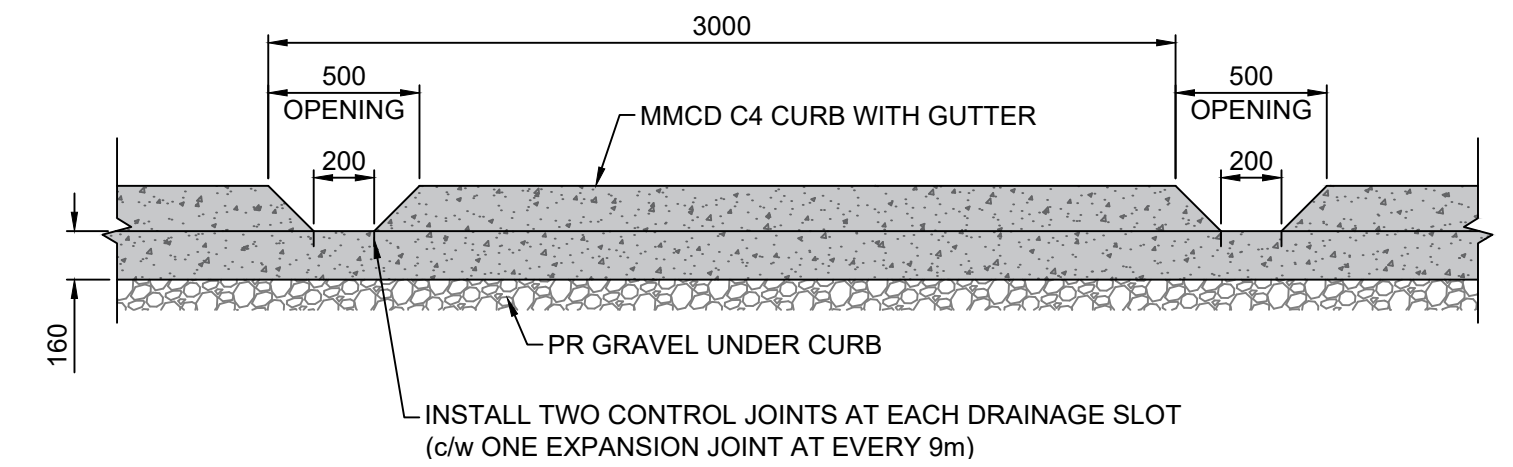


KEY PLAN
CEDAR DRIVE UPGRADES - PHASE 2

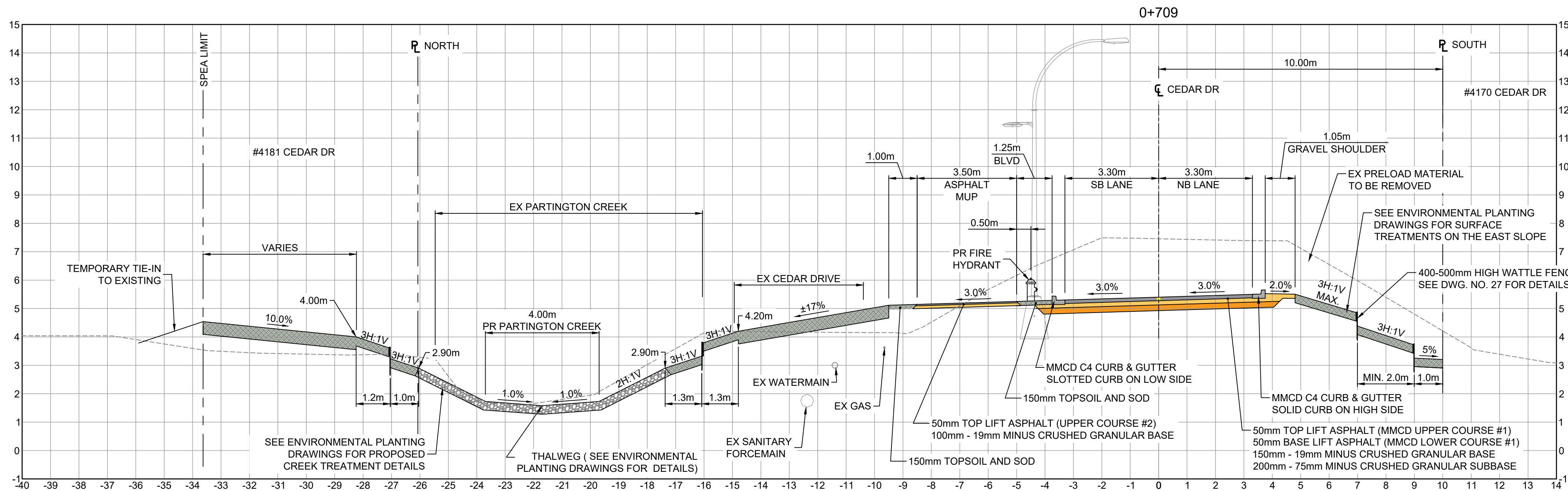


SCALE	AS SHOWN	CREATION DATE	OCT - 2023	DWG. NO.
DRAWN BY	GA	DESIGN BY	CJB	02 OF 48
CHECKED BY	CJB	APPROVED BY	CJB	REV. A

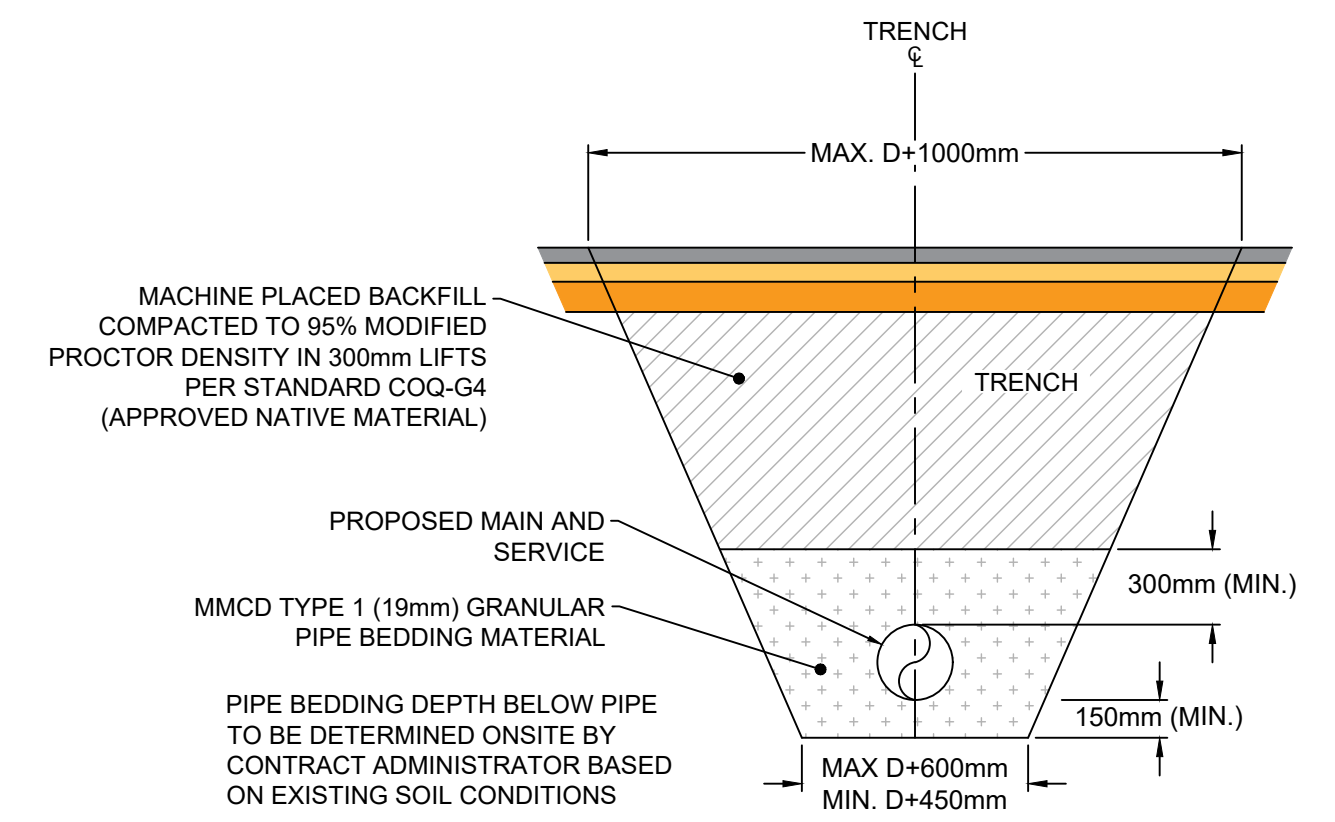
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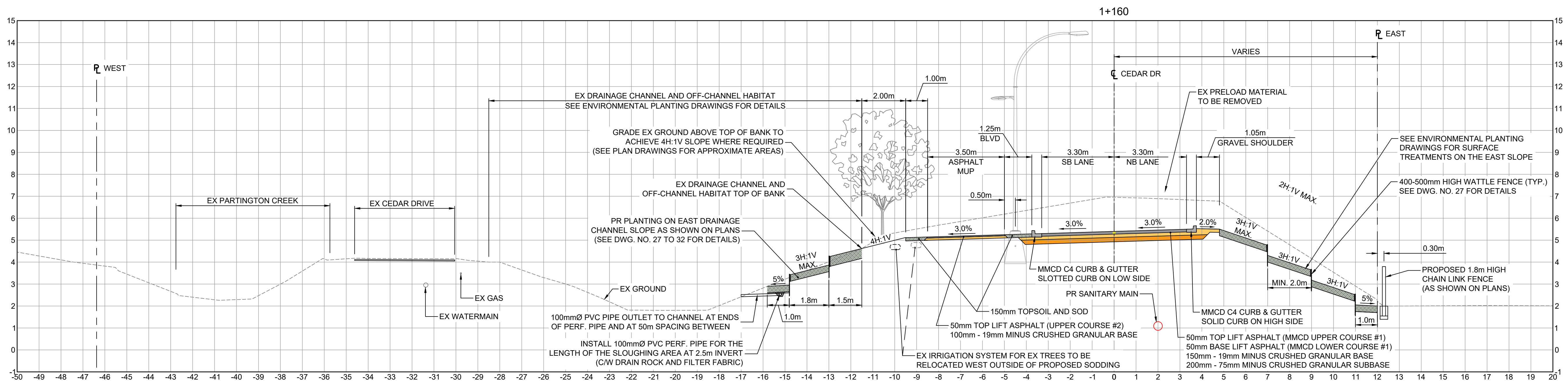
CONCRETE MMCD C4 BARRIER CURB DRAINAGE SLOTS SPACING AND DETAIL
SCALE: 1:25



CEDAR DRIVE TYPICAL SECTION
FRONTING PROPERTY #4170
SCALE: 1:100



TYPICAL PIPE TRENCH DETAIL
NTS



CEDAR DRIVE TYPICAL SECTION
FROM PROPERTY #4170 TO STA 1+405
SCALE: 1:100

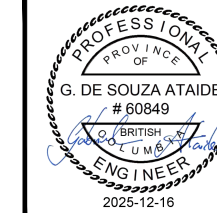
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PLOT DATE: December 15, 2025				
REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPR'D
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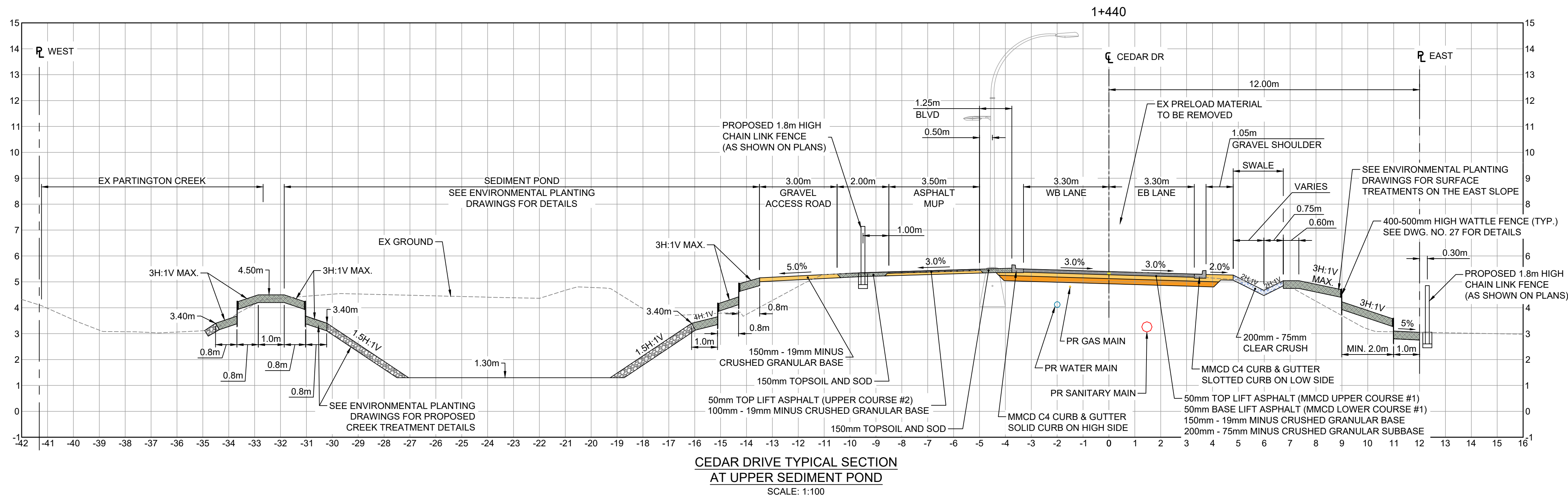
ROAD
WORKS

TYPICAL SECTIONS
CEDAR DRIVE UPGRADES - PHASE 2

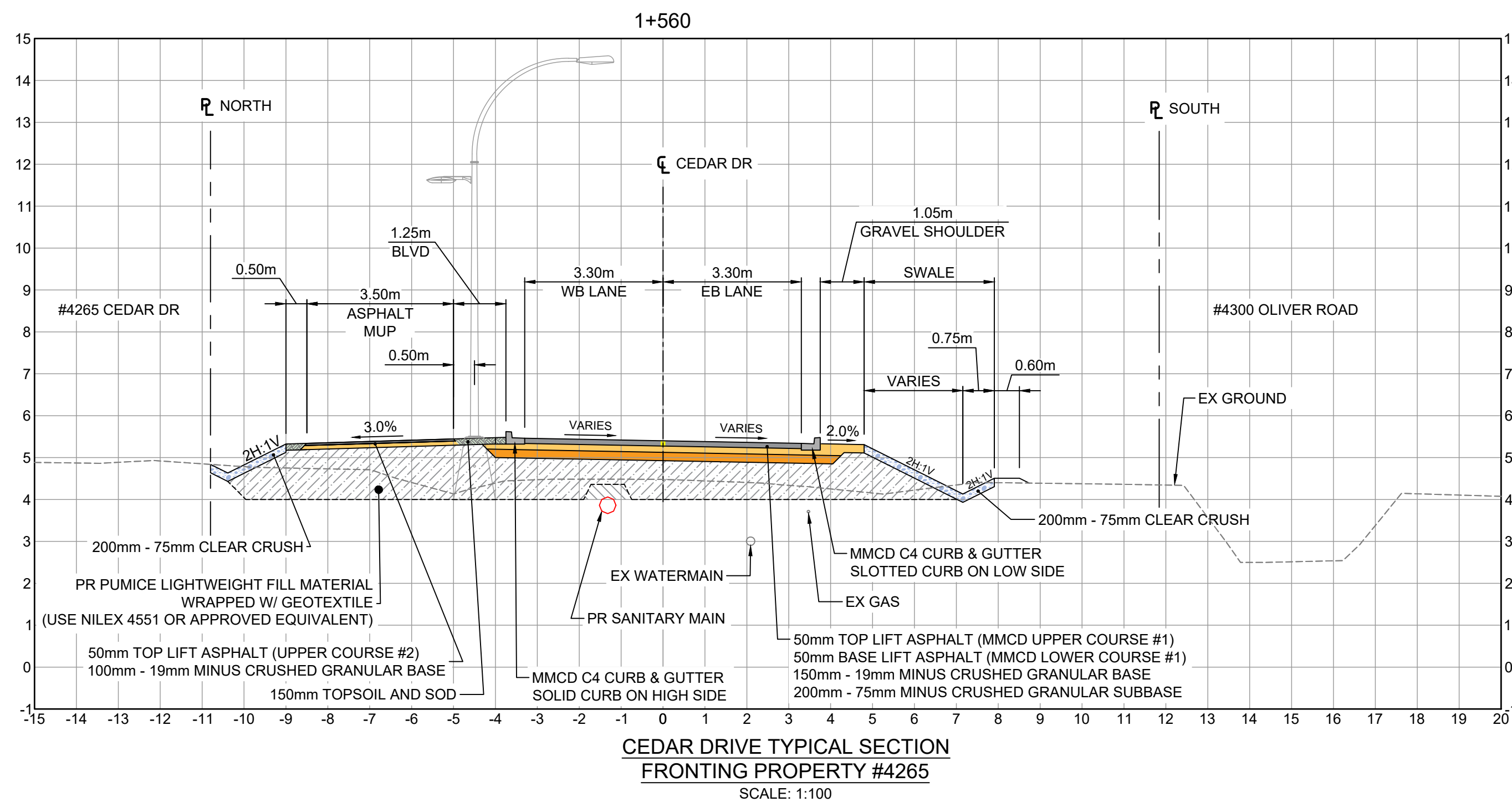


#201, 3999 Henning Drive, Burnaby, B.C. V5C 6P9
T: (604) 699-2696 F: (604) 699-2698

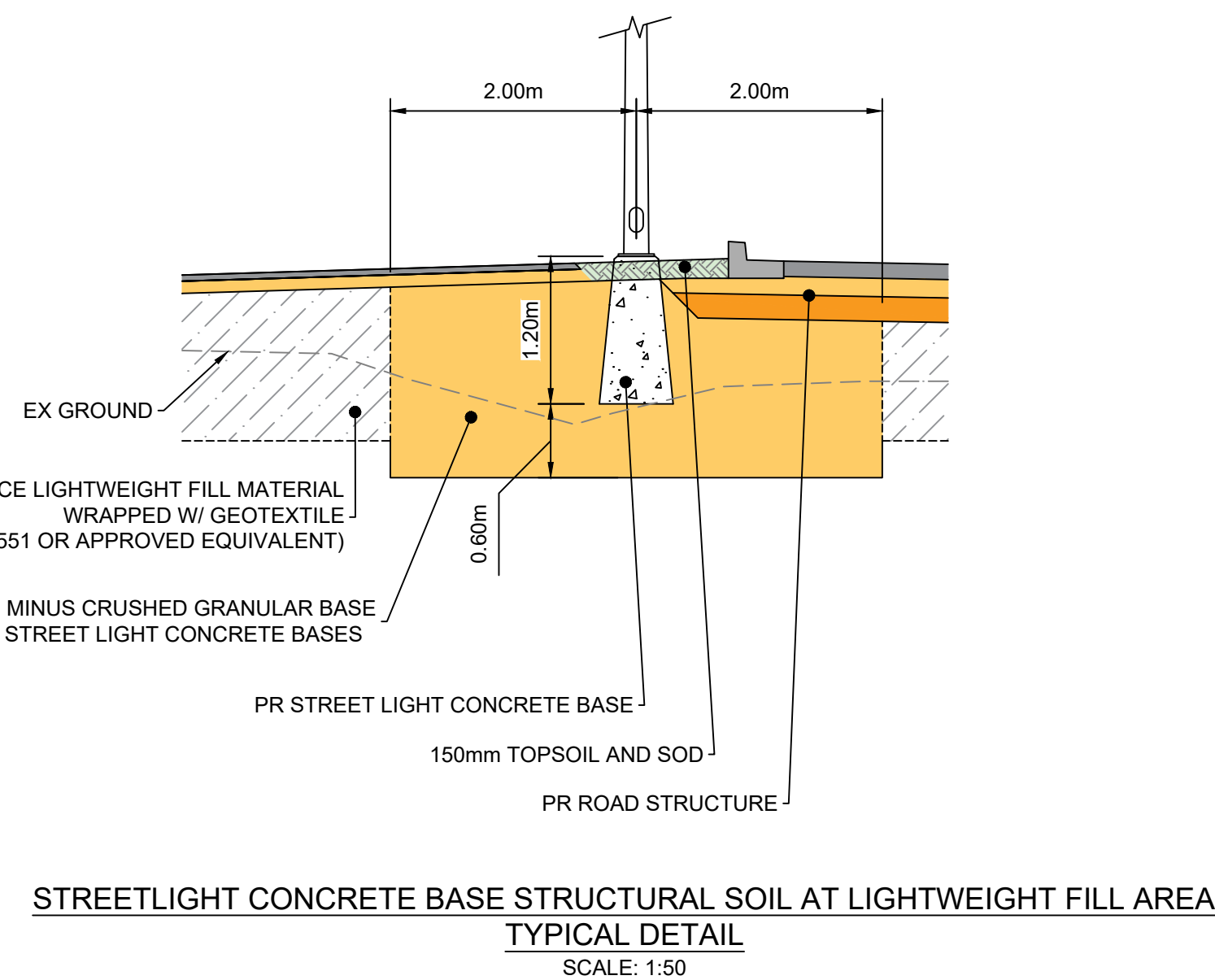
IFT DESIGN NO.		33527	
SCALE	AS SHOWN	CREATION DATE	OCT - 2023
DRAWN BY	GA	DESIGN BY	CJB
CHECKED BY	CJB	APPROVED BY	CJB
		DWG. NO.	
		03 OF 48	
		REV. A	



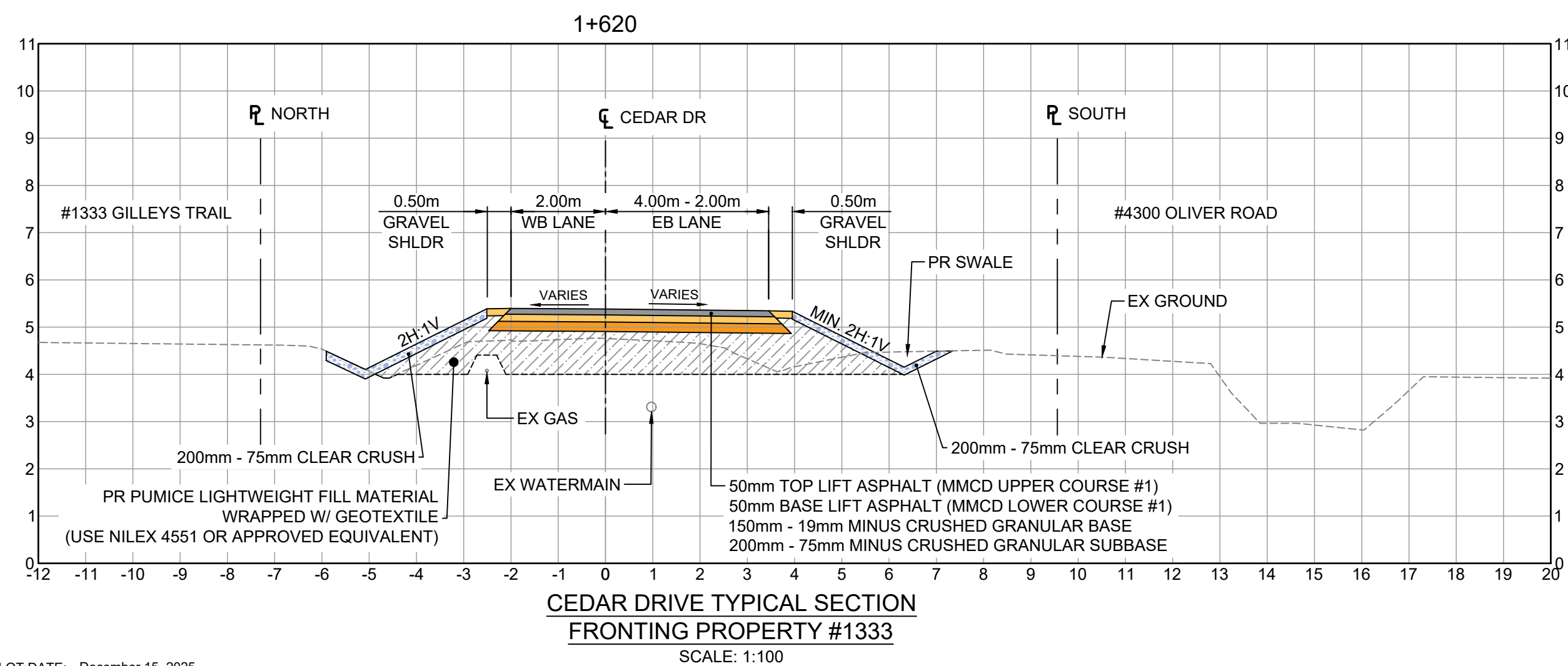
CEDAR DRIVE TYPICAL SECTION
AT UPPER SEDIMENT POND
SCALE: 1:100



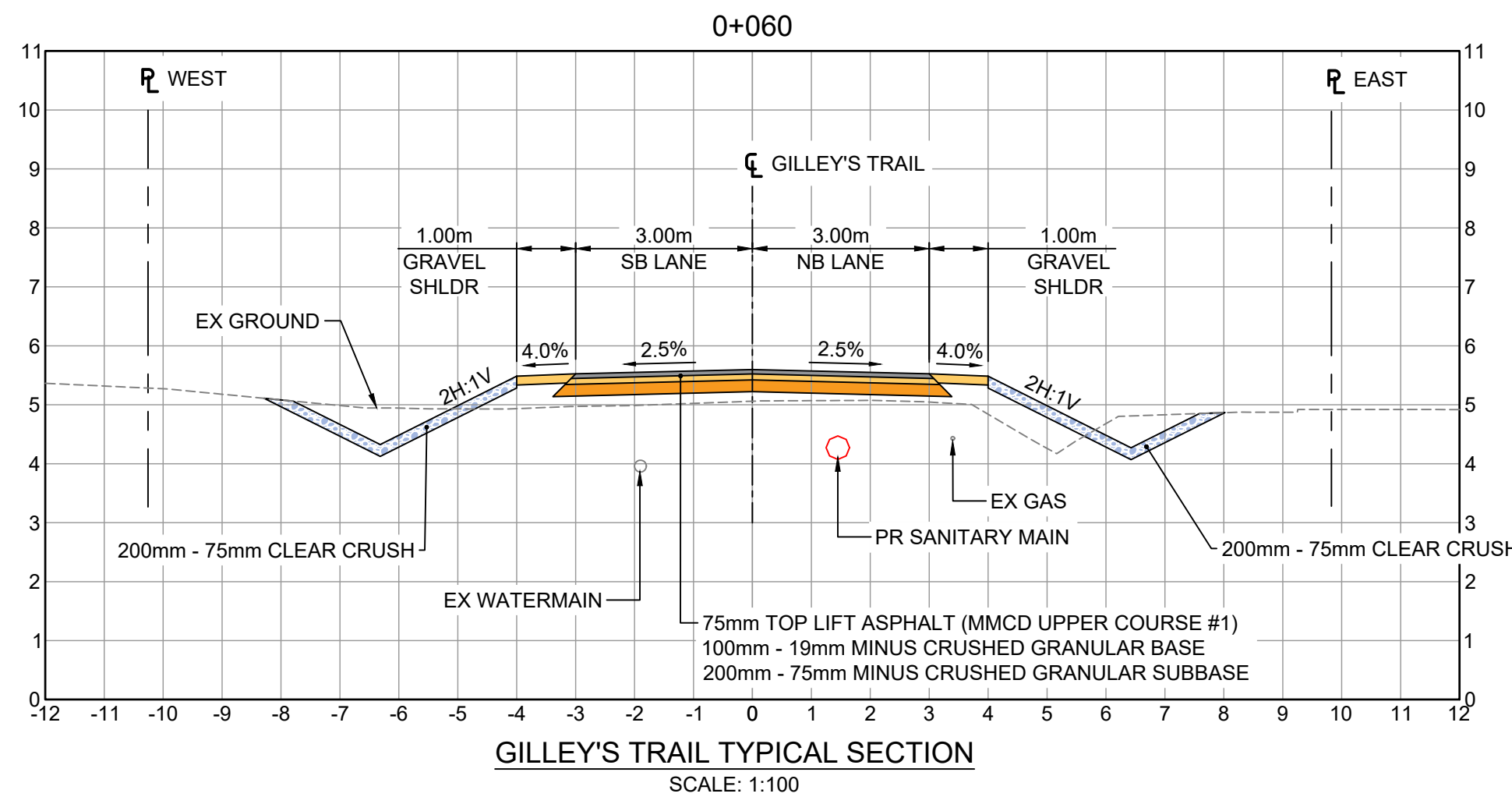
CEDAR DRIVE TYPICAL SECTION
FRONTING PROPERTY #4265
SCALE: 1:100



STREETLIGHT CONCRETE BASE STRUCTURAL SOIL AT LIGHTWEIGHT FILL AREA
TYPICAL DETAIL
SCALE: 1:50



CEDAR DRIVE TYPICAL SECTION
FRONTING PROPERTY #1333
SCALE: 1:100



GILLEY'S TRAIL TYPICAL SECTION
SCALE: 1:100

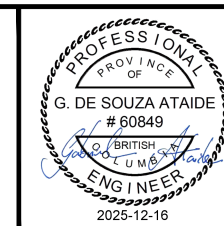
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PLOT DATE: December 15, 2025				
REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPR'D
A	ISSUED FOR TENDER	2025/12/16	GA	CJB



ROAD
WORKS

TYPICAL SECTIONS
CEDAR DRIVE UPGRADES - PHASE 2

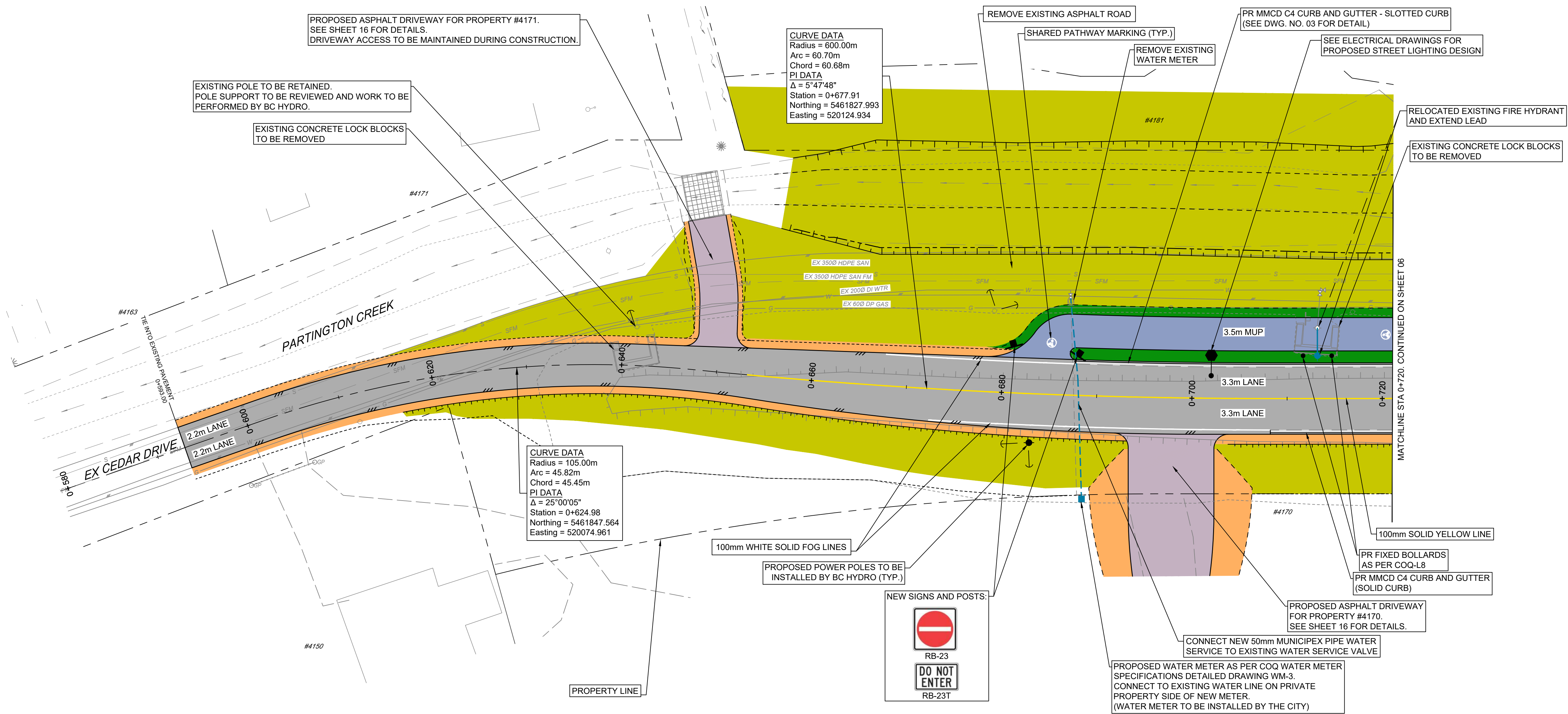


#201, 3999 Henning Drive, Burnaby, B.C. V5C 6P9
T: (604)929-2096 F: (604)929-2095

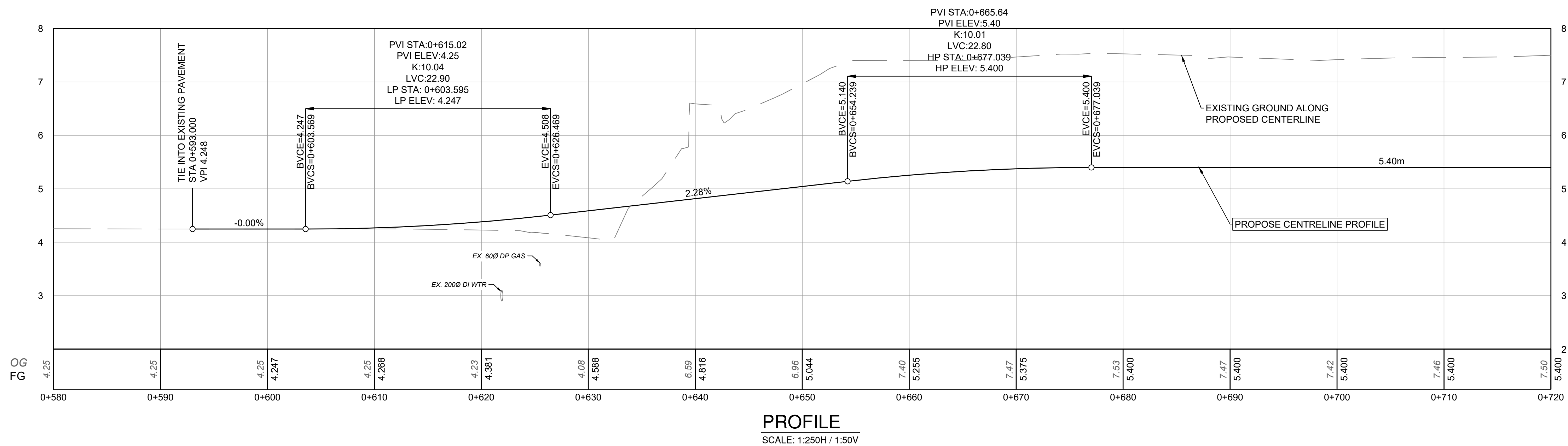
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AS SHOWN		CREATION DATE	
DRAWN BY		OCT - 2023	
GA		DESIGN BY	
CJB		CJB	
CHECKED BY		APPROVED BY	
CJB		CJB	
DWG. NO.			04 OF 48
REV.			A

33527

File: C:\ADSS\ACAD\Bentley\ISL\32828_CQ_CedarDrive\Phase2\Roadworks\32828_CQ_Cedar Drive Upgrades\32828_SH_Roadworks_and_Water_Phase_1.dwg



PLAN
SCALE: 1:250



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

SURFACE TREATMENT

ROAD SURFACE:

- 50 mm TOP LIFT ASPHALT (UPPER COURSE #1)
- 50 mm BASE LIFT (LOWER COURSE #1)
- 150 mm OF 19mm MINUS GRANULAR BASE
- 200mm OF 75mm MINUS GRANULAR SUBBASE

MULTI-USE PATH:

- 50mm HOT MIX ASPHALT (UPPER COURSE #2)
- 100mm OF 19mm MINUS GRANULAR BASE

ASPHALT DRIVEWAY:

- 50mm HOT MIX ASPHALT (UPPER COURSE #2)
- 100mm OF 19mm MINUS GRANULAR BASE
- 200mm OF 75mm MINUS GRANULAR SUBBASE (OPTIONAL AS DIRECTED BY CA)

GRAVEL DRIVEWAY / SHOULDER:

- 150mm OF 19mm MINUS GRANULAR BASE

200mm OF 75mm CLEAR CRUSHED GRAVEL

600mm OF 300mm RIPRAP

150mm TOPSOIL AND SODDING

100mm TOPSOIL AND HYDROSEED

CONCRETE

RIPARIAN PLANTING

- SEE SHEETS 03 AND 04 FOR WATTLE FENCE LOCATIONS AND INSTALLATION DETAILS
- SEE SHEETS 27 TO 32 FOR PLANTING AND SURFACE TREATMENT DETAILS

SUPERELEVATION TABLE		
CEDAR DRIVE		
Station	Left Lane	Right Lane
0+593.00m	Meet (Approx. -0.1%)	Meet (Approx. 0.4%)
0+611.04m	2.00%	-2.00%
0+636.83m	2.00%	-2.00%
0+670.00m	-3.00%	3.00%
1+380.00m	-3.00%	3.00%



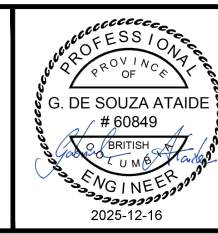
PLOT DATE: December 12, 2025

REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPR'D
A	ISSUED FOR TENDER	2025/12/16	GA	CJB

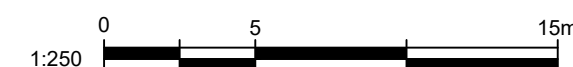
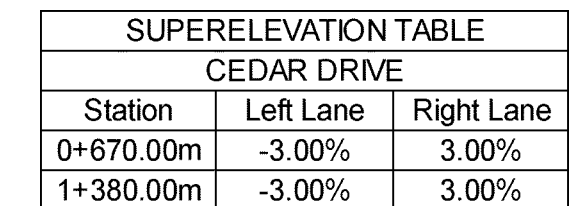


ROAD +
WATER

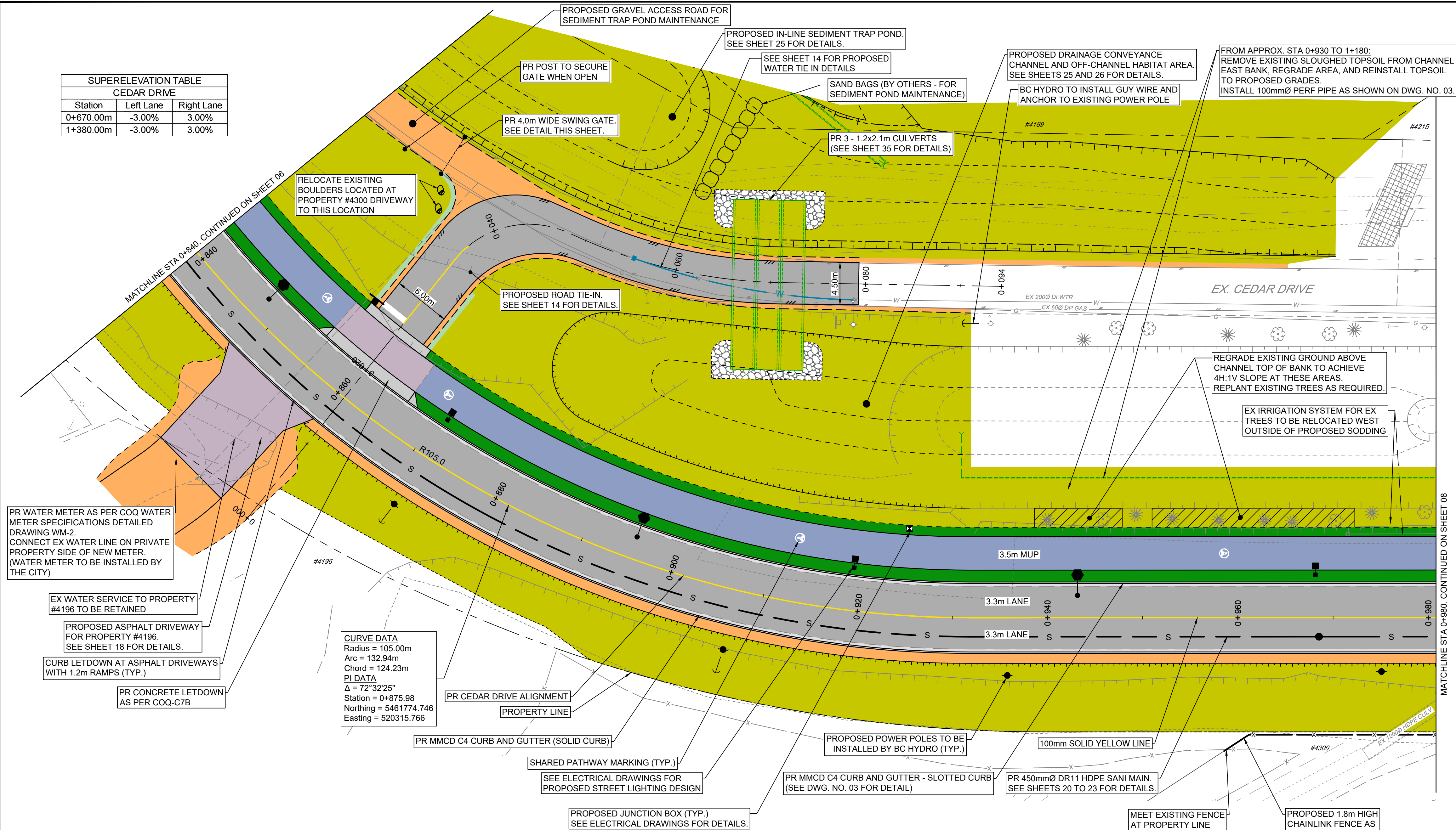
STA 0+580 TO 0+720
CEDAR DRIVE UPGRADES - PHASE 2



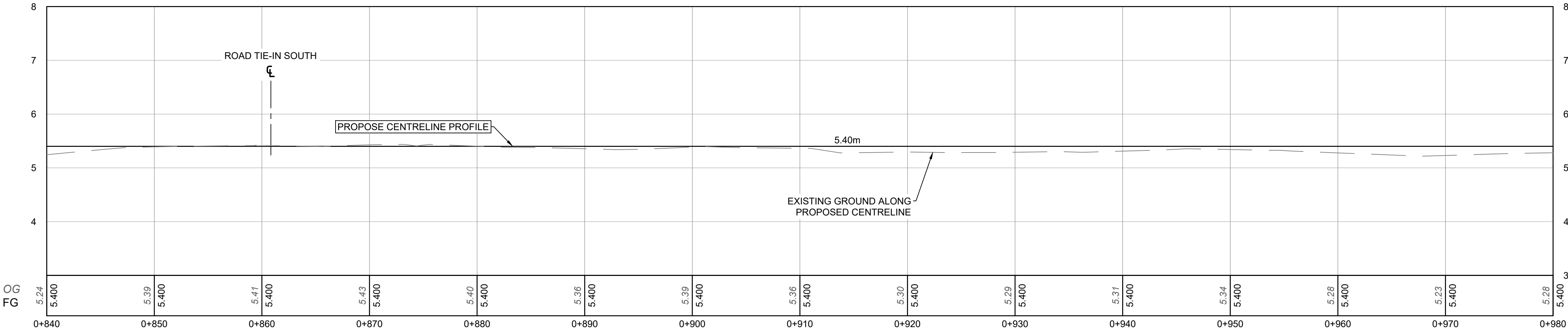
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DRAWN BY	CJB	DESIGN BY	CJB	
CHECKED BY	CJB	APPROVED BY	CJB	



SUPERELEVATION TABLE		
CEDAR DRIVE		
Station	Left Lane	Right Lane
0+670.00m	-3.00%	3.00%
1+380.00m	-3.00%	3.00%



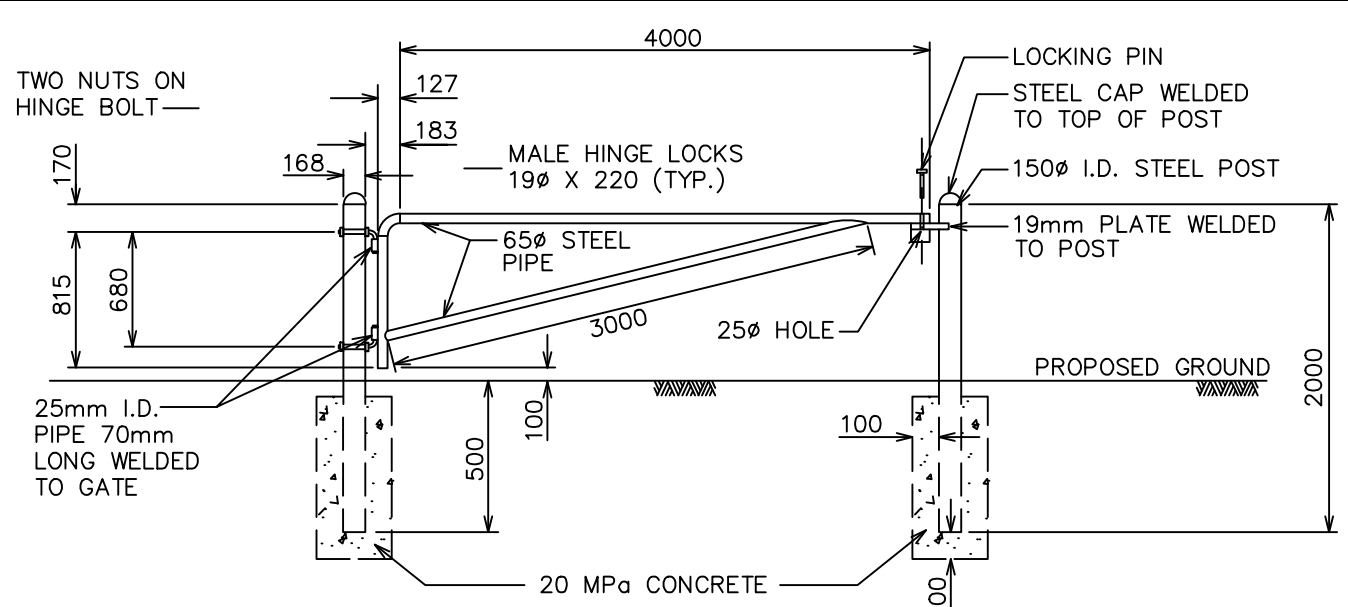
PLAN
SCALE: 1:250



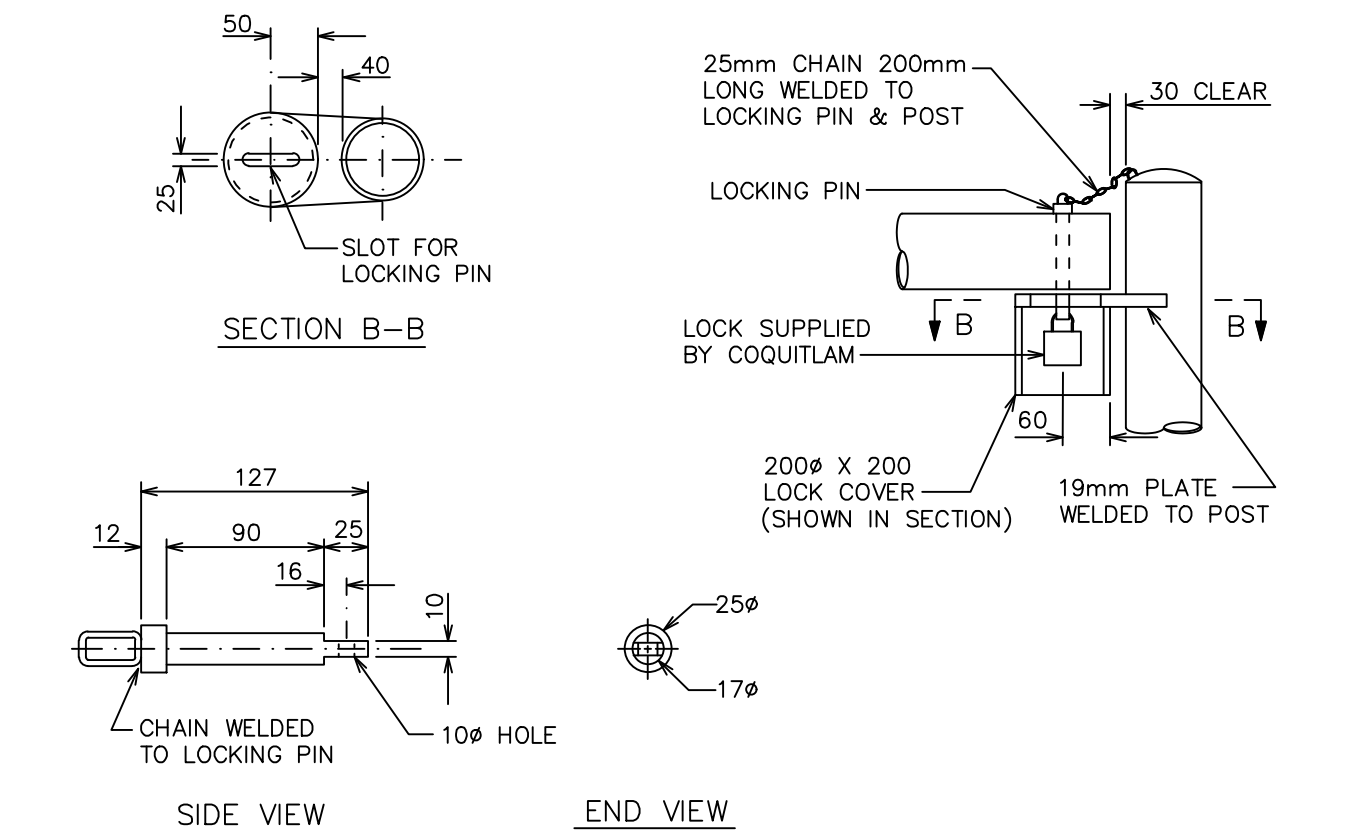
PROFILE
SCALE: 1:250H / 1:50V

SURFACE TREATMENT

- ROAD SURFACE:**
 - 50 mm TOP LIFT ASPHALT (UPPER COURSE #1)
 - 50 mm BASE LIFT (LOWER COURSE #1)
 - 150 mm OF 19mm MINUS GRANULAR BASE
 - 200mm OF 75mm MINUS GRANULAR SUBBASE
- MULTI-USE PATH:**
 - 50mm HOT MIX ASPHALT (UPPER COURSE #2)
 - 100mm OF 19mm MINUS GRANULAR BASE
- ASPHALT DRIVEWAY:**
 - 50mm HOT MIX ASPHALT (UPPER COURSE #2)
 - 100mm OF 19mm MINUS GRANULAR BASE
 - 200mm OF 75mm MINUS GRANULAR SUBBASE (OPTIONAL AS DIRECTED BY CA)
- GRAVEL DRIVEWAY / SHOULDER:**
 - 150mm OF 19mm MINUS GRANULAR BASE
- 200mm OF 75mm CLEAR CRUSHED GRAVEL**
- 600mm OF 300mm RIPRAP**
- 150mm TOPSOIL AND SODDING**
- 100mm TOPSOIL AND HYDROSEED**
- CONCRETE**
- RIPARIAN PLANTING**
 - SEE SHEETS 03 AND 04 FOR WATTLE FENCE LOCATIONS AND INSTALLATION DETAILS
 - SEE SHEETS 27 TO 32 FOR PLANTING AND SURFACE TREATMENT DETAILS



GATE DETAILS



- NOTES:
- ALL GATE COMPONENTS TO HAVE PRIME COAT AND TWO COATS OF WHITE ENAMEL PAINT.
 - ALL STEEL TO BE A MINIMUM OF A36 GRADE.

SWING GATE DETAIL

NTS



IFT DESIGN NO.

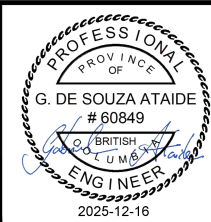
33527

PLOT DATE: December 12, 2025				
REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPR'D
A	ISSUED FOR TENDER	2025/12/16	GA	CJB



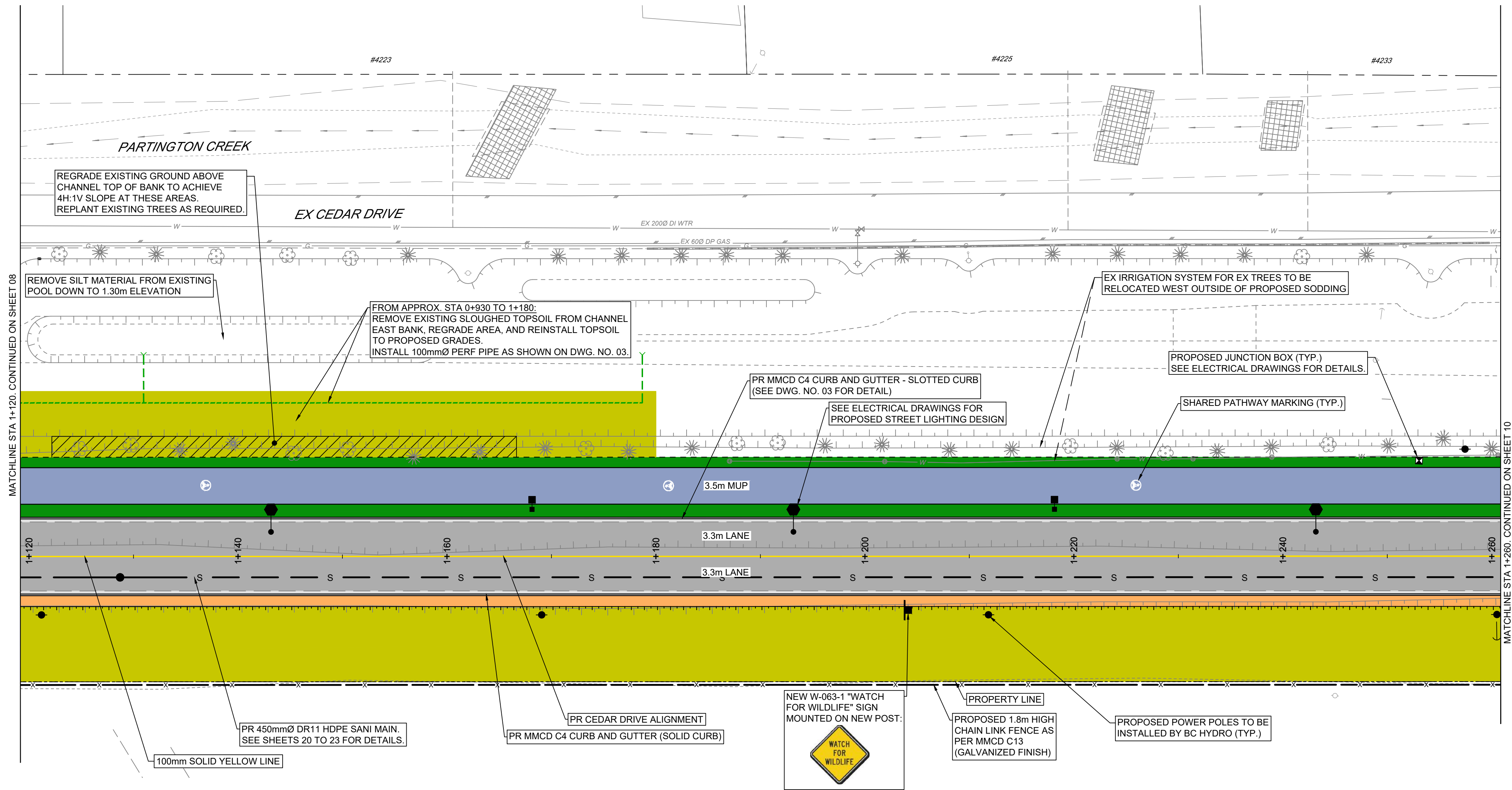
ROAD +
WATER

STA 0+840 TO 0+980
CEDAR DRIVE UPGRADES - PHASE 2

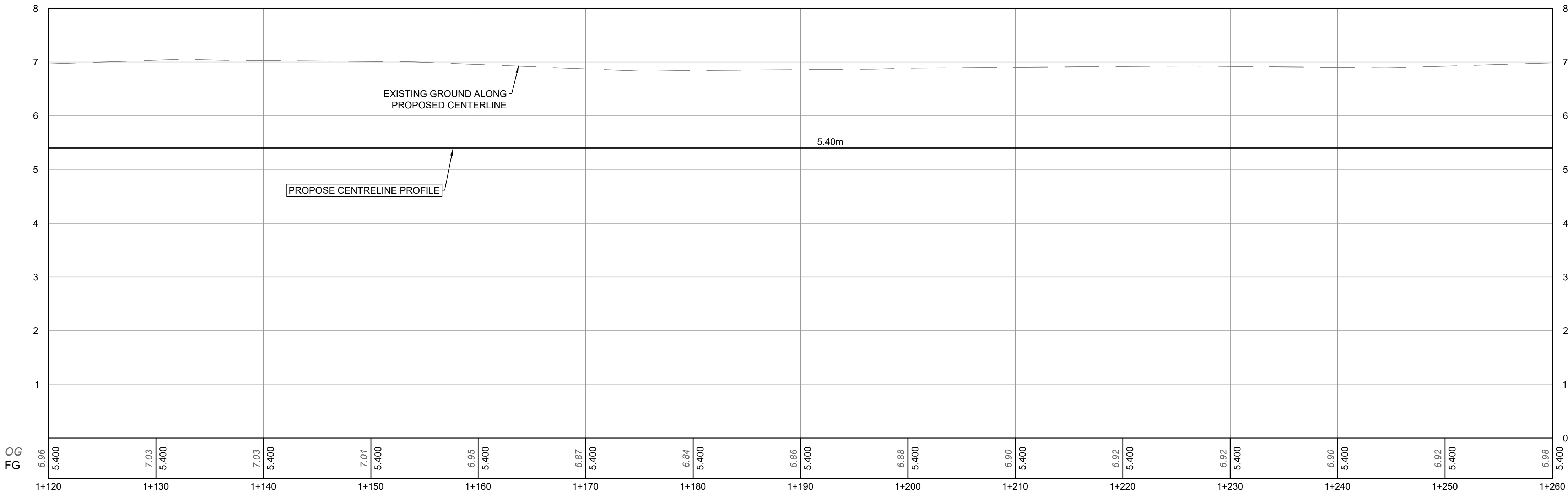


#201, 3998 Henning Drive, Burnaby, B.C. V5C 6P9
T: (604)929-3098 F: (604)929-3098

SCALE	1:250	CREATION DATE	OCT - 2023	DWG. NO.
DRAWN BY	GA	DESIGN BY	CJB	07 OF 48
CHECKED BY	CJB	APPROVED BY	CJB	REV. A



PLAN
SCALE: 1:250



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

SURFACE TREATMENT

- ROAD SURFACE:**
 - 50 mm TOP LIFT ASPHALT (UPPER COURSE #1)
 - 50 mm BASE LIFT (LOWER COURSE #1)
 - 150 mm OF 19mm MINUS GRANULAR BASE
 - 200mm OF 75mm MINUS GRANULAR SUBBASE
- MULTI-USE PATH:**
 - 50mm HOT MIX ASPHALT (UPPER COURSE #2)
 - 100mm OF 19mm MINUS GRANULAR BASE
- ASPHALT DRIVEWAY:**
 - 50mm HOT MIX ASPHALT (UPPER COURSE #2)
 - 100mm OF 19mm MINUS GRANULAR BASE
 - 200mm OF 75mm MINUS GRANULAR SUBBASE (OPTIONAL AS DIRECTED BY CA)
- GRAVEL DRIVEWAY / SHOULDER:**
 - 150mm OF 19mm MINUS GRANULAR BASE
- 200mm OF 75mm CLEAR CRUSHED GRAVEL**
- 600mm OF 300mm RIPRAP**
- 150mm TOPSOIL AND SODDING**
- 100mm TOPSOIL AND HYDROSEED**
- CONCRETE**
- RIPARIAN PLANTING**
 - SEE SHEETS 03 AND 04 FOR WATTLE FENCE LOCATIONS AND INSTALLATION DETAILS
 - SEE SHEETS 27 TO 32 FOR PLANTING AND SURFACE TREATMENT DETAILS

SUPERELEVATION TABLE		
CEDAR DRIVE		
Station	Left Lane	Right Lane
0+670.00m	-3.00%	3.00%
1+380.00m	-3.00%	3.00%

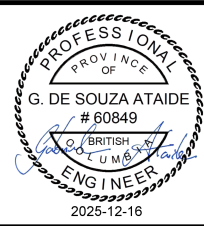


PLOT DATE: December 12, 2025				
REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPR'D
A	ISSUED FOR TENDER	2025/12/16	GA	CJB



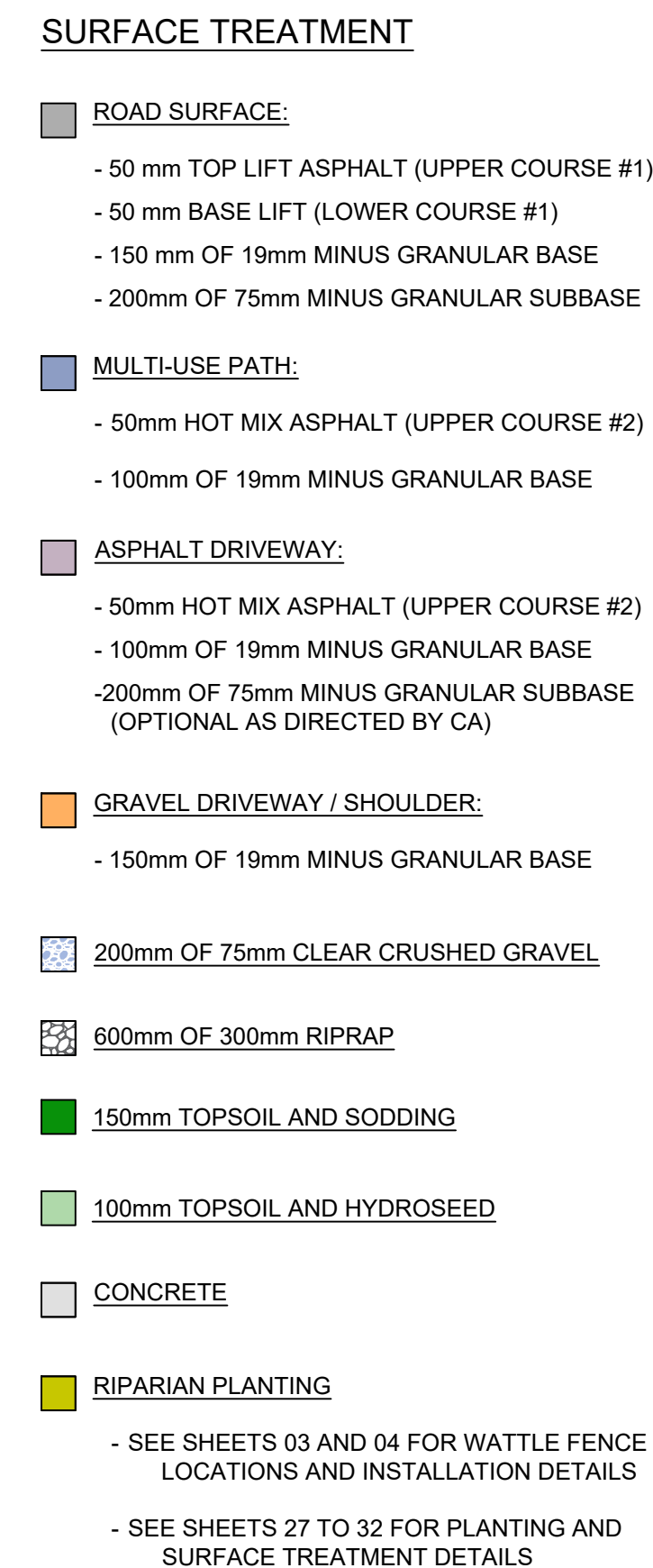
ROAD +
WATER

STA 1+120 TO 1+260
CEDAR DRIVE UPGRADES - PHASE 2

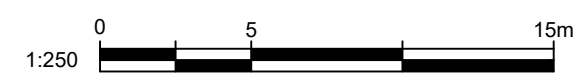
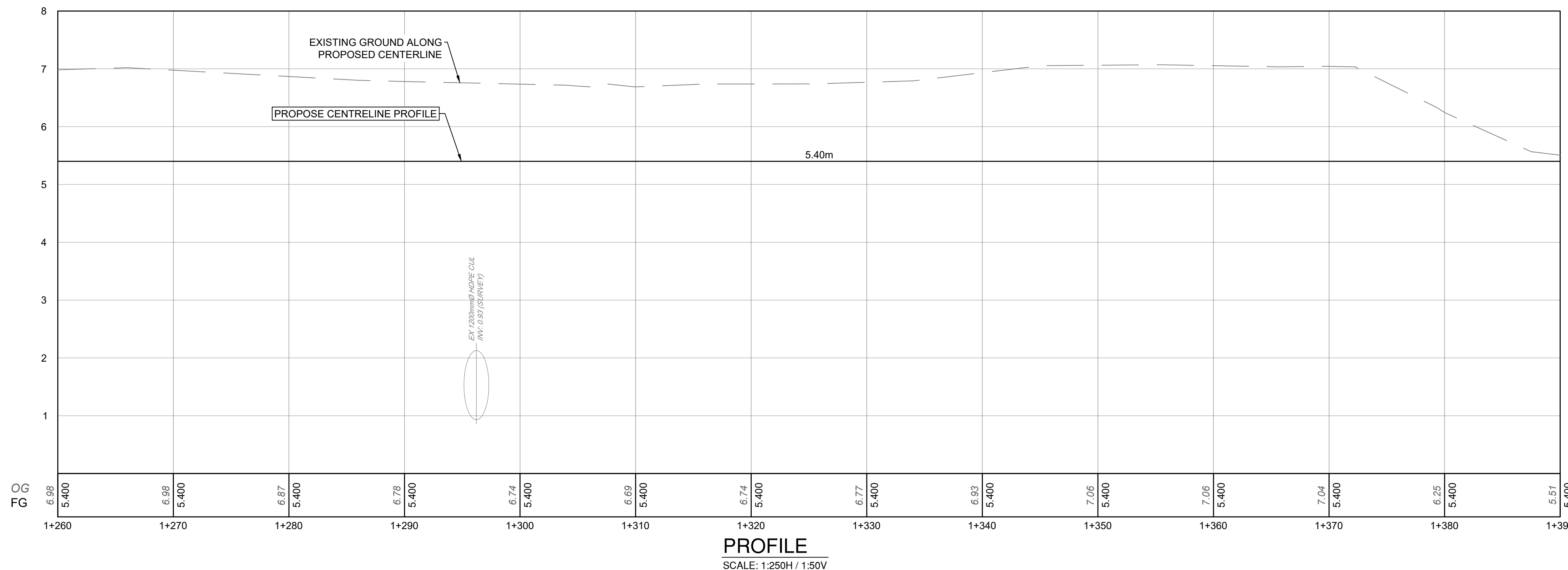


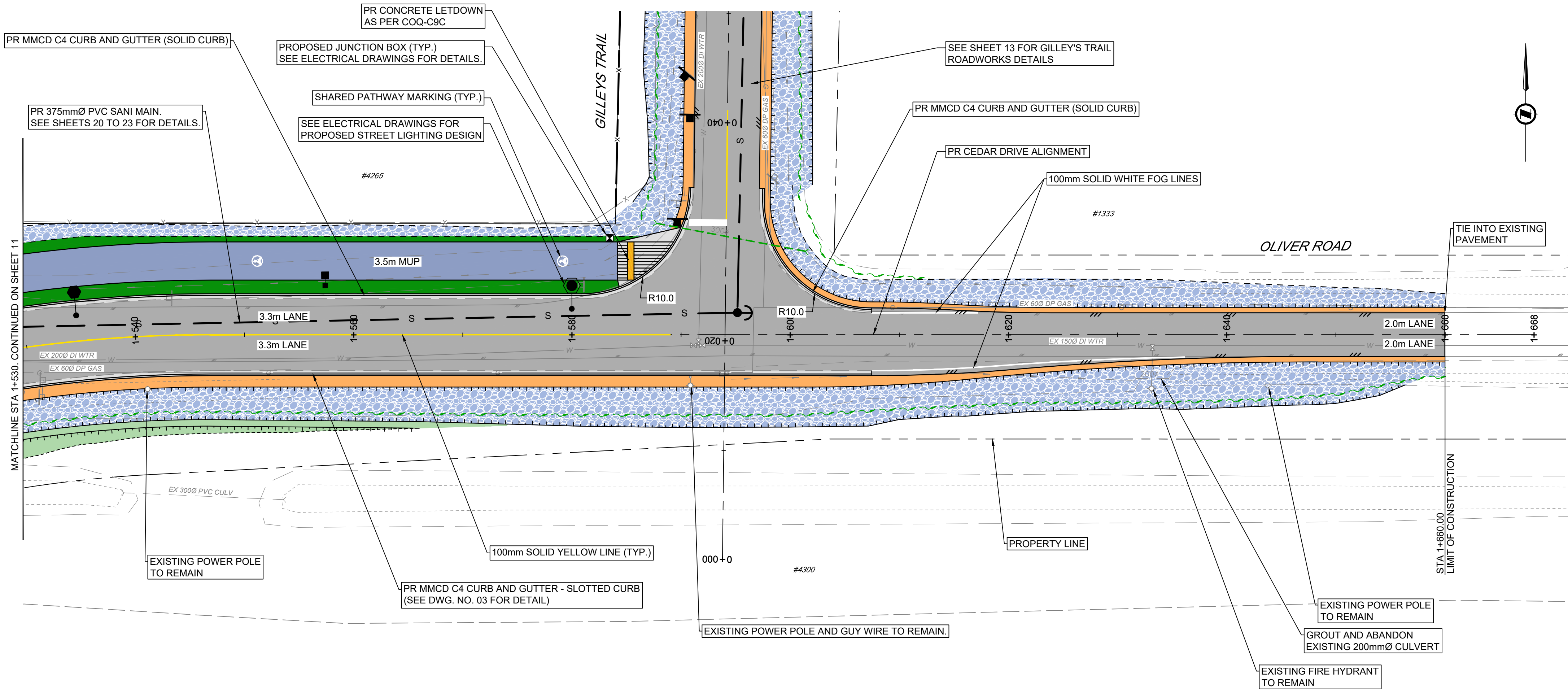
#201, 3995 Henning Drive, Burnaby, B.C. V5C 6P9
T: (604)929-3096 F: (604)929-3095

SCALE	1:250	CREATION DATE	OCT - 2023	DWG. NO. 09 OF 48
DRAWN BY	GA	DESIGN BY	CJB	
CHECKED BY	CJB	APPROVED BY	CJB	

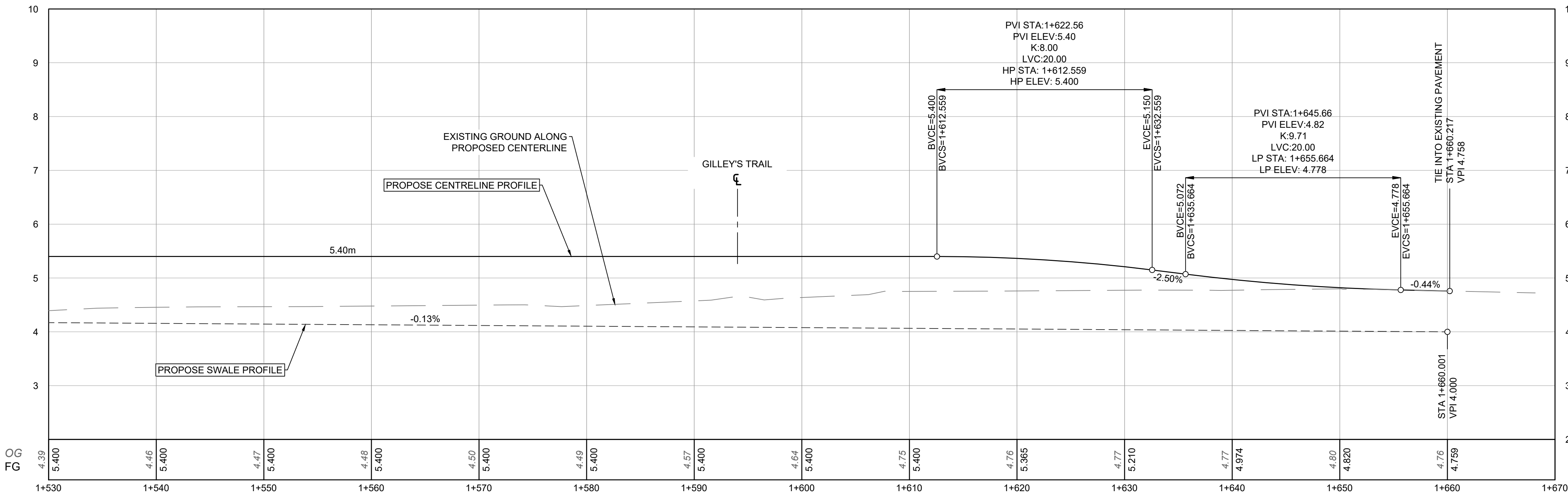


SUPERELEVATION TABLE		
CEDAR DRIVE		
Station	Left Lane	Right Lane
0+670.00m	-3.00%	3.00%
1+380.00m	-3.00%	3.00%
1+423.50m	3.00%	-3.00%





PLAN
SCALE: 1:250



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

SURFACE TREATMENT

- ROAD SURFACE:**
 - 50 mm TOP LIFT ASPHALT (UPPER COURSE #1)
 - 50 mm BASE LIFT (LOWER COURSE #1)
 - 150 mm OF 19mm MINUS GRANULAR BASE
 - 200mm OF 75mm MINUS GRANULAR SUBBASE
- MULTI-USE PATH:**
 - 50mm HOT MIX ASPHALT (UPPER COURSE #2)
 - 100mm OF 19mm MINUS GRANULAR BASE
- ASPHALT DRIVEWAY:**
 - 50mm HOT MIX ASPHALT (UPPER COURSE #2)
 - 100mm OF 19mm MINUS GRANULAR BASE
 - 200mm OF 75mm MINUS GRANULAR SUBBASE (OPTIONAL AS DIRECTED BY CA)
- GRAVEL DRIVEWAY / SHOULDER:**
 - 150mm OF 19mm MINUS GRANULAR BASE
- 200mm OF 75mm CLEAR CRUSHED GRAVEL**
- 600mm OF 300mm RIPRAP**
- 150mm TOPSOIL AND SODDING**
- 100mm TOPSOIL AND HYDROSEED**
- CONCRETE**
- RIPARIAN PLANTING**
 - SEE SHEETS 03 AND 04 FOR WATTLE FENCE LOCATIONS AND INSTALLATION DETAILS
 - SEE SHEETS 27 TO 32 FOR PLANTING AND SURFACE TREATMENT DETAILS

SUPERELEVATION TABLE		
CEDAR DRIVE		
Station	Left Lane	Right Lane
1+423.50m	3.00%	-3.00%
1+546.20m	3.00%	-3.00%
1+575.00m	0.50%	-0.50%
1+610.00m	0.50%	-0.50%
1+660.00m	Meet (Approx. 1.5%)	Meet (Approx. -3.6%)



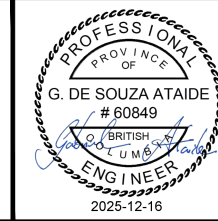
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PLOT DATE: December 12, 2025				
REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPR'D
A	ISSUED FOR TENDER	2025/12/16	GA	CJB



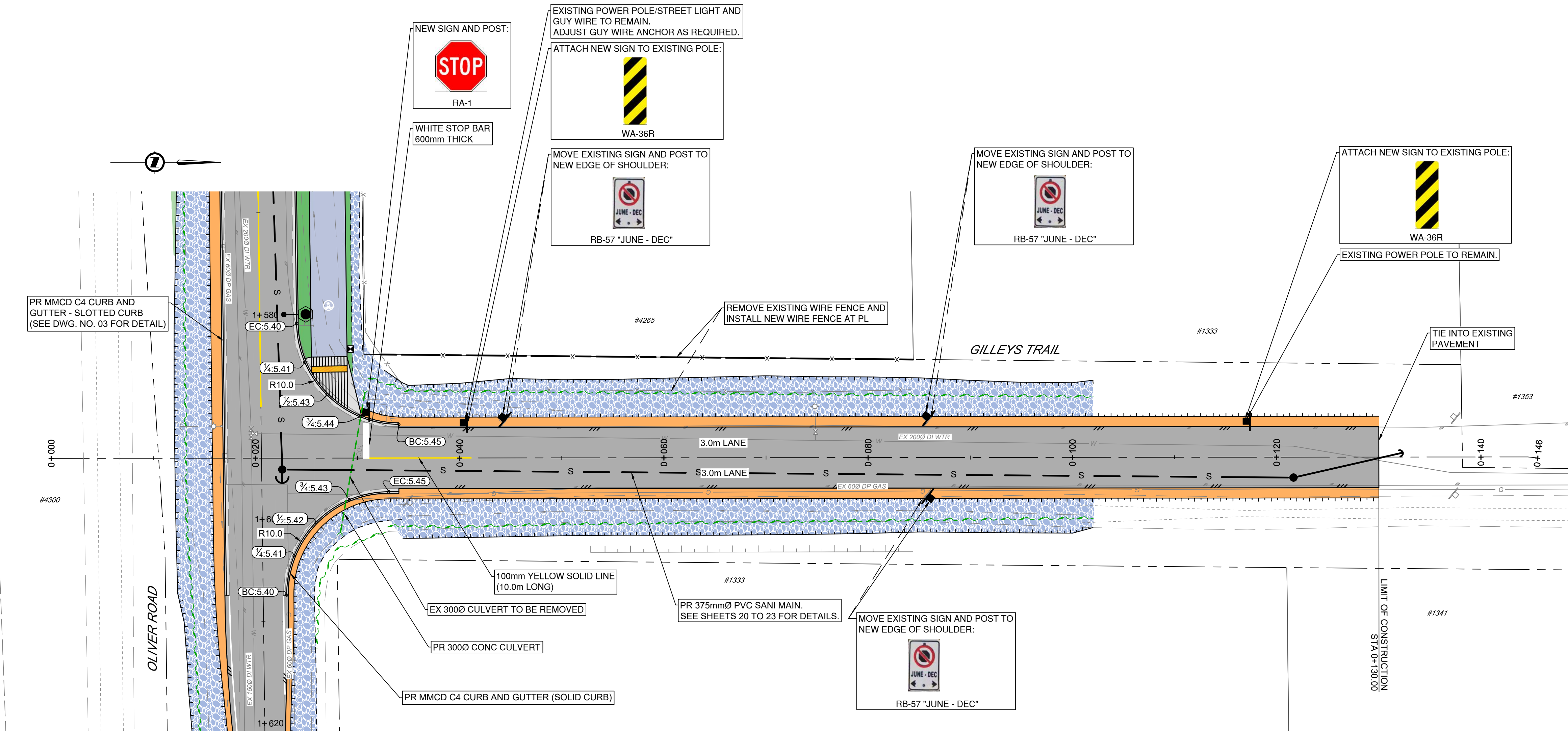
ROAD +
WATER

STA 1+530 TO 1+670
CEDAR DRIVE UPGRADES - PHASE 2



IFT DESIGN NO.		33527	
SCALE	1:250	CREATION DATE	OCT - 2023
DRAWN BY	GA	DESIGN BY	CJB
CHECKED BY	CJB	APPROVED BY	CJB
		DWG. NO. 12 OF 48	
		REV. A	

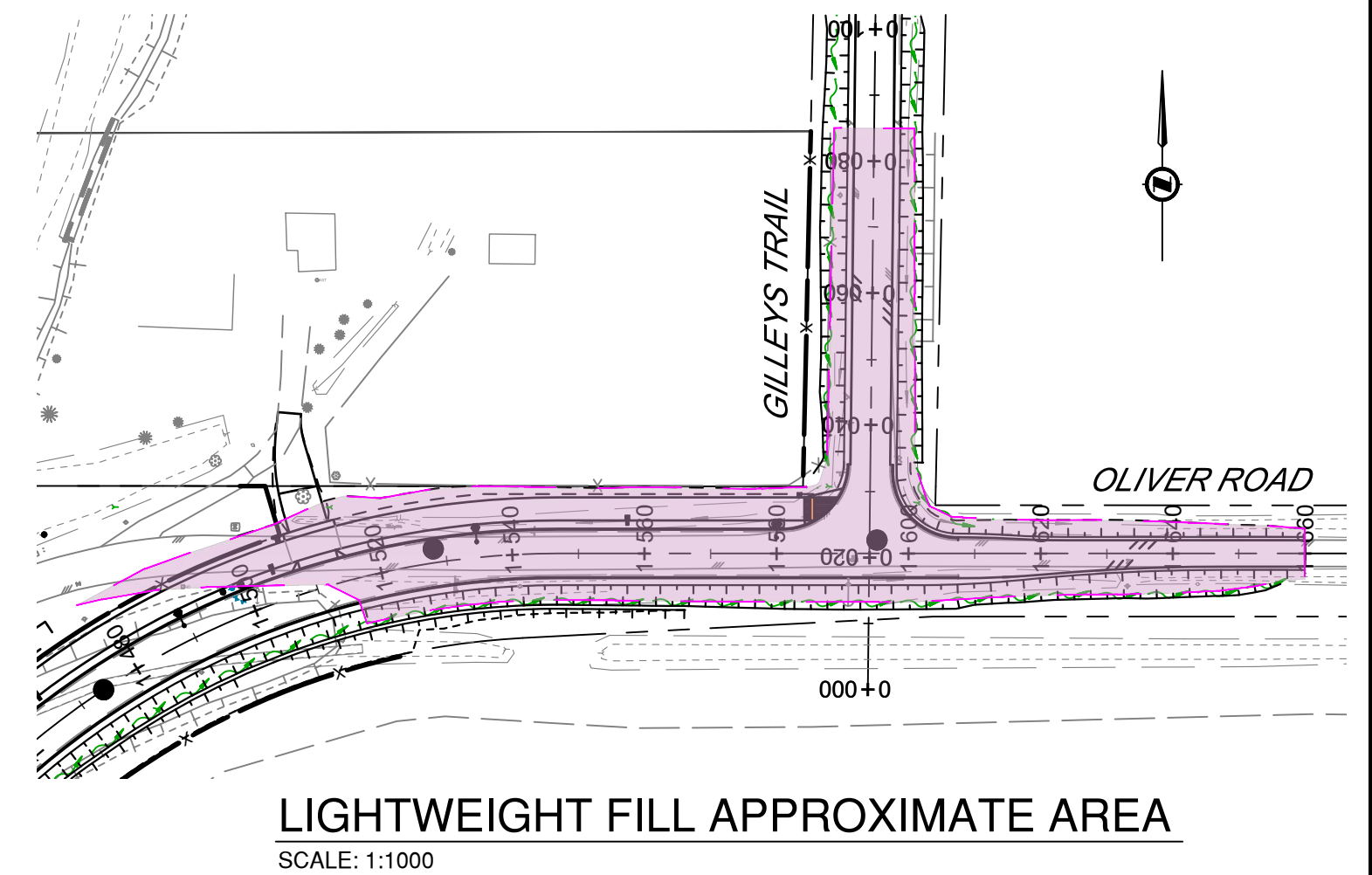
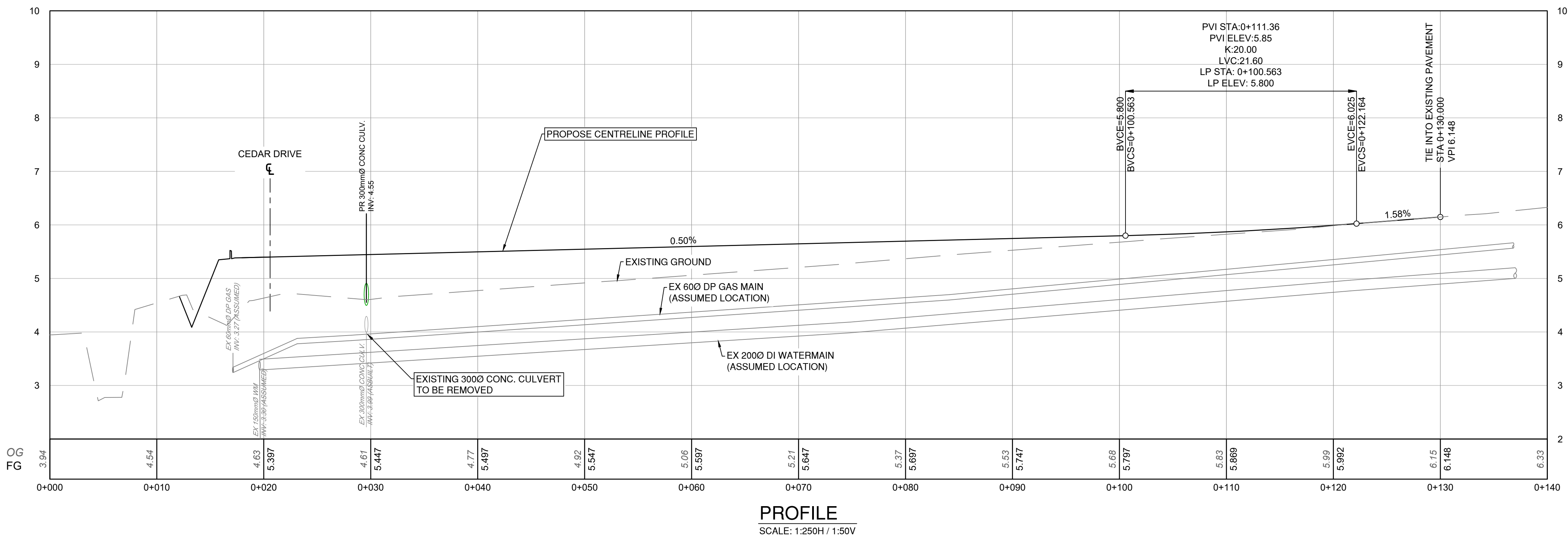
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SURFACE TREATMENT

- ROAD SURFACE:**
 - 50 mm TOP LIFT ASPHALT (UPPER COURSE #1)
 - 50 mm BASE LIFT (LOWER COURSE #1)
 - 150 mm OF 19mm MINUS GRANULAR BASE
 - 200mm OF 75mm MINUS GRANULAR SUBBASE
- MULTI-USE PATH:**
 - 50mm HOT MIX ASPHALT (UPPER COURSE #2)
 - 100mm OF 19mm MINUS GRANULAR BASE
- ASPHALT DRIVEWAY:**
 - 50mm HOT MIX ASPHALT (UPPER COURSE #2)
 - 100mm OF 19mm MINUS GRANULAR BASE
 - 200mm OF 75mm MINUS GRANULAR SUBBASE (OPTIONAL AS DIRECTED BY CA)
- GRAVEL DRIVEWAY / SHOULDER:**
 - 150mm OF 19mm MINUS GRANULAR BASE
- 200mm OF 75mm CLEAR CRUSHED GRAVEL**
- 600mm OF 300mm RIPRAP**
- 150mm TOPSOIL AND SODDING**
- 100mm TOPSOIL AND HYDROSEED**
- CONCRETE**
- RIPARIAN PLANTING**
 - SEE SHEETS 03 AND 04 FOR WATTLE FENCE LOCATIONS AND INSTALLATION DETAILS
 - SEE SHEETS 27 TO 32 FOR PLANTING AND SURFACE TREATMENT DETAILS

SUPERELEVATION TABLE		
GILLEYS TRAIL		
Station	Left Lane	Right Lane
0+034.04m	0.00%	0.00%
0+060.00m	-2.50%	-2.50%
0+120.00m	-2.50%	-2.50%
0+130.00m	Meet (Approx. -2.1%)	Meet (Approx. -1.5%)



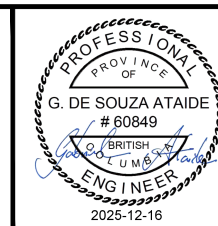
PLOT DATE: December 12, 2025

REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPR'D
A	ISSUED FOR TENDER	2025/12/16	GA	CJB

Coquitlam

ROAD +
WATER

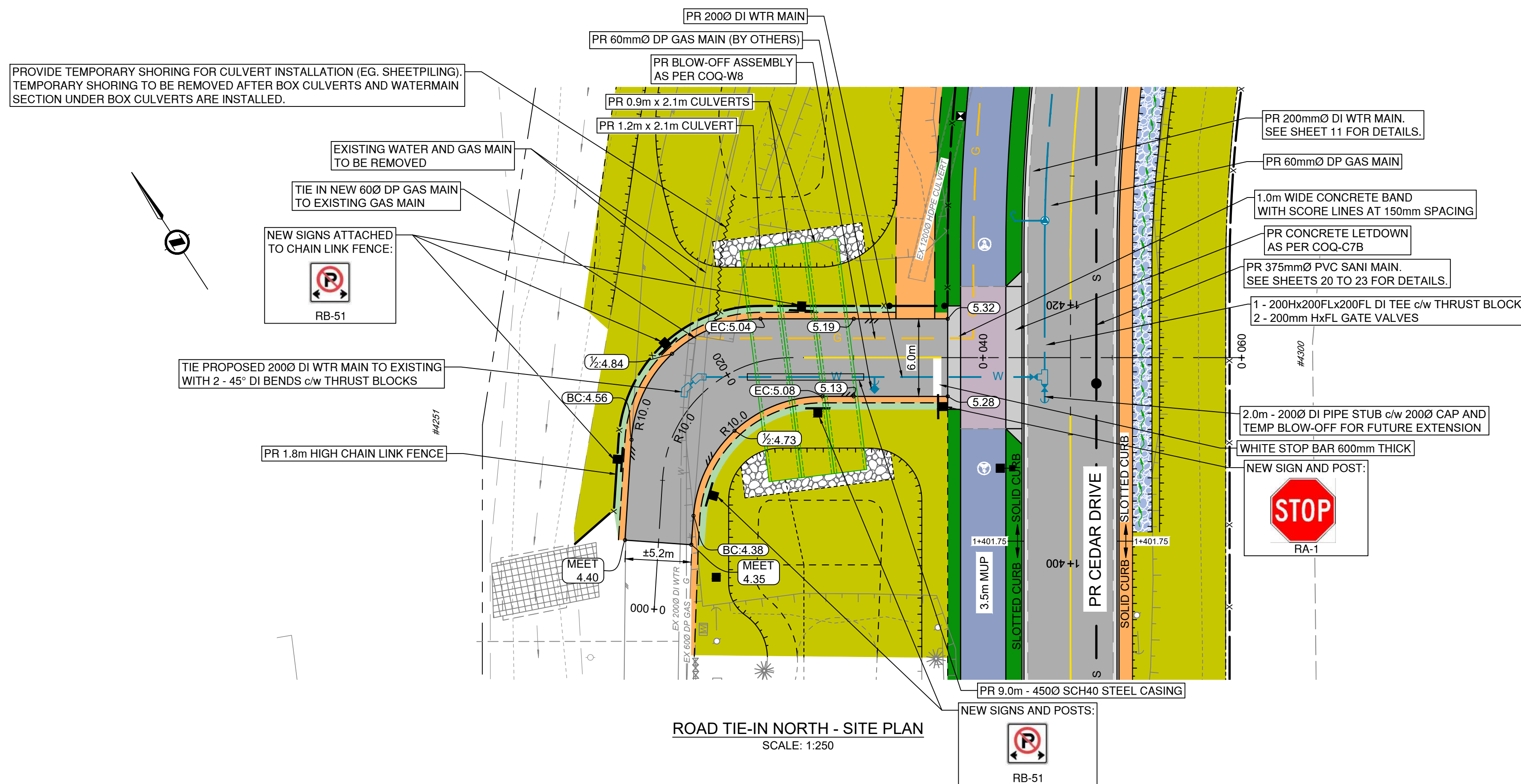
GILLEY'S TRAIL
CEDAR DRIVE UPGRADES - PHASE 2



IFT		DESIGN NO.		33527
SCALE	1:250	CREATION DATE	OCT - 2023	
DRAWN BY	GA	DESIGN BY	CJB	
CHECKED BY	CJB	APPROVED BY	CJB	
				REV. A

DWG. NO.
14
OF
48
REV. A

File: C:\ADSS\ACCDoc\SL\32828_CD_CedarDrivePhase1\Drawings\203_Sheets\Phase 1 and 2 - Cedar Drive Upgrades\32828_SH_Road_Tie-in_Phase_1.dwg



SURFACE TREATMENT

- ROAD SURFACE:**
- 50 mm TOP LIFT ASPHALT (UPPER COURSE #1)
 - 50 mm BASE LIFT (LOWER COURSE #1)
 - 150 mm OF 19mm MINUS GRANULAR BASE
 - 200mm OF 75mm MINUS GRANULAR SUBBASE

- MULTI-USE PATH:**
- 50mm HOT MIX ASPHALT (UPPER COURSE #2)
 - 100mm OF 19mm MINUS GRANULAR BASE

- ASPHALT DRIVEWAY:**
- 50mm HOT MIX ASPHALT (UPPER COURSE #2)
 - 100mm OF 19mm MINUS GRANULAR BASE
 - 200mm OF 75mm MINUS GRANULAR SUBBASE (OPTIONAL AS DIRECTED BY CA)

- GRAVEL DRIVEWAY / SHOULDER:**
- 150mm OF 19mm MINUS GRANULAR BASE

- 200mm OF 75mm CLEAR CRUSHED GRAVEL**

- 600mm OF 300mm RIPRAP**

- 150mm TOPSOIL AND SODDING**

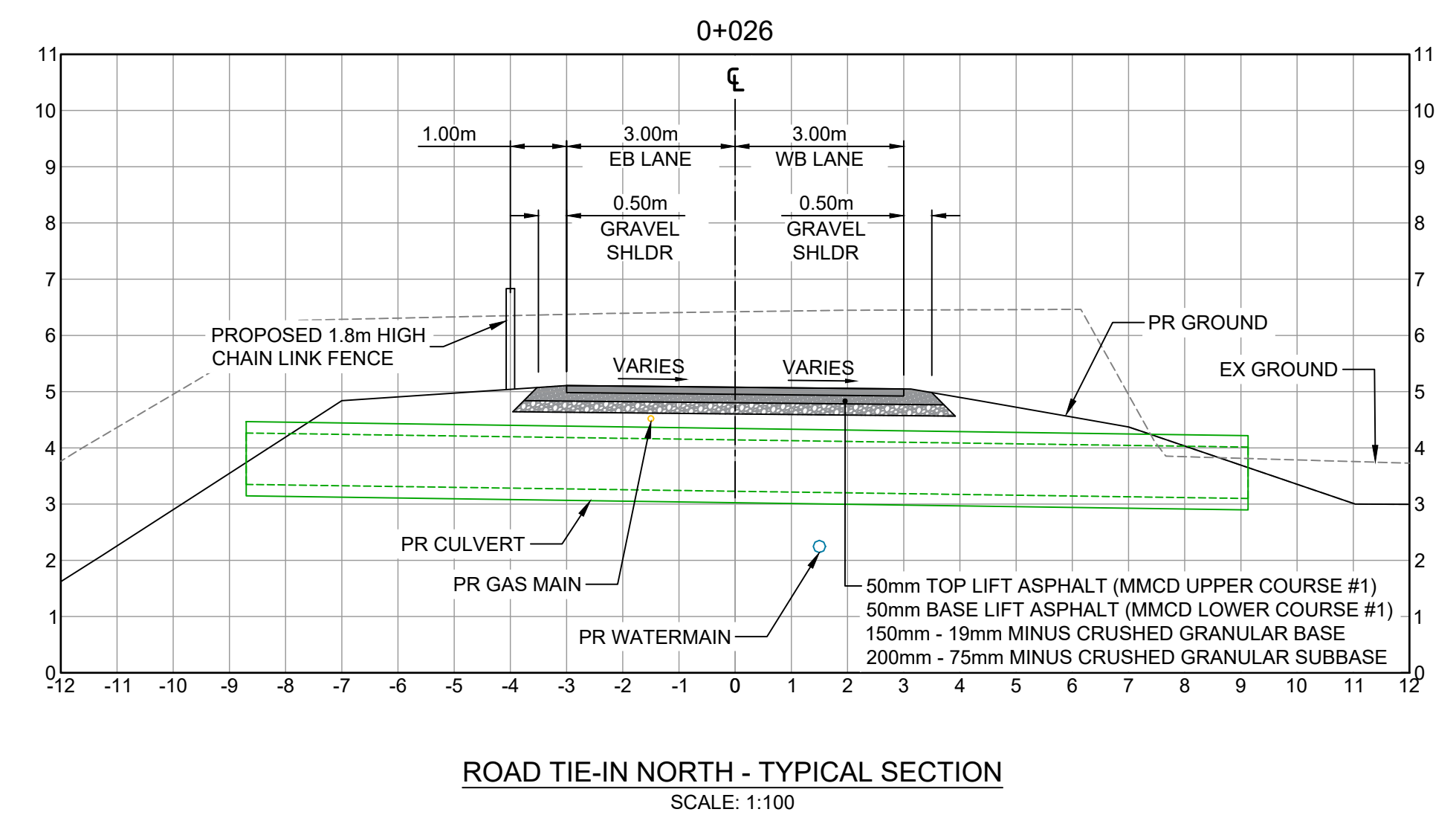
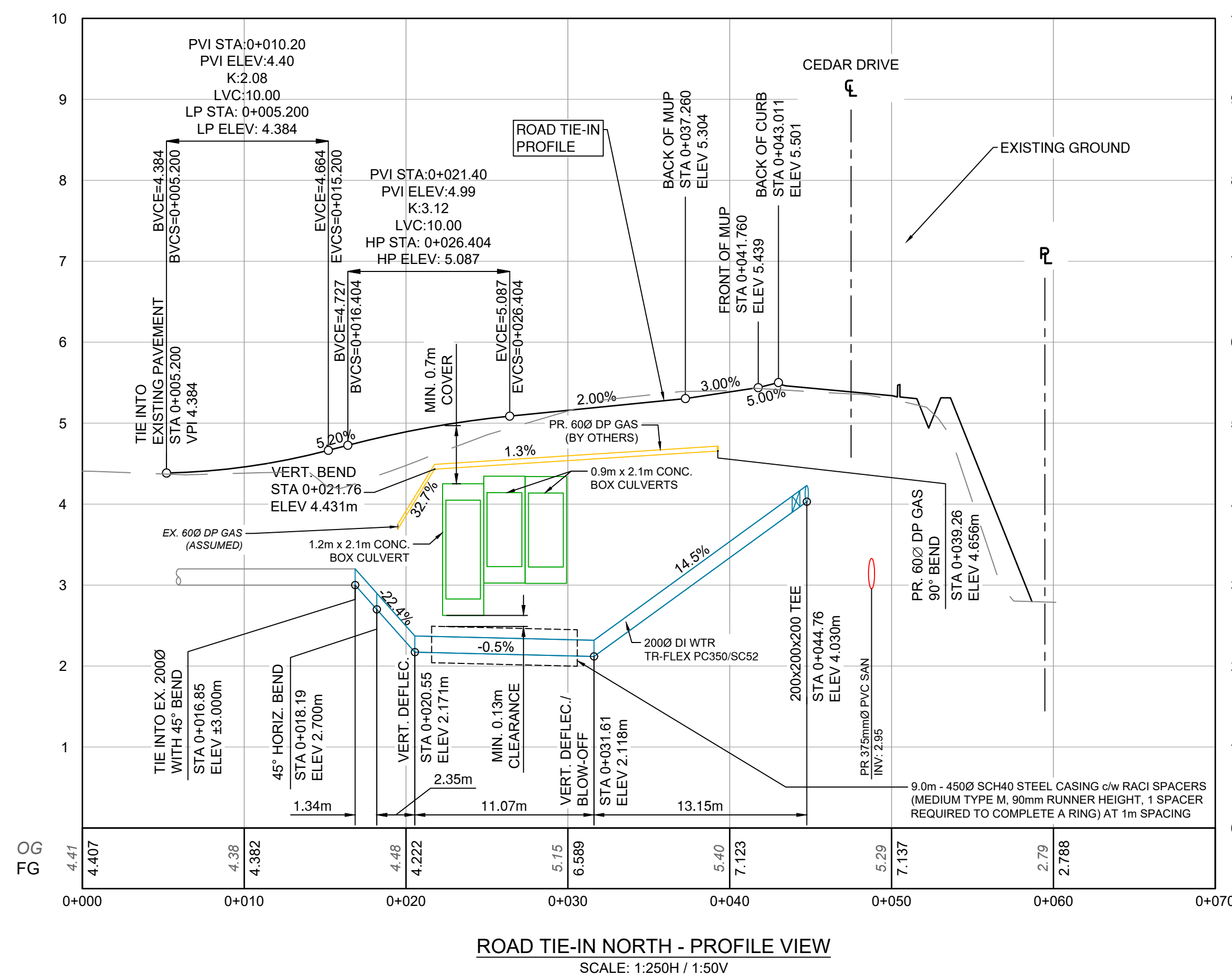
- 100mm TOPSOIL AND HYDROSEED**

- CONCRETE**

- RIPARIAN PLANTING**

- SEE SHEETS 03 AND 04 FOR WATTLE FENCE LOCATIONS AND INSTALLATION DETAILS

- SEE SHEETS 27 TO 32 FOR PLANTING AND SURFACE TREATMENT DETAILS



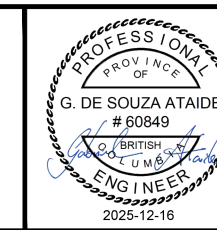
PLOT DATE: December 15, 2025

REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPR'D
A	ISSUED FOR TENDER	2025/12/16	GA	CJB

Coquitlam

ROAD +
WATER

ROAD TIE-IN NORTH
CEDAR DRIVE UPGRADES - PHASE 2

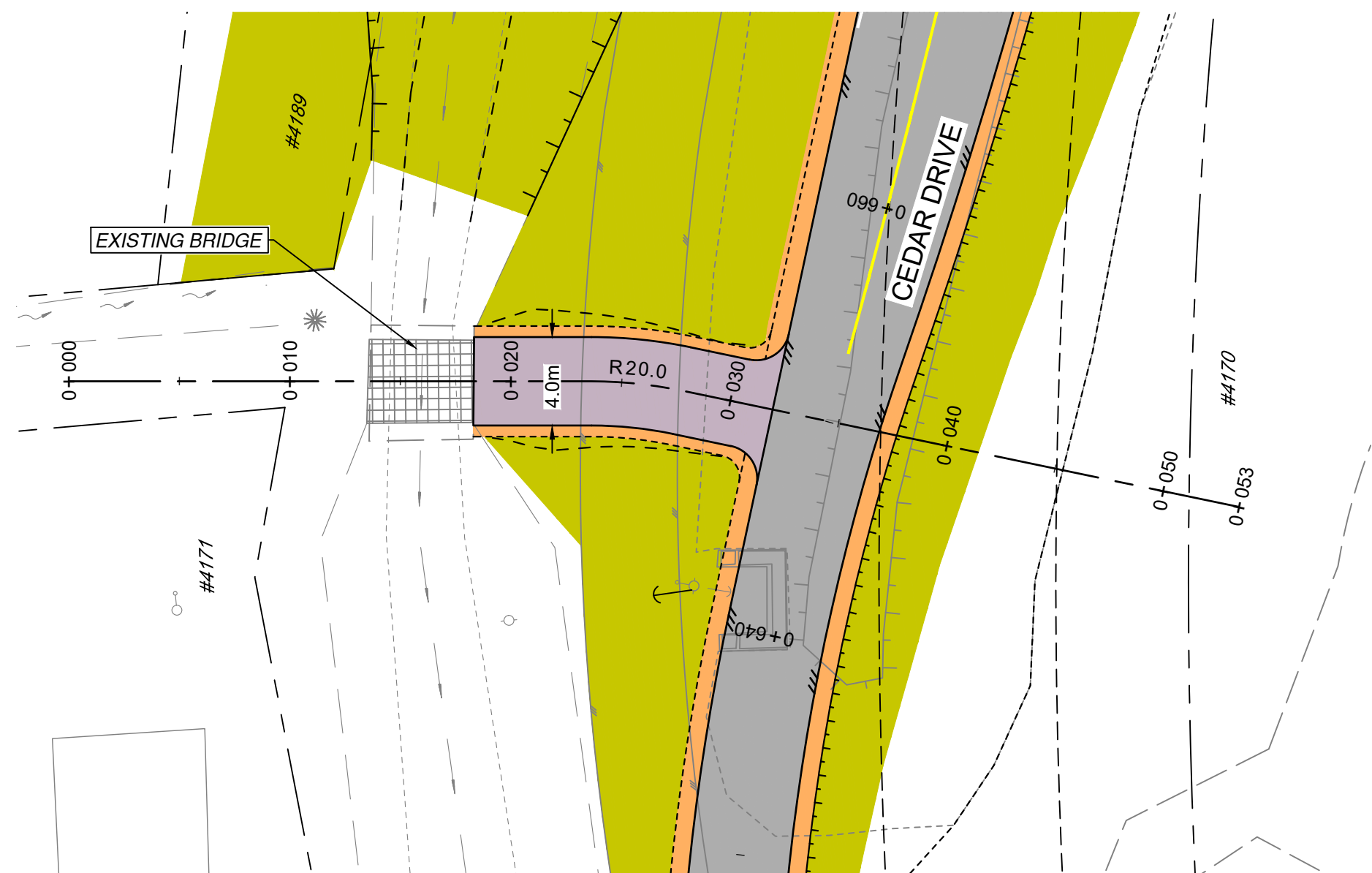
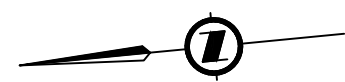


#201, 3999 Henning Drive, Burnaby, B.C. V5C 6P9
T: (604) 292-2096 F: (604) 292-2098

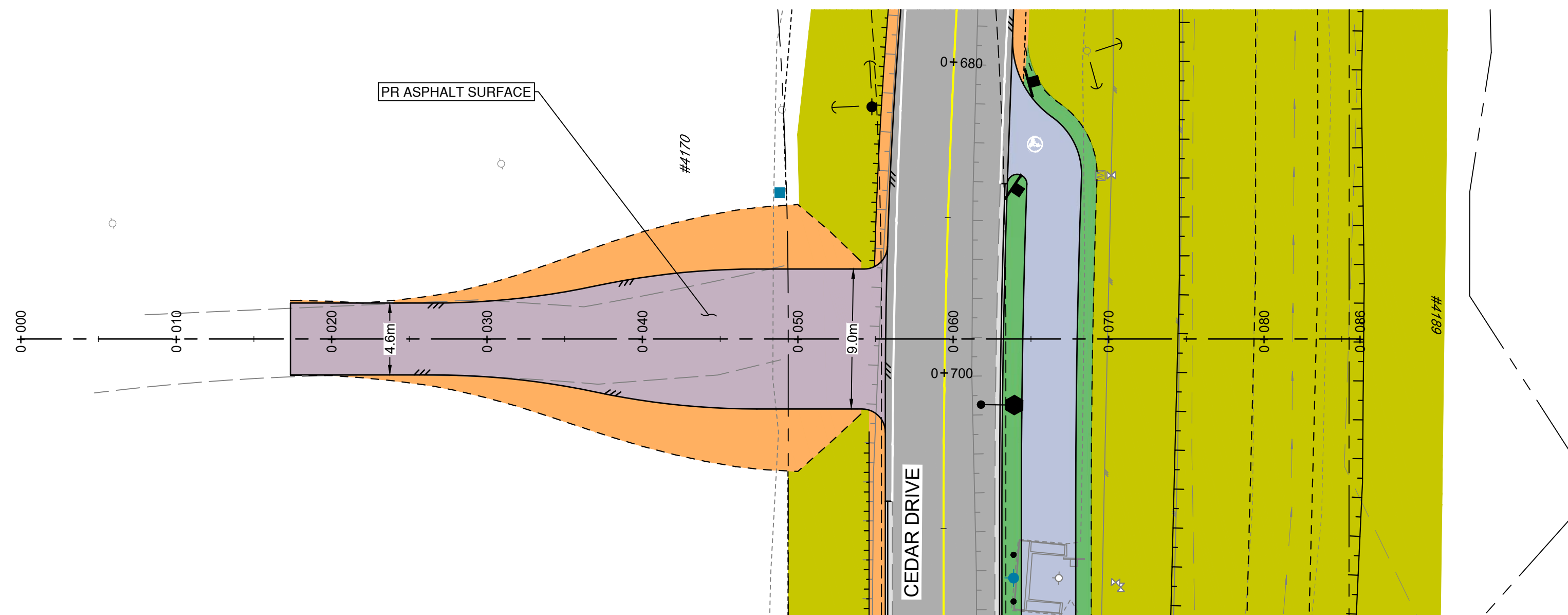
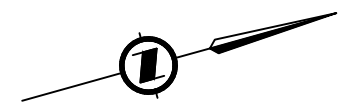
IFT
DESIGN NO.

SCALE	1:250	CREATION DATE	OCT - 2023	DWG. NO.
DRAWN BY	GA	DESIGN BY	CJB	15 OF 48
CHECKED BY	CJB	APPROVED BY	CJB	REV. A

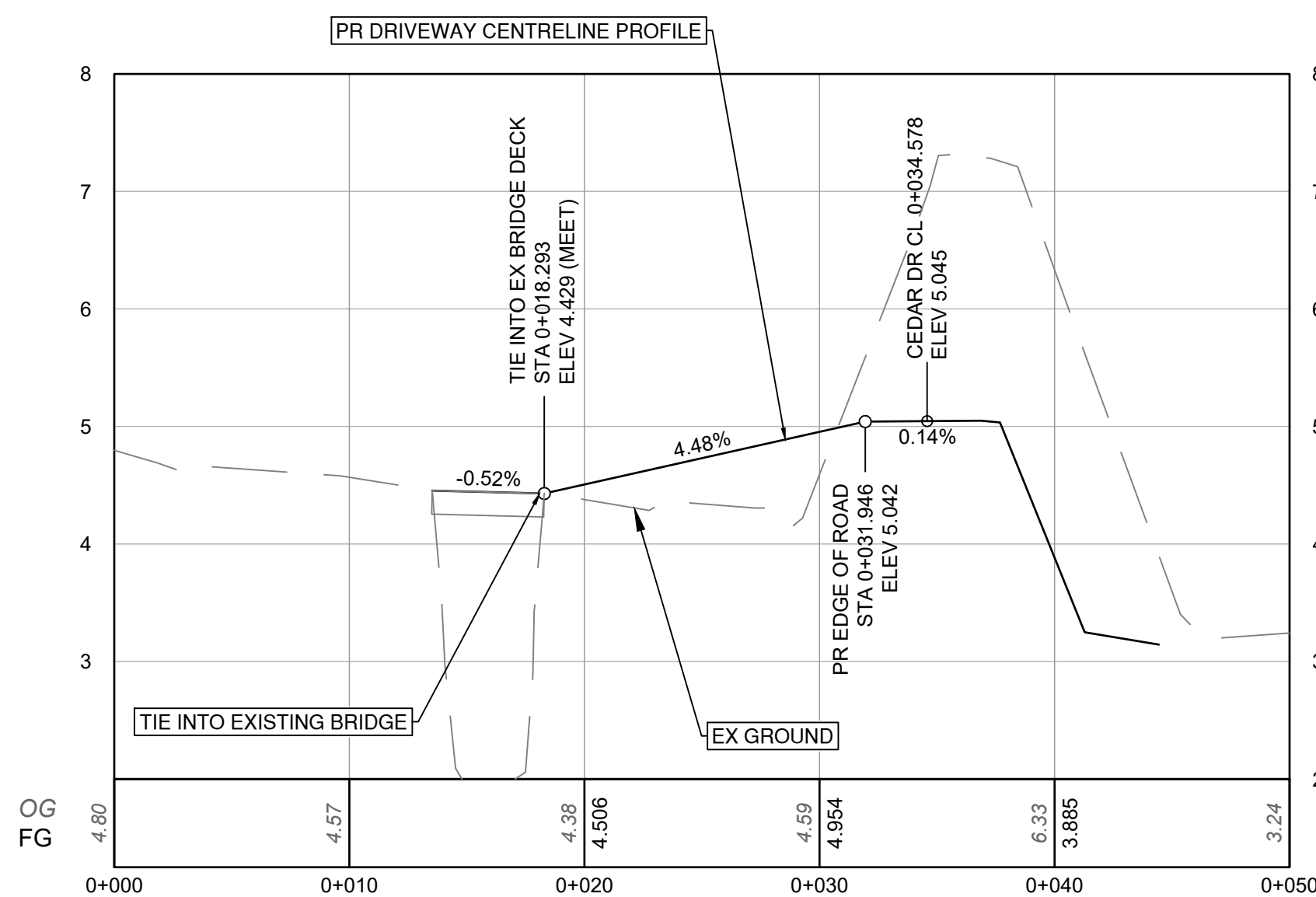
33527



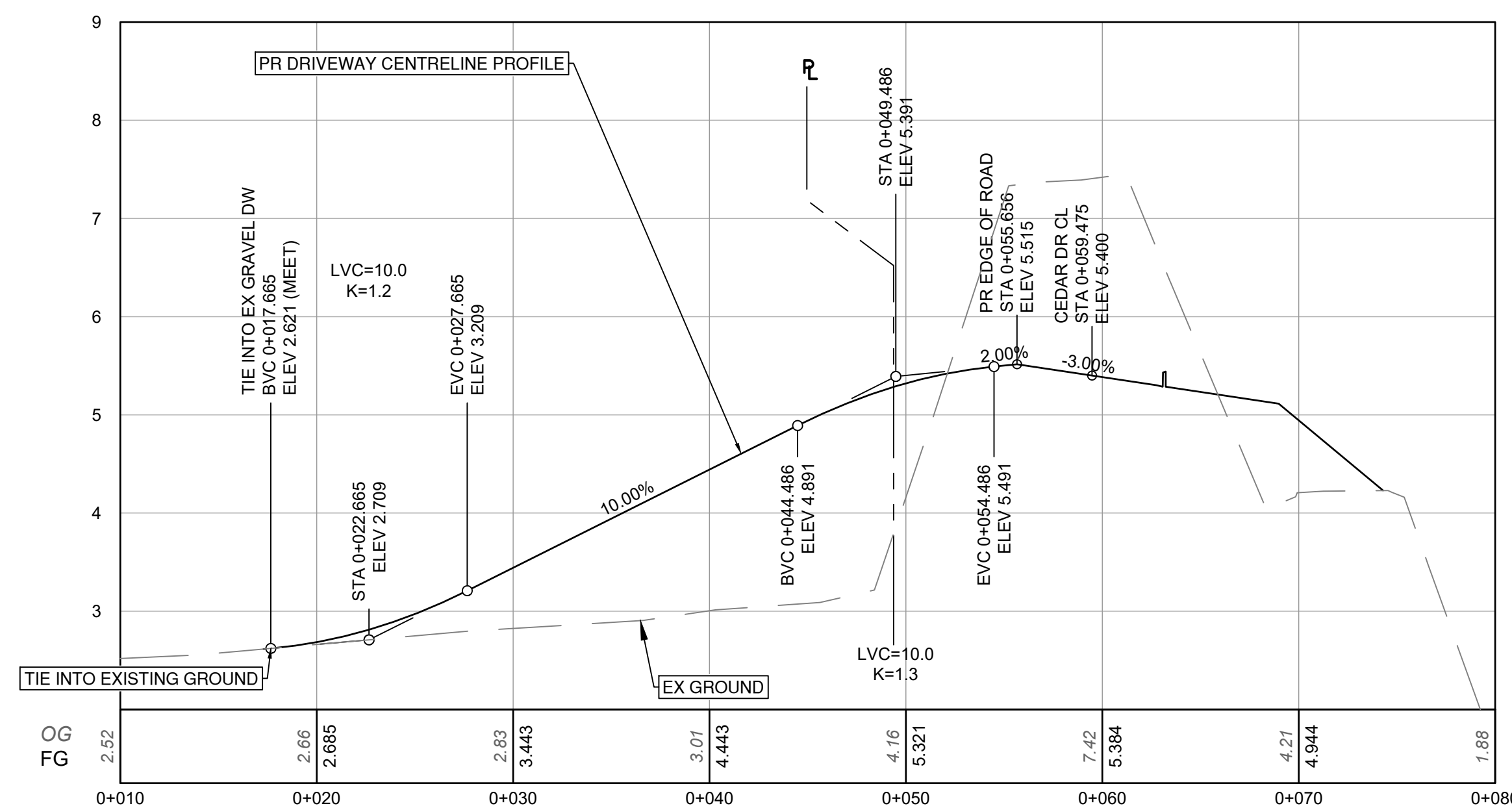
#4171 DRIVEWAY
PLAN
SCALE 1:250



#4170 DRIVEWAY
PLAN
SCALE 1:250



#4171 DRIVEWAY
PROFILE
SCALE 1:250H / 1:50V



#4170 DRIVEWAY
PROFILE
SCALE 1:250H / 1:50V

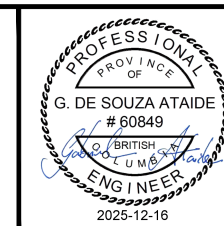


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PLOT DATE: December 15, 2025				
REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPR'D
A	ISSUED FOR TENDER	2025/12/16	GA	CJB



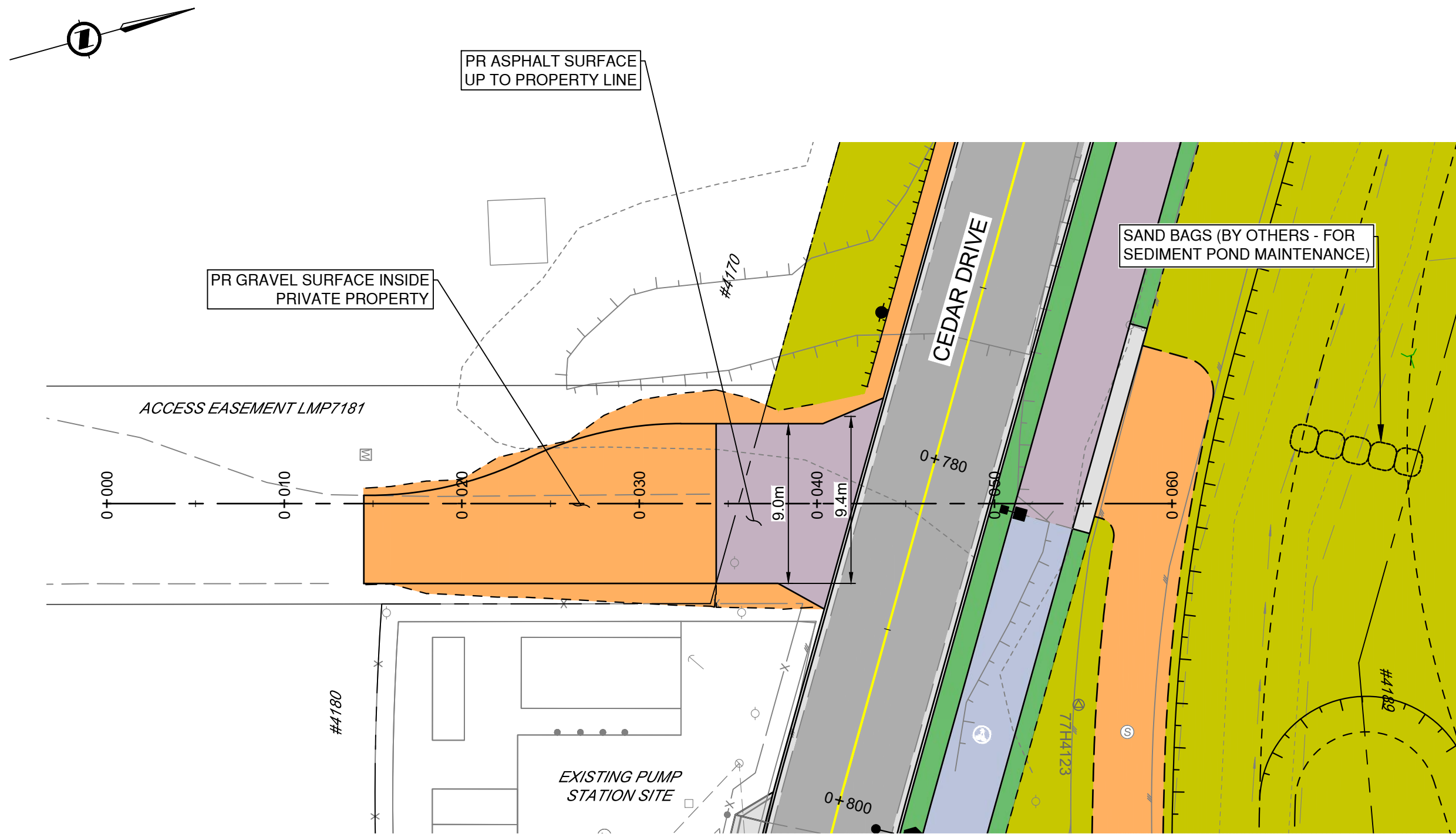
PROPERTIES 4171 AND 4170
CEDAR DRIVE UPGRADES - PHASE 2



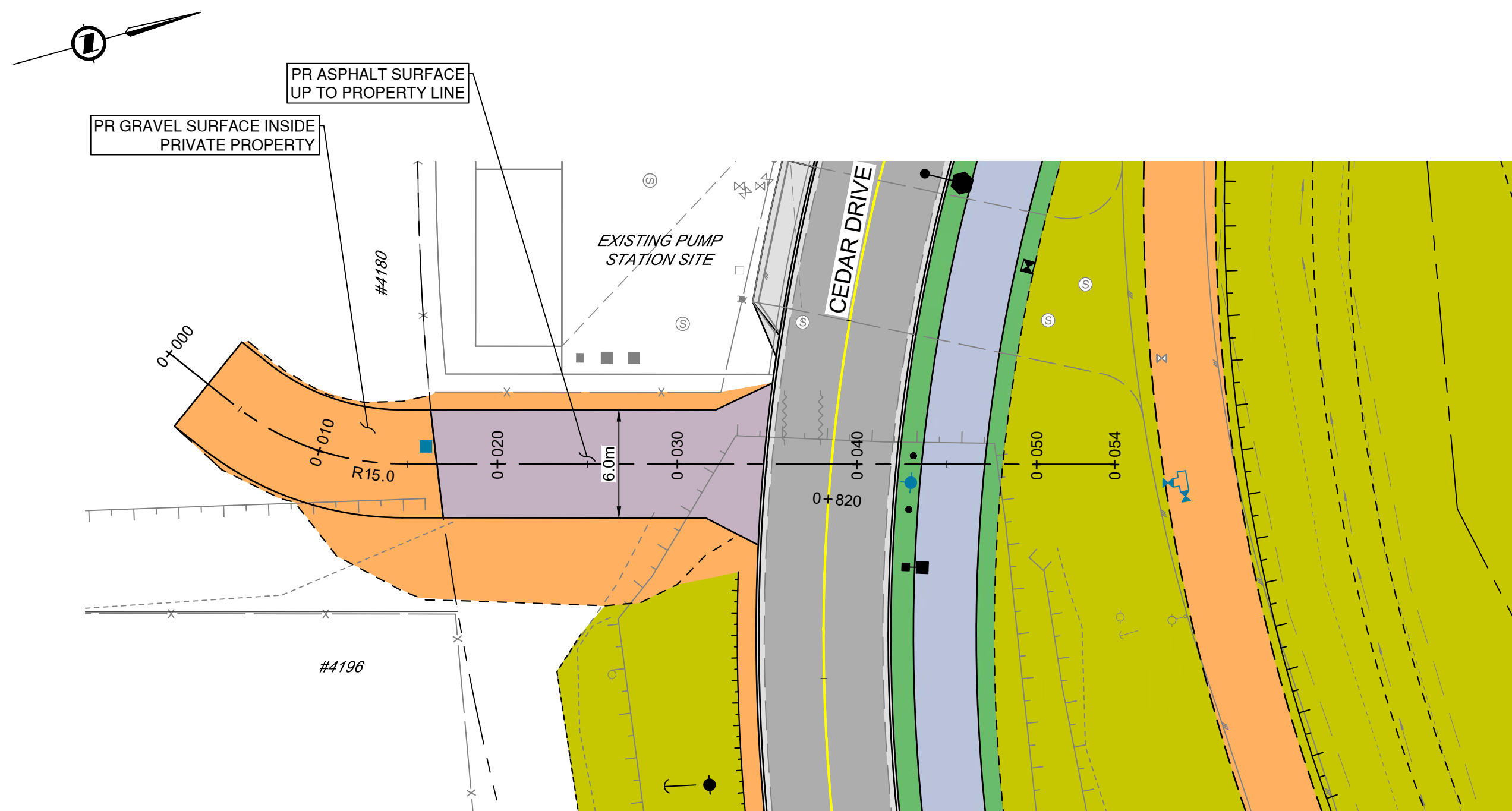
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AS SHOWN		CREATION DATE	OCT - 2023
DRAWN BY	GA	DESIGN BY	CJB
CHECKED BY	CJB	APPROVED BY	CJB
		DWG. NO.	16 OF 48
		REV.	A

33527

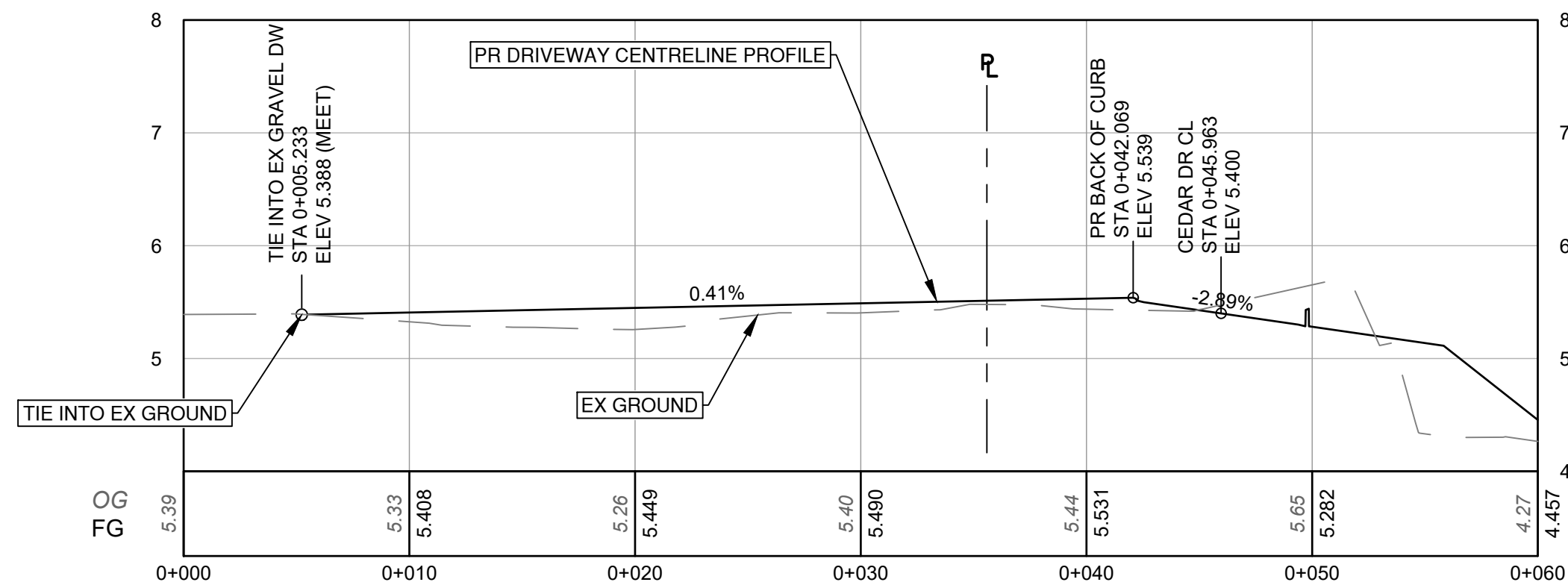
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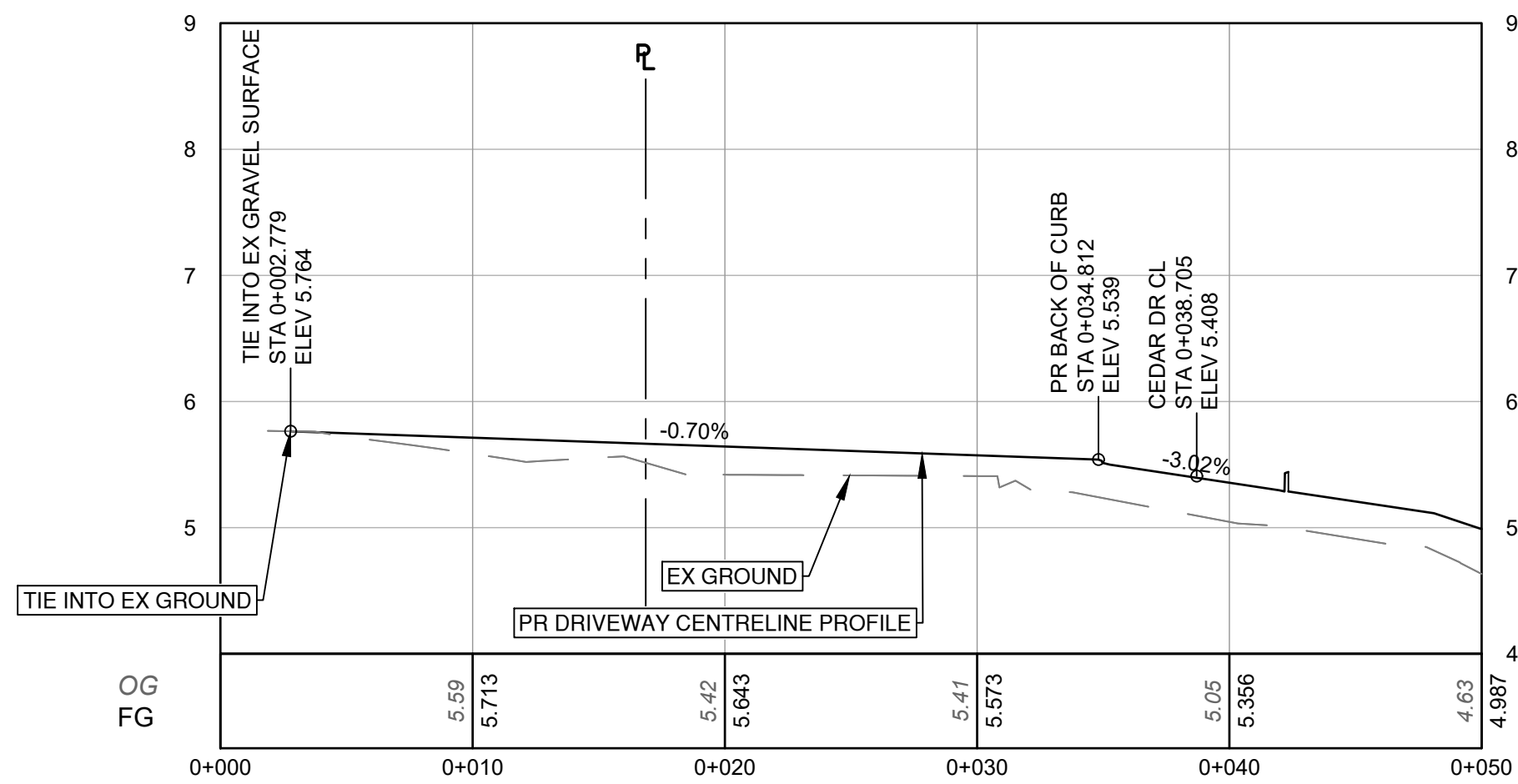
#4182 DRIVEWAY
PLAN
SCALE 1:250



#4180 DRIVEWAY
PLAN
SCALE 1:250



#4182 DRIVEWAY
PROFILE
SCALE 1:250H / 1:50V



#4180 DRIVEWAY
PROFILE
SCALE 1:250H / 1:50V

0 5 15m
1:250

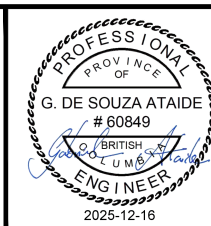
PLOT DATE: December 15, 2025

REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPR'D
A	ISSUED FOR TENDER	2025/12/16	GA	CJB

Coquitlam

ROAD
WORKS

PROPERTIES 4182 AND 4180
CEDAR DRIVE UPGRADES - PHASE 2

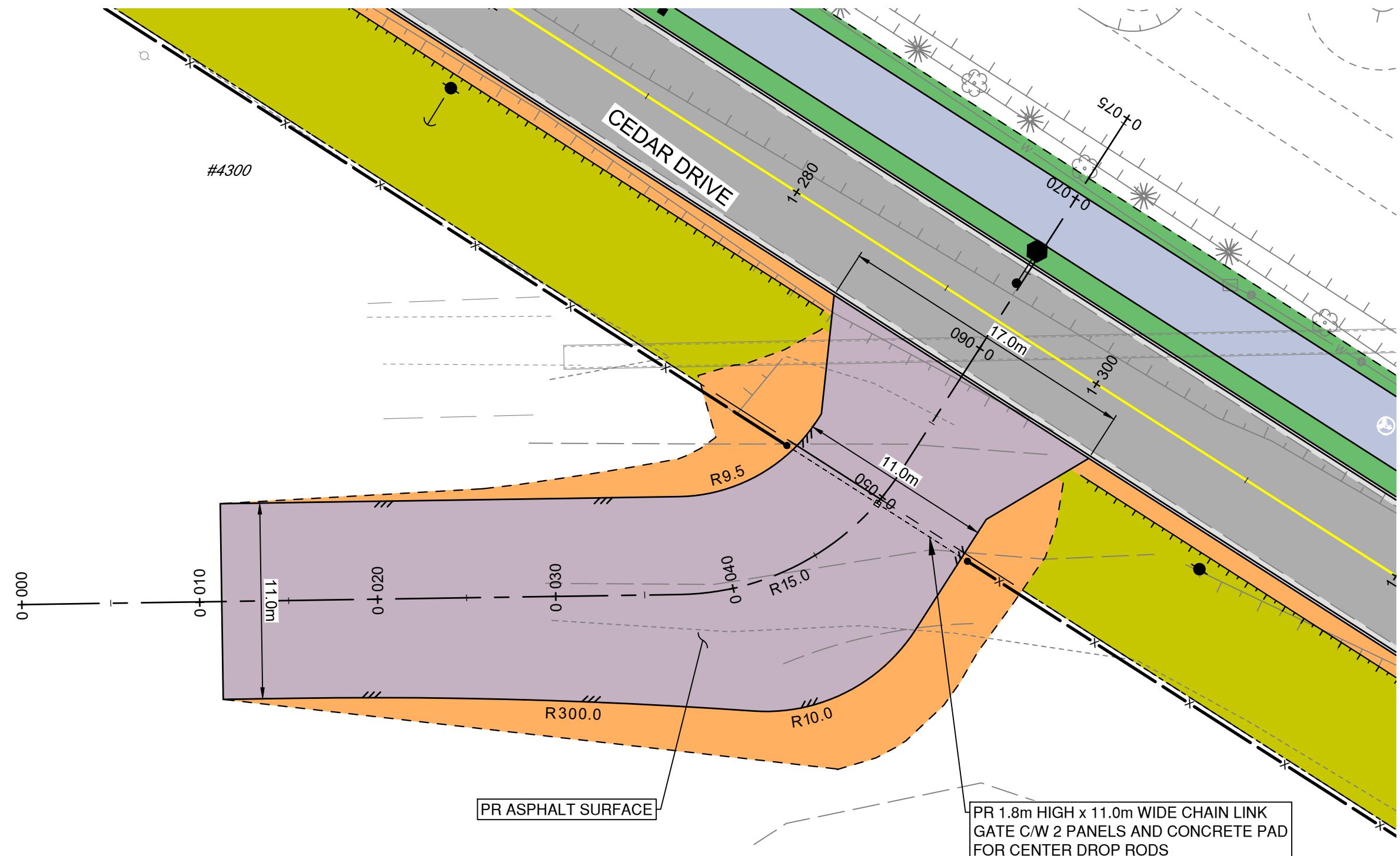


SCALE	AS SHOWN	CREATION DATE	OCT - 2023	DWG. NO.
DRAWN BY	GA	DESIGN BY	CJB	17 OF 48
CHECKED BY	CJB	APPROVED BY	CJB	REV. A

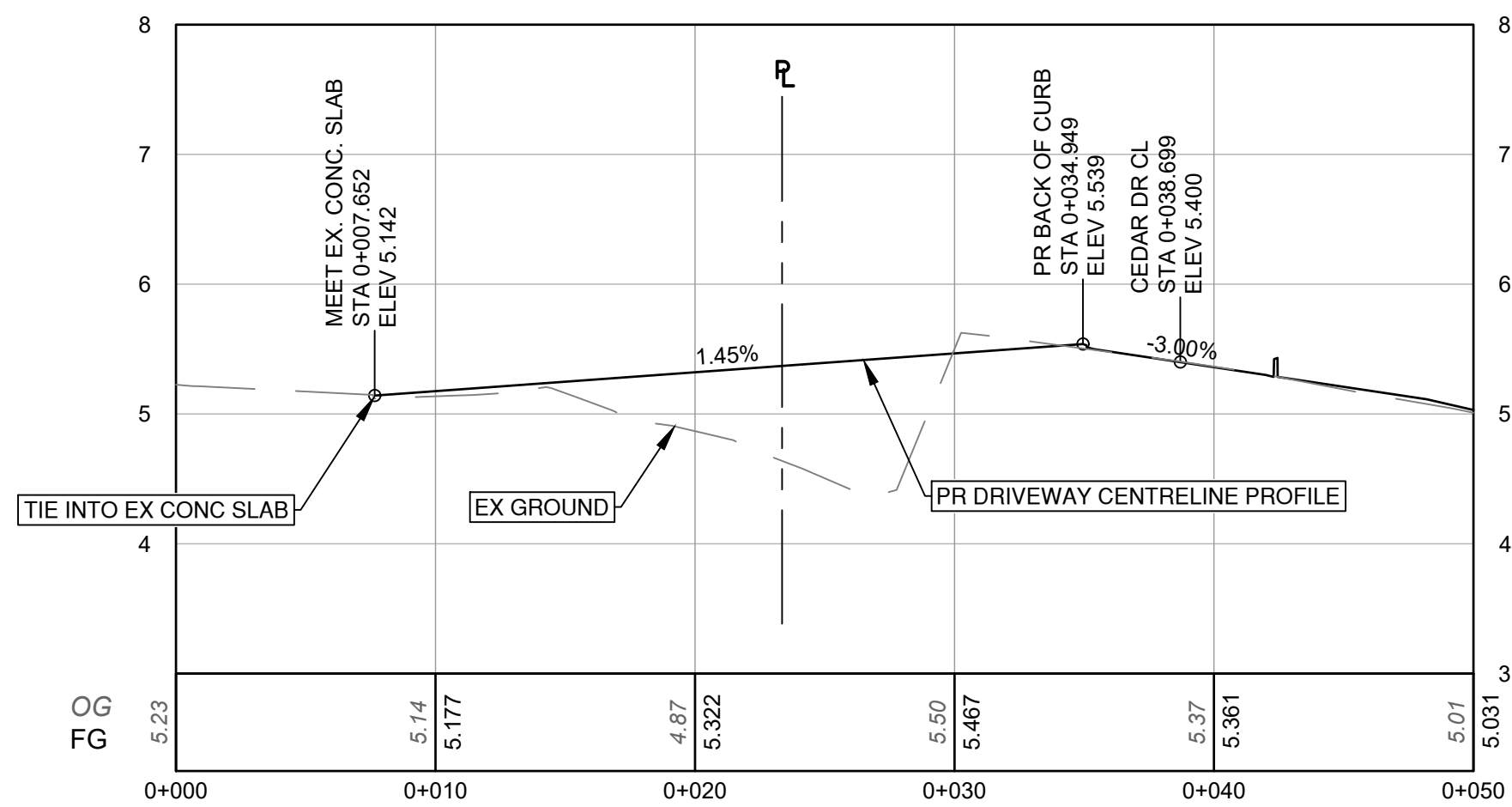
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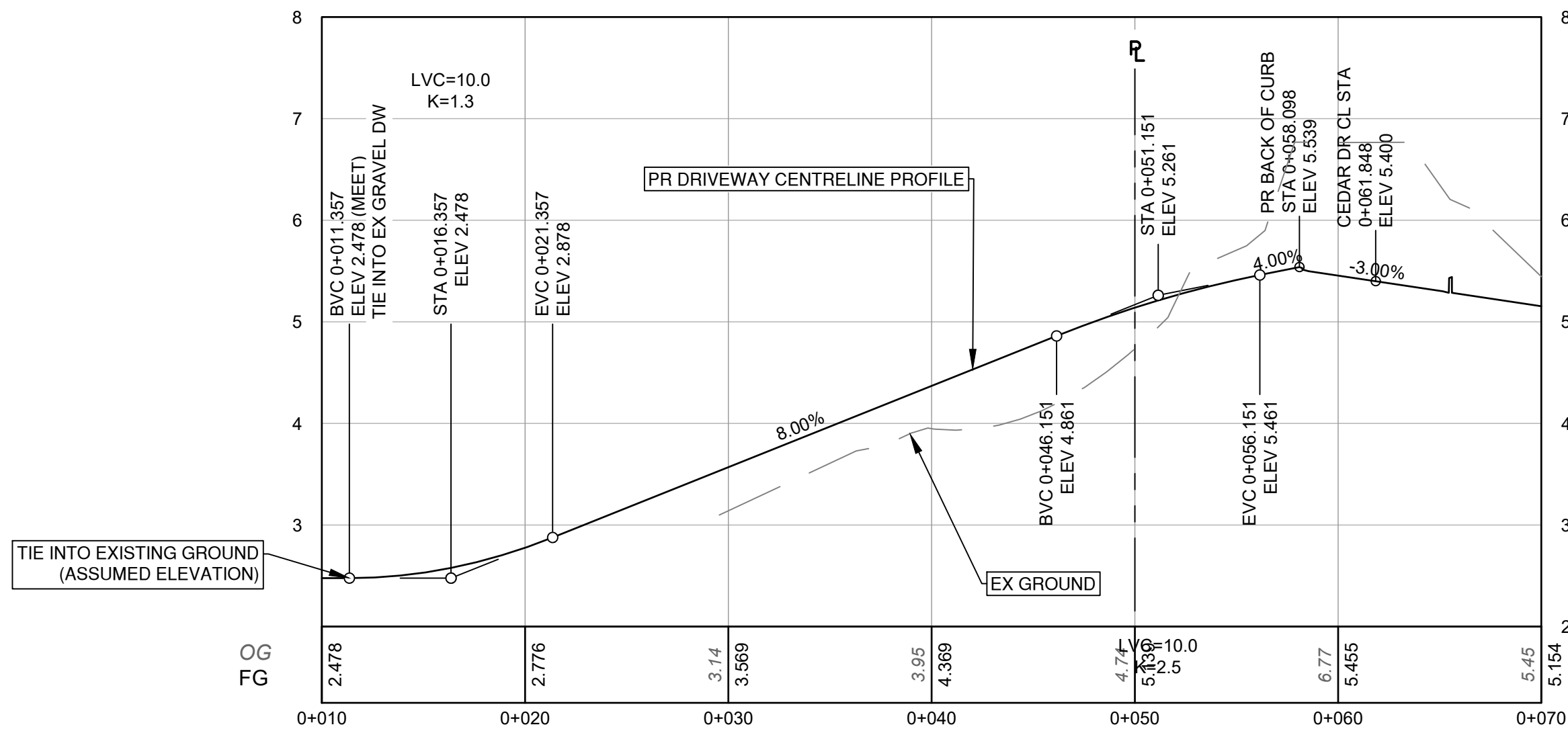
#4196 DRIVEWAY
PLAN
SCALE 1:250



#4300 DRIVEWAY
PLAN
SCALE 1:250



#4196 DRIVEWAY
PROFILE
SCALE 1:250H / 1:50V



#4300 DRIVEWAY
PROFILE
SCALE 1:250H / 1:50V



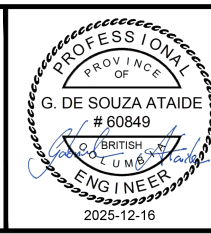
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REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPR'D
A	ISSUED FOR TENDER	2025/12/16	GA	CJB



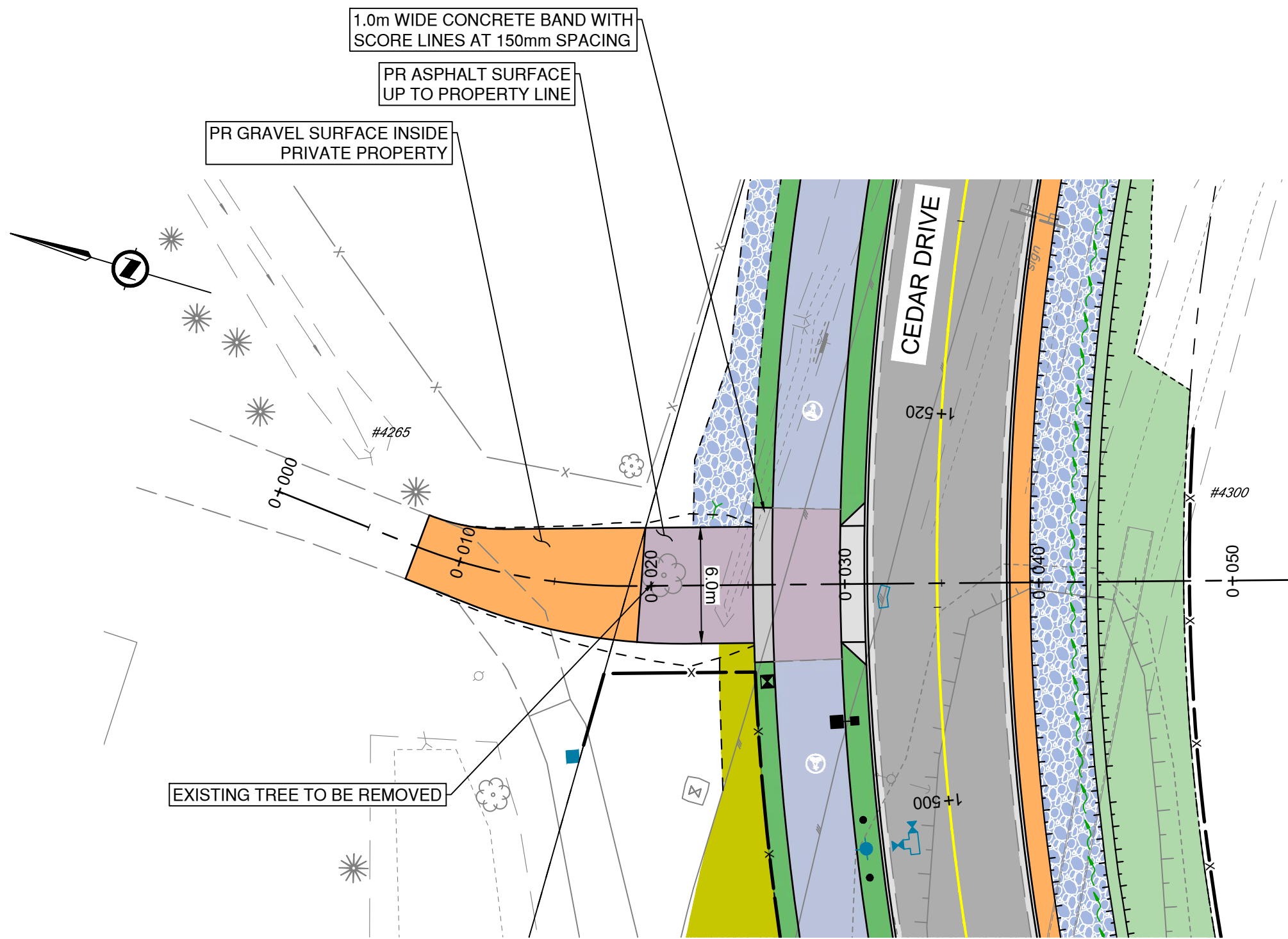
ROAD
WORKS

PROPERTY 4196 AND 4300
CEDAR DRIVE UPGRADES - PHASE 2

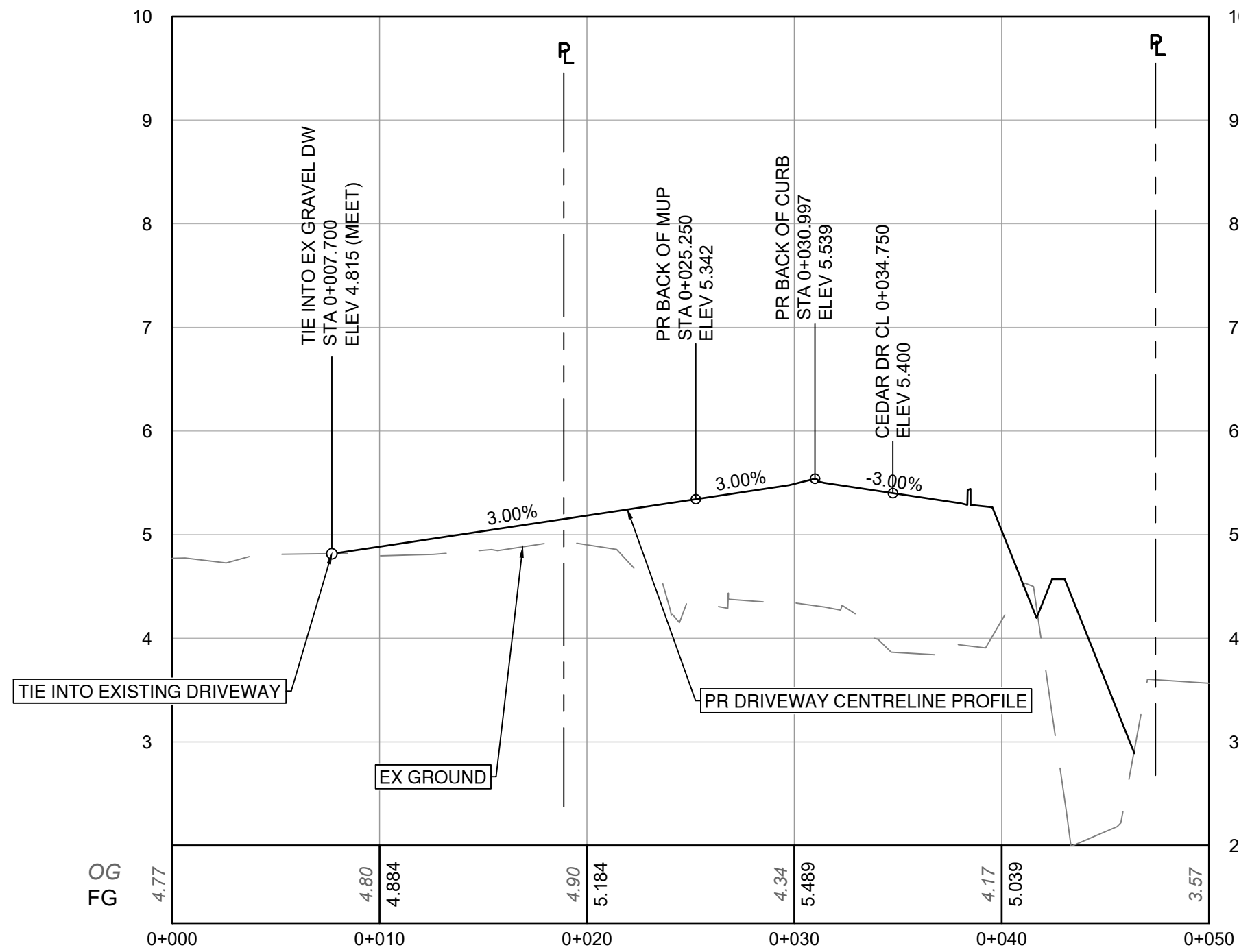


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				REV. A

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#4265 DRIVEWAY
PLAN
SCALE 1:250



#4265 DRIVEWAY
PROFILE
SCALE 1:250H / 1:50V



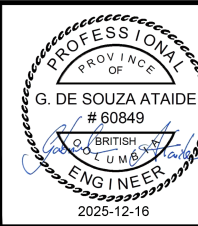
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REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPR'D
A	ISSUED FOR TENDER	2025/12/16	GA	CJB



ROAD
WORKS

PROPERTY 4265
CEDAR DRIVE UPGRADES - PHASE 2

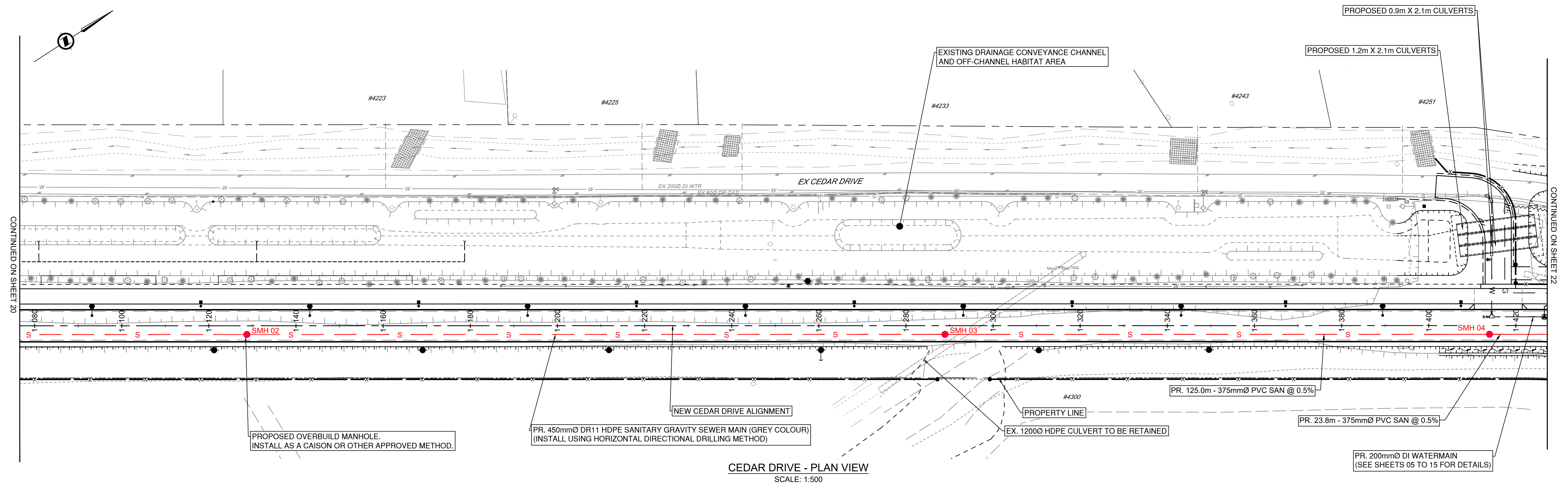


#201, 3999 Henning Drive, Burnaby, B.C. V5C 6P9
T: (604)520-2058 F: (604)520-3098

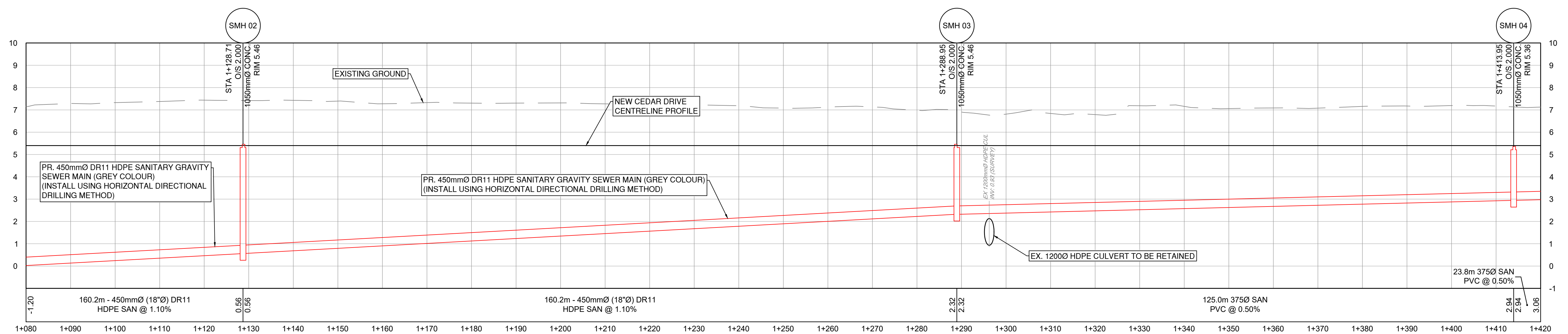
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DRAWN BY	GA	DESIGN BY	CJB	19
CHECKED BY	CJB	APPROVED BY	CJB	48
				REV. A

IFT DESIGN NO.

33527



CEDAR DRIVE - PLAN VIEW
SCALE: 1:500



CEDAR DRIVE - PROFILE VIEW
SCALE: 1:500H / 1:100H

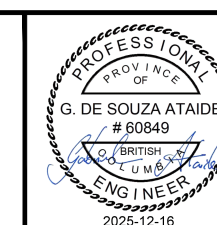
PLOT DATE: October 28, 2025

REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPR'D
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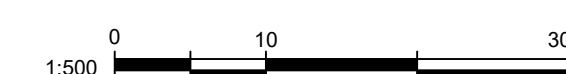


SANITARY
SEWER

STA 1+080 TO 1+420
CEDAR DRIVE UPGRADES - PHASE 2



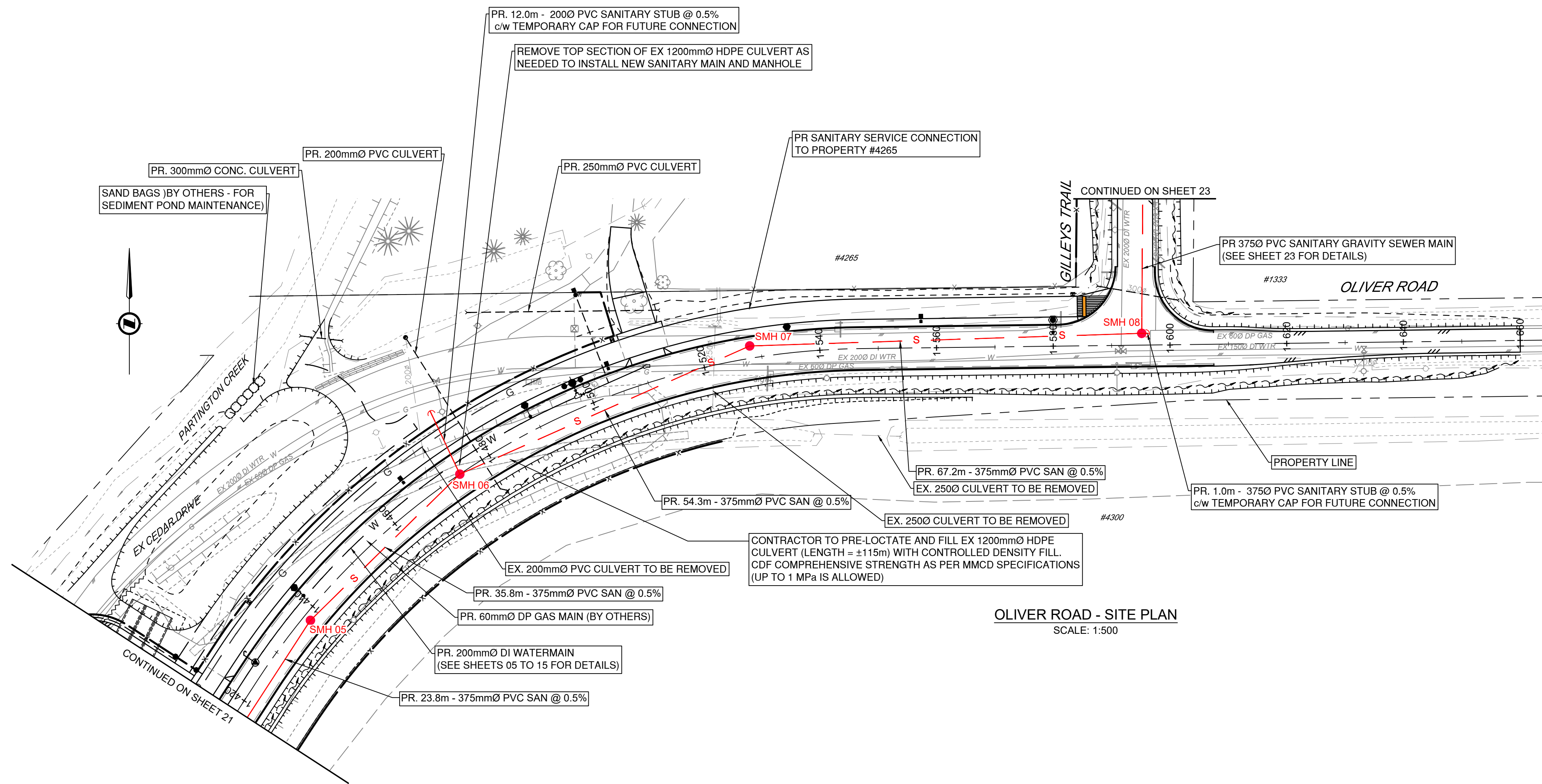
#201, 3999 Henning Drive, Burnaby, B.C. V5C 6P
T: (604)629-2696 F: (604)629-2698



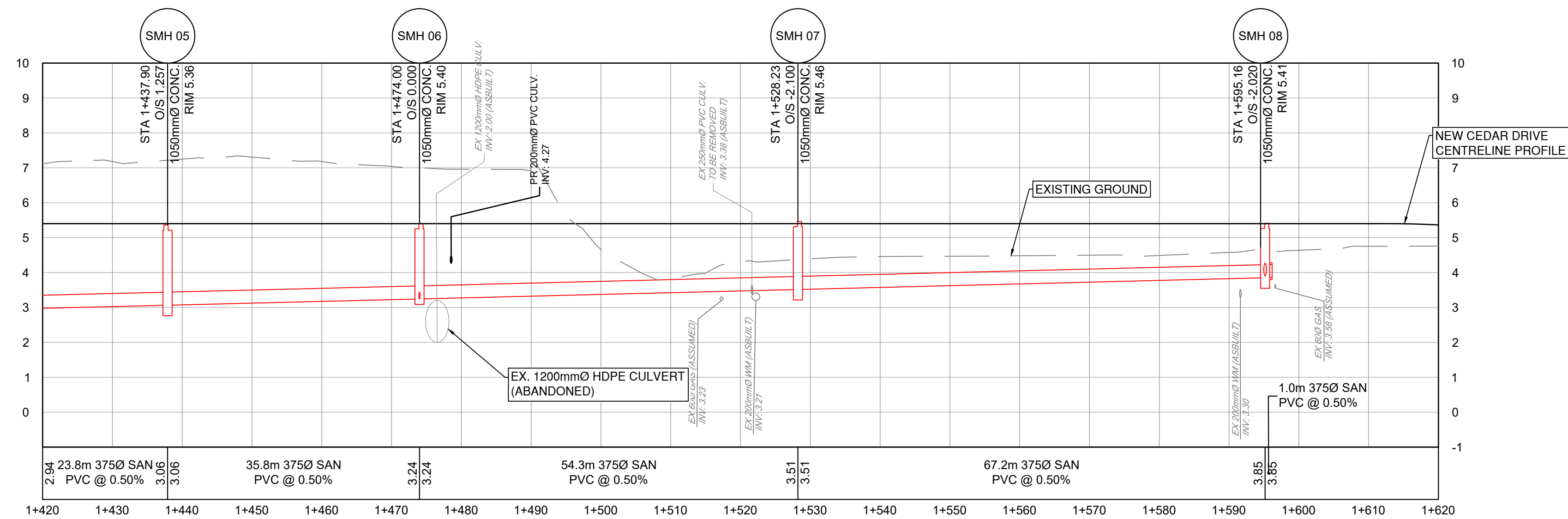
IFT DESIGN NO.

SCALE	AS SHOWN	CREATION DATE	OCT - 2023	DWG. NO. 21 OF 48
DRAWN BY	GA	DESIGN BY	CJB	
CHECKED BY	CJB	APPROVED BY	CJB	
				REV. A

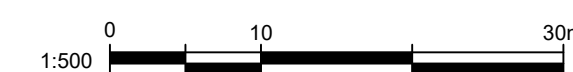
33527



OLIVER ROAD - SITE PLAN
SCALE: 1:500



OLIVER ROAD - PROFILE VIEW
SCALE: 1:500H / 1:50V



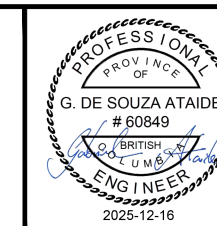
PLOT DATE: October 28, 2025

REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPR'D
A	ISSUED FOR TENDER	2025/12/16	GA	CJB



SANITARY
SEWER

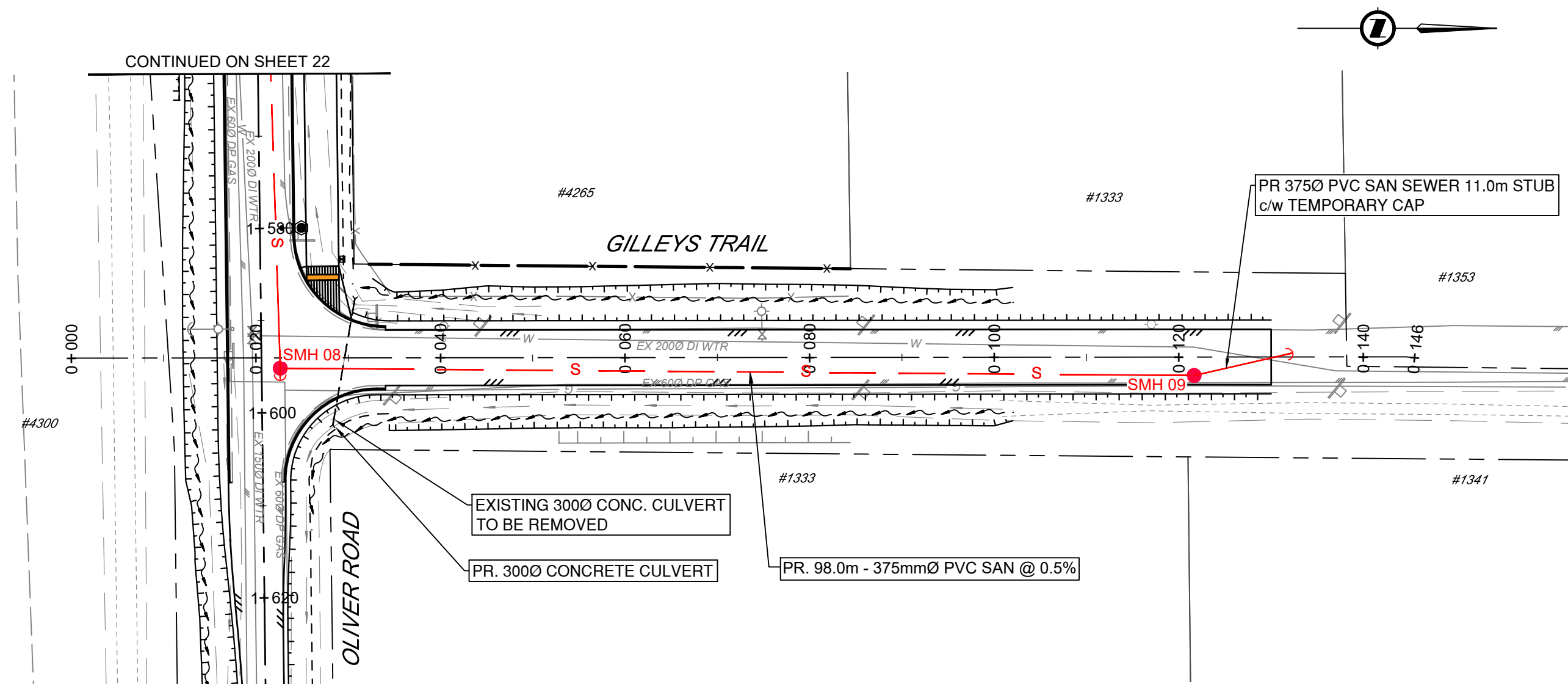
STA 1+420 TO 1+660
CEDAR DRIVE UPGRADES - PHASE 2



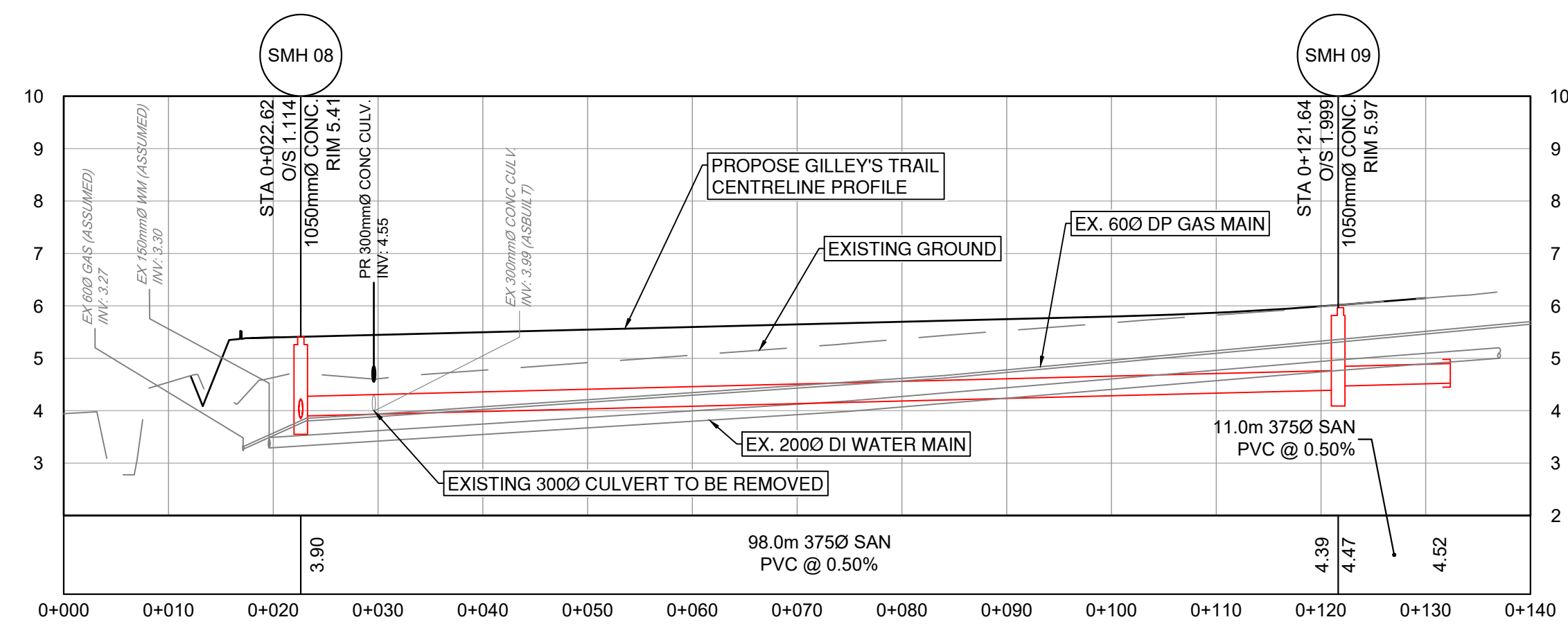
#201, 3990 Herring Drive, Burnaby, B.C. V5C 6P9
T: (604) 632-2590 F: (604) 632-2598

SCALE	AS SHOWN	CREATION DATE	OCT - 2023	DWG. NO.
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CHECKED BY	CJB	APPROVED BY	CJB	48
				REV. A

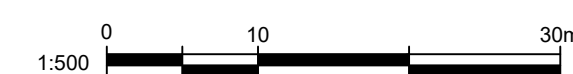
33527



GILLEYS TRAIL - SITE PLAN
SCALE: 1:500



GILLEYS TRAIL - PROFILE VIEW
SCALE: 1:500H / 1:50V



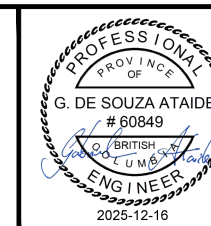
PLOT DATE: October 28, 2025

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SANITARY
SEWER

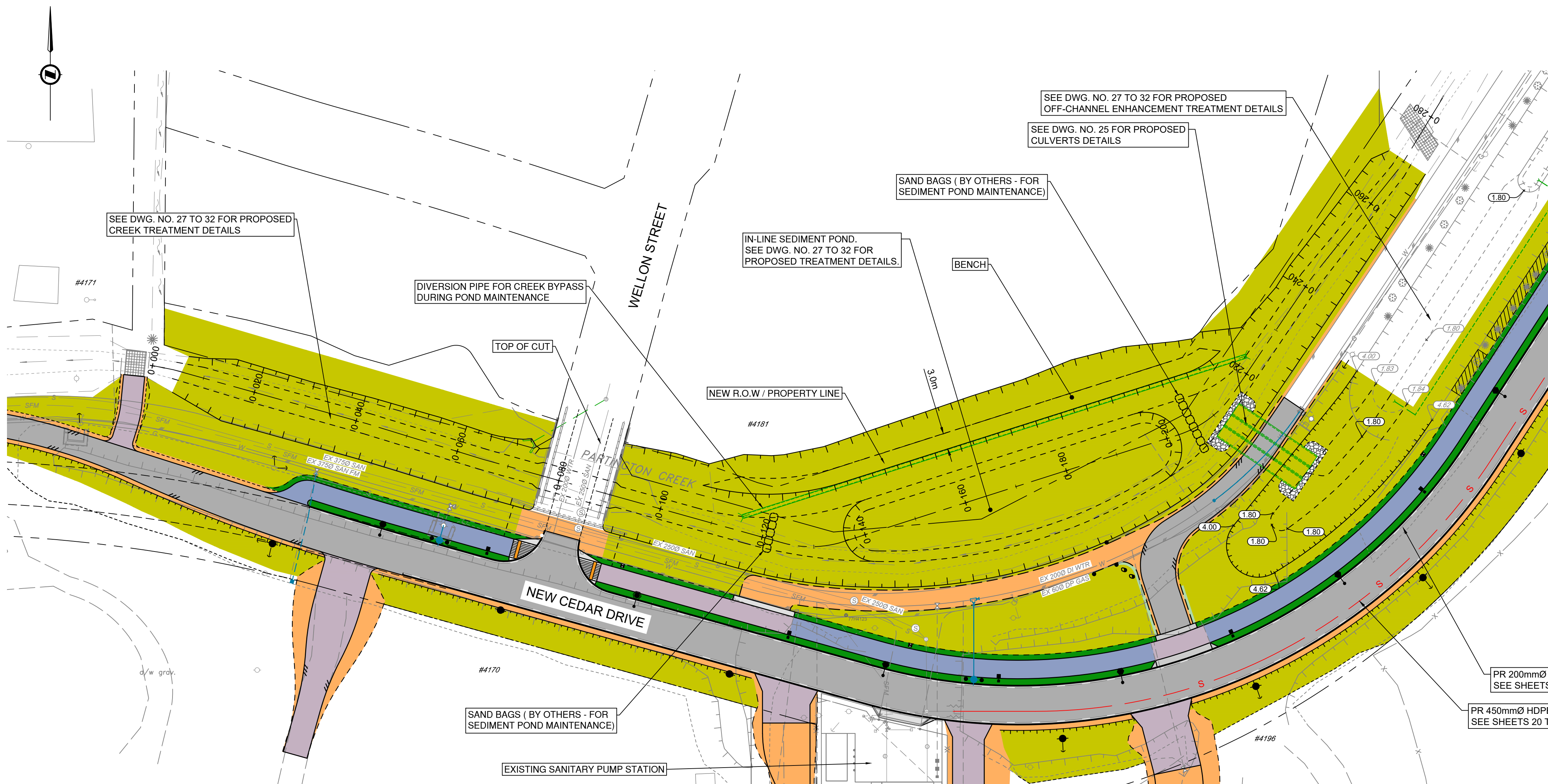
GILLEY'S TRAIL
CEDAR DRIVE UPGRADES - PHASE 2



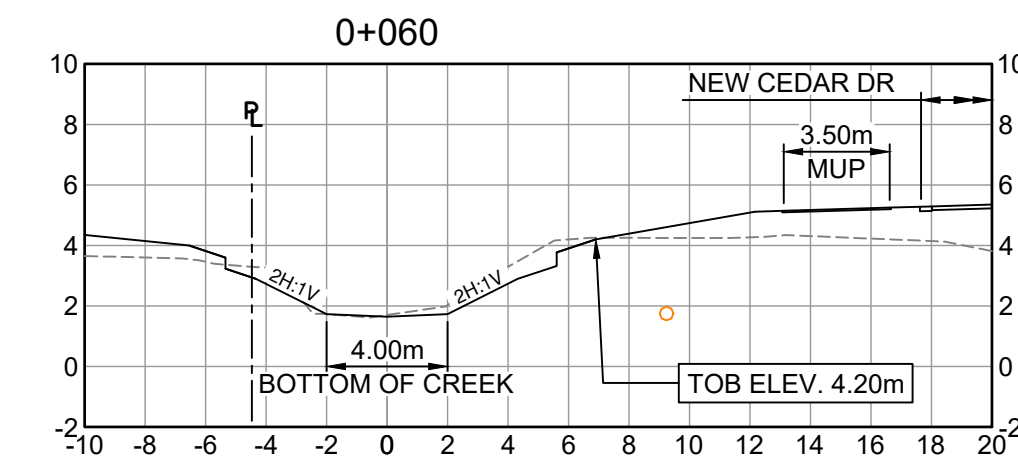
#201, 3999 Henning Drive, Burnaby, B.C. V5C 6P9
T: 604-629-2096 F: 604-629-2098

SCALE	AS SHOWN	CREATION DATE	OCT - 2023	DWG. NO.
DRAWN BY	GA	DESIGN BY	CJB	23 OF 48
CHECKED BY	CJB	APPROVED BY	CJB	REV. A

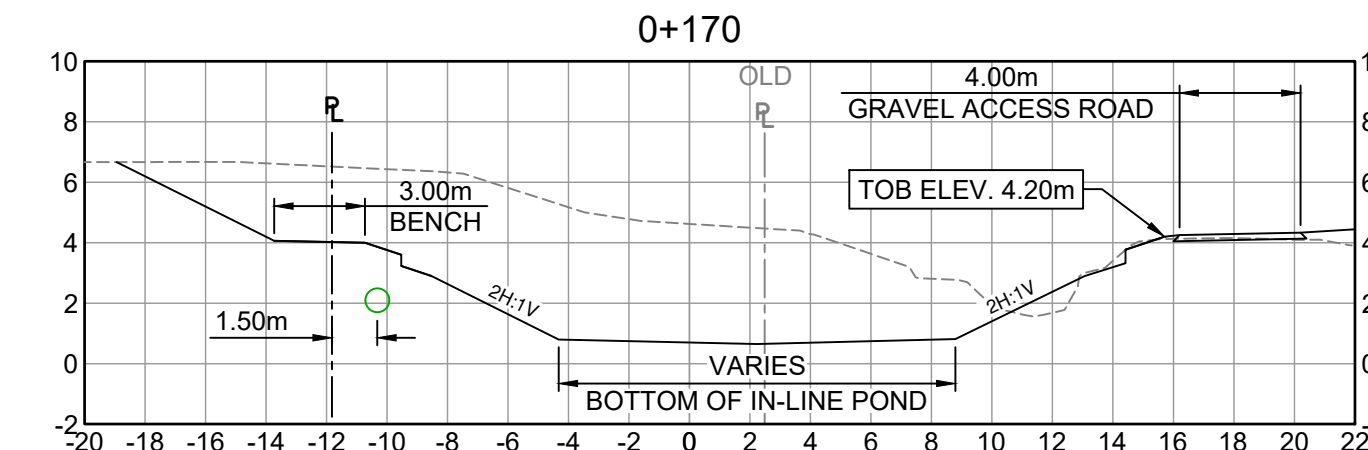
33527



PARTINGTON CREEK CONVEYANCE IMPROVEMENT AND OFF-CHANNEL ENHANCEMENT
PLAN VIEW
SCALE 1:500



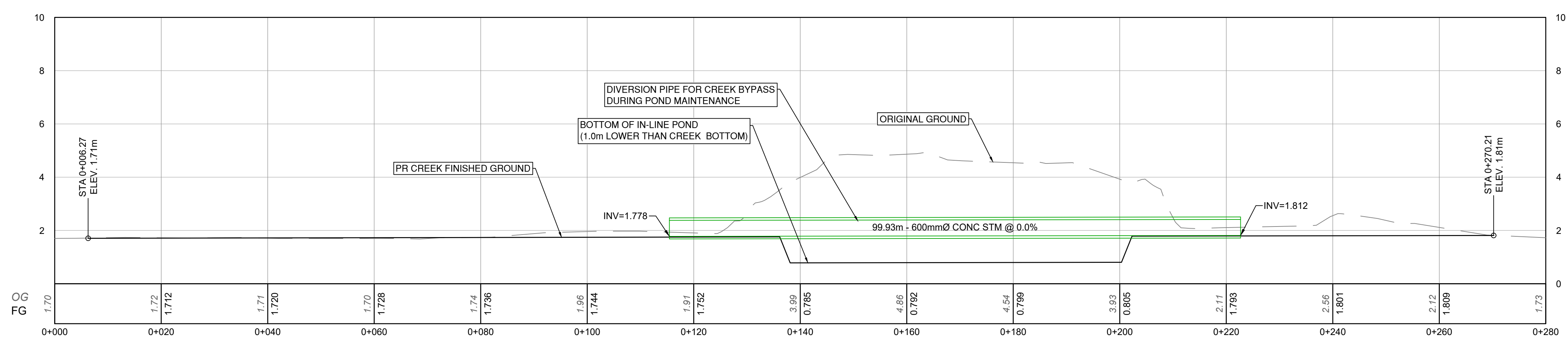
PARTINGTON CREEK IMPROVEMENT
CROSS-SECTION
SCALE 1:250H / 1:250V



IN-LINE SEDIMENT POND - CROSS-SECTION
SCALE 1:250H / 1:250V

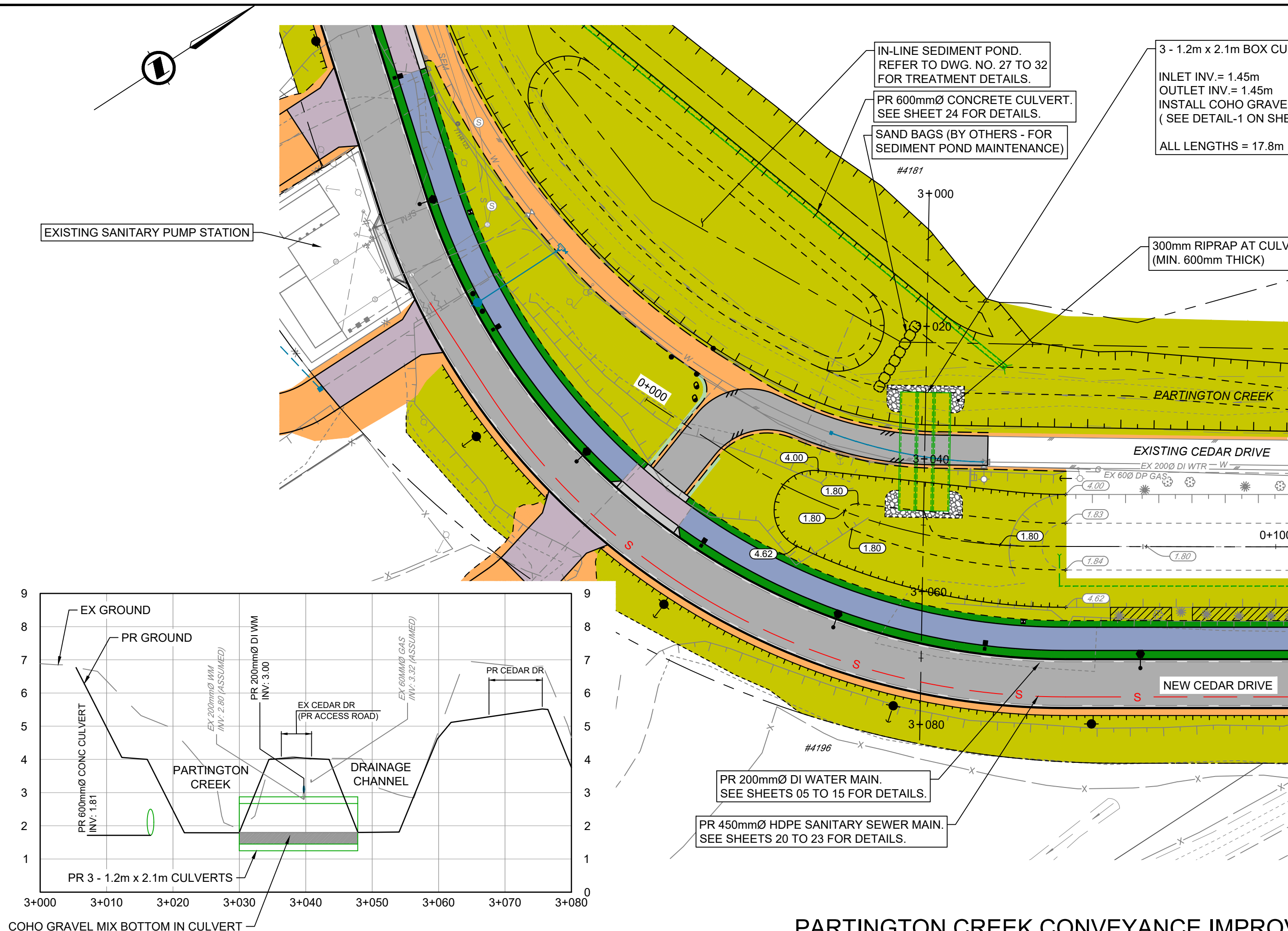
SURFACE TREATMENT

- ROAD SURFACE:**
 - 50 mm TOP LIFT ASPHALT (UPPER COURSE #1)
 - 50 mm BASE LIFT (LOWER COURSE #1)
 - 150 mm OF 19mm MINUS GRANULAR BASE
 - 200mm OF 75mm MINUS GRANULAR SUBBASE
- MULTI-USE PATH:**
 - 50mm HOT MIX ASPHALT (UPPER COURSE #2)
 - 100mm OF 19mm MINUS GRANULAR BASE
- ASPHALT DRIVEWAY:**
 - 50mm HOT MIX ASPHALT (UPPER COURSE #2)
 - 100mm OF 19mm MINUS GRANULAR BASE
 - 200mm OF 75mm MINUS GRANULAR SUBBASE (OPTIONAL AS DIRECTED BY CA)
- GRAVEL DRIVEWAY / SHOULDER:**
 - 150mm OF 19mm MINUS GRANULAR BASE
- 200mm OF 75mm CLEAR CRUSHED GRAVEL**
- 600mm OF 300mm RIPRAP**
- 150mm TOPSOIL AND SODDING**
- 100mm TOPSOIL AND HYDROSEED**
- CONCRETE**
- RIPARIAN PLANTING**
 - SEE SHEETS 03 AND 04 FOR WATTLE FENCE LOCATIONS AND INSTALLATION DETAILS
 - SEE SHEETS 27 TO 32 FOR PLANTING AND SURFACE TREATMENT DETAILS



PARTINGTON CREEK CONVEYANCE IMPROVEMENT AND OFF-CHANNEL ENHANCEMENT
PROFILE VIEW
SCALE 1:500H / 1:100V

File: C:\ADSS\ACAD\Bocals\32628_CDQ_CedarDrivePhase1and2_Sheets\Phase 1 and 2 - Cedar Drive Upgrades\32628_SH_Channel_Works_Phase_1.dwg



SOUTH CULVERTS
PROFILE VIEW
SCALE 1:500H / 1:100V

SURFACE TREATMENT

- ROAD SURFACE:**
 - 50 mm TOP LIFT ASPHALT (UPPER COURSE #1)
 - 50 mm BASE LIFT (LOWER COURSE #1)
 - 150 mm OF 19mm MINUS GRANULAR BASE
 - 200mm OF 75mm MINUS GRANULAR SUBBASE
- MULTI-USE PATH:**
 - 50mm HOT MIX ASPHALT (UPPER COURSE #2)
 - 100mm OF 19mm MINUS GRANULAR BASE
- ASPHALT DRIVEWAY:**
 - 50mm HOT MIX ASPHALT (UPPER COURSE #2)
 - 100mm OF 19mm MINUS GRANULAR BASE
 - 200mm OF 75mm MINUS GRANULAR SUBBASE (OPTIONAL AS DIRECTED BY CA)
- GRAVEL DRIVEWAY / SHOULDER:**
 - 150mm OF 19mm MINUS GRANULAR BASE
- 200mm OF 75mm CLEAR CRUSHED GRAVEL**
- 600mm OF 300mm RIPRAP**
- 150mm TOPSOIL AND SODDING**
- 100mm TOPSOIL AND HYDROSEED**
- CONCRETE**
- RIPARIAN PLANTING**

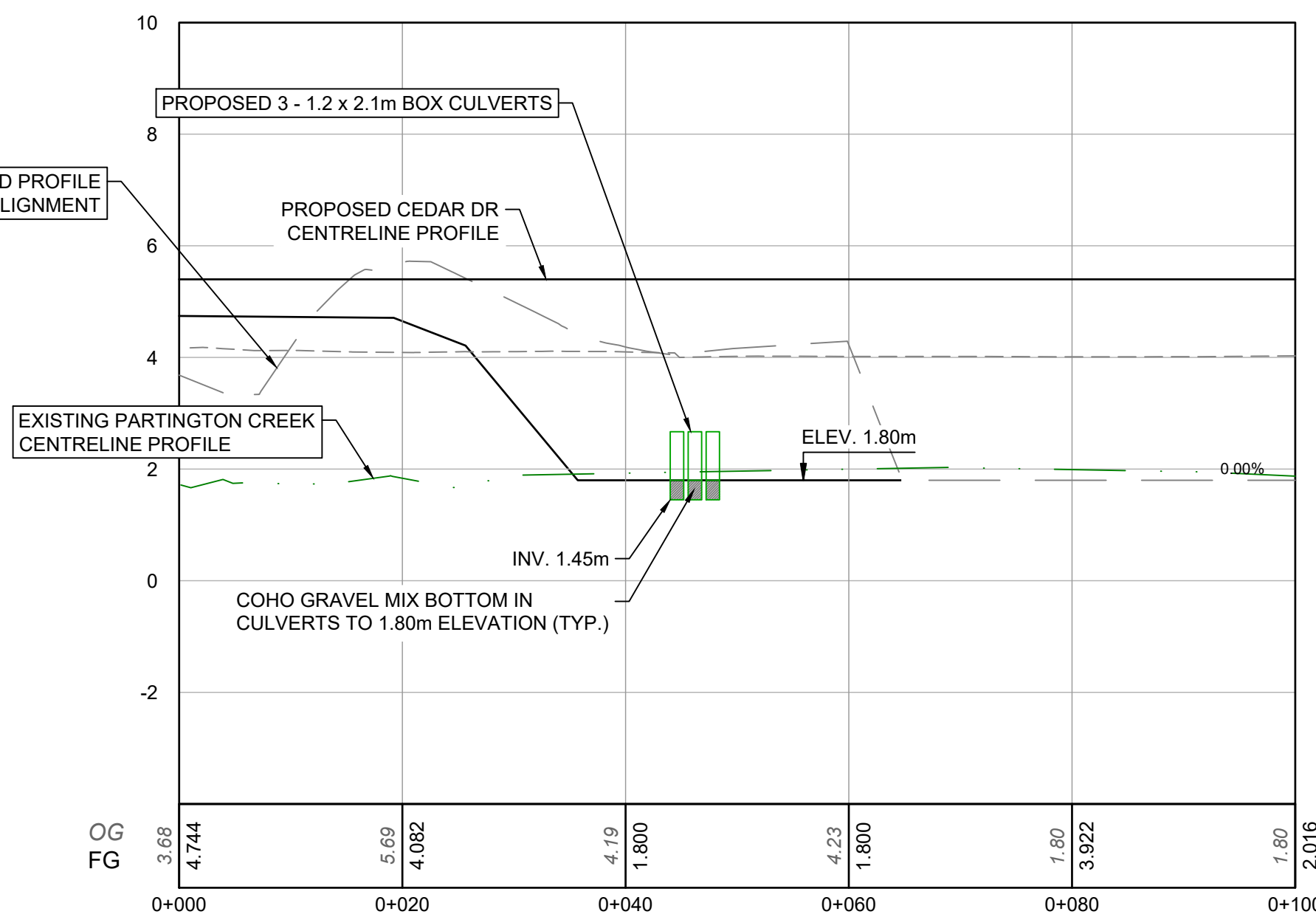
- SEE SHEETS 03 AND 04 FOR WATTLE FENCE LOCATIONS AND INSTALLATION DETAILS
- SEE SHEETS 27 TO 32 FOR PLANTING AND SURFACE TREATMENT DETAILS

PLOT DATE: November 5, 2025

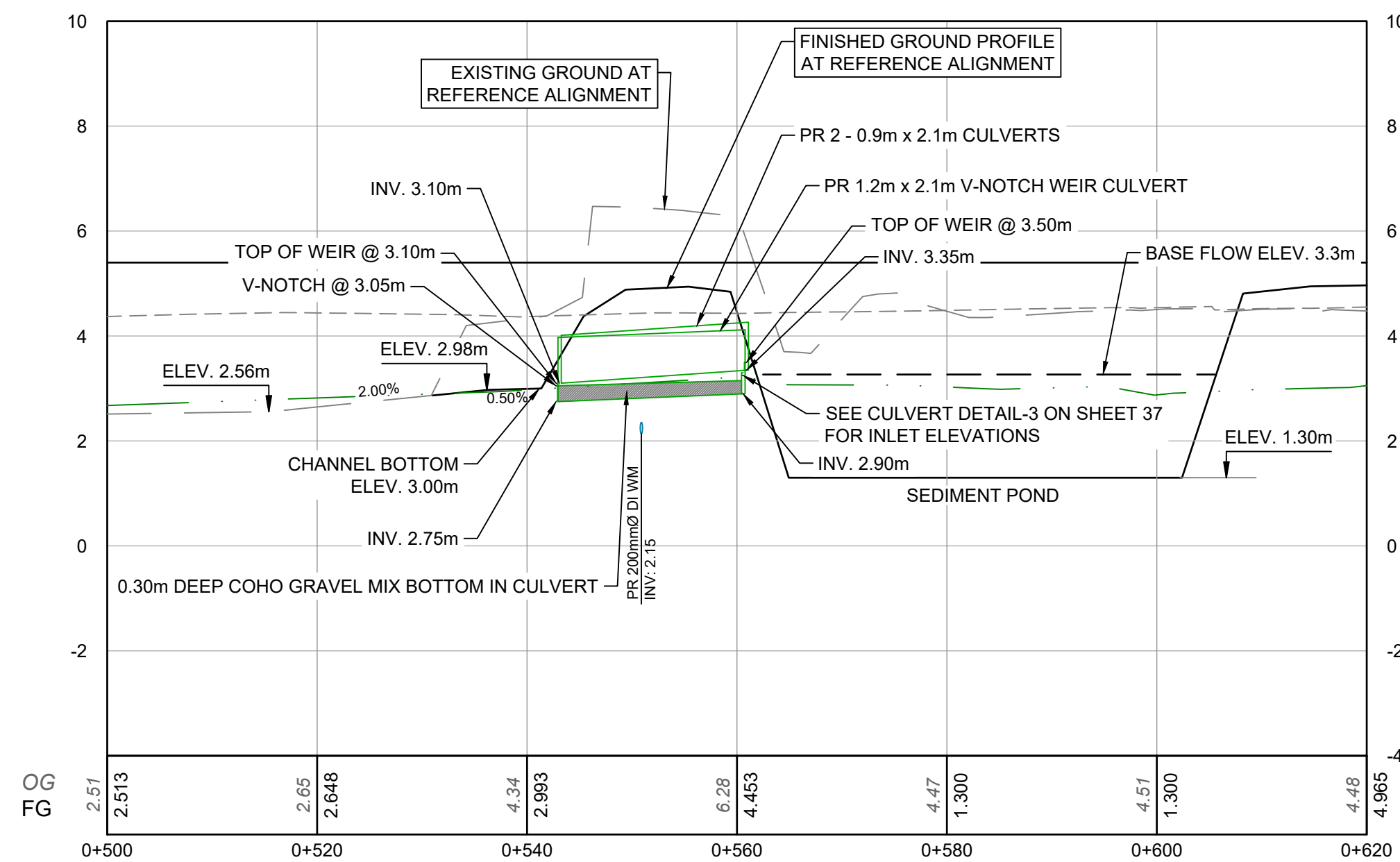
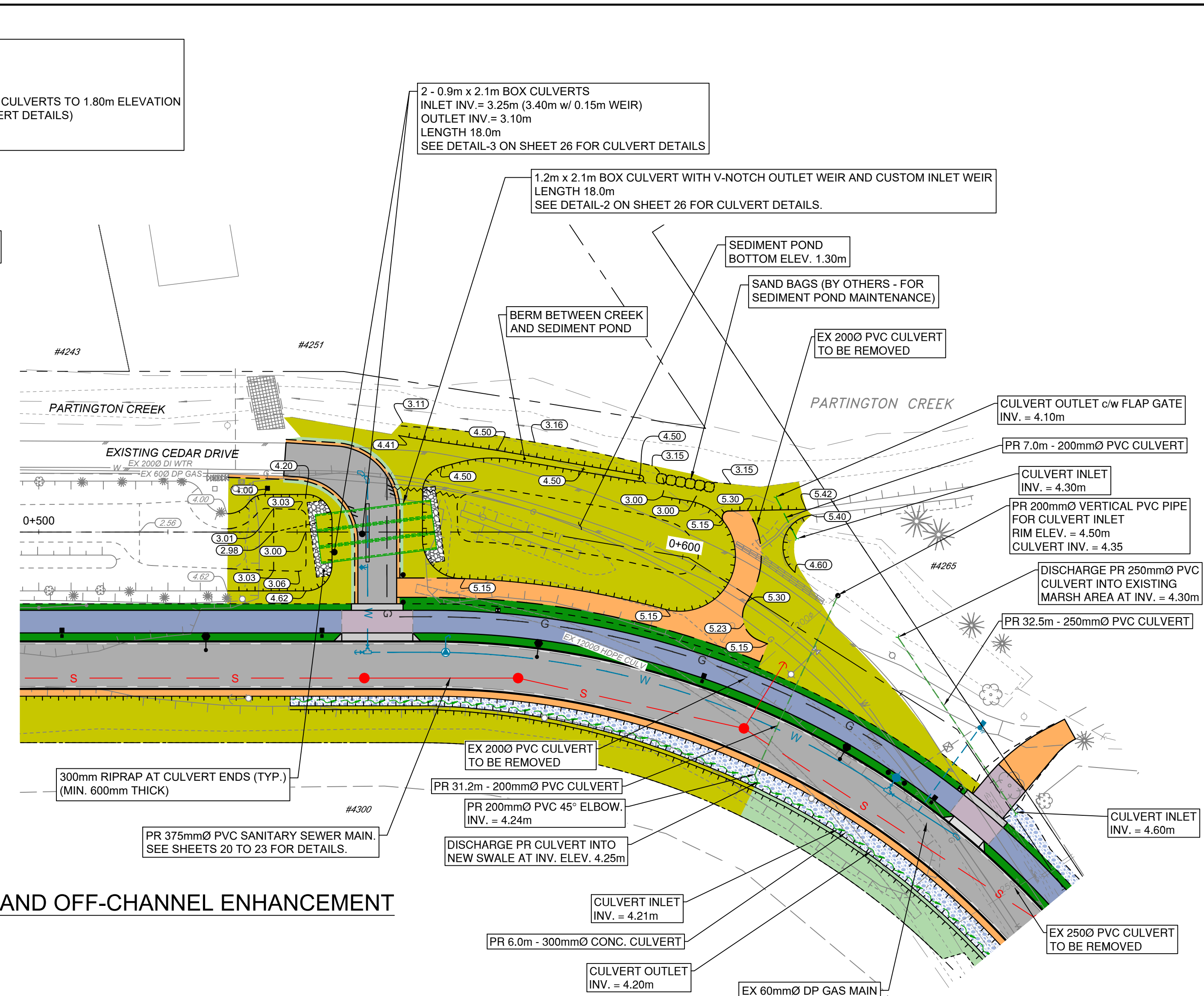
REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPR'D
A	ISSUED FOR TENDER	2025/12/16	GA	CJB

Coquitlam

PARTINGTON CREEK CONVEYANCE IMPROVEMENT AND OFF-CHANNEL ENHANCEMENT
PLAN VIEW
SCALE 1:500



PARTINGTON CREEK CONVEYANCE IMPROVEMENT AND OFF-CHANNEL ENHANCEMENT
PROFILE VIEW
SCALE 1:500H / 1:100V

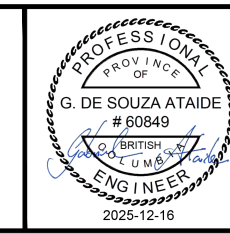


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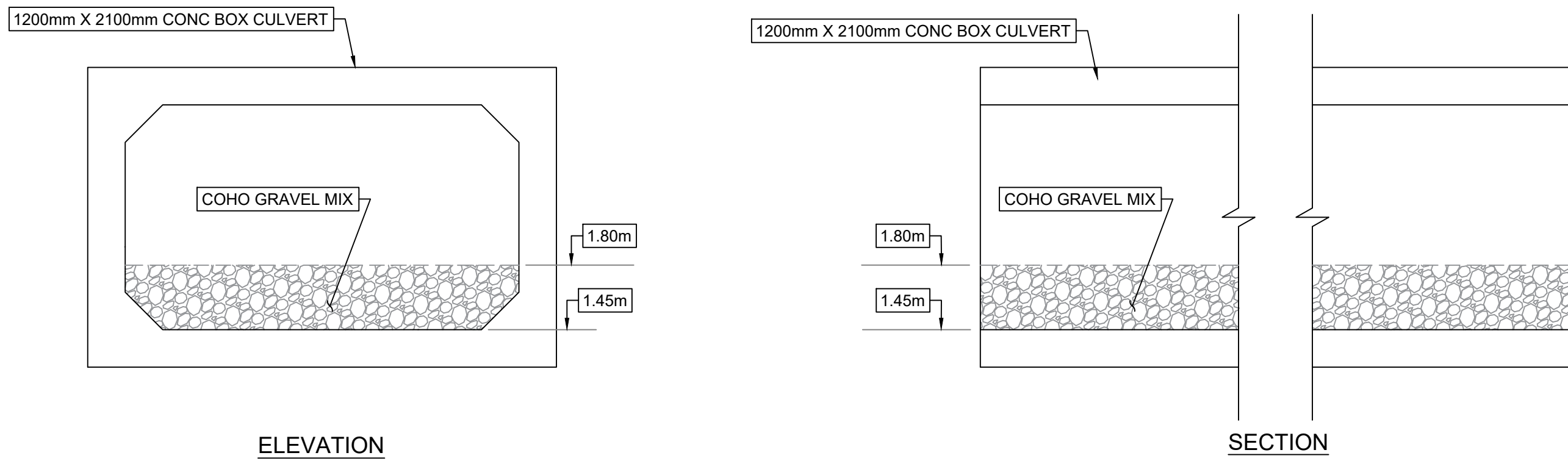
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SCALE	AS SHOWN	CREATION DATE	OCT - 2023	DWG. NO.
DRAWN BY	GA	DESIGN BY	CJB	25
CHECKED BY	CJB	APPROVED BY	CJB	48
				REV. A

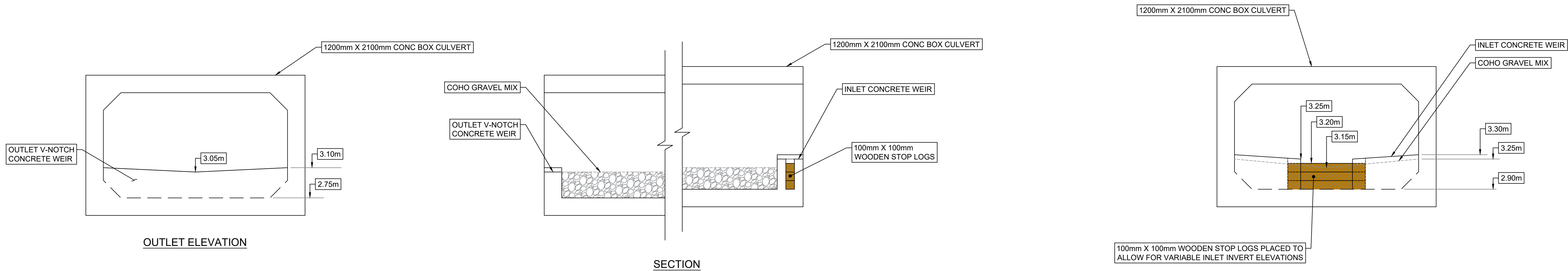


#201, 3999 Henning Drive, Burnaby, B.C. V5C 6P9
T: (604)629-2090 F: (604)629-2098

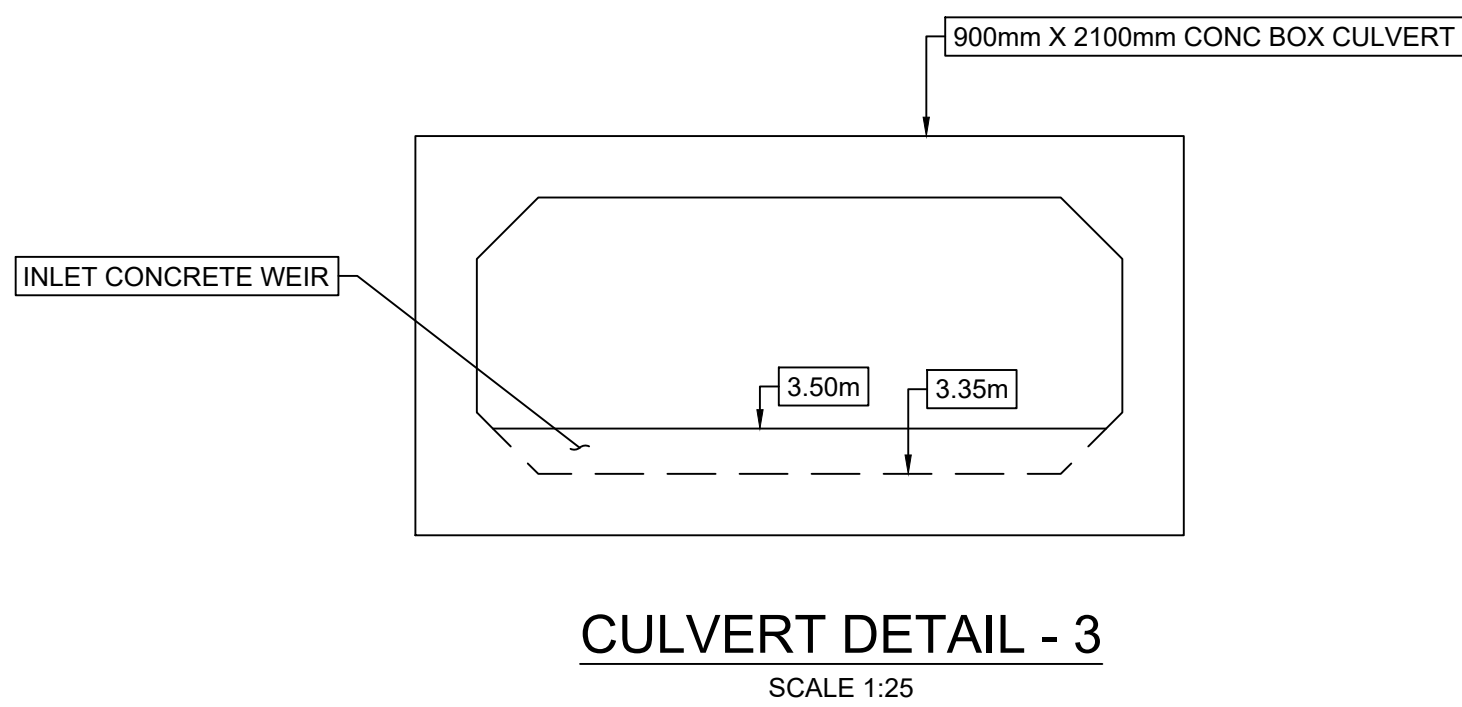
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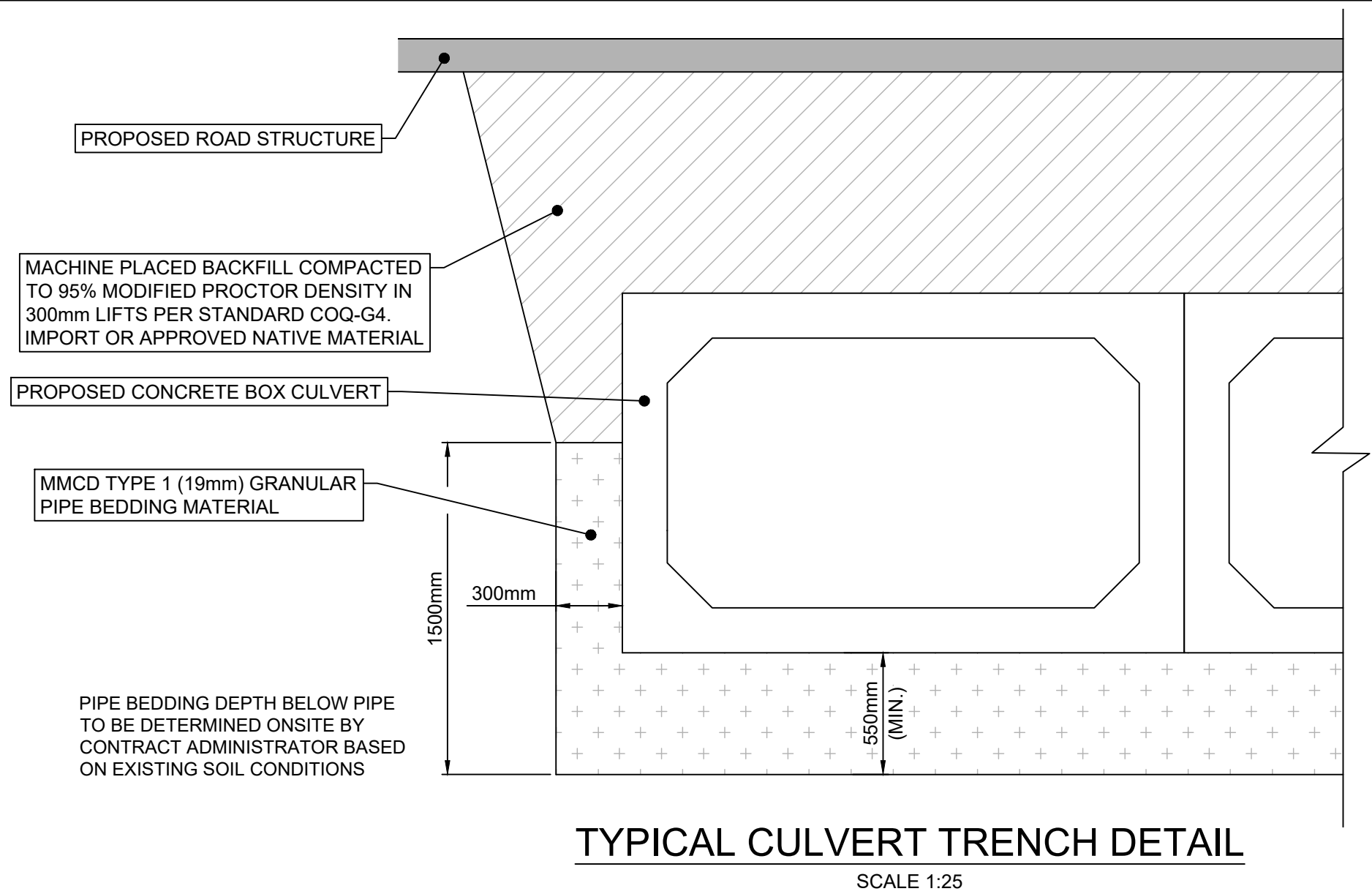
CULVERT DETAIL - 1
SCALE 1:25



CULVERT DETAIL - 2
SCALE 1:25



CULVERT DETAIL - 3
SCALE 1:25

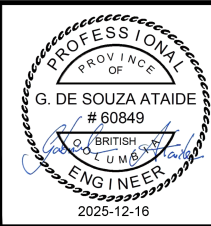


TYPICAL CULVERT TRENCH DETAIL
SCALE 1:25

PLOT DATE: November 5, 2025				
REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPR'D
A	ISSUED FOR TENDER	2025/12/16	GA	CJB



CULVERT DETAILS
CEDAR DRIVE UPGRADES - PHASE 2



SCALE		IFT DESIGN NO.		DWG. NO.
AS SHOWN	GA	CREATION DATE	OCT - 2023	
DRAWN BY	GA	DESIGN BY	CJB	26 OF 48
CHECKED BY	CJB	APPROVED BY	CJB	REV. A

33527

ENVIRONMENTAL SETTING AND CONTEXT:

Cedar Drive is being upgraded and Partington Creek is being widened and an off-channel habitat created to improve flow conveyance and mitigate flood risk. Road construction and Creek widening will affect the riparian areas around Partington Creek. The riparian areas have already been affected by urban development, but in order to secure DFO Authorization and Ministry Approval, it was necessary to develop OFFSETTING measures to address riparian impacts.

This OFF-SETTING/PLANTING PLAN is intended to address riparian effects associated with road construction, channel widening and off-channel creation in and around Partington Creek.

The OFF-SETTING plan is intended in the medium and long term to provide shade cover which will mitigate the loss of shade cover associated with the channel widening activities. The off-channel habitat is intended to provide improved rearing conditions for fish inhabiting Partington Creek.

Implementation of the plan will also improve leaf drop, large woody debris (LWD), coarse woody debris (CWD), insect inputs, etc. to Partington Creek.

The zones designated for planting vary from upland to lowland bench. Site preparation prescriptions vary between upland and lowland. ISL has specified plant species that are best suited to zone and microsite. Protection, maintenance, and plant survival inspections will be required if the planted stock is to survive and thrive.

ACCESS MANAGEMENT AND SITE PREPARATION:

1. SITE PREPARATION WILL BE UNDERTAKEN ONLY UNDER THE FULL-TIME SUPERVISION OF THE EM.
2. PLANTING SITE PREPARATION MUST NOT BE UNDERTAKEN WITHOUT THE EM ONSITE.
3. PRIOR TO CONSTRUCTION THE ENVIRONMENTAL MONITOR (EM) MUST DEMARCATe THE BOUNDARY OF THE APPROVED WORK ZONE, PER THIS PLAN, THE EM WILL FLAG 'LOCK OUT ZONES' WHERE THERE WILL BE NO DISTURBANCE OF EXISTING VEGETATION.
4. THE FLAGGED BOUNDARY WILL BE POSTED WITH TEMPORARY SIGNAGE INDICATING THAT THERE IS TO BE NO DISTURBANCE OF ANY KIND BEYOND THE FENCED BOUNDARY.
5. THE EM WILL MONITOR THE BOUNDARY AT REGULAR INTERVALS TO CONFIRM THAT WORKERS HAVE NOT EXTENDED CONSTRUCTION BEYOND THE DEMARCATED BOUNDARY.
6. MACHINERY IS TO BE OPERATED FROM SWAMP PADS IF TERRAIN IS TOO UNSTABLE TO SUPPORT MACHINE TRACKS
7. THE CONTRACTOR MUST NOT OPERATE MACHINERY OUTSIDE OF AREAS SHOWN ON THIS PLAN AND THERE IS TO BE NO WORK WITHIN PARTINGTON CREEK, UNTIL SUCH TIME AS FISH SALVAGE HAS BEEN COMPLETED, SITE IS ISOLATED, AND BYPASS AND DEWATERING HAS BEEN IMPLEMENTED.

INVASIVE PLANT MANAGEMENT:

1. SITE PREPARATION WILL BE UNDERTAKEN ONLY UNDER THE FULL-TIME SUPERVISION OF THE EM.
2. HIMALAYAN BLACKBERRY AND REED CANARY GRASS WILL BE EXCAVATED TO ROOTING DEPTH EXPOSING UNDERLYING MINERAL SOILS THAT ARE FREE OF ROOT MATERIAL.
3. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETERMINING THE DEPTH OF THE EXCAVATION NECESSARY TO EXPOSE ROOT FREE SOIL.
4. JAPANESE KNOTWEED HAS BEEN IDENTIFIED AT VARIOUS LOCATIONS ALONG THE EXISTING EMBANKMENT OF PARTINGTON CREEK.
5. THE EM IS RESPONSIBLE FOR FLAGGING THE PERIMETER OF THESE AREAS PRIOR TO VEGETATION OR GROUND DISTURBANCE ACTIVITIES.
6. THE CONTRACTOR IS RESPONSIBLE FOR DEVELOPING A JAPANESE KNOTWEED REMOVAL AND CONTROL PROGRAM
7. THE CONTRACTOR IS CAUTIONED THAT THE DEPTH AND BREADTH OF EXCAVATION NECESSARY TO REMOVE JAPANESE KNOTWEED IS SUBSTANTIAL.
8. THE CONTRACTOR WILL RETAIN THE SERVICES OF A QUALIFIED PROFESSIONAL WHO CAN ADVISE THE CONTRACTOR ON THE STANDARDS FOR REMOVAL, DEEP BURIAL, AND/OR LEGAL OFFSITE DISPOSAL OPTIONS SO THAT THEY APPROPRIATELY PRICE THIS IMPORTANT COMPONENT OF THE PROJECT.
9. NO CHANGE ORDERS WILL BE ENTERTAINED FOR JAPANESE KNOTWEED REMOVAL, CONTROL AND DISPOSAL, BEYOND THAT AMOUNT SET OUT BY THE CONTRACTOR IN THEIR RESPONSE TO THE PROJECT TENDER.

SOIL STABILIZATION/SEED MIX APPLICATION:

1. IMMEDIATELY UPON COMPLETION OF FINE GRADING, ALL PLANTING AREAS MUST BE STABILIZED PER THE FOLLOWING DESCRIPTION:
2. THE CONTRACTOR WILL APPLY A FULLY BIODEGRADABLE EROSION CONTROL BLANKET ON ALL INSTREAM BENCHES AND EARTHEN SLOPES BELOW THE NEW TOP OF BANK.
3. THE EROSION CONTROL BLANKET (ECB) MUST BE SECURED TO THE GROUND PER MANUFACTURERS SPECIFICATIONS. TO PREVENT SLOPE RILLING, THERE MUST BE NO VOID SPACE BETWEEN GROUND AND THE ECB.

LANDSCAPE NOTES:

1. WARRANTY

1.1. THE PROJECT REQUIRES A TWO YEAR WARRANTY ON ALL SOFTSCAPE WORK.

1.2. THE WARRANTY PHASE WILL COMMENCE AT THE TIME OF SUBSTANTIAL COMPLETION OF THE TOTAL CONTRACT. DURING THIS PHASE THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING PLANT SURVIVAL AT 100% FOR THE TOTAL NUMBER OF PLANTED TREES AND 80% FOR THE SHRUBS SHOWN IN THE PLANS.

1.3. ESTABLISHMENT MAINTENANCE OF SOFT LANDSCAPES IS TO BE PROVIDED FROM TIME OF INSTALLATION TO TWO YEARS FROM SUBSTANTIAL COMPLETION OF WORKS.

1.4. THE CONTRACTOR WILL RETAIN A QEP TO COMPLETE POST CONSTRUCTION PLANT MAINTENANCE INSPECTION TWICE PER ANNUM BY APRIL 15 AND SEPTEMBER 1. RESULTS WILL BE REPORTED BY MAY 15 AND SEPTEMBER 15.

1.5. THE CONTRACTOR WILL CONTROL COMPETING VEGETATION (I.E. LONG GRASS, INVASIVES ETC) TWICE PER ANNUM BY SOLELY MECHANICAL MEANS.

1.6. THE CONTRACTOR WILL REPLACE, AS REQUIRED, PROTECTIVE SMALL MAMMAL GUARDS ON PLANTED TREE STOCK.

1.7. THE CONTRACTOR WILL WATER PLANTS WEEKLY FROM JUNE 15 TO SEPTEMBER 15 FOR THE FIRST TWO YEARS AFTER PLANT INSTALLATION

1.8. THE CONTRACTOR WILL REPLACE DEAD OR MISSING PLANT MATERIAL IN THE SPRING AND FALL SEASON.

1.9. SHOULD PLANT SURVIVORSHIP TARGETS NOT BE ACHIEVED, THE CONTRACTOR IS REQUIRED TO BEAR THE COSTS OF REPLACEMENT PLANTING AND WHATEVER MAINTENANCE EFFORTS (CONTROL OF COMPETING PLANTS, WATERING, SOIL PREPARATION ETC)
2. PERMITS

2.1. CONTRACTOR TO PROVIDE THE FOLLOWING PERMITS: REFER TO TENDER DOCUMENTS
3. FIELD LAYOUT AND SURVEY COORDINATION

3.1. SITE LAYOUT TO BE BASED ON TSS (TOTAL STATIONING SURVEY) OR APPROVED EQUAL GPS METHOD TO ENSURE ACCURACY IN LAYOUT.

3.2. SITE LAYOUT AND SURVEY FILES CAN BE PROVIDED TO THE CONTRACTOR IN AUTOCAD FORMAT AT THE TIME OF CONSTRUCTION START-UP.
4. SITE MOBILIZATION, STAGING, AND SAFETY

4.1. PROVIDE MOD-U-LOCK FENCE OR APPROVED EQUAL AROUND THE LIMIT OF CONSTRUCTION AND PROTECT THE SITE AT ALL TIMES FROM PUBLIC ACCESS.

4.2. PROVIDE INFORMATION ON INTENDED SITE STORAGE AND STAGING AREA(S) AND HAULING AT CONSTRUCTION START-UP. IF STORAGE OR STAGING AREA(S) ARE TO BE MOVED BETWEEN DIFFERENT PHASES OF WORK, INFORM OWNER AND CONTRACT ADMINISTRATOR AT CONSTRUCTION START-UP WITH MARKED UP PLANS.

4.3. PROVIDE PROOF OF A BC-ONE (BC-1) CALL AT THE TIME OF CONSTRUCTION START-UP MEETING.

4.4. ENSURE ESC (EROSION AND SEDIMENT CONTROL) MEASURES HAVE BEEN REVIEWED PRIOR TO COMMENCING DEMOLITION OR EXCAVATION WORKS OF THE SITE. AMEND ANY ESC RELATED REQUESTS FROM THE EM IMMEDIATELY. PROVIDE PHOTO PROOF AND EMAIL CONFIRMATION TO THE CONTRACT ADMINISTRATOR AND ENVIRONMENTAL CONSULTANT FOR APPROVAL PRIOR TO COMMENCING WORK.

4.5. ENSURE TREE PROTECTION FENCING HAS BEEN REVIEWED PRIOR TO COMMENCING WORK.
5. SOFT LANDSCAPES

5.1. SOFT LANDSCAPE SUPPLY, SUBMITTALS, PREPARATION AND EXECUTION TO COMPLY WITH CANADIAN LANDSCAPE STANDARD (BRITISH COLUMBIA). FULL DOCUMENT APPLIES.

5.2. ENSURE CONTRACTOR INSTALLING SOFT LANDSCAPES HAS A CURRENT COPY OF THE CANADIAN LANDSCAPE STANDARD (BRITISH COLUMBIA) PRESENT ON SITE.

5.3. SUBMIT REQUEST FOR REVIEW BY CONSULTANT OF SITE SOFT LANDSCAPE FINE GRADING PRIOR TO INSTALLATION OF PLANT MATERIAL.

5.4. PLANTS AND TREES:

5.4.1. PROVIDE CONSULTANT WITH OPPORTUNITY TO REVIEW PLANT STOCK AT NURSERY PRIOR TO SHIPMENT TO SITE. CONSULTANT RESERVES RIGHT TO REJECT STOCK ON SITE WHEN INCONSISTENT FROM NURSERY SAMPLE STOCK. PROVIDE CONSULTANT OPPORTUNITY TO REVIEW TREES AT NURSERY AND TAG PREFERRED TREE STOCK FOR THE PROJECT THAT COMPLIES WITH DRAWING SIZE, SPECIES, AND FORM. ONE (1) WEEK NOTICE IS REQUIRED FOR NURSERY REVIEW.

5.4.2. PLANTS TO BE WELL-ESTABLISHED AND UNIFORM IN SIZE. ALL PLANTS TO CONFORM TO THE STANDARDS SPECIFIED IN THE LATEST EDITION OF THE CANADIAN LANDSCAPE AND NURSERY ASSOCIATION STANDARD.

5.4.3. GROWING MEDIUM TO BE TYPE 2P AS PER CANADIAN LANDSCAPE STANDARD. GROWING MEDIUM DEPTHS AS PER CONSTRUCTION DETAILS. ALL GROWING MEDIUM TO CONFORM TO CITY OF COQUITLAM SUPPLEMENTARY SPECIFICATIONS AND DETAIL DRAWINGS. CONTRACTOR TO PROVIDE CONSULTANT WITH 1 LITER SAMPLE OF GROWING MEDIUM, FROM IDENTICAL SOURCE AS WILL BE USED ON SITE, AT LEAST 6 WEEKS PRIOR TO INSTALLATION.

5.4.4. SUBMIT GROWING MEDIUM REPORT FOR REVIEW PRIOR TO ORDER OR INSTALLATION.

5.4.5. ALL PLANTING TO OCCUR IN THE PERIOD OF MARCH 15 TO MAY 1 OR SEPTEMBER 1 TO NOVEMBER 1.

5.5. MULCH:

5.5.1. TO BE COMPOSTED BARK, BROWN (NOT RED) IN COLOUR.

5.5.2. MULCH TO BE COMPLIANT WITH MMCD 32 93 01.

5.5.3. A ONE (1) LITRE MULCH SUBMITTAL IS REQUIRED FOR APPROVAL PRIOR TO PURCHASE AND INSTALLATION.

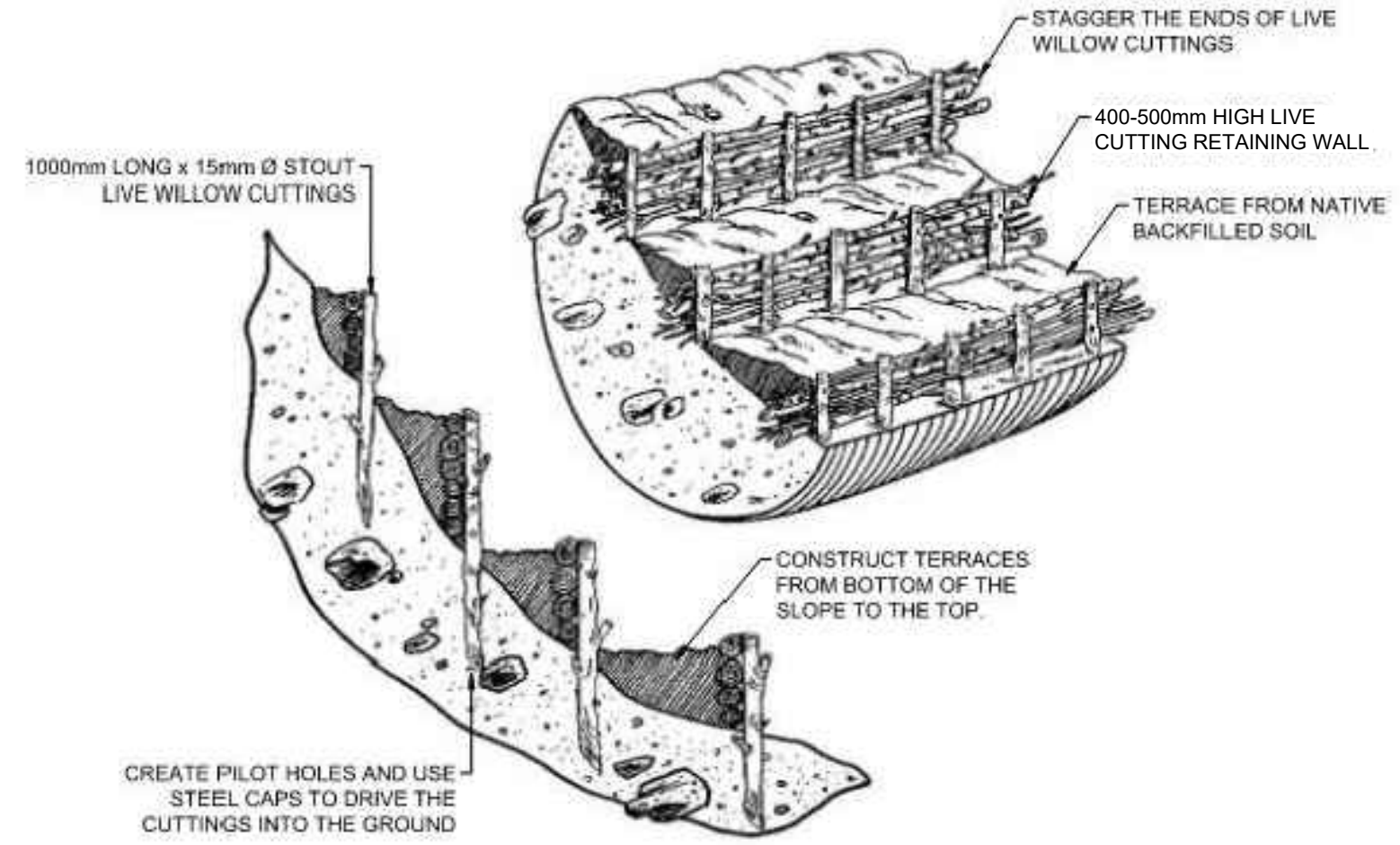
5.5.4. DEPTH OF MULCH TO BE 100mm AFTER SETTLEMENT WITH COMPLETE COVERAGE.

5.5.5. PROVIDE MULCH RING OF 1.2M DIAMETER AND COMPLIANT WITH BC LANDSCAPE STANDARDS FOR EACH NEW TREE.

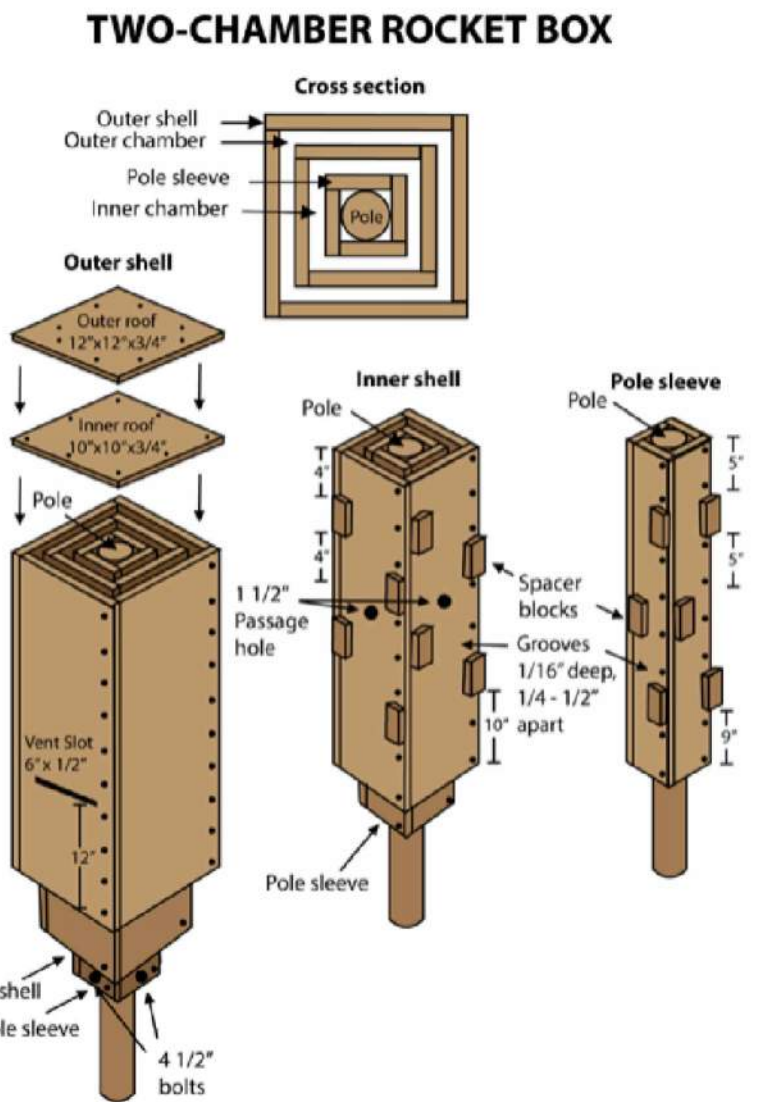
5.6. THE CONSULTANT MAY REQUEST, AT THE CONTRACTOR'S EXPENSE, UP TO TWO TESTS OF GROWING MEDIUM IF SUSPECTED INCONSISTENCIES APPEAR. TESTS SAMPLES WILL BE SUBMITTED TO PACIFIC SOIL ANALYSIS INC. IN RICHMOND BC, SUITE 5 11720 VOYAGEUR WAY, RICHMOND, BC, V6X 3G9.

5.7. ESTABLISHMENT MAINTENANCE AND WATERING: REFER TO SECTION 1.0 OF THESE LANDSCAPE NOTES.
6. STREAM BED INSTALLATION

6.1. INSTALLATION OF CHANNEL SUBSTRATE AND THALWEG TO OCCUR UNDER FULL-TIME SUPERVISION OF EM



1 27 TYPICAL WATTLE FENCE PLANTING DETAIL NTS



2 27 TWO CHAMBER BAT BOX TYPICAL DETAIL NTS



BAT BOX NOTES:

1. GENERAL NOTES

1.1. ALL BAT BOXES WILL BE TWO-CHAMBERED ROCKET BOXES CONSTRUCTED TO THE ATTACHED SPECIFICATIONS.

1.2. THE BAT BOX OUTER ROOF MUST BE COMPLETELY WATERPROOF.

1.3. THE BAT BOX EXTERIOR MUST BE BLACK OR DARK IN COLOUR.

1.4. EACH BAT BOX SHALL HAVE MULTIPLE NAILS INSTALLED ON THE ROOF TO PREVENT AERIAL PREDATOR PERCHING.
2. MATERIAL NOTES

2.1. ALL BAT BOXES MUST BE CONSTRUCTED OF CEDAR OR EXTERIOR-GRADE PLYWOOD. PLYWOOD MUST BE MINIMUM 3/4" THICK AND AT LEAST 4 PLIES.

2.2. NO PRESSURE-TREATED WOOD IS PERMITTED TO BE USED.

2.3. EXTERIOR-GRADE SCREWS, NAILS, STAPLES AND HARDWARE IS TO BE USED.

2.4. POLES MUST BE MADE OF STEEL. ANY POLE MATERIAL SUBSTITUTIONS MUST BE SUBMITTED TO CONTRACT ADMINISTRATOR FOR APPROVAL PRIOR TO MATERIAL ORDERING.

2.5. ALL CRACKS AND SEAMS MUST BE CAULKED TO PREVENT WATER INTRUSION.

2.6. EXTERIOR SURFACE OF THE BOX MUST BE STAINED BLACK OR A DARK COLOUR USING A WATER-BASED, NON-TOXIC STAIN (TALL EARTH OR APPROVED EQUIVALENT). OIL-BASED PAINTS OR STAINS WITH STRONG ODOURS OR VOLATILE ORGANIC COMPOUNDS (VOCs) ARE NOT ACCEPTABLE. STAIN MUST BE SUBMITTED TO CONTRACT ADMINISTRATOR FOR APPROVAL PRIOR TO ORDERING.

2.7. ALL INTERIOR SURFACES OF THE BOX MUST BE NOT BE STAINED.
3. BAT BOX MOUNTING AND LOCATION SPECIFICATIONS

3.1. ALL BAT BOXES MUST BE MOUNTED ON A MINIMUM 20' POLE.

3.2. THE BASE OF THE BAT BOX MUST BE A MINIMUM OF 12" AND MAXIMUM OF 20" FROM THE GROUND WHEN MOUNTED ON THE POLE.

3.3. THE POLE MUST BE DRIVEN A MINIMUM OF 4' DEPTH INTO THE GROUND.

3.4. EACH BAT BOX MUST BE MOUNTED SO THAT IT IS SOUTH FACING AND RECIEVES A MINIMUM OF 6 HOURS OF DIRECT SUN.

3.5. BAT BOXES MUST BE PLACED IN AN UNCLUTTERED LOCATION SUCH THAT THERE ARE NO OBSTRUCTIONS AROUND THE BOX ENTRANCE FOR AT LEAST 5 METERS IN ALL DIRECTIONS. .

3.6. BAT BOXES MUST BE PLACED AWAY FROM ROADS, LIGHTS AND AREAS OF HIGH WIND.

3.7. BAT BOXES MUST BE PLACED WITHIN 400 M OF A STREAM, RIVER, LAKE, OR POND.

3.8. BAT BOXES MUST BE AT LEAST 6 METERS AWAY FROM ALL TREE BRANCHES OR WIRES.

3.9. BAT BOXES SHALL BE PLACED AWAY FROM AREAS OF HIGH HUMAN ACTIVITY (E.G. PUBLIC WALKING PATHS, PARKS, ETC.) TO PREVENT POTENTIAL HUMAN INTERACTION WITH BATS.

3.10. VEGETATION GROWTH MUST BE TAKEN INTO CONSIDERATION WHEN PLACING BAT BOXES SUCH THAT ALL OF THE ABOVE SPECIFICATIONS WILL CONTINUE TO BE MET INTO THE FUTURE.

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PLOT DATE: December 15, 2025			
REV NO.	REVISION DESCRIPTION	DATE	DRAWN
A	ISSUED FOR TENDER	2025/12/16	ML



PARTINGTON CREEK ENHANCEMENT HABITAT
CEDAR DRIVE UPGRADES - PHASE 2



SCALE	AS SHOWN	CREATION DATE	NOV - 2023	DWG. NO. 27 OF 48
DRAWN BY	ML	DESIGN BY	AR	
CHECKED BY	AR	APPROVED BY	AR	
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1 ENVIRONMENTAL/PLANTING PLAN
PLAN SCALE 1:250

PLANT SCHEDULE

SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT
TREES					
AG	AG	30	Abies grandis	Grand Fir	#10 POT
AC	AC	10	Acer circinatum	Vine Maple	#10 POT
AR	AR	9	Alnus rubra	Red Alder	#10 POT
AI	AI	73	Alnus sinuata	Sitka Alder	#10 POT
BP	BP	32	Betula papyifera	Paper Birch	#10 POT
CN	CN	15	Cornus nuttallii	Pacific Dogwood	#10 POT
CD	CD	31	Crataegus douglasii	Black Hawthorn	#10 POT
MG	MG	13	Malus fusca	Oregon Crab Apple	#10 POT
PG	PG	6	Picea glauca	White Spruce	#10 POT
PC	PC	27	Pinus contorta	Shore Pine	#10 POT
PE	PE	20	Prunus emarginata	Bitter Cherry	#10 POT
PD	PD	16	Pseudotsuga menziesii	Douglas Fir	#10 POT
QG	QG	6	Quercus garryana	Garry Oak	#10 POT
TP	TP	52	Thuja plicata	Western Red Cedar	#10 POT
TH	TH	17	Tsuga heterophylla	Western Hemlock	#10 POT

SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING
SHRUB AREAS						
Cs2	Cs2	185	Cornus sericea	Red-twig Dogwood	#1 POT	1,500 mm
Hd	Hd	143	Holodiscus discolor	Ocean Spray	#1 POT	1,500 mm
Lc	Lc	212	Lonicera ciliosa	Orange Honeysuckle	#1 POT	1,500 mm
LI3	LI3	131	Lonicera involucrata	Twinberry Honeysuckle	#1 POT	2,000 mm
Li	Li	141	Lonicera involucrata	Twinberry	#1 POT	2,000 mm
Mg	Mg	1,334	Myrica gale	Sweetgale	#1 POT	900 mm
Oc	Oc	130	Oemleria cerasiformis	Indian Plum	#1 POT	2,000 mm
Oh	Oh	140	Oplopanax horridus	Devil's Club	#1 POT	2,000 mm
Rs3	Rs3	170	Ribes sanguineum	Red-flowering Currant	#1 POT	900 mm
Rn	Rn	1,338	Rosa nutkana	Nootka Rose	#1 POT	900 mm
Rt2	Rt2	228	Rubus parviflorus	Thimbleberry	#1 POT	2,000 mm
Rs4	Rs4	134	Rubus spectabilis	Salmonberry	#1 POT	2,000 mm
Sn	Sn	141	Salix hookeriana	Hooker's Willow	Live Stake	2,000 mm
Sx	Sx	357	Salix x 'Scouleriana'	Scouler's Willow	Live Stake	2,000 mm
Sd	Sd	176	Spiraea douglasii	Hardhack	#1 POT	2,000 mm
Sx2	Sx2	352	Symphoricarpos x albus	Common Snowberry	#1 POT	2,000 mm
GROUND COVERS						
Bs	Bs	269	Blechnum spicant	Deer Fern	#1 POT	600 mm
Co	Co	711	Carex obnupta	Slough Sedge	#1 POT	600 mm
Je	Je	154	Juncus effusus	Soft Rush	#1 POT	600 mm
Pm	Pm	454	Polystichum munitum	Western Sword Fern	#1 POT	600 mm
Sa	Sa	802	Scirpus acutus	Hardstem Bulrush	#1 POT	600 mm
Sm	Sm	691	Scirpus microcarpus	Small-fruited Bulrush	#1 POT	600 mm
Ud	Ud	288	Urtica dioica	Stinging Nettle	#1 POT	600 mm

2 BAT BOX
ELEVATION

SCALE 1:20
IFT DESIGN NO.

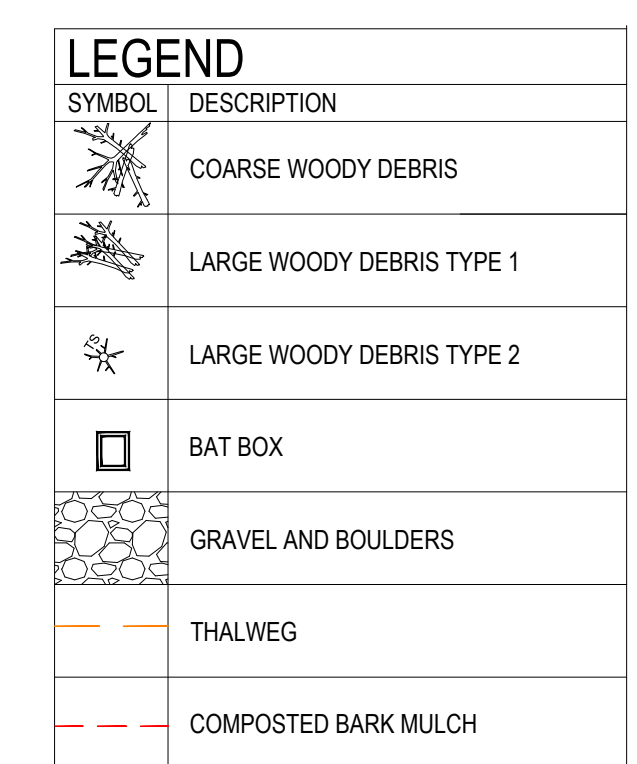
SYMBOL	DESCRIPTION
	COARSE WOODY DEBRIS
	LARGE WOODY DEBRIS TYPE 1
	LARGE WOODY DEBRIS TYPE 2
	BAT BOX
	GRAVEL AND BOULDERS
	THALWEG
	COMPOSTED BARK MULCH

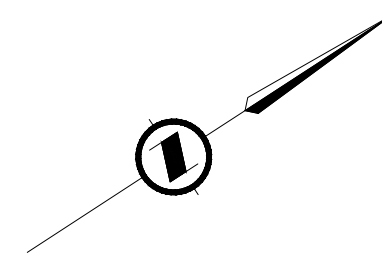
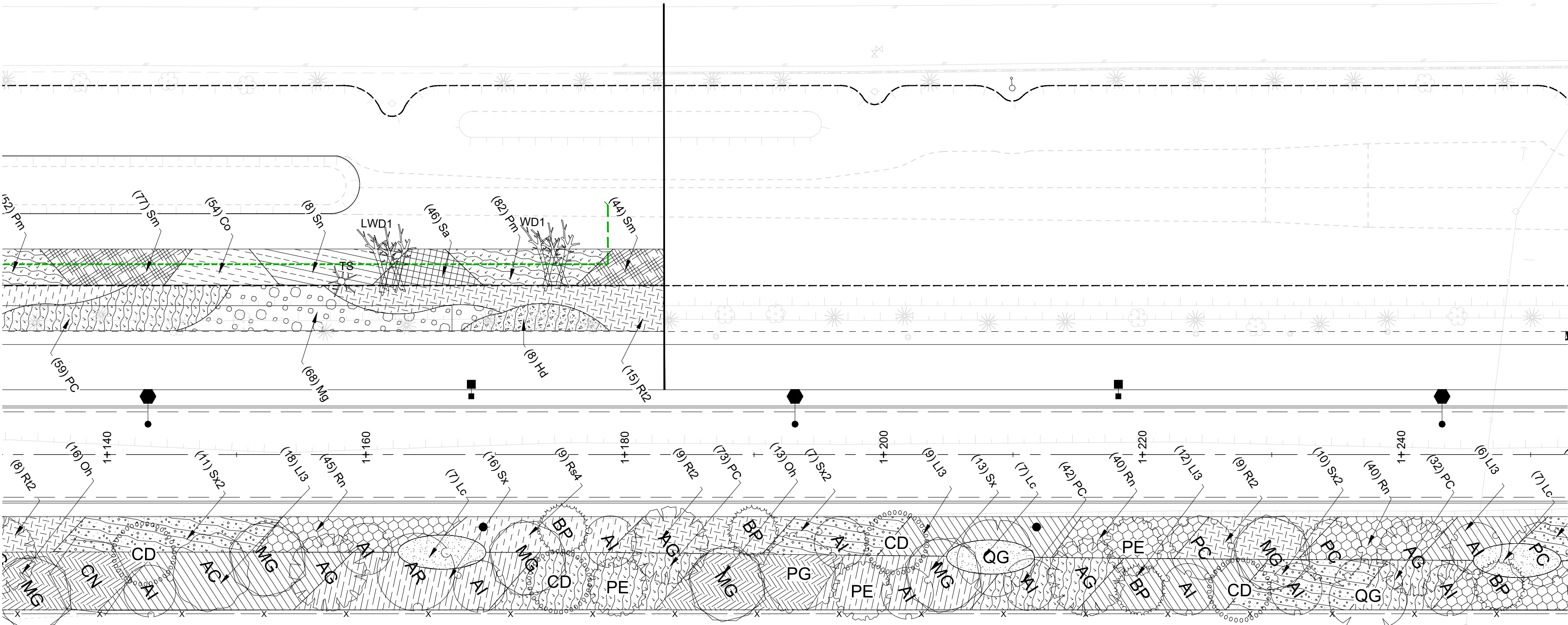
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


PARTINGTON CREEK ENHANCEMENT HABITAT
OFF-SETTING/PLANTING PLAN



SCALE	AS SHOWN	CREATION DATE	NOV - 2023	DWG. NO.
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CHECKED BY	AR	APPROVED BY	AR	48
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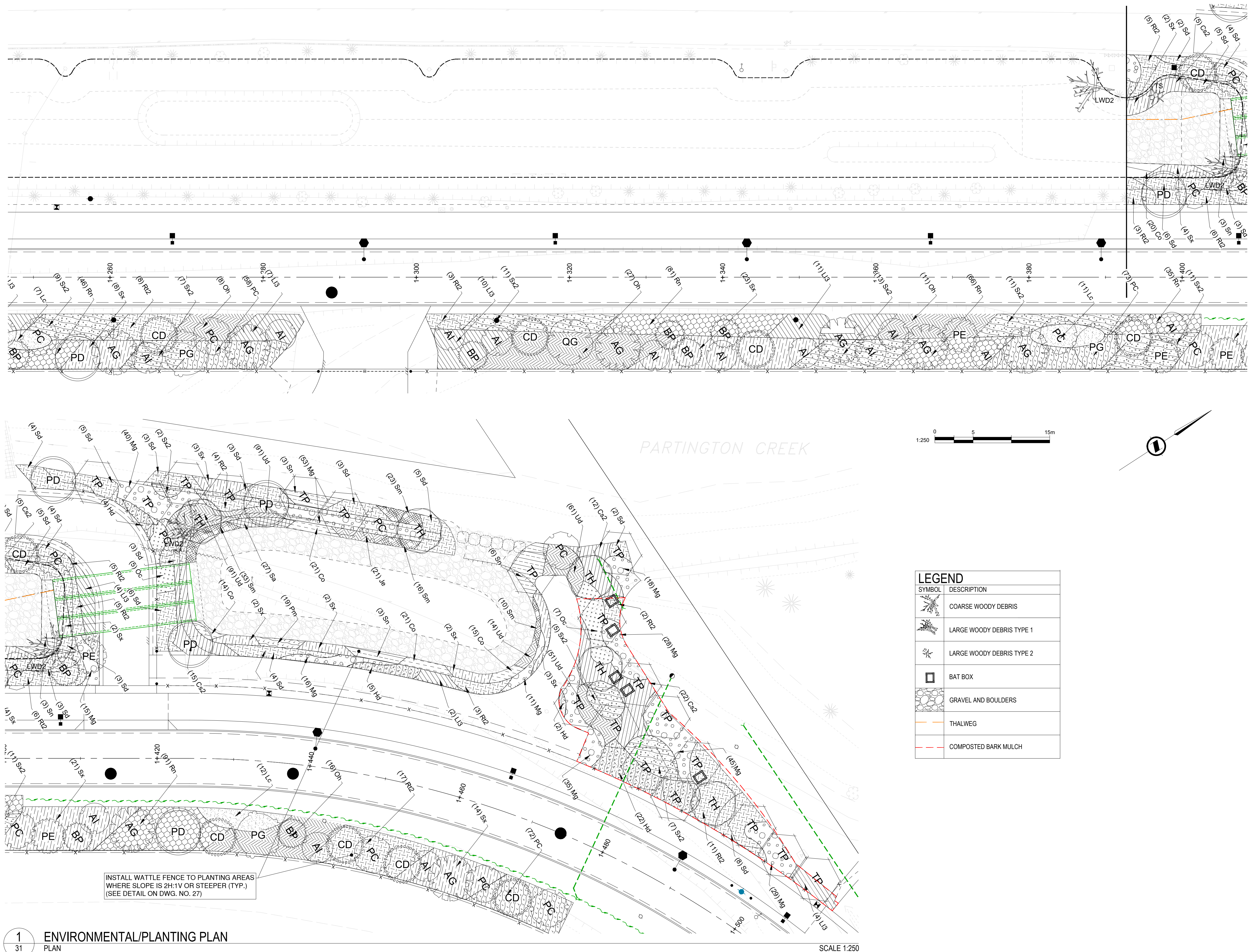




LEGEND	
SYMBOL	DESCRIPTION
	COARSE WOODY DEBRIS
	LARGE WOODY DEBRIS TYPE 1
	LARGE WOODY DEBRIS TYPE 2
	BAT BOX
	GRAVEL AND BOULDERS
	THALWEG
	COMPOSTED BARK MULCH

SCALE 1:250

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1 ENVIRONMENTAL/PLANTING PLAN
31 PLAN

SCALE 1:250

PLOT DATE: December 15, 2025				
REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPR'D
A	ISSUED FOR TENDER	2025/12/16	ML	AR



PARTINGTON CREEK ENHANCEMENT HABITAT ENVIRONMENTAL/PLANTING PLAN



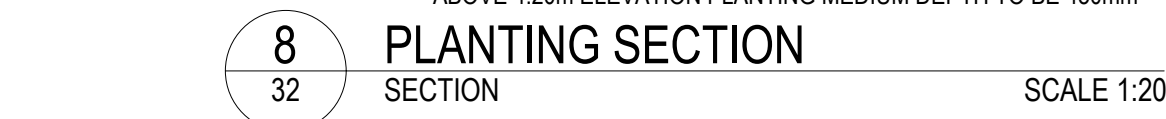
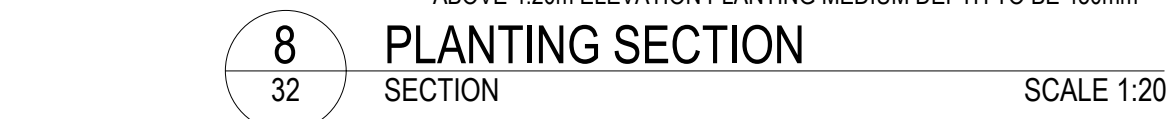
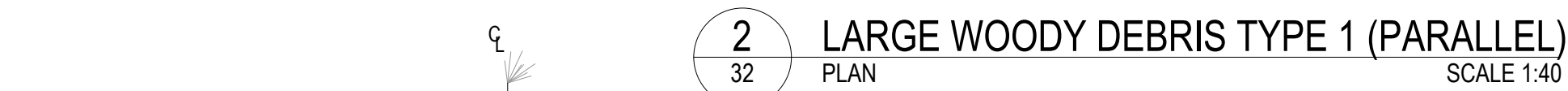
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SCALE	AS SHOWN	CREATION DATE	NOV - 2023	DWG. NO. 31 OF 48 REV. A
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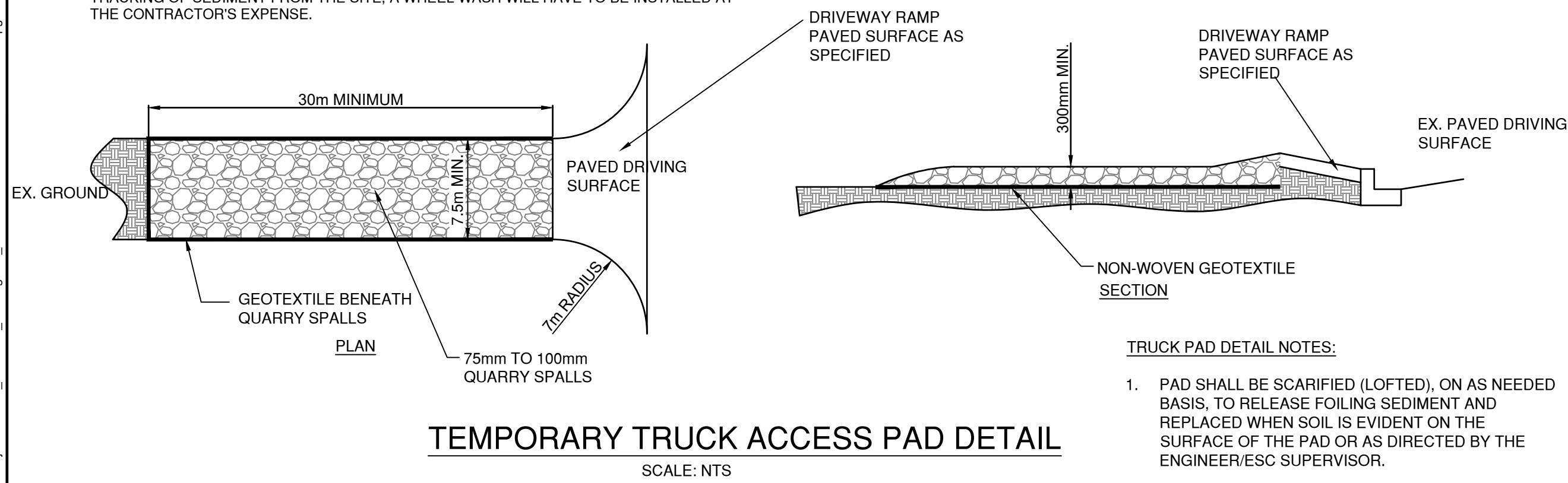
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EROSION & SEDIMENT CONTROL GENERAL NOTES

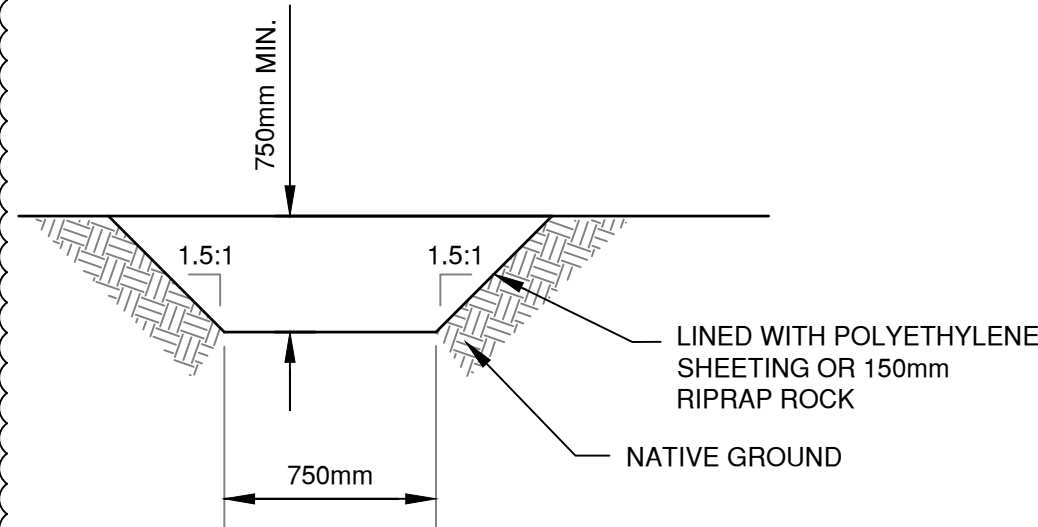
- ALL WORKS SHALL BE UNDERTAKEN AND COMPLETED IN A MANNER AS TO PREVENT THE RELEASE OF SEDIMENT, SILT OR SEDIMENT LADEN WATER, OR ANY OTHER DELETERIOUS SUBSTANCE INTO ANY DRAINAGE SYSTEM OR WATERCOURSE AS PER THE CITY OF COQUITLAM "STREAM AND DRAINAGE SYSTEM PROTECTION BYLAW NO. 4403, 2013" AND BC WATER QUALITY GUIDELINES.
- PRIOR TO COMMENCING WORKS WITHIN 30m OF A WATERCOURSE, ALL ENVIRONMENTAL APPROVALS, PERMITS, NOTIFICATIONS AND AUTHORIZATIONS MUST BE SECURED, AND KEPT ONSITE DURING CONSTRUCTION ACTIVITIES.
- IT IS THE SITE CONTRACTOR'S RESPONSIBILITY TO ENSURE NO PERSON SHALL CAUSE OR PERMIT TO BE RELEASED DIRECTLY OR INDIRECTLY INTO THE DRAINAGE SYSTEM ANY SEDIMENT, EARTH, CONSTRUCTION OR EXCAVATION WASTES, CEMENT, CONCRETE, OR OTHER SUBSTANCES, WHICH MIXED WITH WATER WILL RESULT IN A pH VALUE OUTSIDE THE RANGE OF 6.5 TO 8.0, OR A DISCHARGE EXCEEDING A TURBIDITY LEVEL OF 25 NTU, EXCEPT DURING AND FOR 24 HOURS FOLLOWING A SIGNIFICANT RAIN EVENT (25mm OF RAIN WITHIN A 24 HOUR PERIOD) A DISCHARGE EXCEEDING 100 NTU.
- THE BURKE MOUNTAIN RAIN GAUGE WILL BE REFERENCED FOR RAINFALL DETERMINATION AND INSPECTION FREQUENCY DETERMINATION.
- THE WORKS SHOWN SHALL BE A MINIMUM REQUIREMENT. THE CONTRACTOR SHALL MODIFY AND/OR PROVIDE ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES AS NECESSARY TO ACCOMMODATE CONSTRUCTION ACTIVITIES AND ACHIEVE THE DISCHARGE REQUIREMENTS OF THE BYLAW.
- PRIOR TO WORKS A PRE-CONSTRUCTION SITE MEETING WILL BE ARRANGED AMONGST THE MANAGING ENGINEER, CONTRACTOR'S SITE SUPERVISOR AND ESCS.
- ESC MEASURES SHALL BE INSTALLED PRIOR TO THE START OF CONSTRUCTION.
- AN EROSION AND SEDIMENT CONTROL SUPERVISOR (ESCS) WILL BE RETAINED BY THE CITY TO INSPECT SITE ACTIVITIES TO ENSURE CONFORMANCE WITH THIS PLAN AND COMPLIANCE WITH THE ESC BYLAW.
- SRE INSPECTIONS WILL BE COMPLETED 48 HOURS PRIOR TO FORECASTED SIGNIFICANT RAINFALL EVENT (SRE) OR DURING AND WITHIN 24 HOURS OF AN SRE. SRE ESC REPORTING WILL TAKE PLACE WITHIN 7 DAYS OF MONITORING EVENT.
- THE CONTRACTOR SHALL OBTAIN SUFFICIENT QUANTITIES OF SILT FENCING, STRAW, CLEAN GRANULAR MATERIAL, POLYETHYLENE SHEETING, ETC PRIOR TO COMMENCING GROUND DISTURBANCE ACTIVITIES.
- EXPOSED SOIL STOCK PILES ARE TO BE COVERED WITH ONE LAYER OF 6MIL POLY AND WEIGHTED OR STAPLED INTO PLACE. SEE DETAIL THIS SHEET.
- EXPOSED SLOPES AND/OR CUT SLOPES TO BE COVERED WITH ONCE LAYER OF 6MIL POLY AND WEIGHTED OR STAPLED INTO DURING SIGNIFICANT RAIN EVENTS.
- THE CONTRACTOR SHALL INSTALL EFFECTIVE ESC FACILITIES TO PREVENT ENTRY OF SEDIMENT INTO WATERCOURSES AND DRAINAGE SYSTEM.
- THE CONTRACTOR SHALL MAINTAIN ALL ESC MEASURES AND FACILITIES ON AN AS-NEEDED BASIS. MAINTENANCE MAY INCLUDE BUT IS NOT NECESSARILY LIMITED TO REPLACING SILT FENCING, RE-STAKING FALLEN SILT FENCING, DISPOSAL OFFSITE OF DEBRIS AND SEDIMENT, REPLACING FOULED GRAVEL EGRESS PADS AND CLEANING OUT ANY SEDIMENT CONTROL SWALES.
- THE CONTRACTOR IS TO AVOID EARTH DISTURBING ACTIVITIES DURING SIGNIFICANT RAIN EVENTS LEADING TO GROUND SATURATION. SIGNIFICANT RAIN EVENTS AND GROUND SATURATION WILL BE DETERMINED BY THE ESCS BASED UPON ON-THE-GROUND INVESTIGATION.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR THE REPAIR OR DAMAGE, DIRECTLY RESULTING FROM HIS OPERATIONS AND FOR THE REMOVAL OF DIRT OR DEBRIS FROM EXISTING SYSTEMS, WHICH MAY BE CAUSED BY OR WHICH MAY RESULT FROM WATER BACKING UP OR OVERFLOWING THROUGH, FROM, OR ALONG ANY PART OF THE WORK OR ADJACENT PROPERTIES. THE CONTRACTOR SHALL BEAR ALL COSTS ASSOCIATED WITH THESE REPAIRS UNTIL WORKS IS COMPLETE AND ACCEPTED BY THE OWNER(S).
- MINIMIZE EXPOSURE OF MINERAL SOILS DURING THIS PHASE OF WORKS BY APPLICATION OF STRAW. APPLY STRAW TO 30m OR WHEN UNDERLYING SOILS ARE NOT VISIBLE. RE-APPLY STRAW, AS IT DEGRADES. THE USE OF HAY SHALL BE AVOIDED AS IT MAY CONTAIN SEEDS OF INVASIVE PLANTS.
- TRUCK EGRESS PADS SHALL BE CONSTRUCTED AT THE ENTRANCE/EXIT OF THE SITE. SEE DETAIL THIS SHEET.
- WHEN THE EGRESS PAD BECOMES FOULED, IT WILL BE SCARIFIED TO REMOVE OCCLUDING SEDIMENTS, AND ADDITIONAL CLEAN MATERIAL WILL BE ADDED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
- ANY SEDIMENT TRANSPORTED ONTO CITY STREETS IS TO BE IMMEDIATELY SWEEPED.
- IF THE ROCK ACCESS PAD AND ROAD SWEEPING IS INEFFECTIVE AT CONTROLLING TRACKING OF SEDIMENT FROM THE SITE, A WHEEL WASH WILL HAVE TO BE INSTALLED AT THE CONTRACTOR'S EXPENSE.



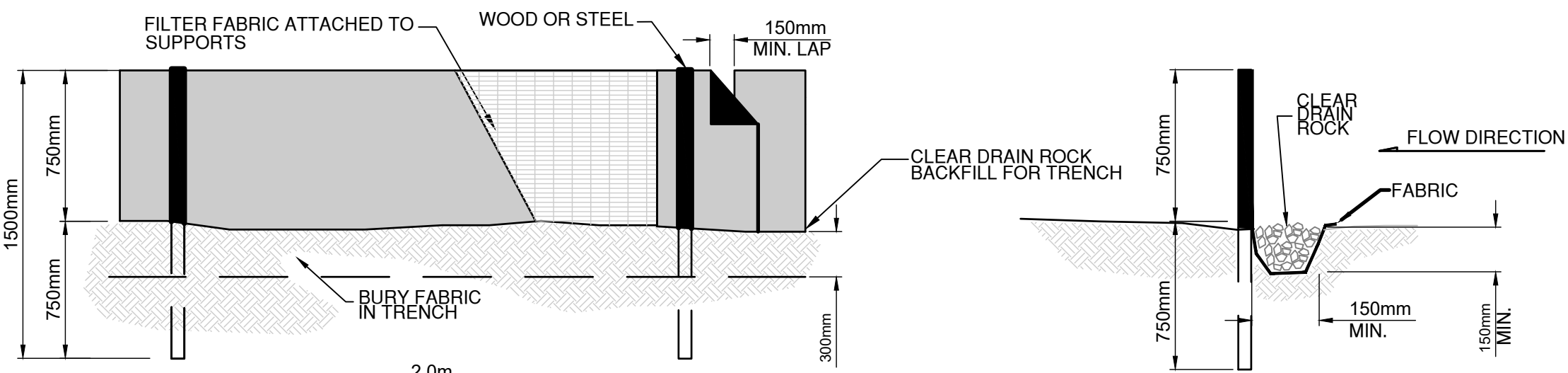
TEMPORARY TRUCK ACCESS PAD DETAIL
SCALE: NTS

TRUCK PAD DETAIL NOTES:

- PAD SHALL BE SCARIFIED (LOFTED), ON AS NEEDED BASIS, TO RELEASE FOILING SEDIMENT AND REPLACED WHEN SOIL IS EVIDENT ON THE SURFACE OF THE PAD OR AS DIRECTED BY THE ENGINEER/ESC SUPERVISOR.
- ADDITIONAL CLEAN MATERIAL MUST BE ADDED IF SOIL CONDITIONS DICTATE OR PER THE DIRECTION OF THE ENGINEER/ESC SUPERVISOR.
- MINIMUM DIMENSIONS MAY BE MODIFIED AS REQUIRED BY SITE CONDITIONS UPON APPROVAL OF THE ENGINEER/ESC SUPERVISOR.



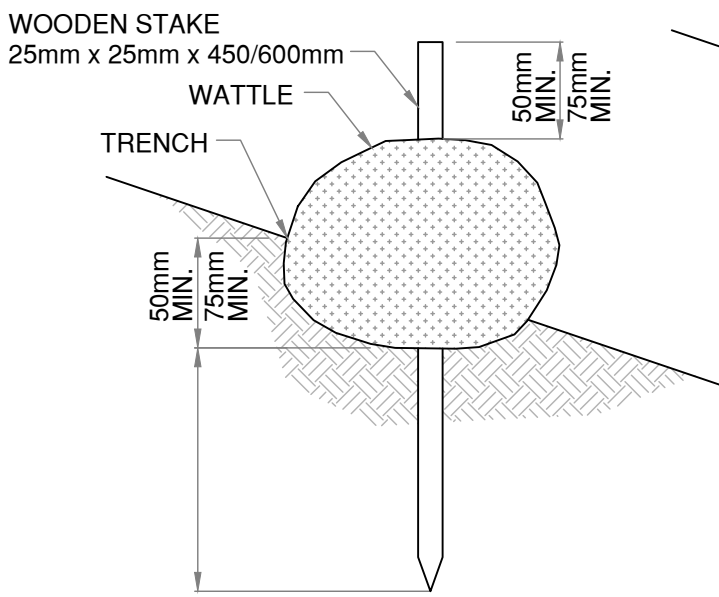
TYP. CONSTRUCTION
SEDIMENT SWALE SECTION
SCALE: NTS



SILT FENCE DETAIL
SCALE: NTS

TYPICAL STRAW WATTLE SECTION

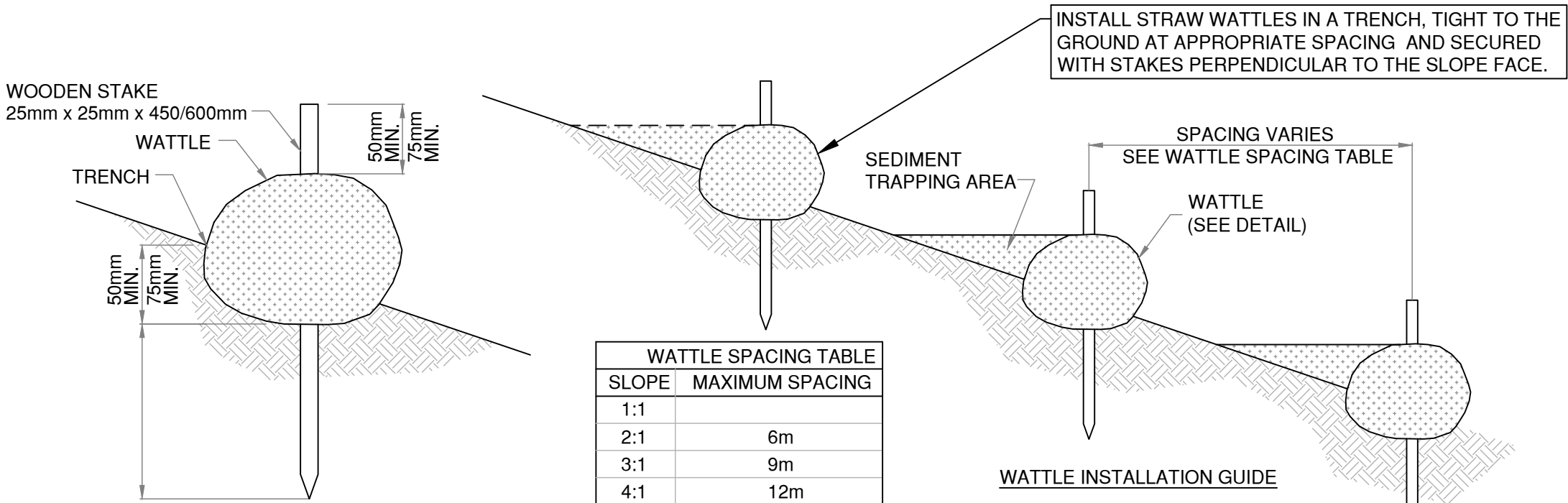
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WATTLE SPACING TABLE	
SLOPE	MAXIMUM SPACING
1:1	
2:1	6m
3:1	9m
4:1	12m

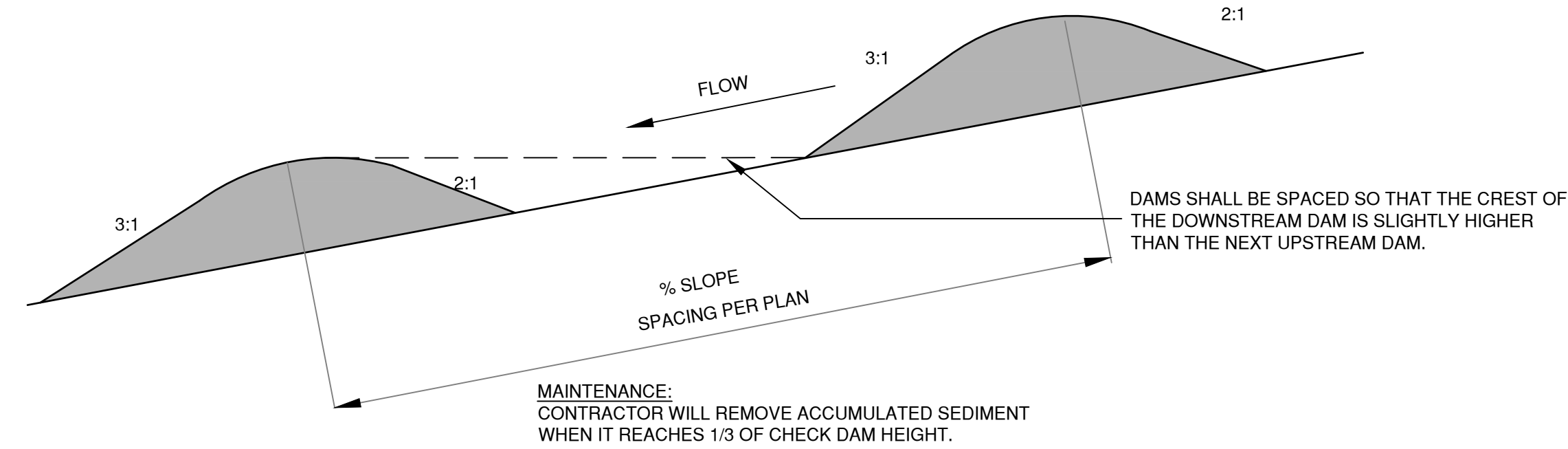
STRAW WATTLE INSTALLATION DETAIL

SCALE: NTS



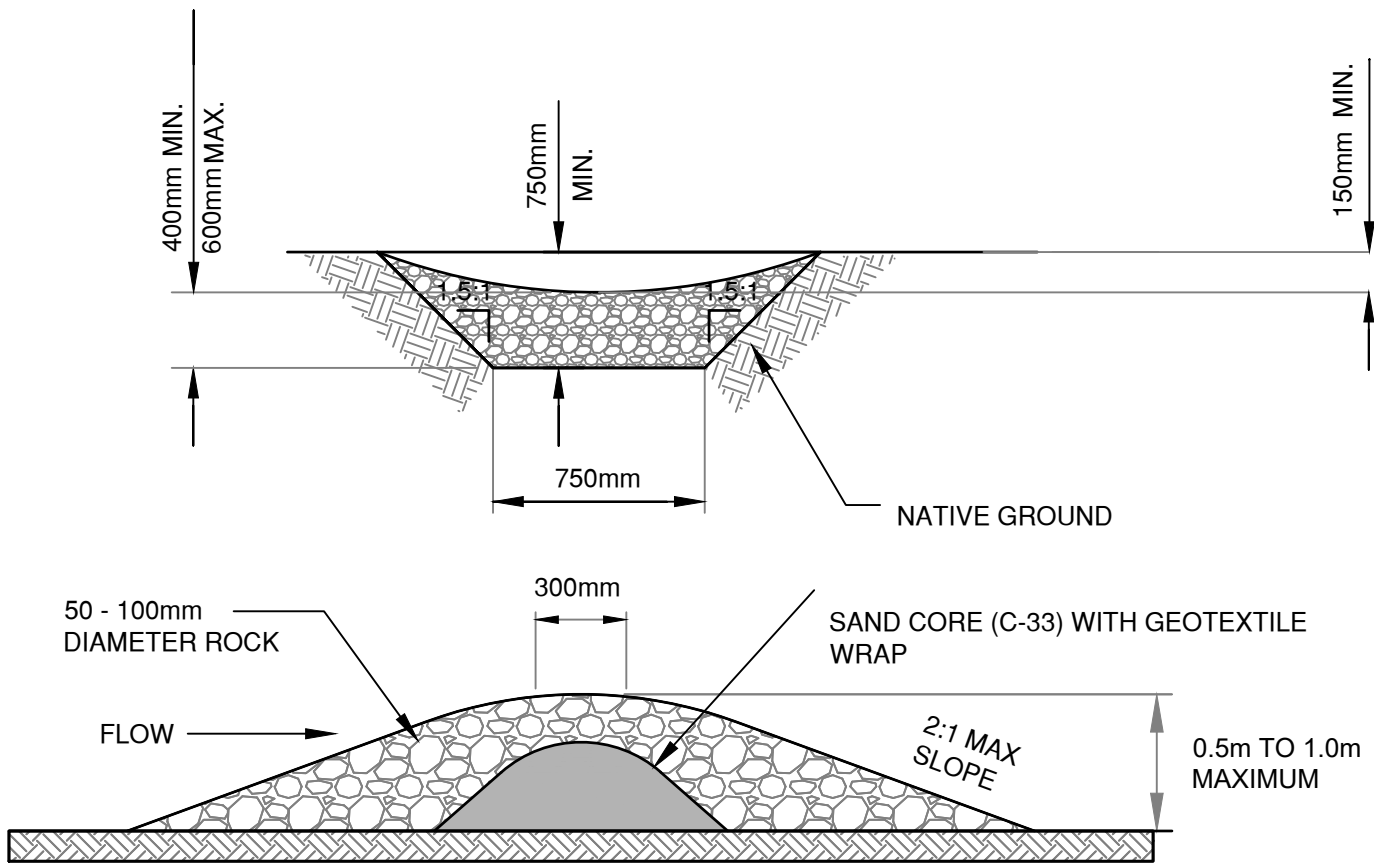
SEDIMENT CONTROL CHECK DAM - ELEVATION

SCALE: NTS



SEDIMENT CONTROL CHECK DAM - SECTION

SCALE: NTS

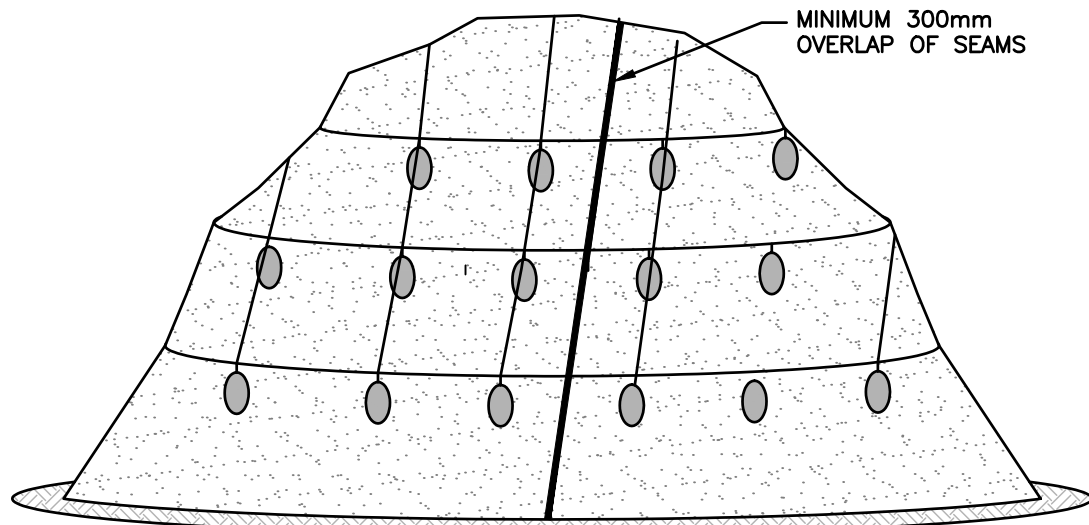


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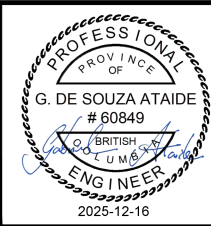
- MINIMUM 300mm OVERLAP OF ALL SEAMS REQUIRED.
- BARRIER REQUIRED @ TOE OF STOCK PILE.
- COVERING MAINTAINED TIGHTLY IN PLACE BY USING SANDBAGS OR TIRES ON ROPES WITH A MAXIMUM 3.0m GRID SPACING IN ALL DIRECTIONS.

DETAIL 2: PLASTIC SHEETING

SCALE: NTS



ESC NOTES AND DETAILS
CEDER DR UPGRADES - PHASE 1



#201, 3999 Herring Drive, Burnaby, B.C. V5C 6P9
T: (604)629-2096 F: (604)629-2098

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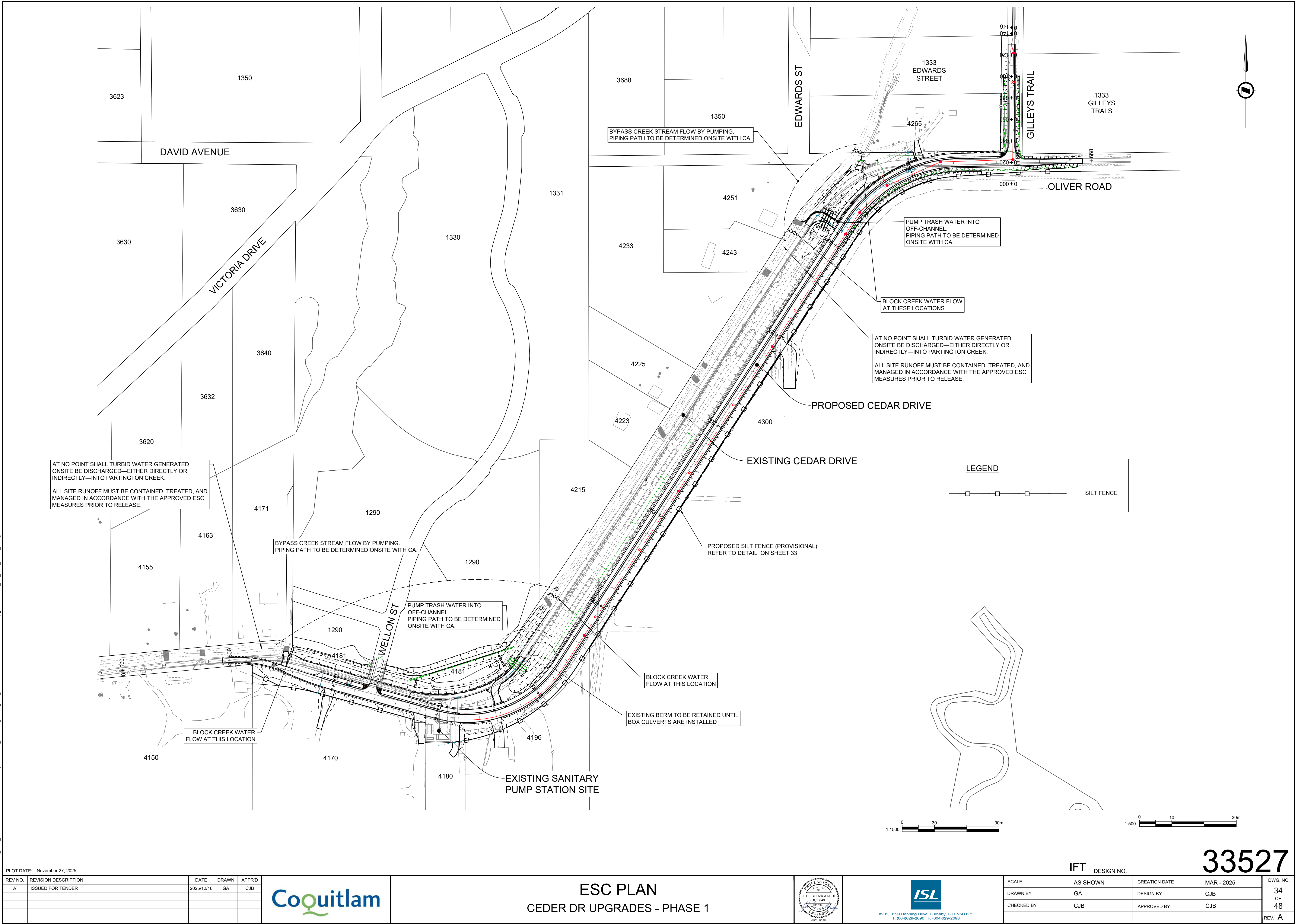
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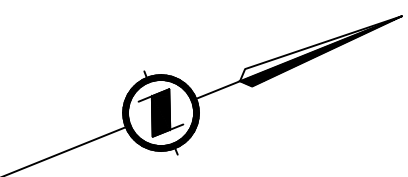
REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPR'D
A	ISSUED FOR TENDER	2025/12/16	GA	CJB



SCALE	AS SHOWN	CREATION DATE	MAR - 2025	DWG. NO.
DRAWN BY	GA	DESIGN BY	CJB	33
CHECKED BY	CJB	APPROVED BY	CJB	48
				REV. A

File: C:\ADSR\ACCDoc\SL\32628_COQ_CedarDrive-Phase1\Roadworks\Project Files\02_CADD\02_Drafting\203_Sheets\Phase 1 and 2 - Cedar Drive Upgrades\32628_SH_ESC_Phase_1.dwg



[illegible]

WELLON STREET

PLOT DATE: December 12, 2025

REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPRD
A	ISSUED FOR TENDER	2025/12/16	GA	CJB

Coquitlam

IRRIGATION

CEDAR DRIVE UPGRADES - PHASE 2



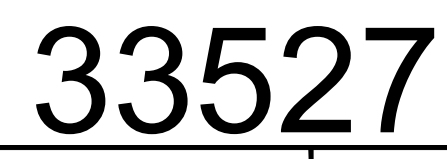
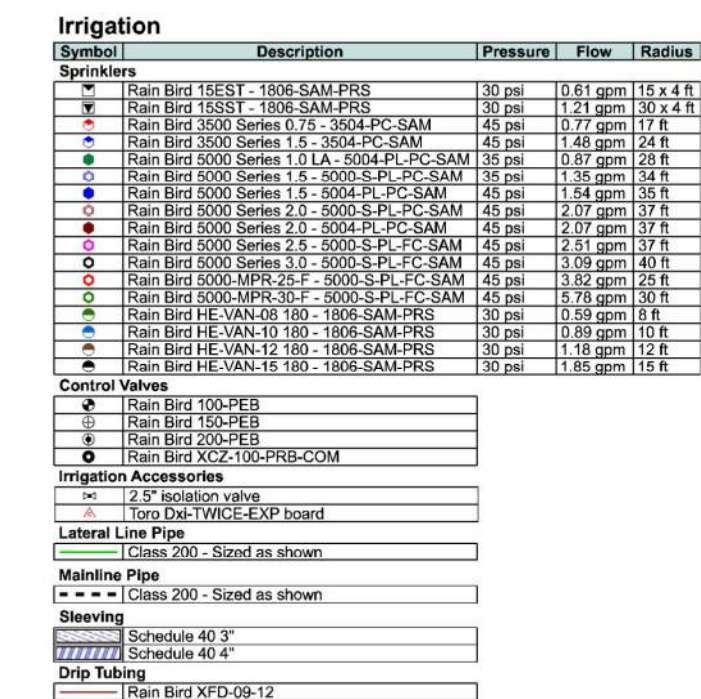
#201, 3999 Henning Drive, Burnaby, B.C. V5C 6P9
T: (604)629-2696 F: (604)629-2698

IFT DESIGN NO.

33527

SCALE	1:200	CREATION DATE	2023/07/06	DWG. NO.
DRAWN BY	KE	DESIGN BY	KE	35
CHECKED BY	CJB	APPROVED BY	CJB	OF
				48
				REV. A

EV. A



IFT DESIGN NO.

SCALE	1:200	CREATION DATE	APR - 2025	DWG. NO. 36 OF 48
DRAWN BY	KE	DESIGN BY	KE	
CHECKED BY	CJB	APPROVED BY	CJB	
				REV. A

File: C:\ADS\KAC\CD\CD_CedarDrivePhase2\Drawings\203_Sheets\Phase 1 and 2 - Cedar Drive Upgrades\32528_S1_Phase 2_Irrigation.dwg

PLOT DATE: December 12, 2025

REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPR'D
A	ISSUED FOR TENDER	2025/12/16	GA	CJB

Coquitlam

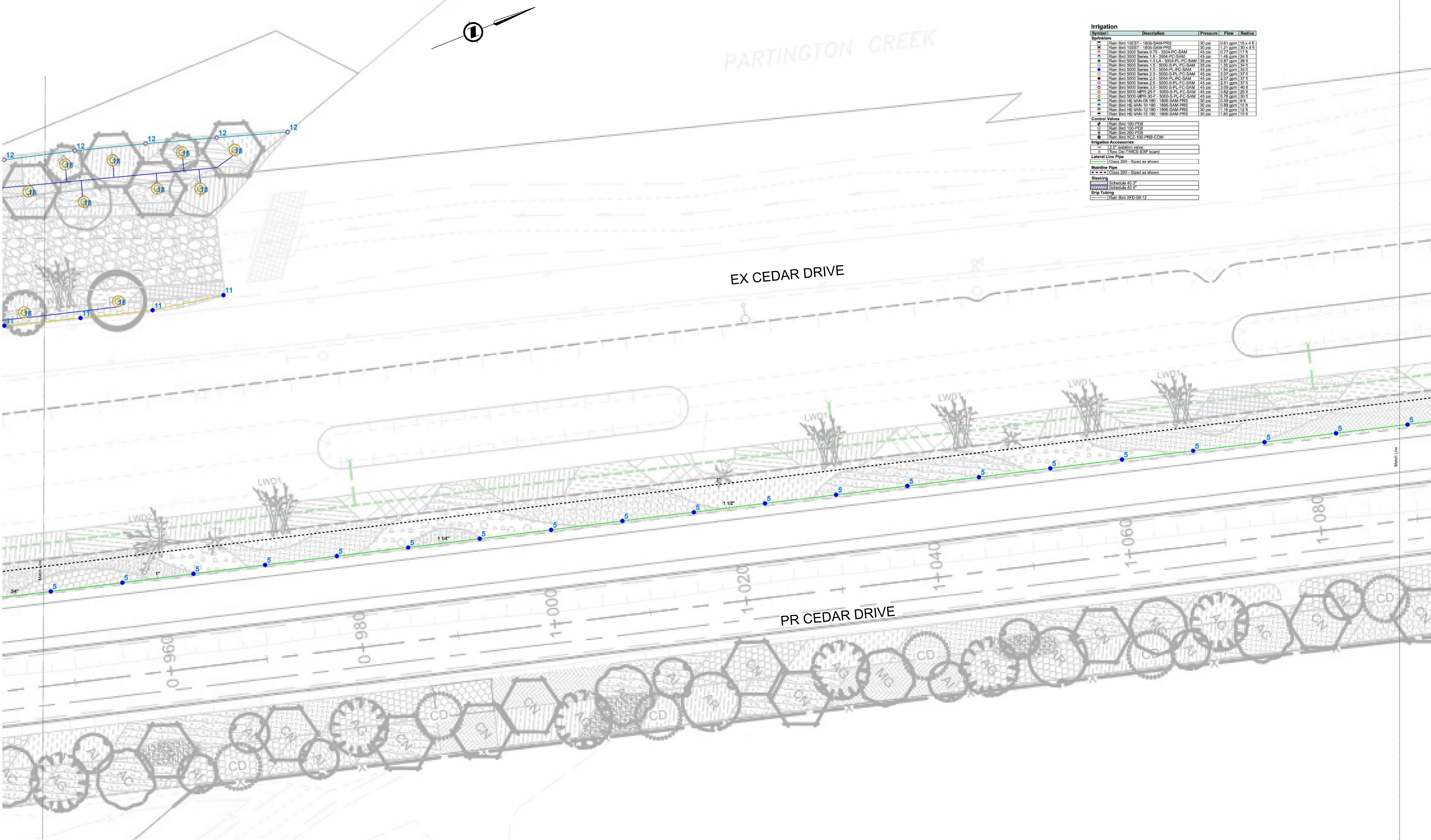
IRRIGATION
CEDAR DRIVE UPGRADES - PHASE 2



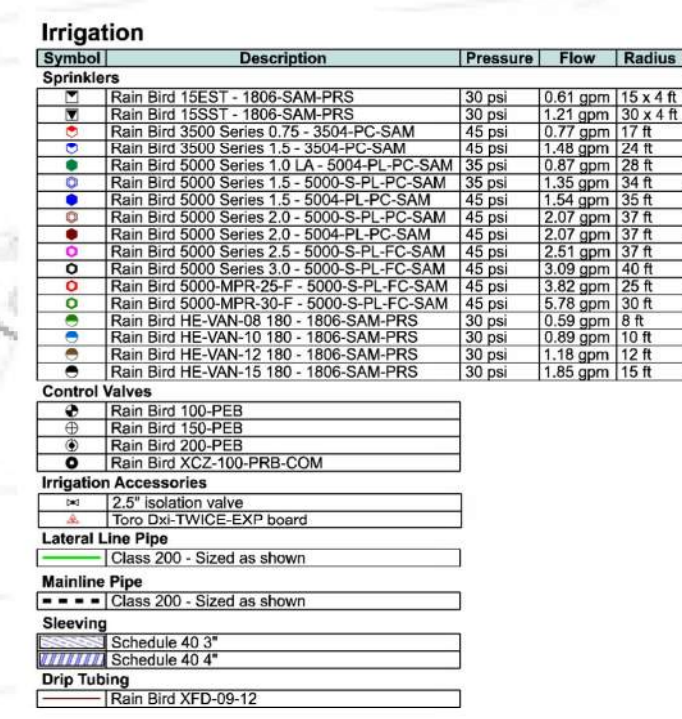
#201, 3998 Henning Drive, Burnaby, B.C. V5C 6P9
T: (604) 629-2096 F: (604) 629-2999

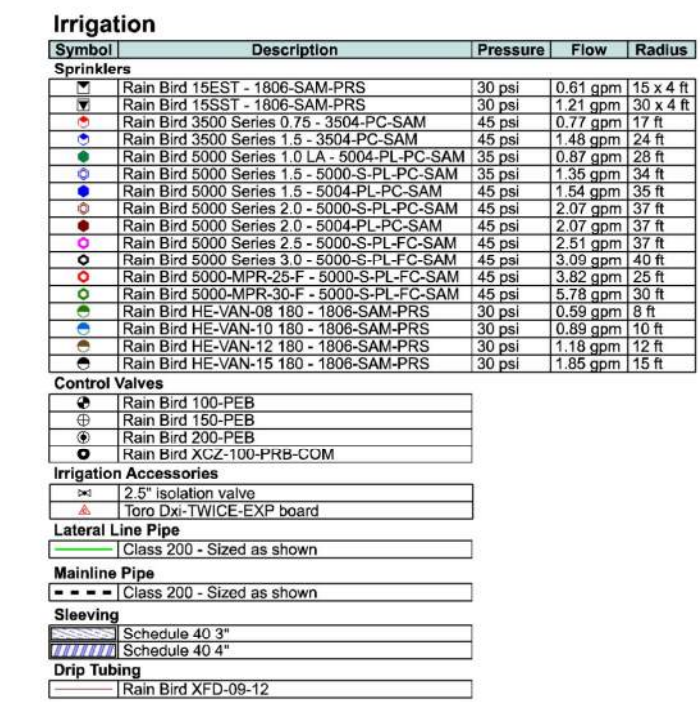
SCALE		IFT DESIGN NO.	
DRAWN BY	KE	CREATION DATE	2023/07/06
CHECKED BY	CJB	DESIGN BY	KE
		APPROVED BY	CJB
		DWG. NO.	38 OF 48
		REV.	A

33527



Symbol	Description	Pressure	Flow	Radius
Sprinklers				
•	Rain Bird 155T - 180G-SAM-PRS	30 psi	0.61 gpm	15 x 4 ft
•	Rain Bird 155T - 180G-SAM-PRS	30 psi	1.21 gpm	30 x 4 ft
•	Rain Bird 3000 Series 0.75 - 3504-PC-SAM	45 psi	0.77 gpm	17 ft
•	Rain Bird 3000 Series 1.5 - 3504-PC-SAM	45 psi	1.48 gpm	34 ft
•	Rain Bird 3000 Series 1.5 LA - 3504-L-PC-SAM	35 psi	0.87 gpm	18 ft
•	Rain Bird 3000 Series 1.5 - 5000-S-PL-PC-SAM	35 psi	1.35 gpm	34 ft
•	Rain Bird 3000 Series 1.5 - 5004-L-PC-SAM	45 psi	1.34 gpm	32 ft
•	Rain Bird 3000 Series 2.0 - 5000-S-PL-PC-SAM	45 psi	2.07 gpm	37 ft
•	Rain Bird 3000 Series 2.0 - 5004-L-PC-SAM	45 psi	2.02 gpm	37 ft
•	Rain Bird 3000 Series 2.5 - 5000-S-PL-PC-SAM	45 psi	2.51 gpm	37 ft
•	Rain Bird 3000 Series 3.0 - 5000-S-PL-PC-SAM	45 psi	3.00 gpm	40 ft
•	Rain Bird 3000-MPR-25 - 5000-S-PL-PC-SAM	45 psi	3.82 gpm	25 ft
•	Rain Bird 3000-MPR-35 - 5000-S-PL-PC-SAM	45 psi	5.16 gpm	40 ft
•	Rain Bird HE-VAN-08-180 - 180G-SAM-PRS	30 psi	0.89 gpm	8 ft
•	Rain Bird HE-VAN-10-180 - 180G-SAM-PRS	30 psi	0.89 gpm	10 ft
•	Rain Bird HE-VAN-12-180 - 180G-SAM-PRS	30 psi	1.18 gpm	12 ft
•	Rain Bird HE-VAN-15-180 - 180G-SAM-PRS	30 psi	1.45 gpm	15 ft
Control Valves				
•	Rain Bird 100-PEB			
•	Rain Bird 100-PEB			
•	Rain Bird 200-PEB			
•	Rain Bird XCC-100-PRB-COM			
Irrigation Accessories				
•	2.5" isolation valve			
•	Long-Duty TWICE-EXP board			
Lateral Line Pipe				
•	Class 200 - Sized as shown			
Mainline Pipe				
•	Class 200 - Sized as shown			
Sleeving				
•	Schedule 40 3"			
•	Schedule 40 4"			
Drp. Tubing				
•	Rain Bird XFD-09-12			

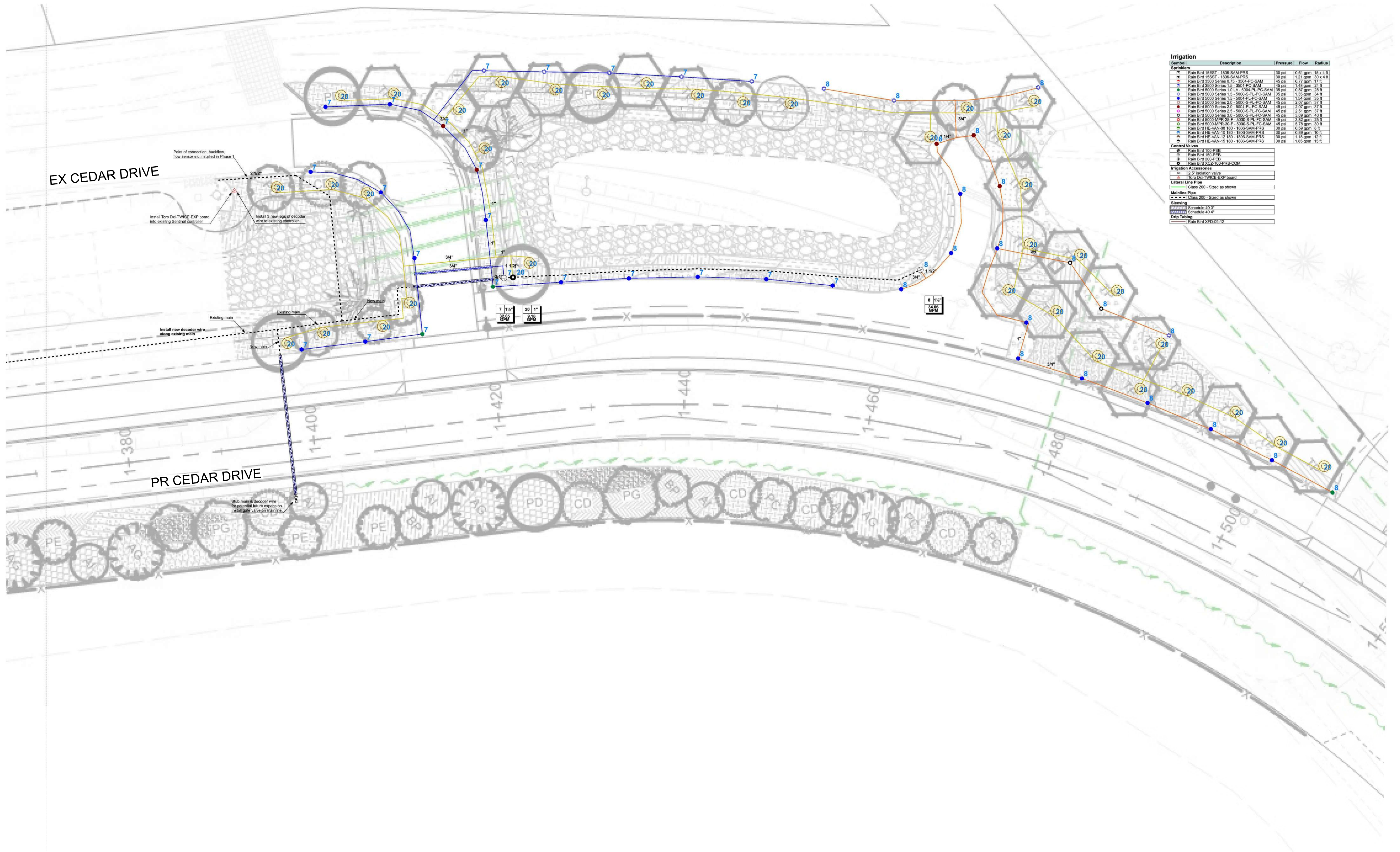




PLOT DATE: December 12, 2025				
REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPR'D
A	ISSUED FOR TENDER	2025/12/16	GA	CJB

SCALE	1:200	CREATION DATE	2023/07/06	DWG. NO. 40 OF 48
DRAWN BY	KE	DESIGN BY	KE	
CHECKED BY	CJB	APPROVED BY	CJB	
				REV. A

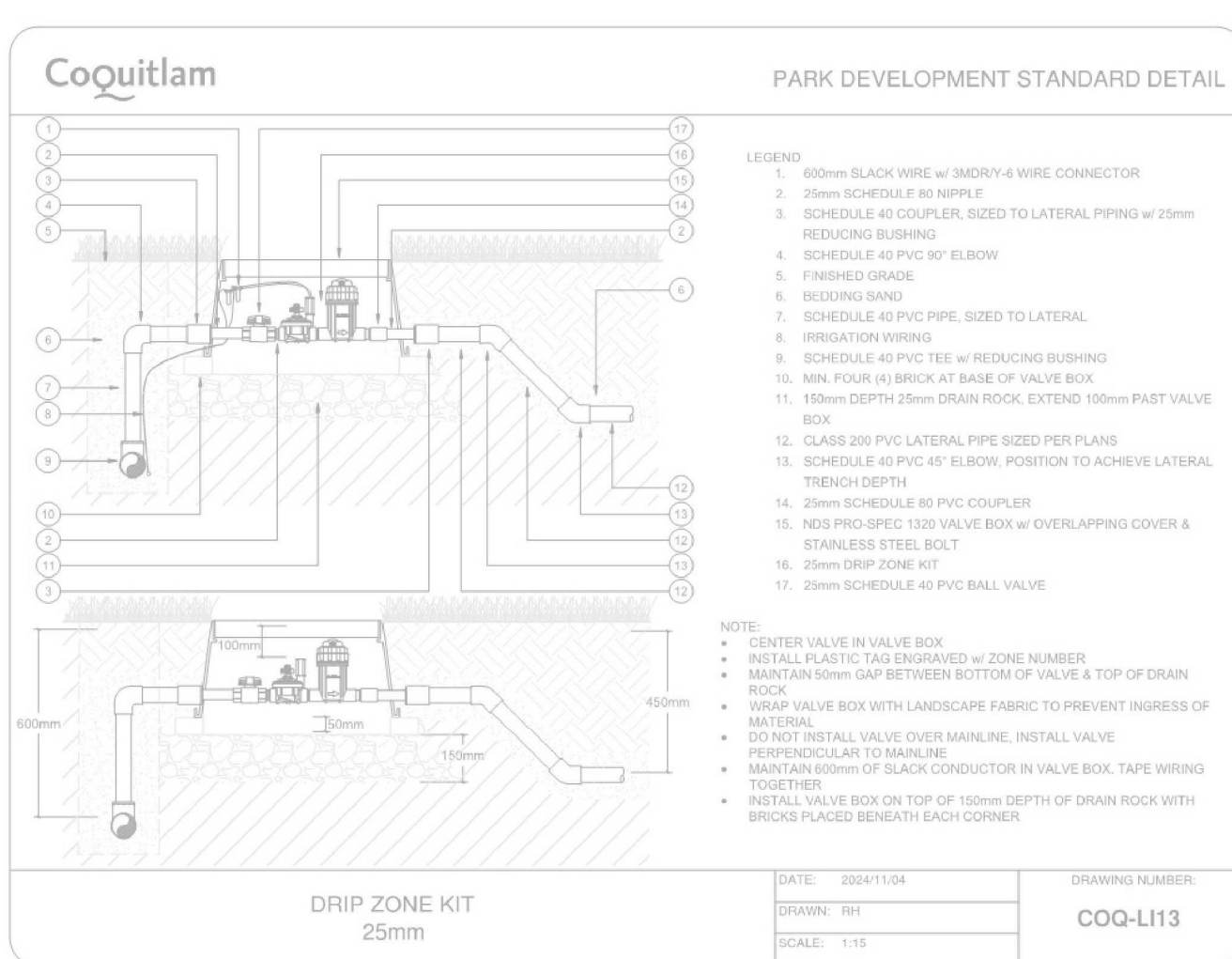
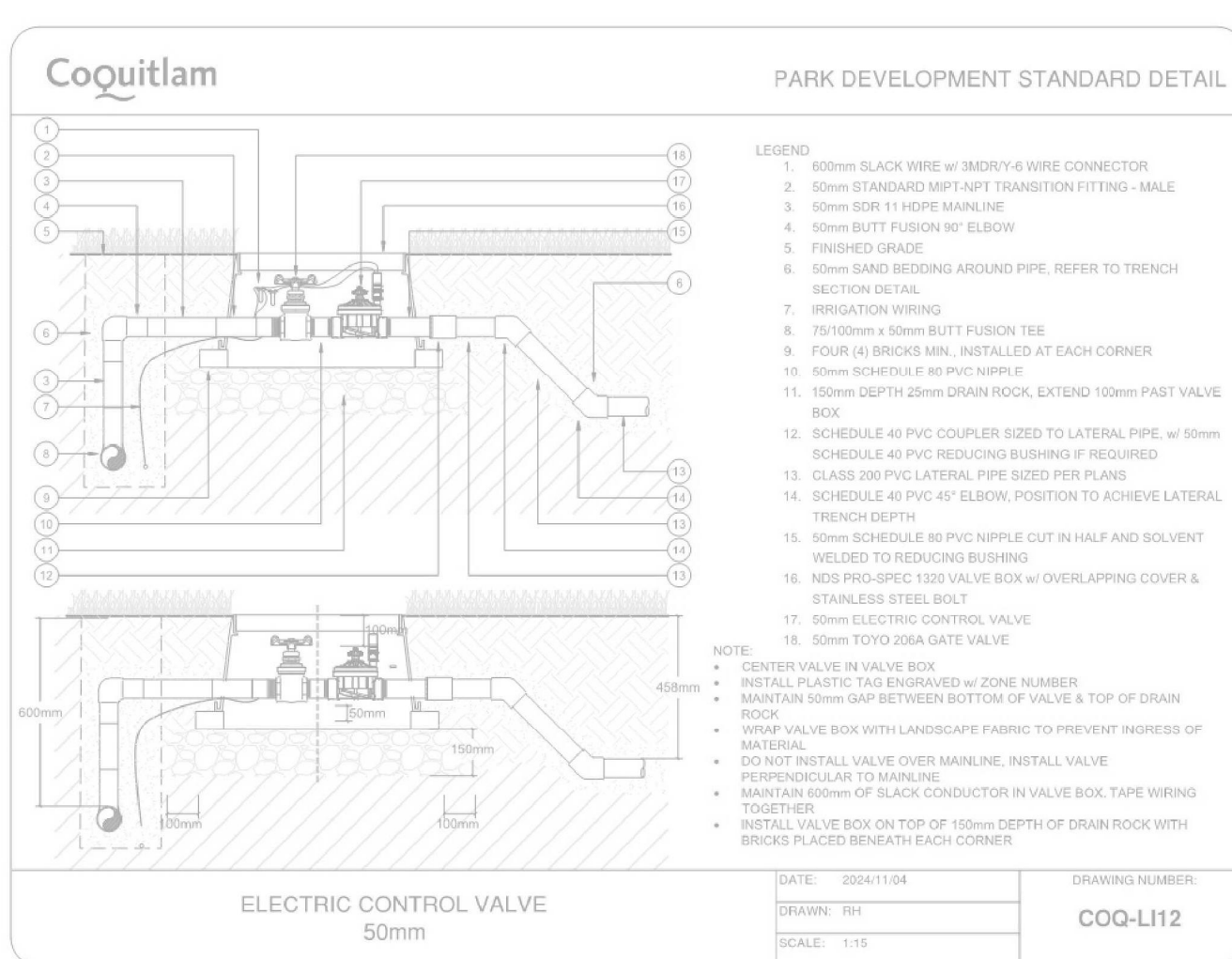
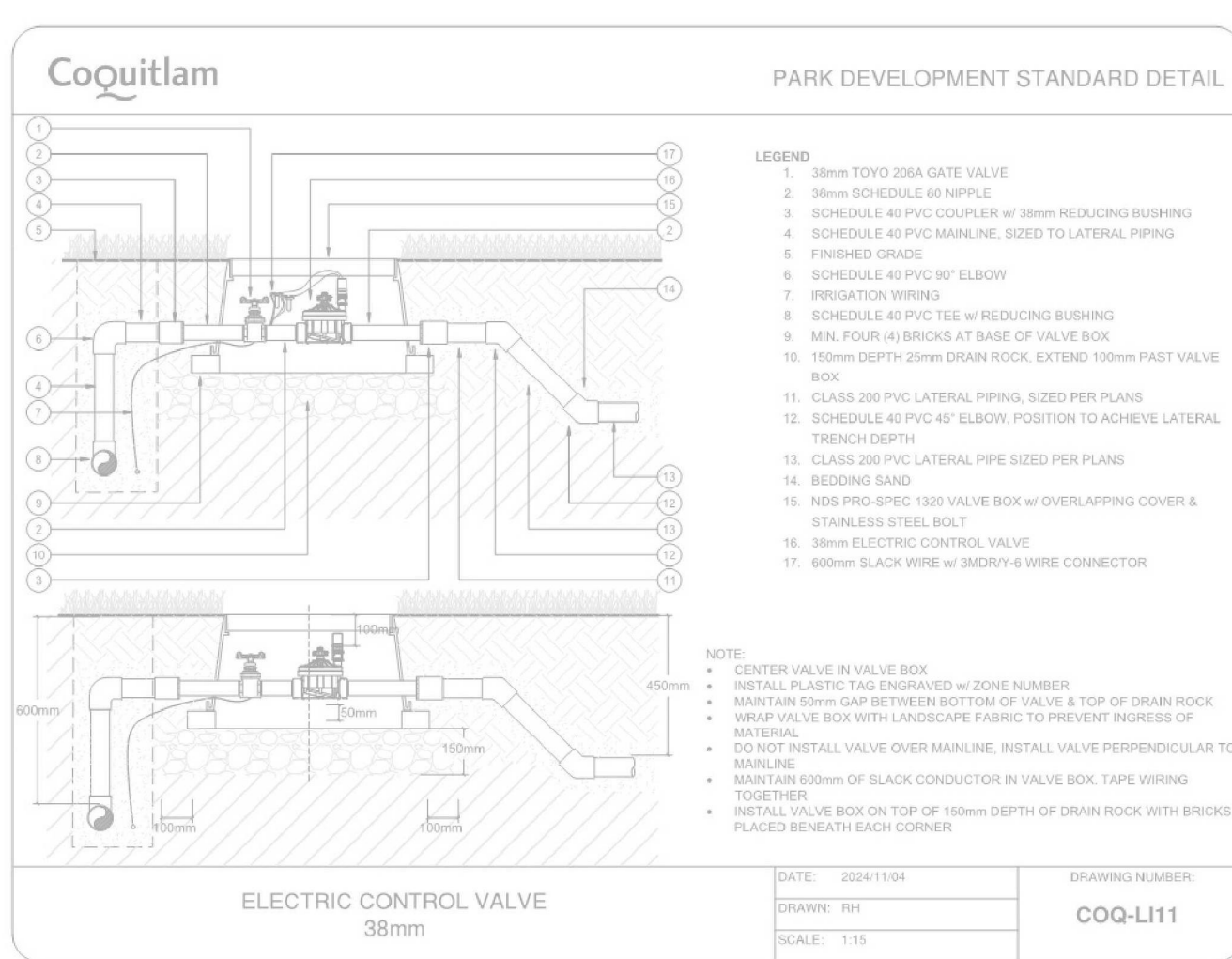
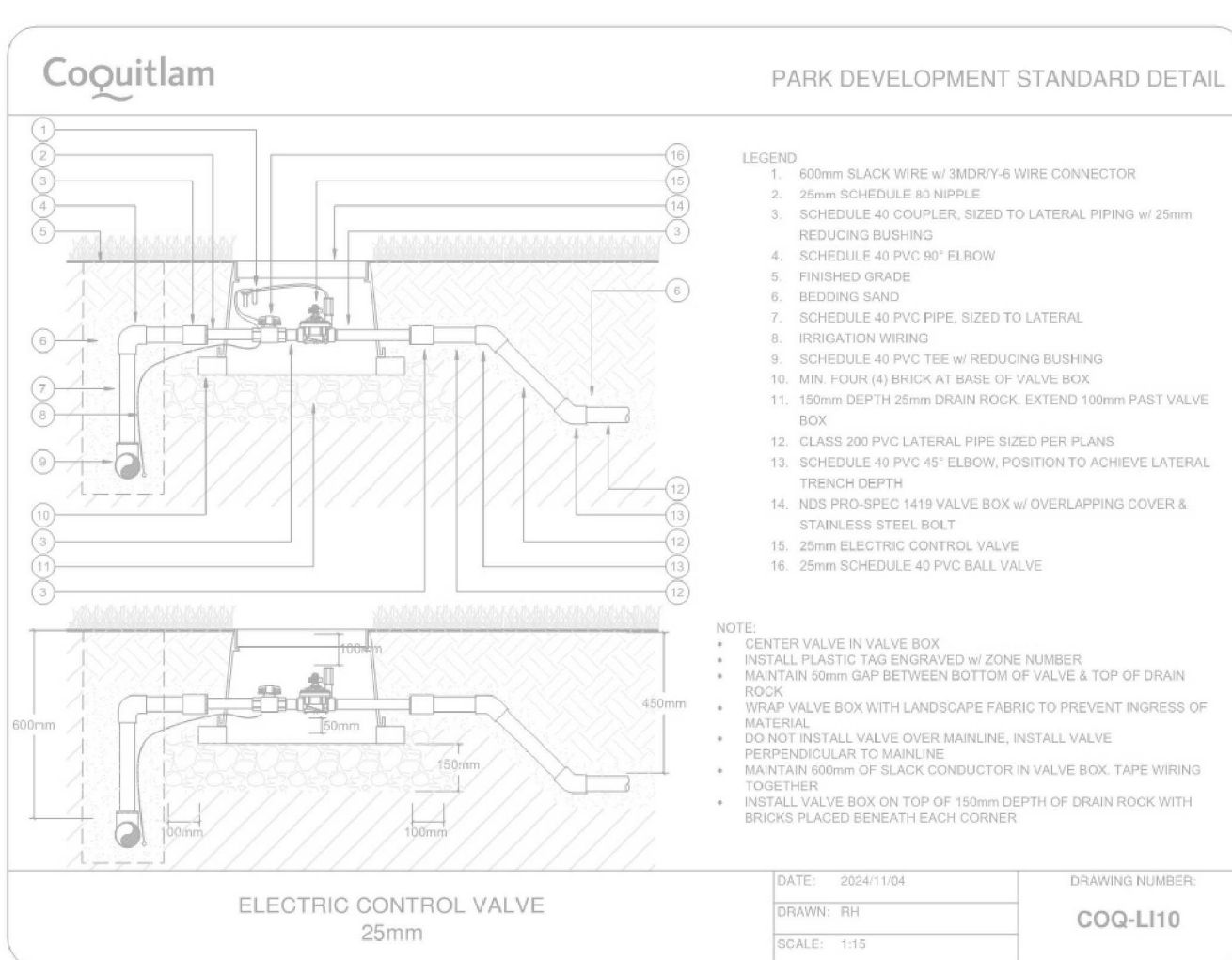
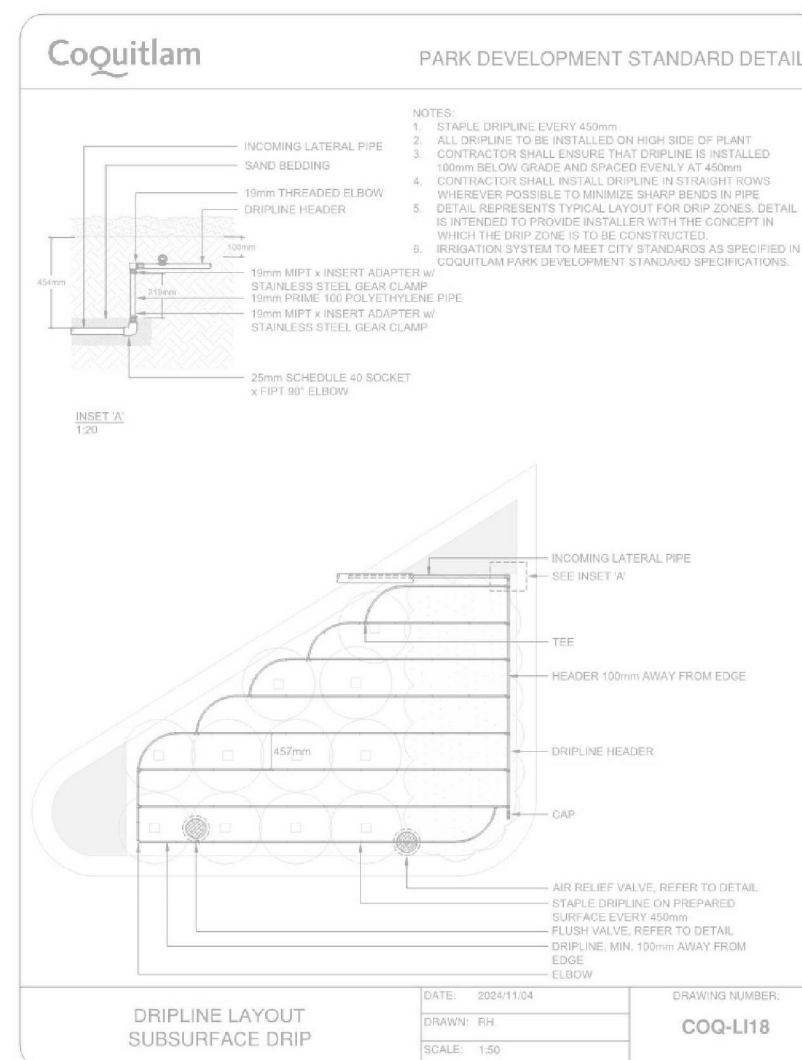
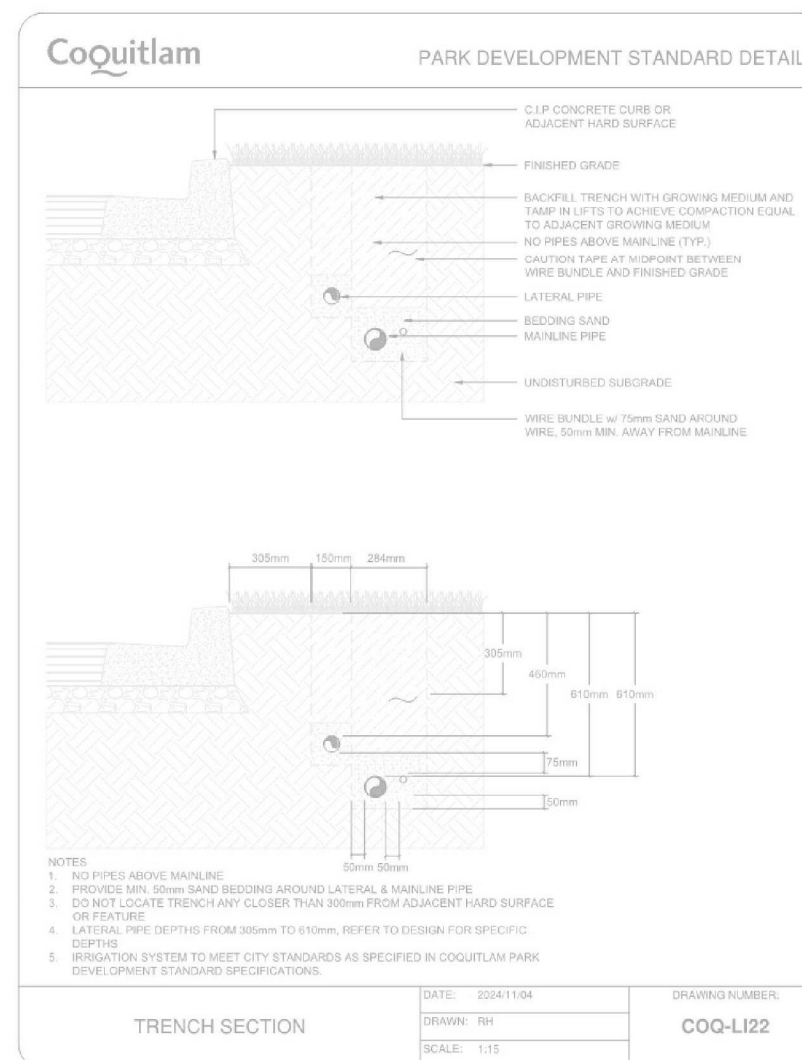
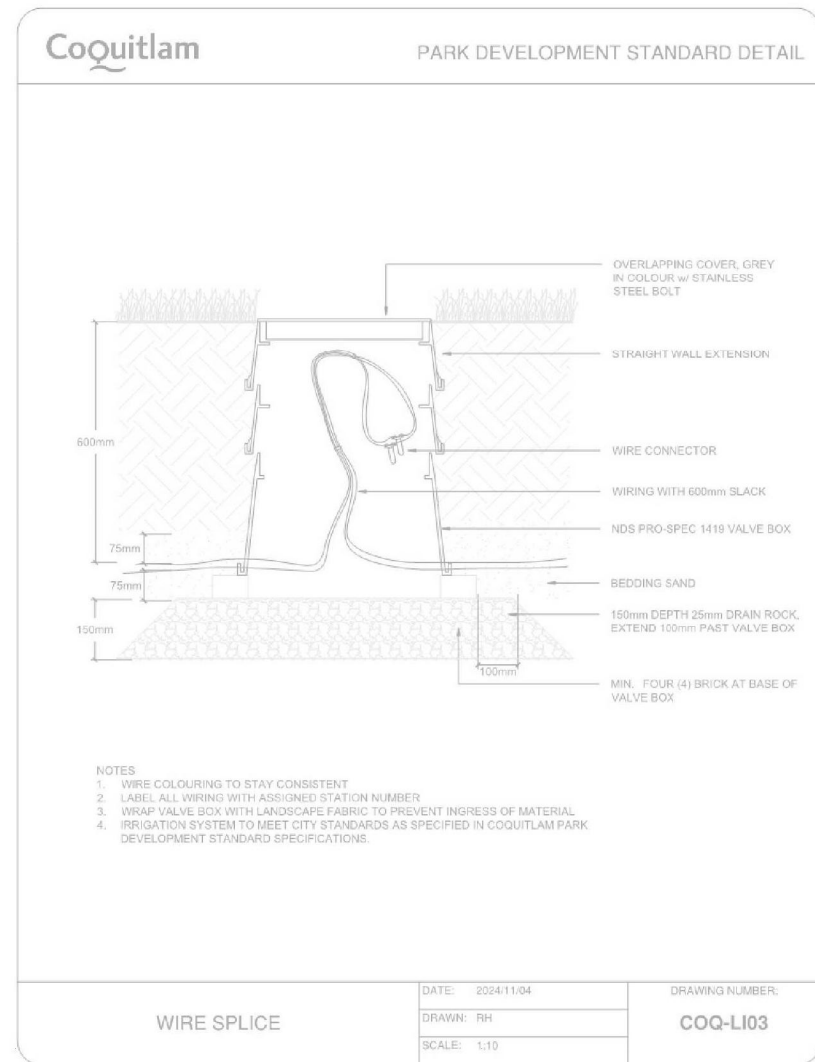
33527

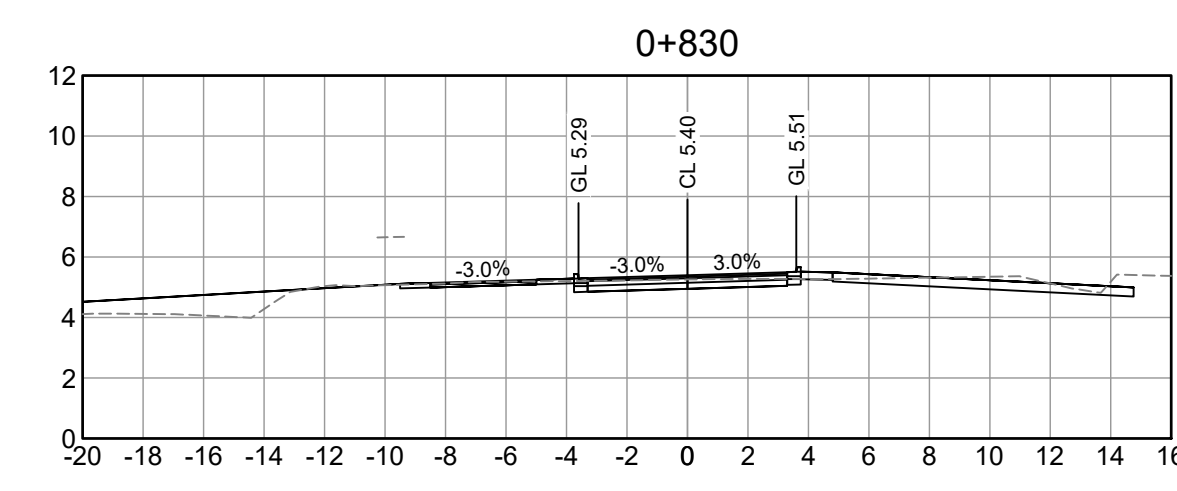
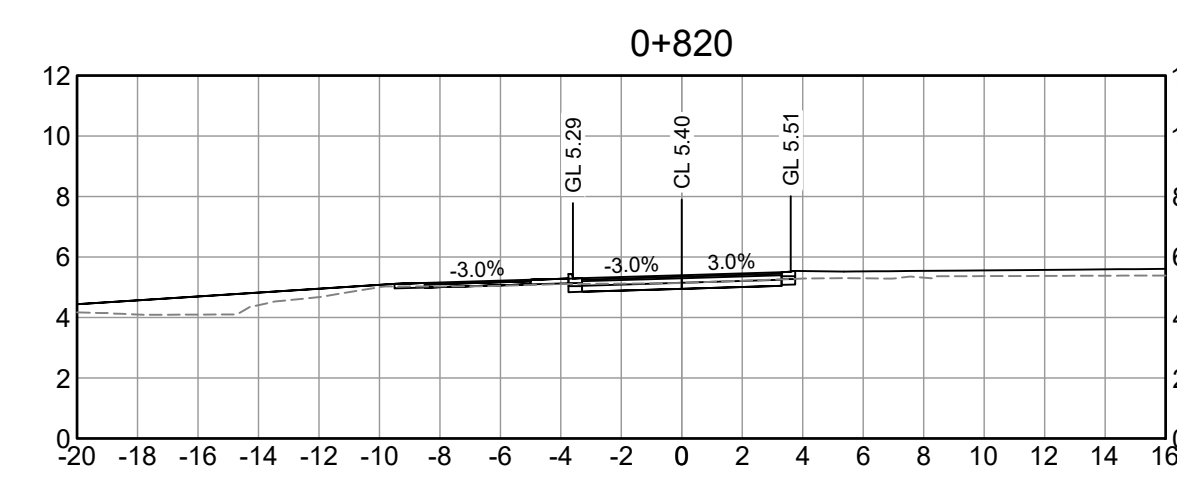
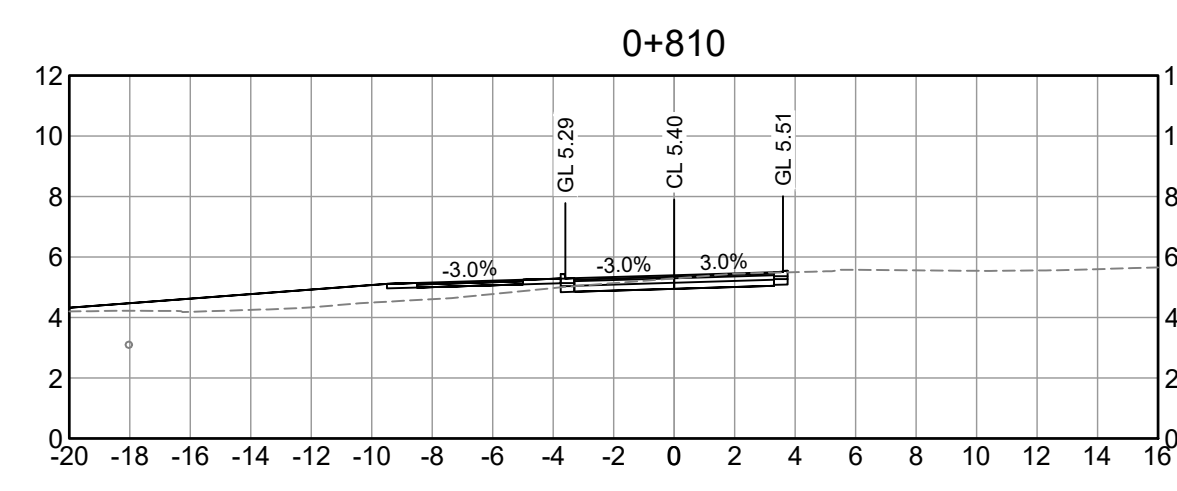
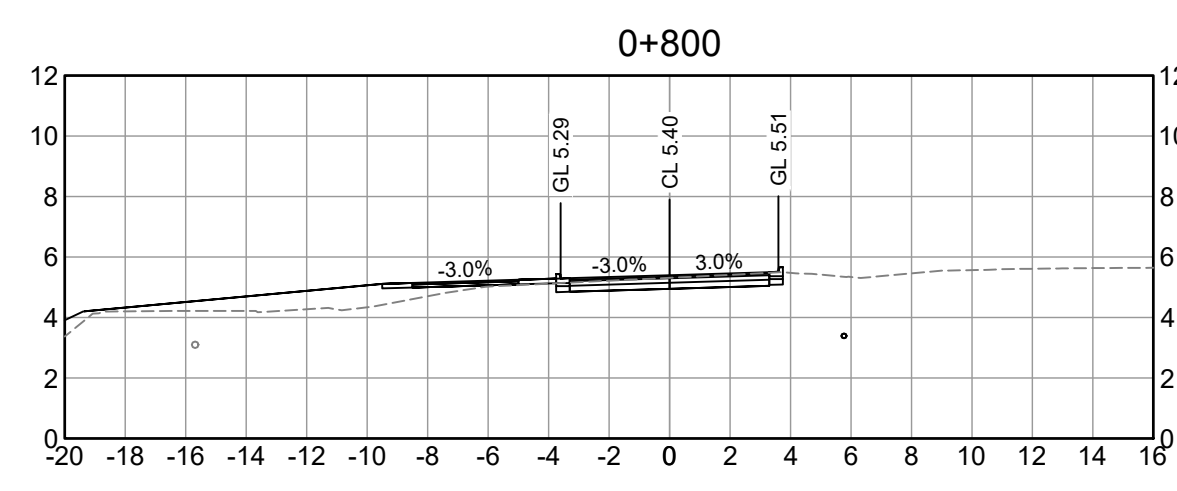
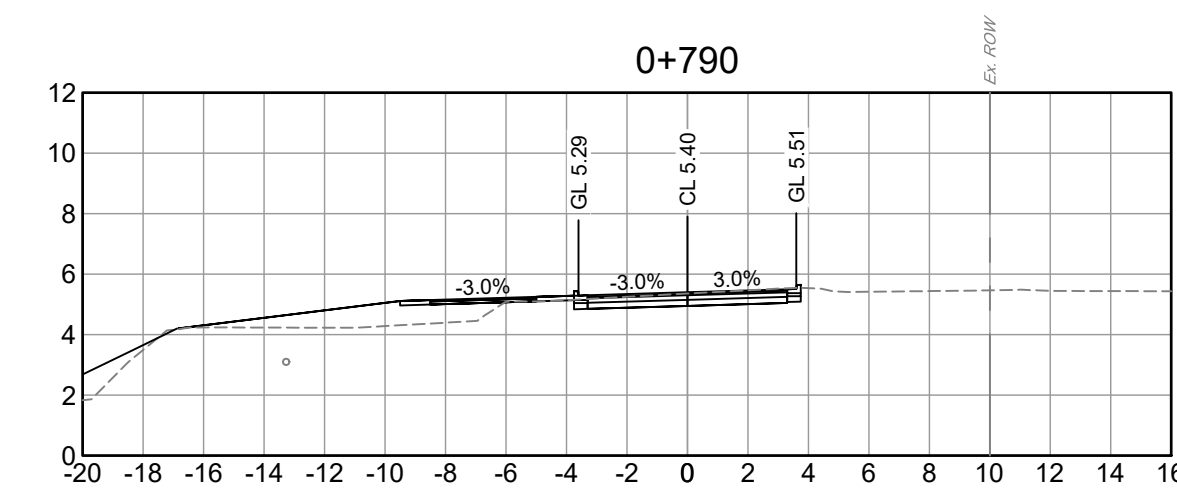
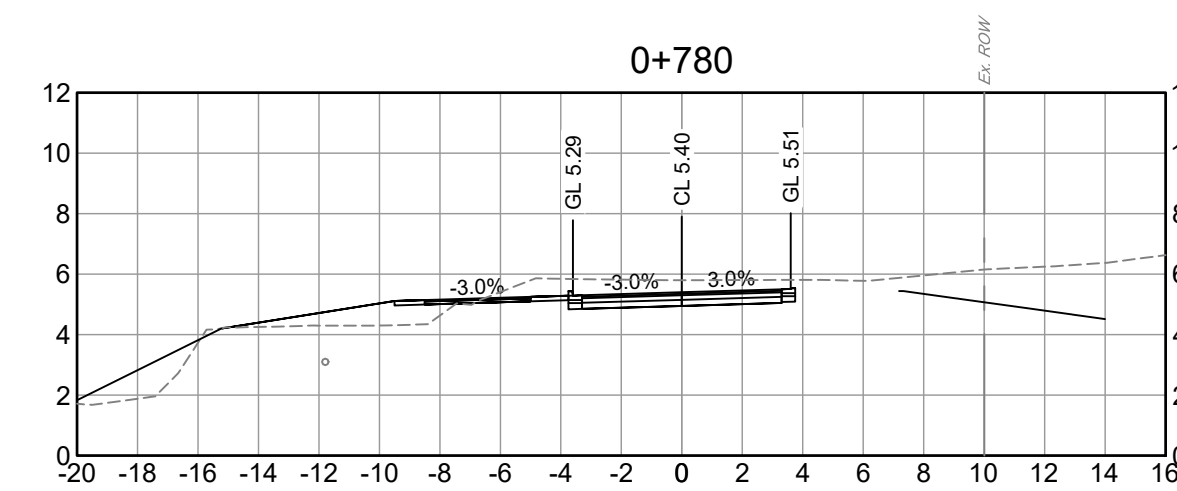
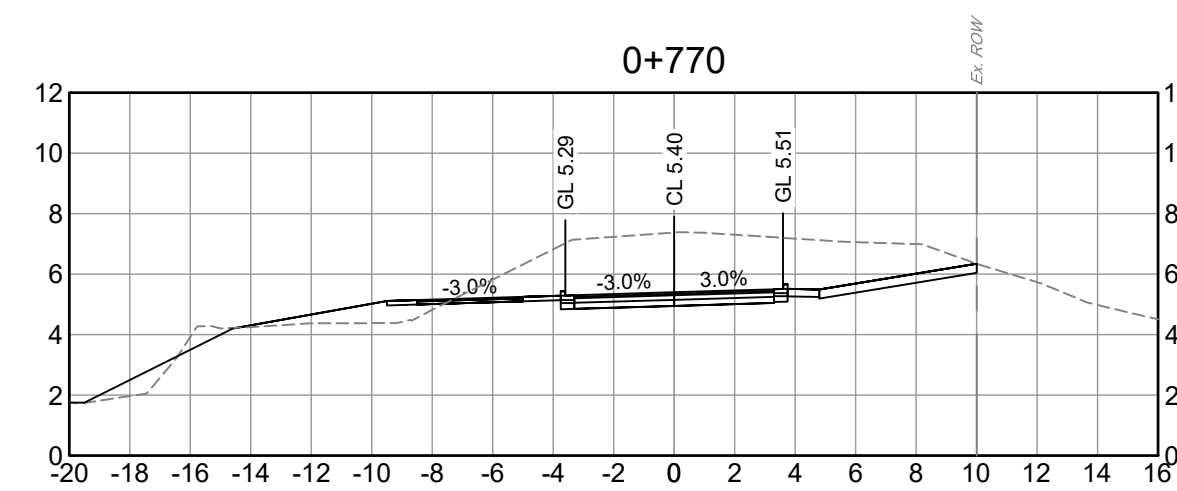
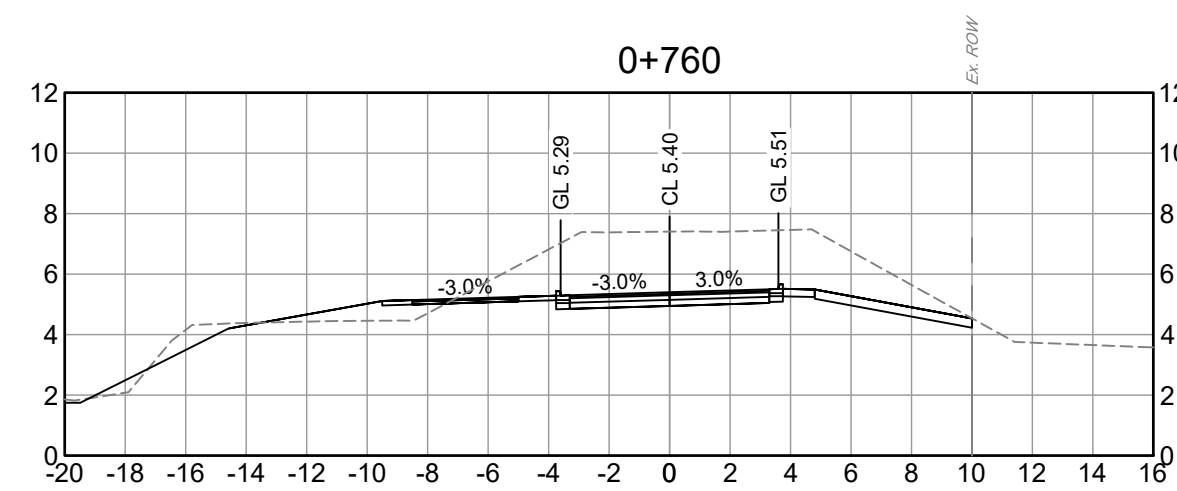
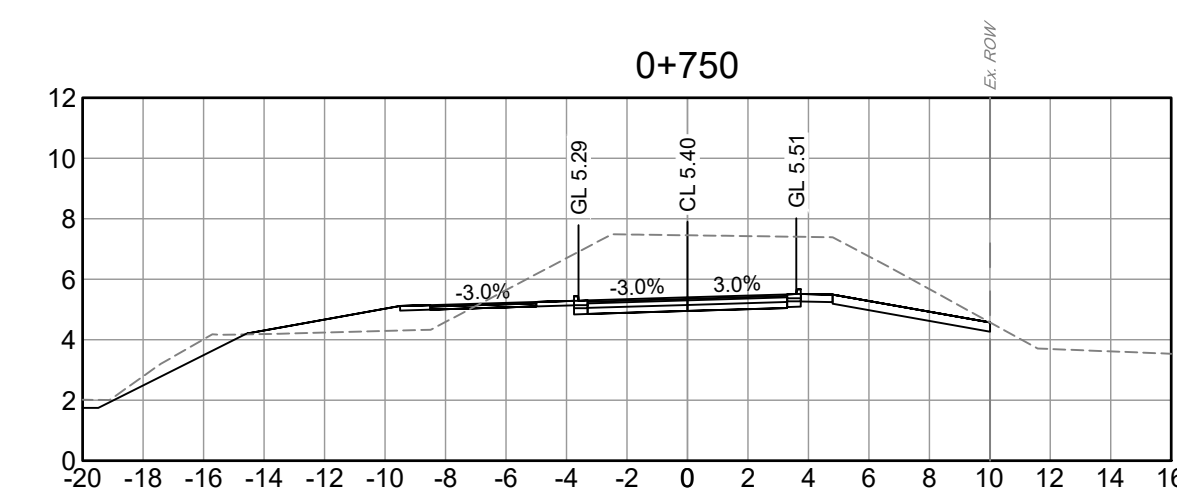
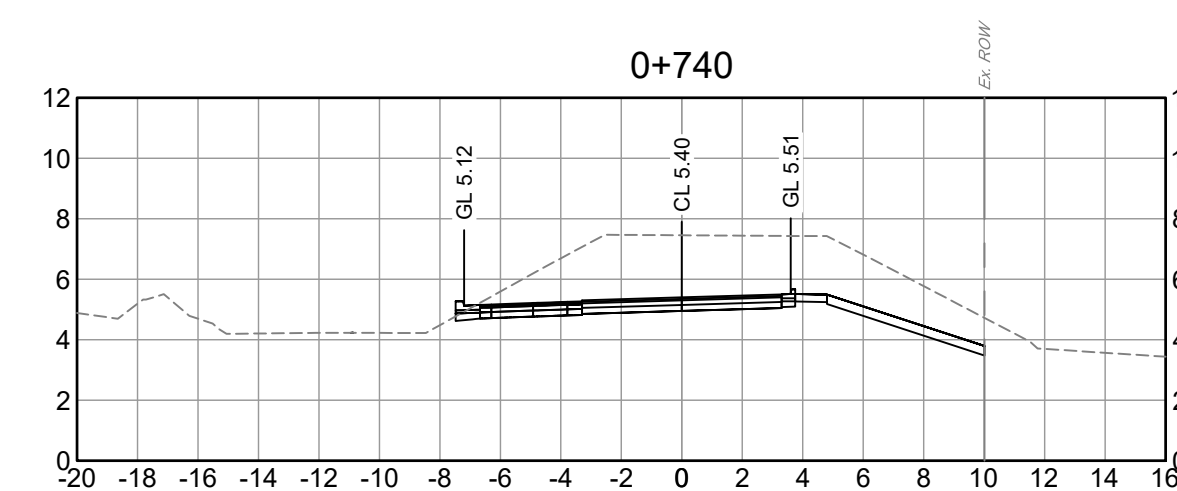
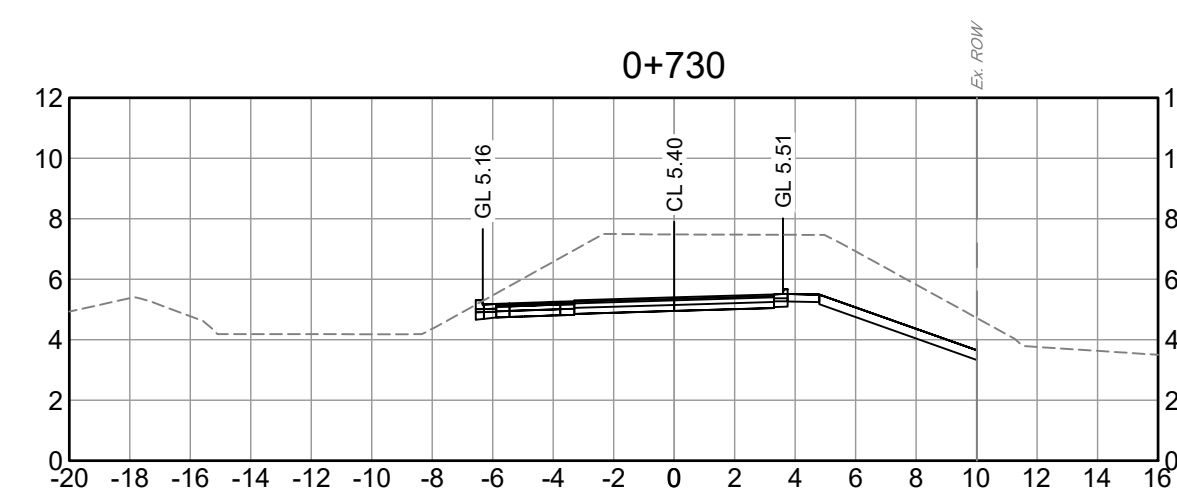
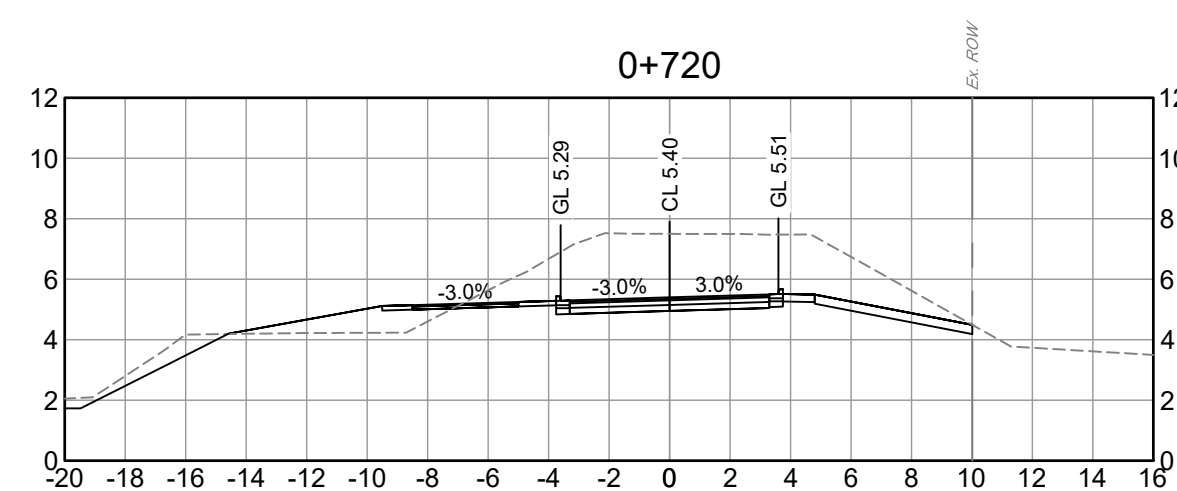
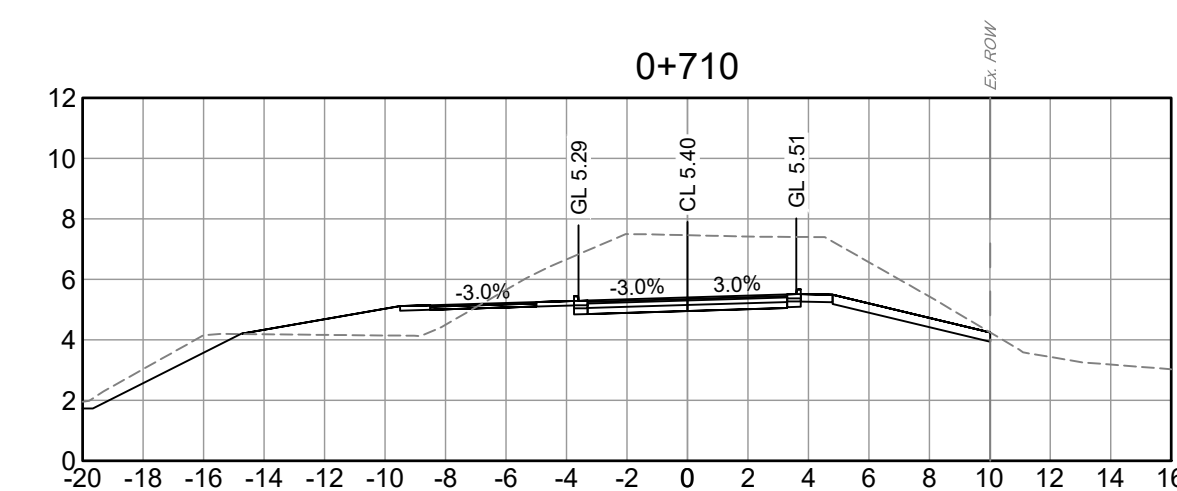
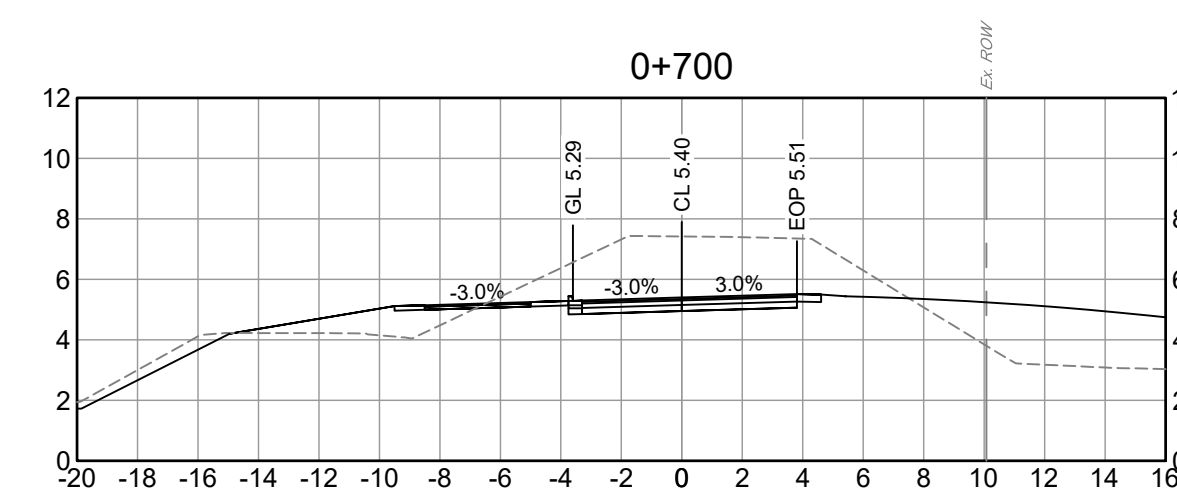
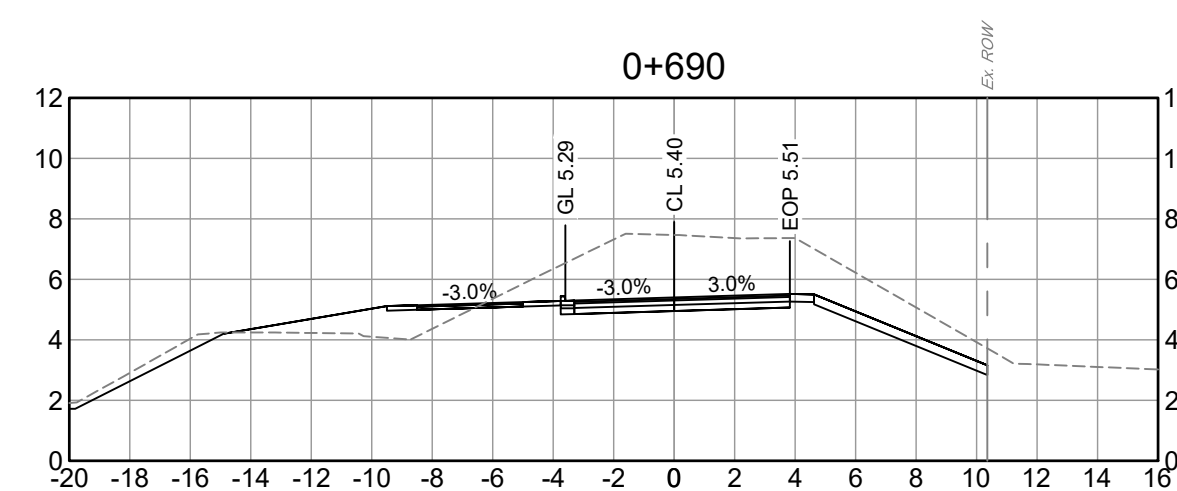
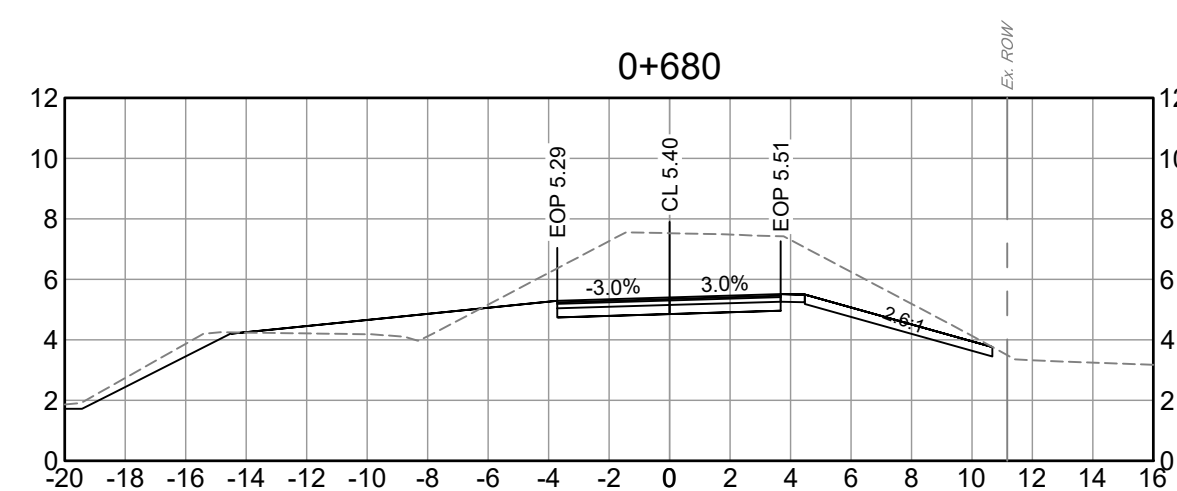
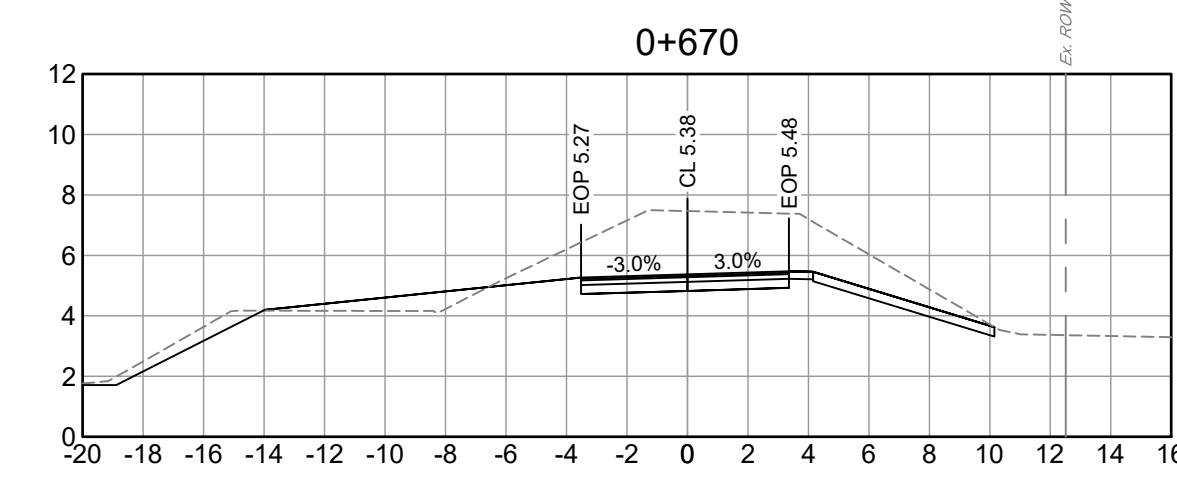
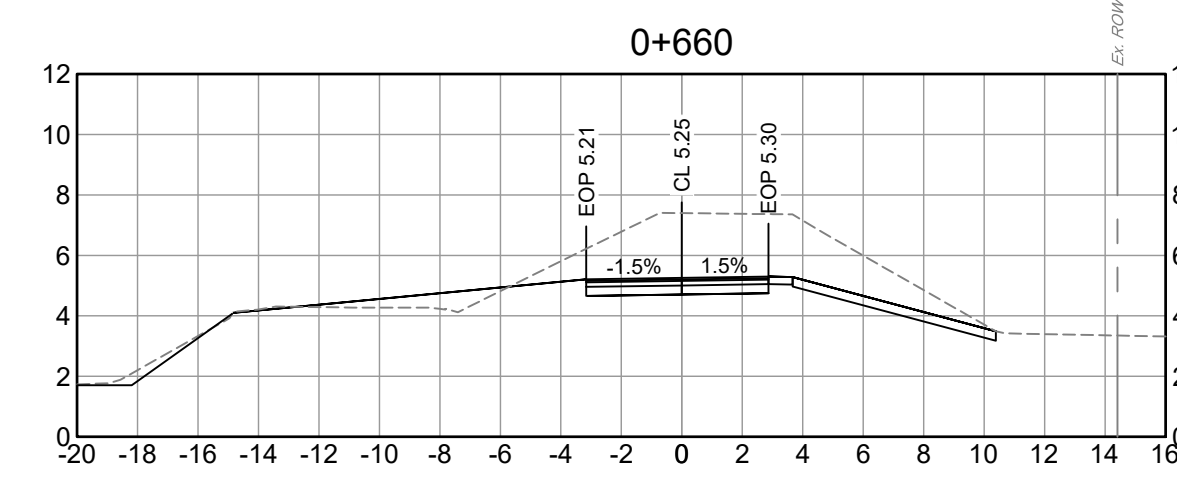
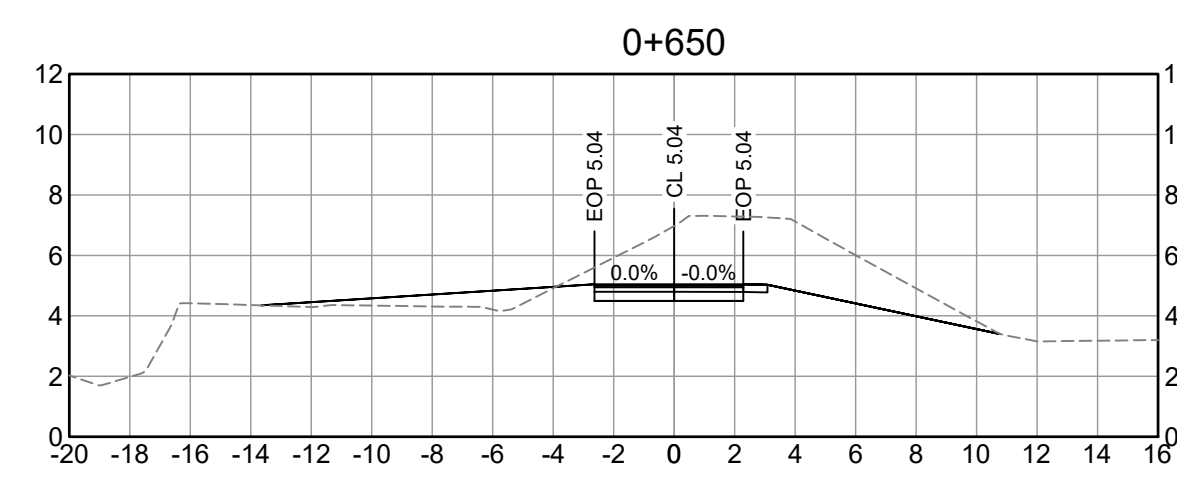
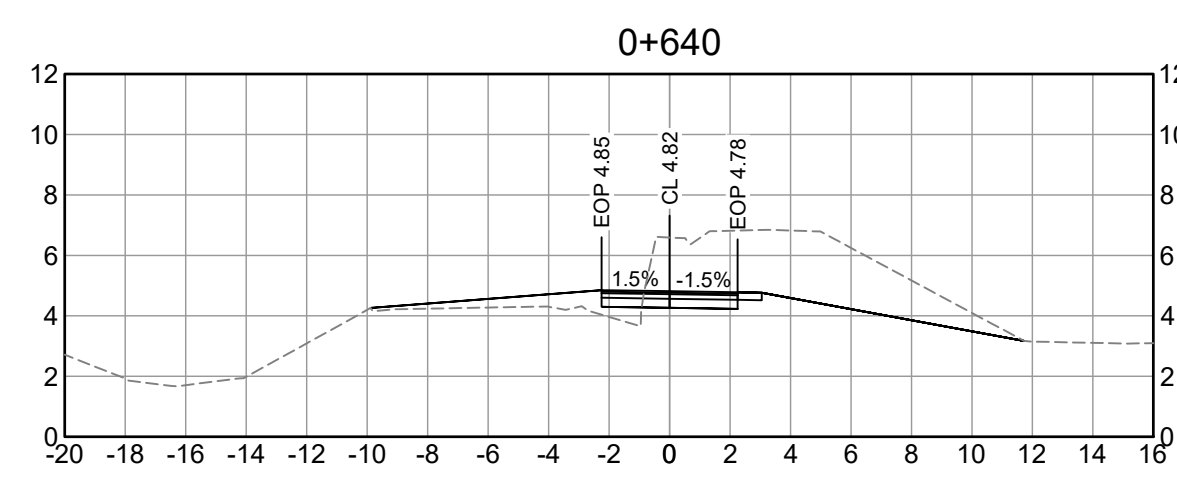
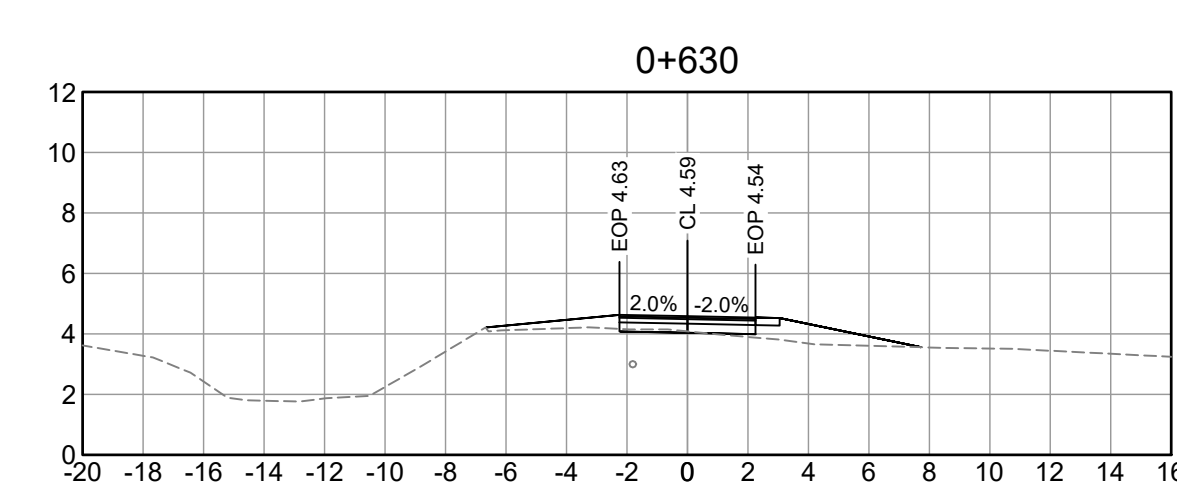
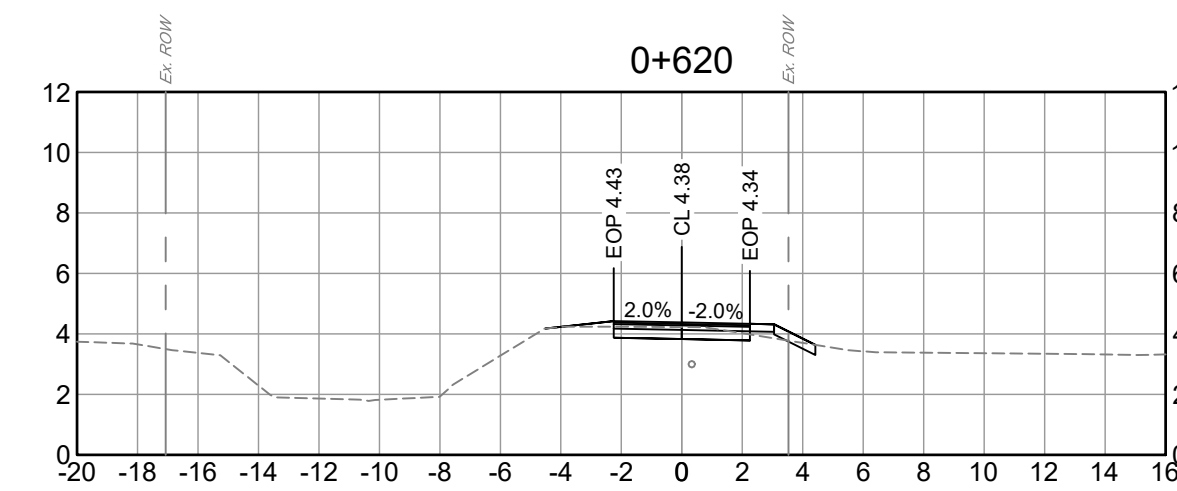
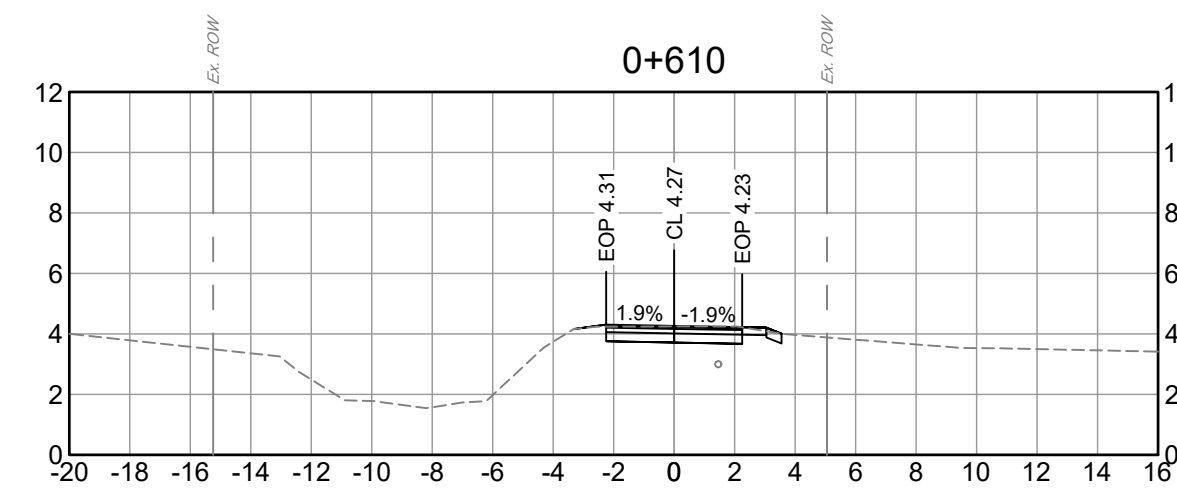
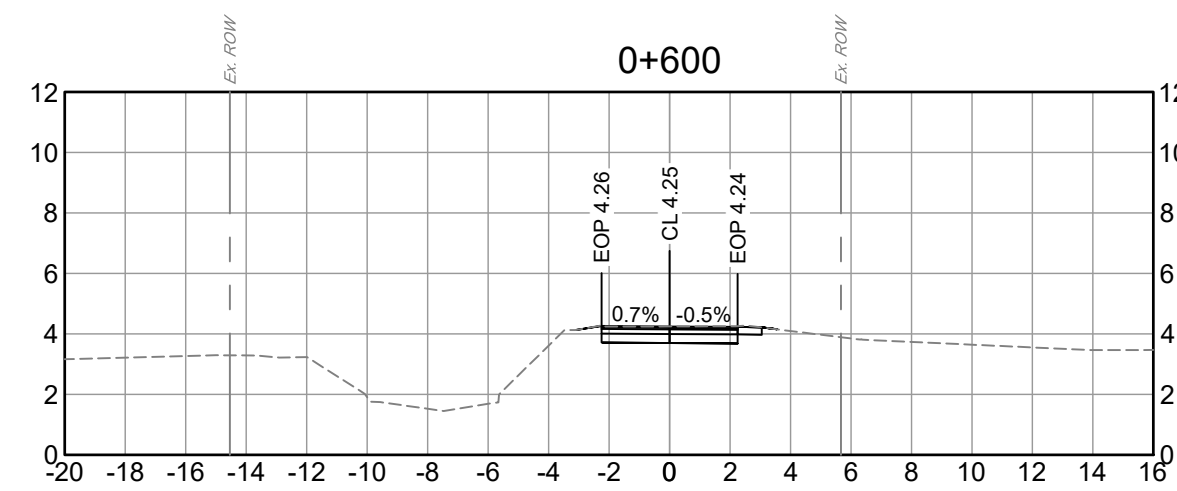


REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPR'D
A	ISSUED FOR TENDER	2025/12/16	GA	CJB

SCALE	1:200	CREATION DATE	2023/07/06
DRAWN BY	KE	DESIGN BY	KE
CHECKED BY	CJB	APPROVED BY	CJB

DWG. NO.
41
OF
48
REV. A





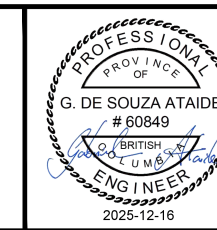
PLOT DATE: May 7, 2025

REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPR'D
A	ISSUED FOR TENDER	2025/12/16	GA	CJB



CROSS SECTIONS

STA 0+600 TO 0+830
CEDAR DRIVE UPGRADES - PHASE 2



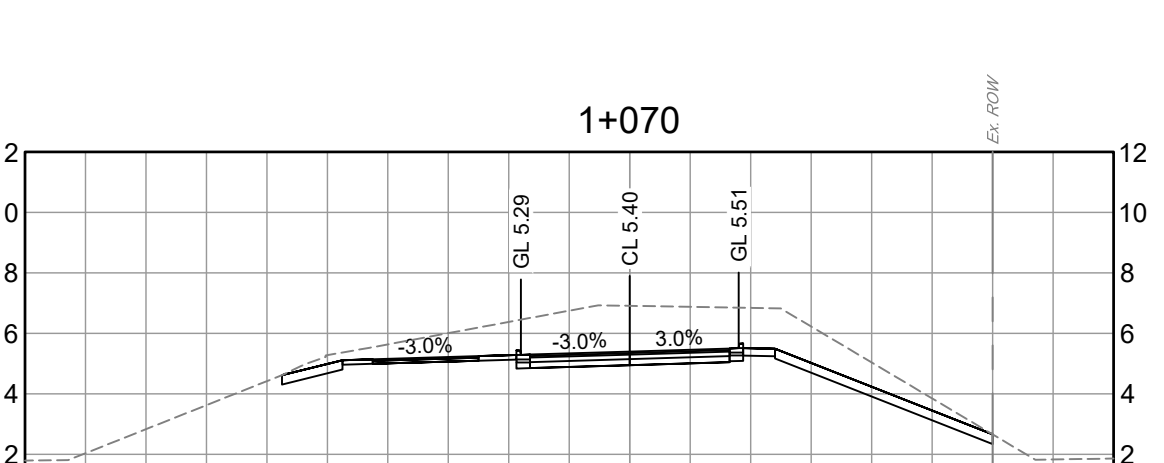
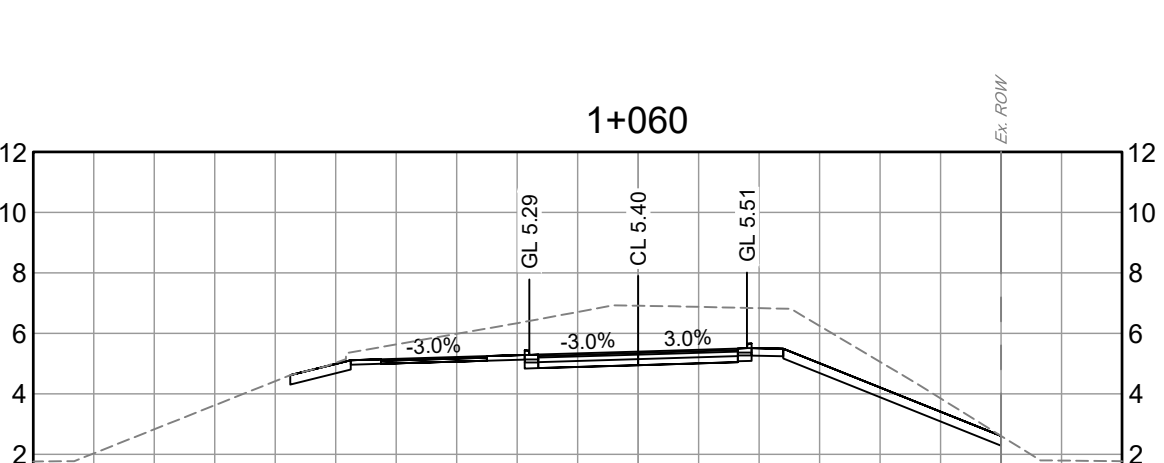
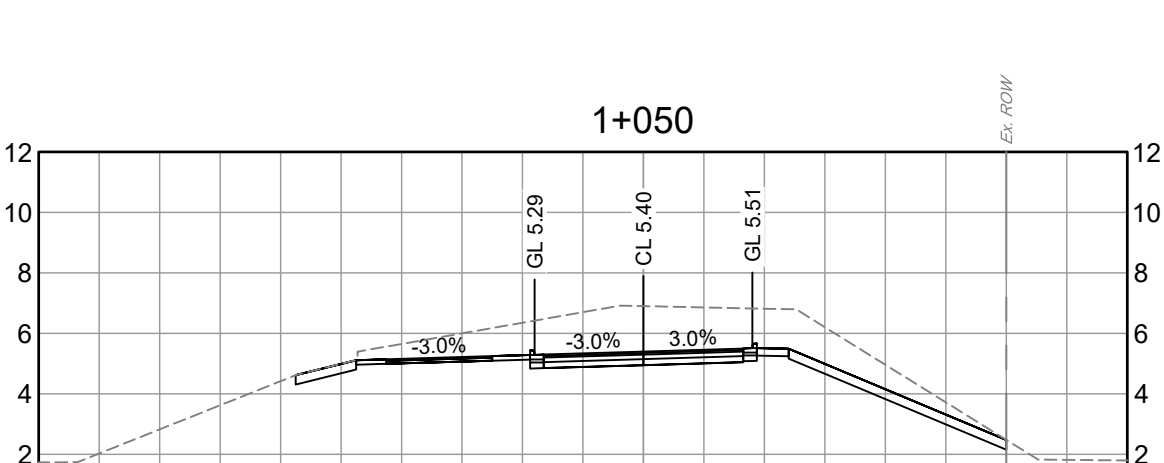
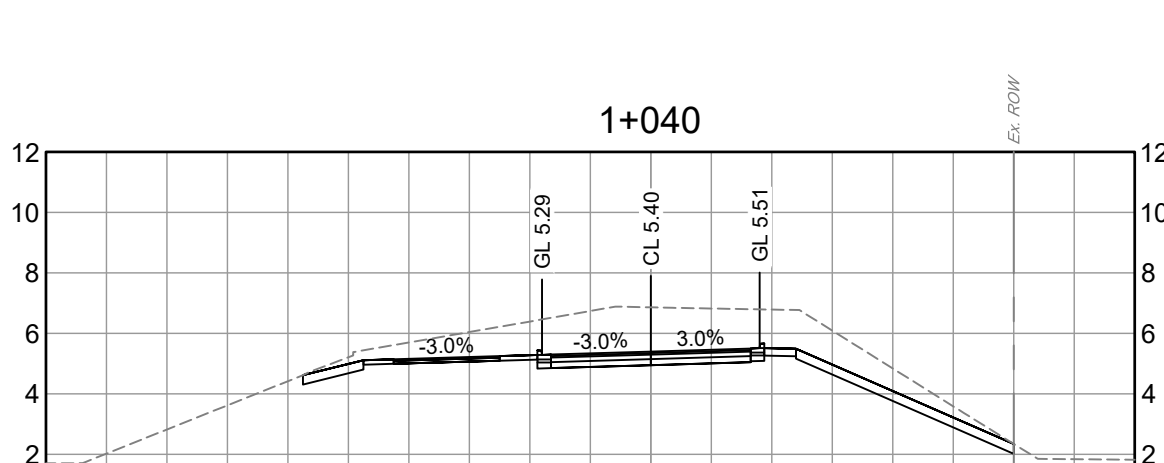
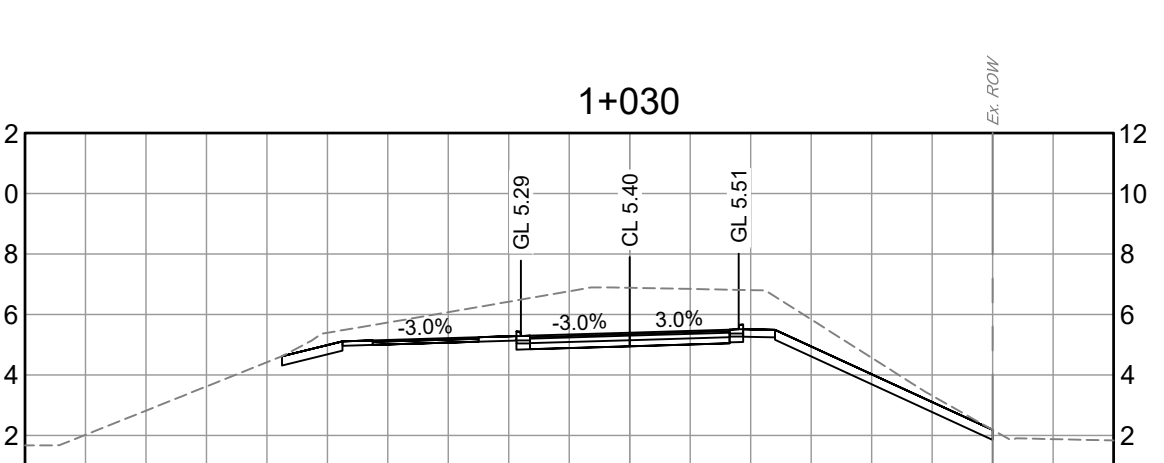
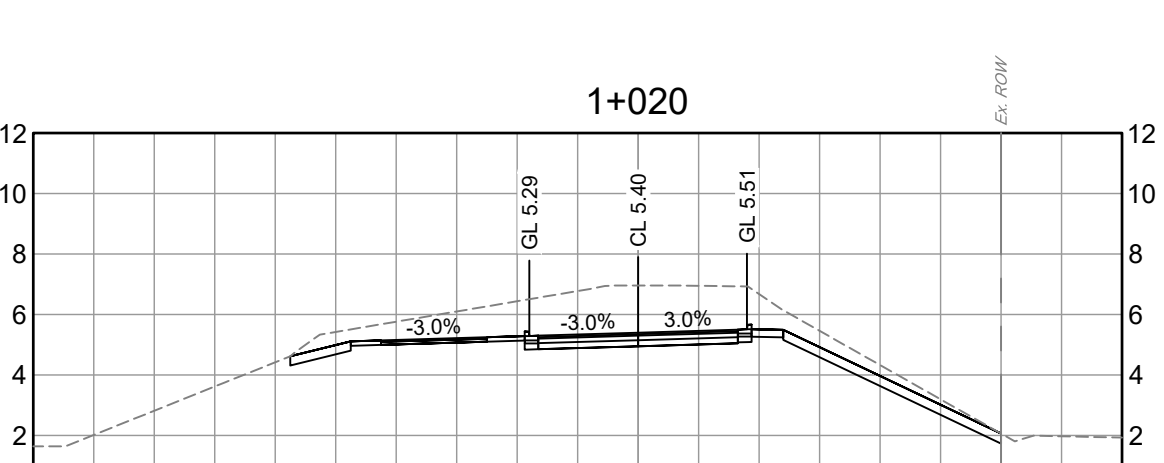
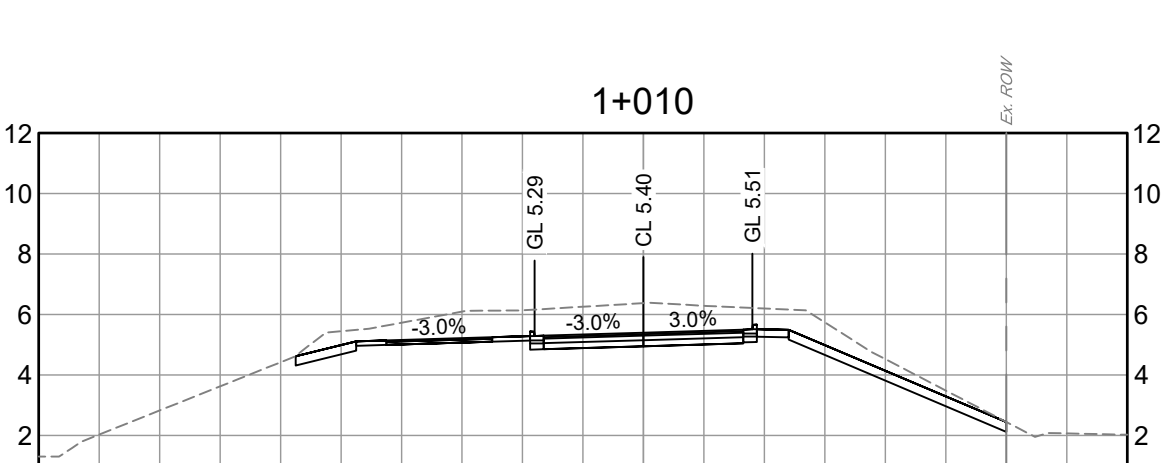
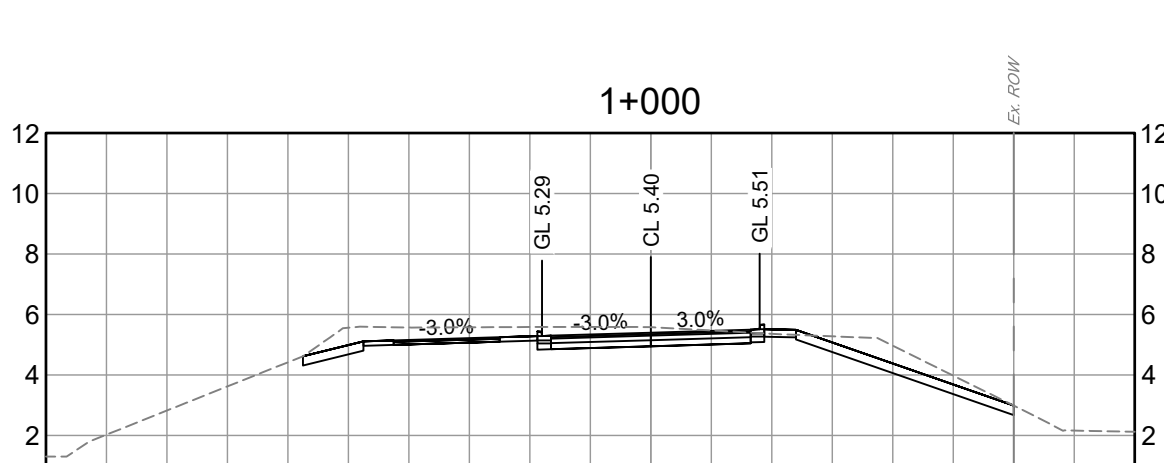
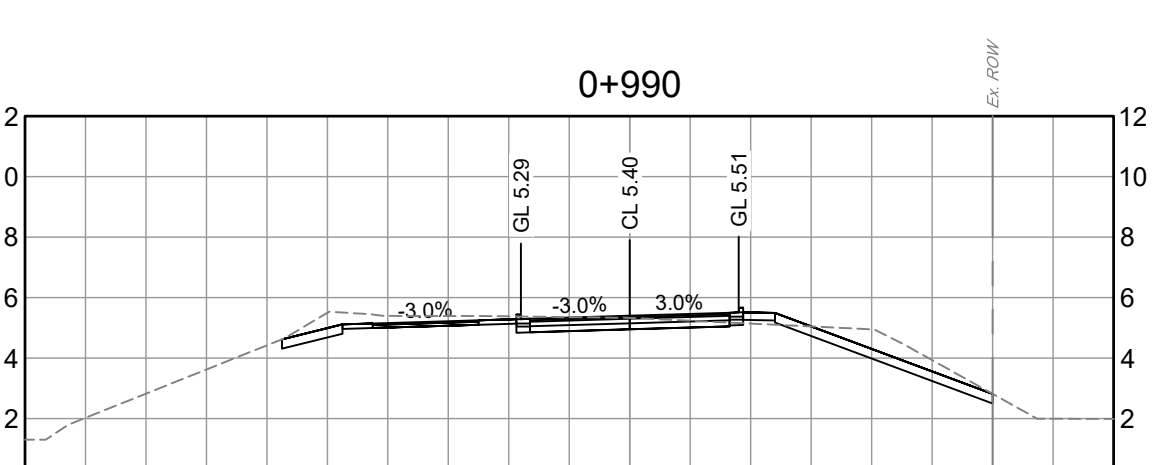
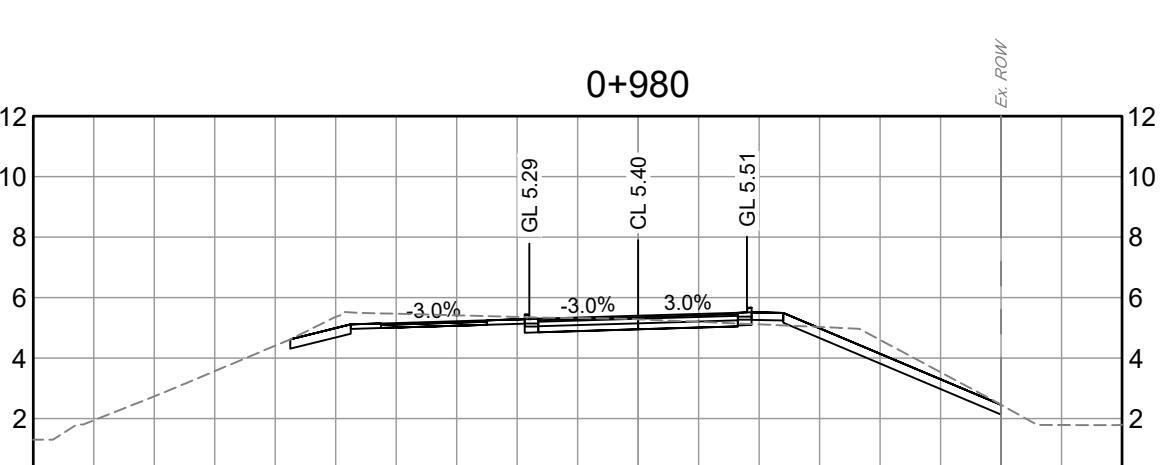
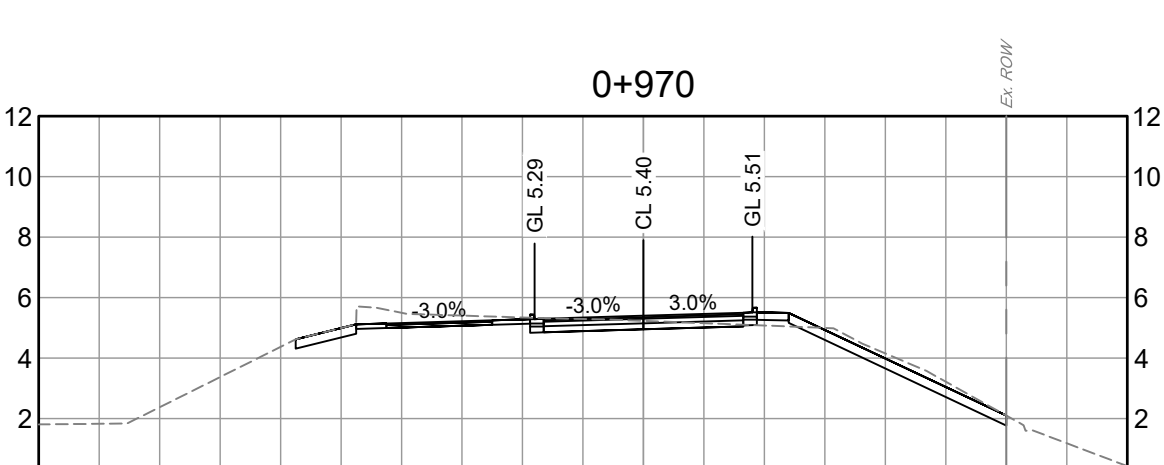
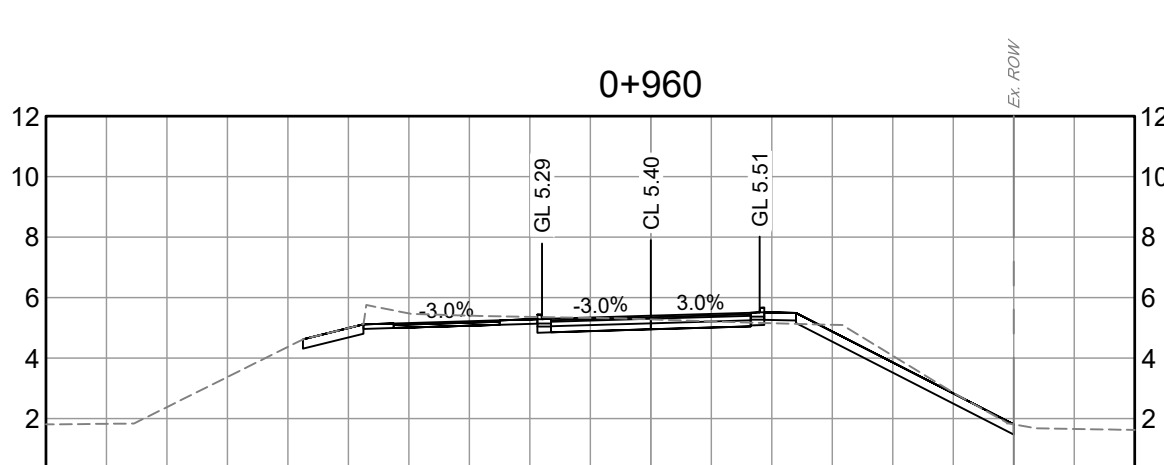
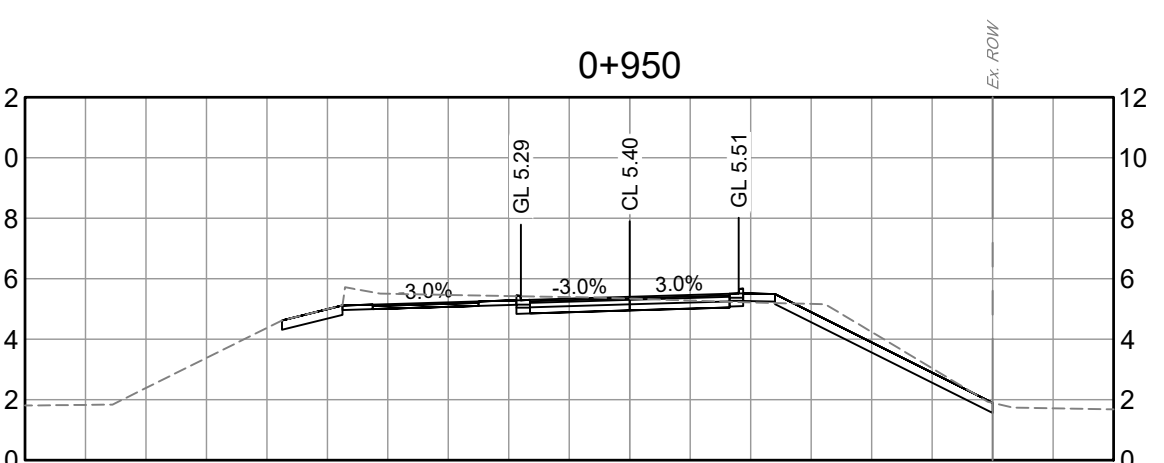
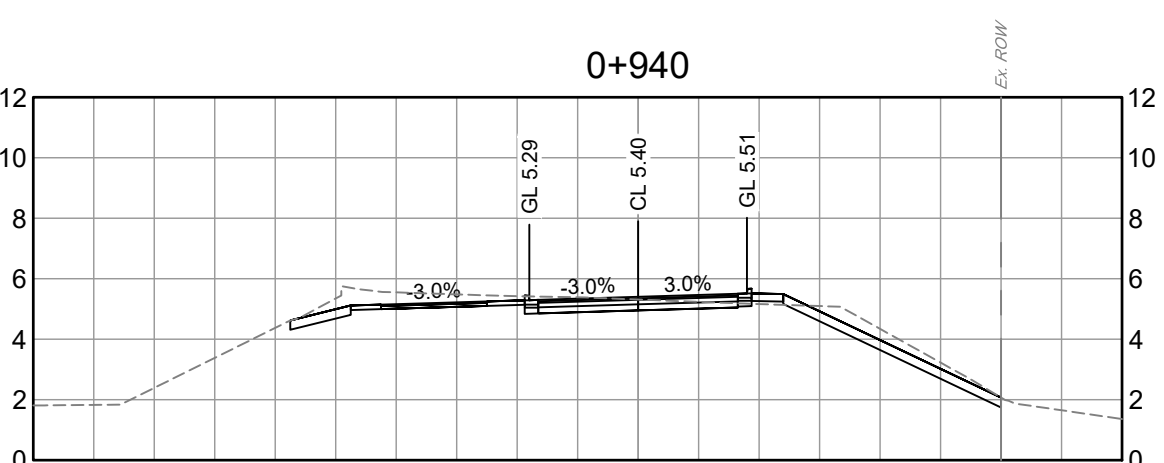
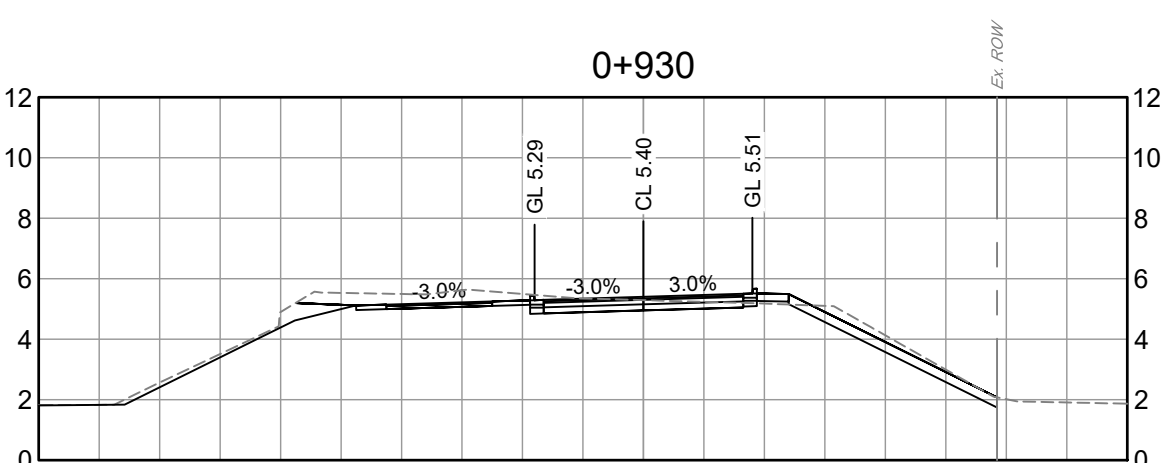
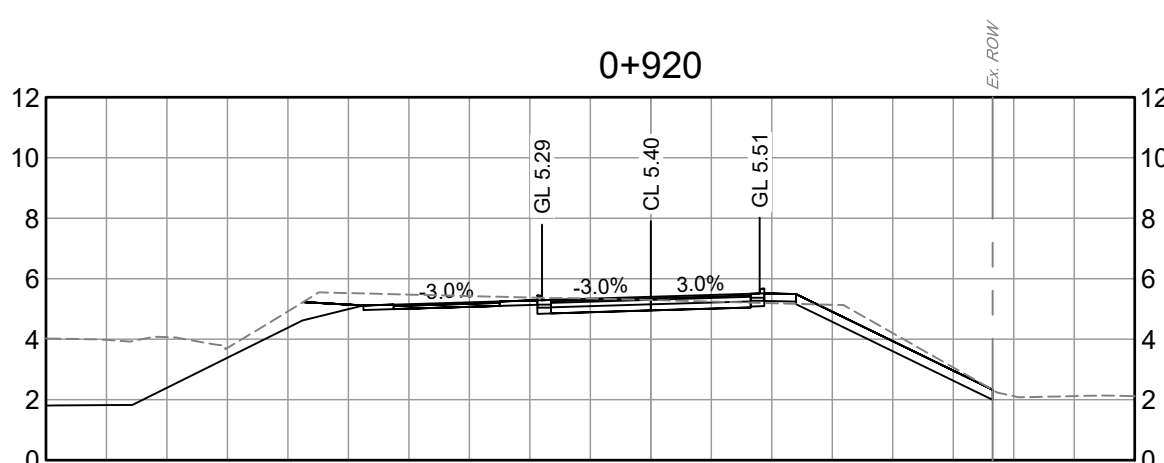
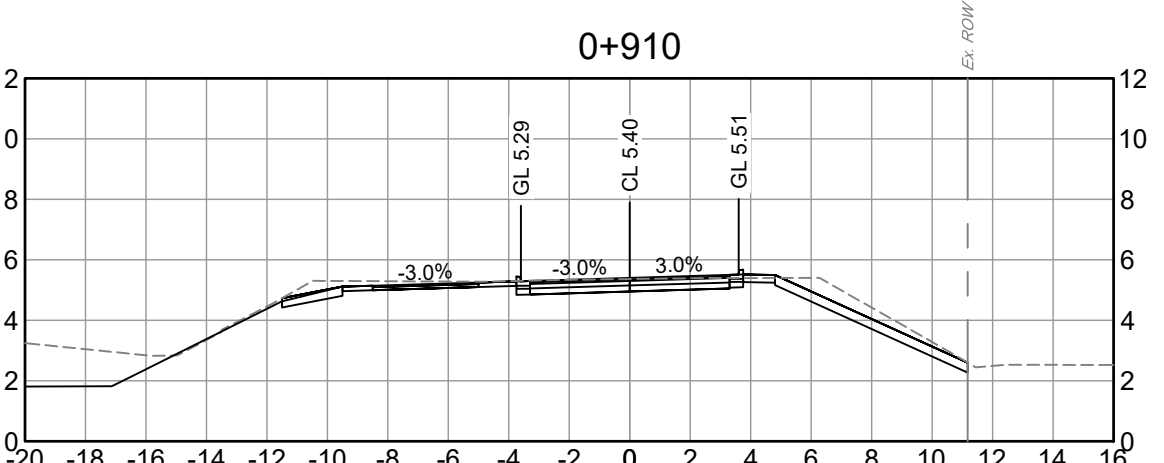
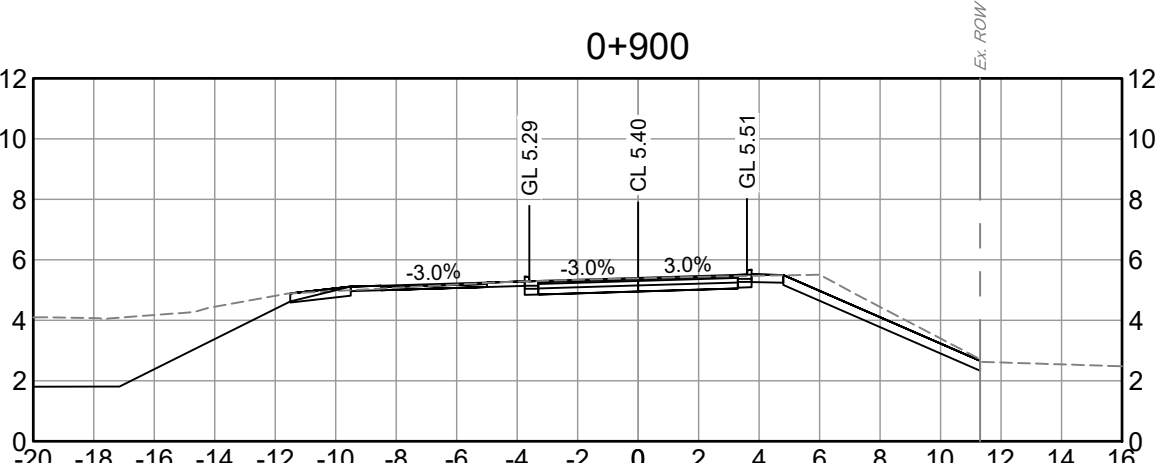
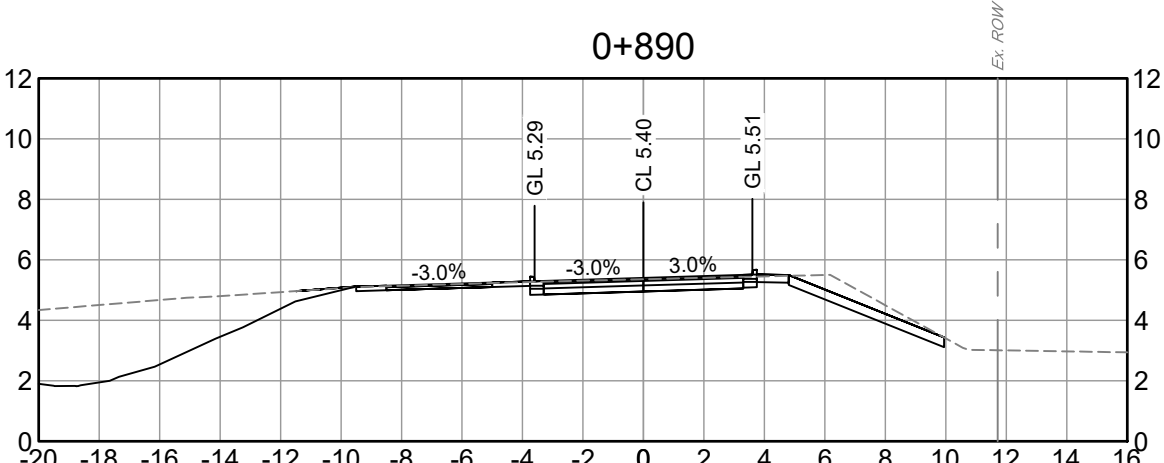
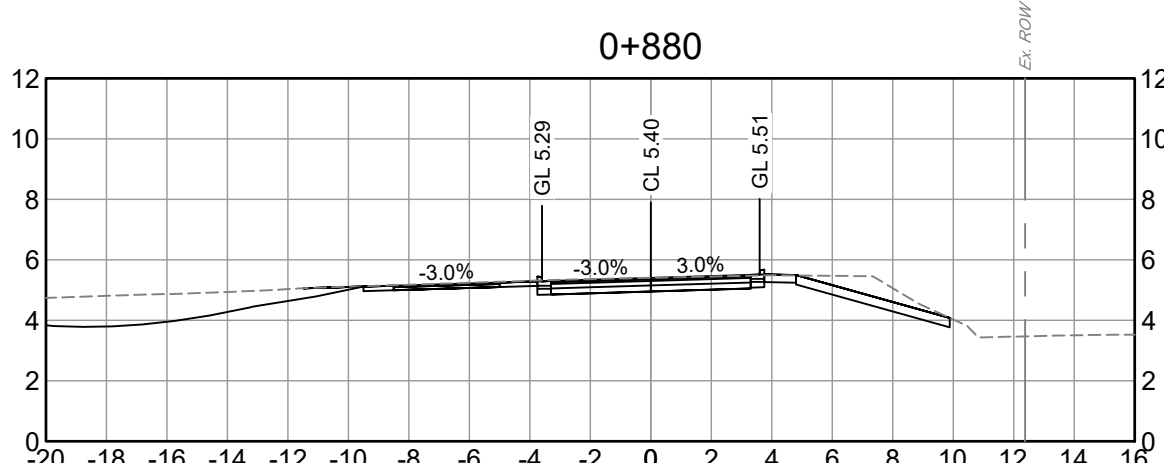
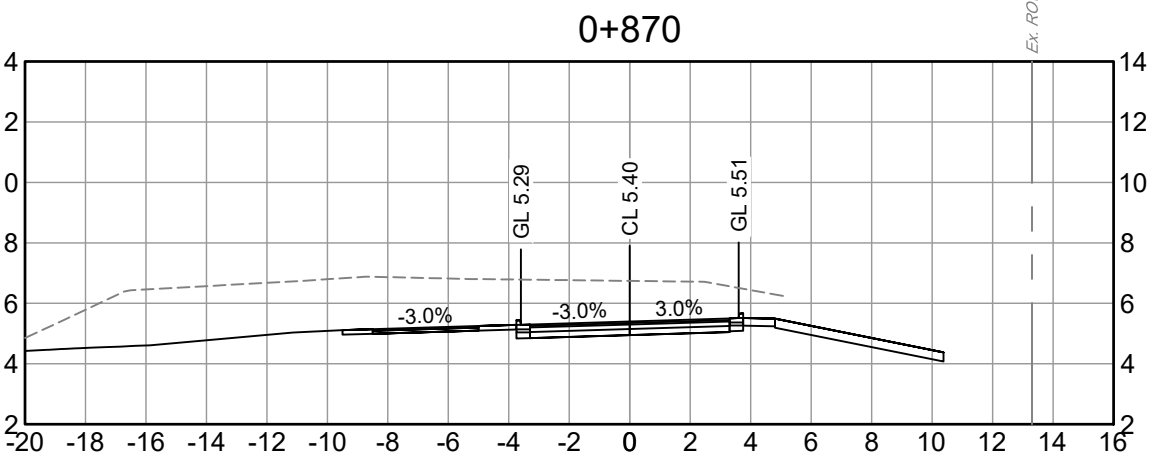
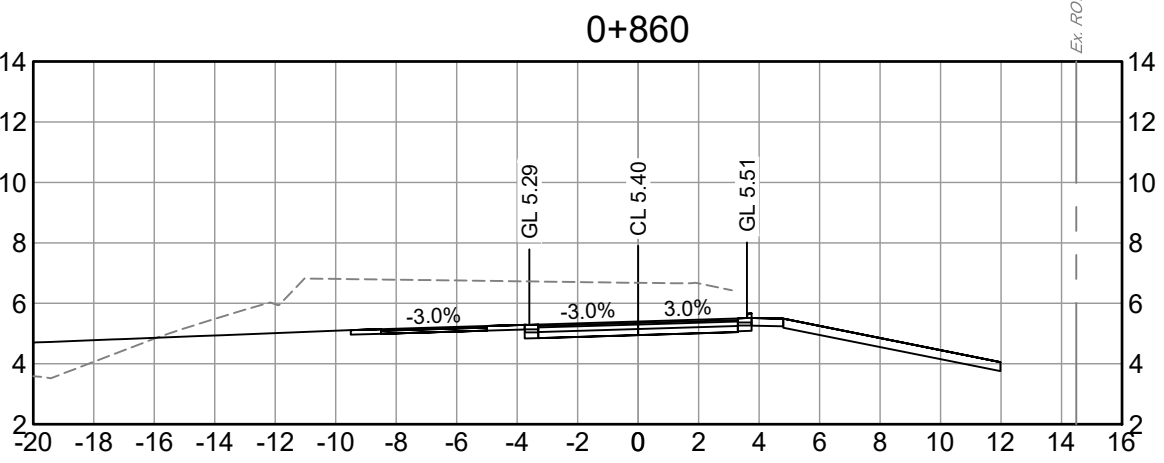
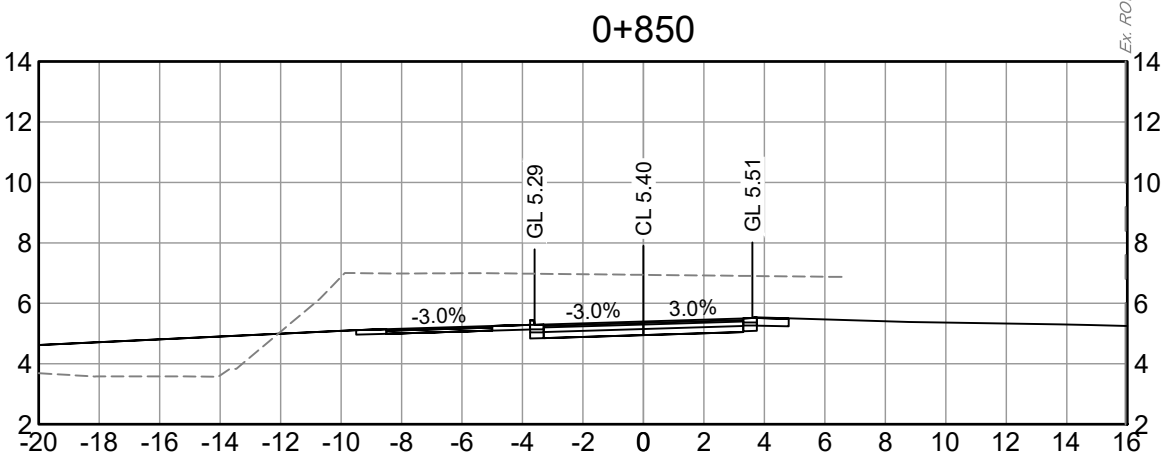
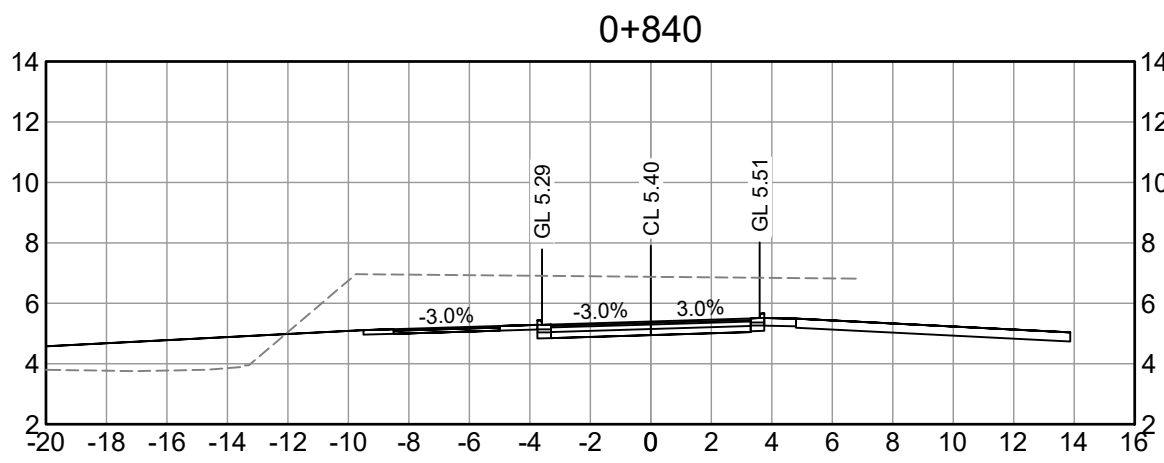
#201, 3999 Henning Drive, Burnaby, B.C. V5C 6P8
T: (604)629-2696 F: (604)629-2698

IFT DESIGN NO.

33527

SCALE	1:250	CREATION DATE	2023/07/06	DWG. NO.
DRAWN BY	GA	DESIGN BY	CJB	43
CHECKED BY	CJB	APPROVED BY	CJB	48
				REV. A

File: C:\ADSS\ACCDoc\SL\32628_COQ_CedarDrivePhase1\Drawings\203_Sheets\Phase 1 and 2 - Cedar Drive Upgrades\32628_SH_Phase 2_Cross_Sections.dwg



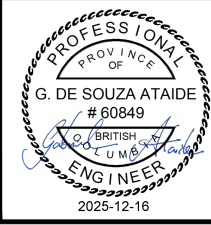
PLOT DATE: May 7, 2025

REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPR'D
A	ISSUED FOR TENDER	2025/12/16	GA	CJB



CROSS
SECTIONS

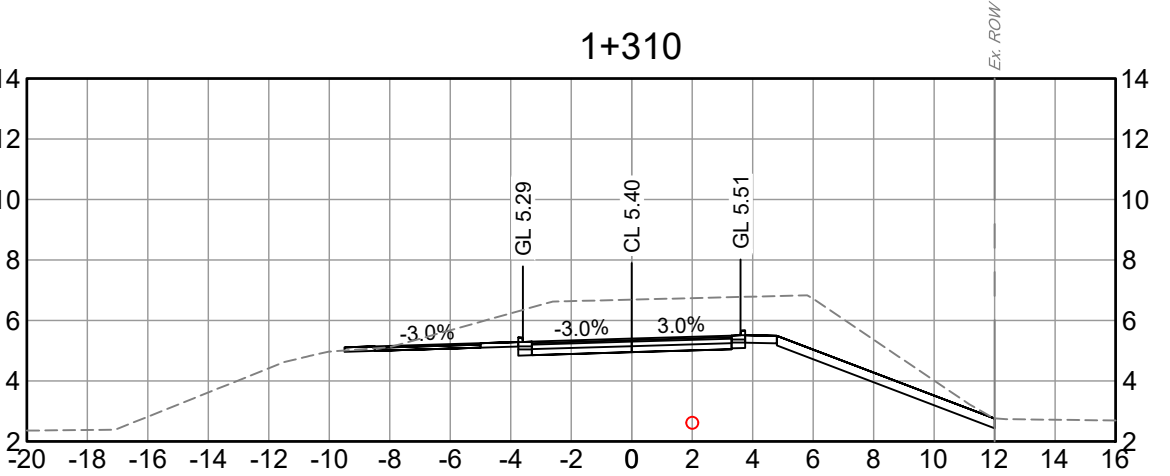
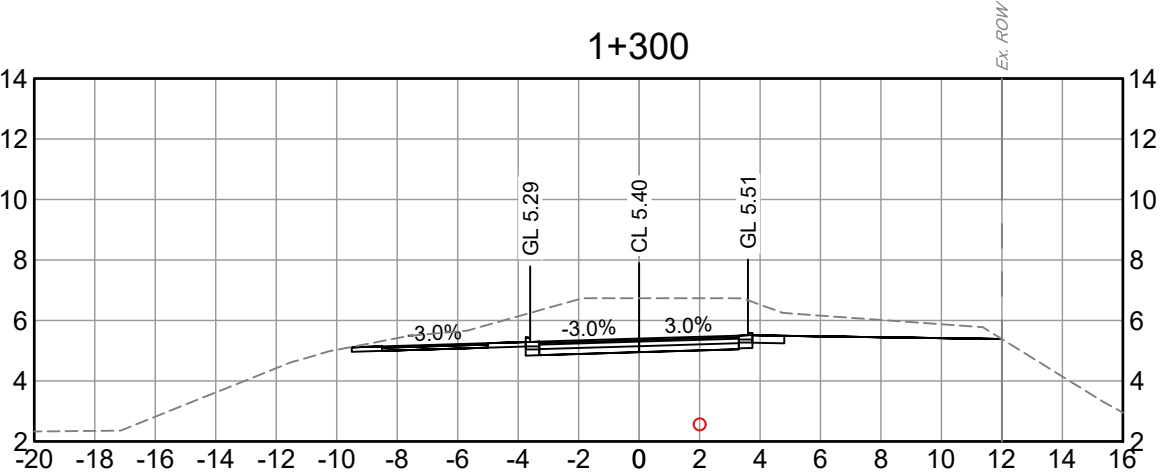
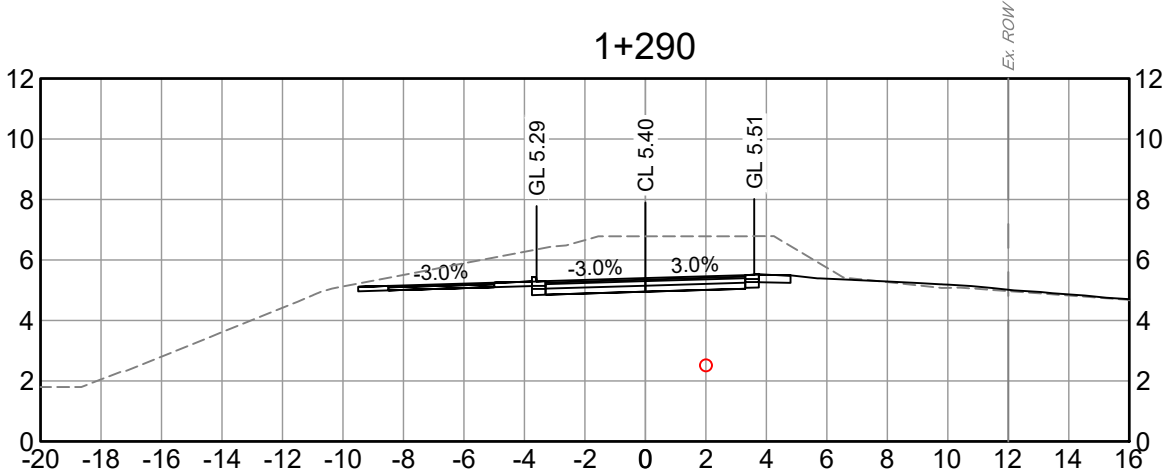
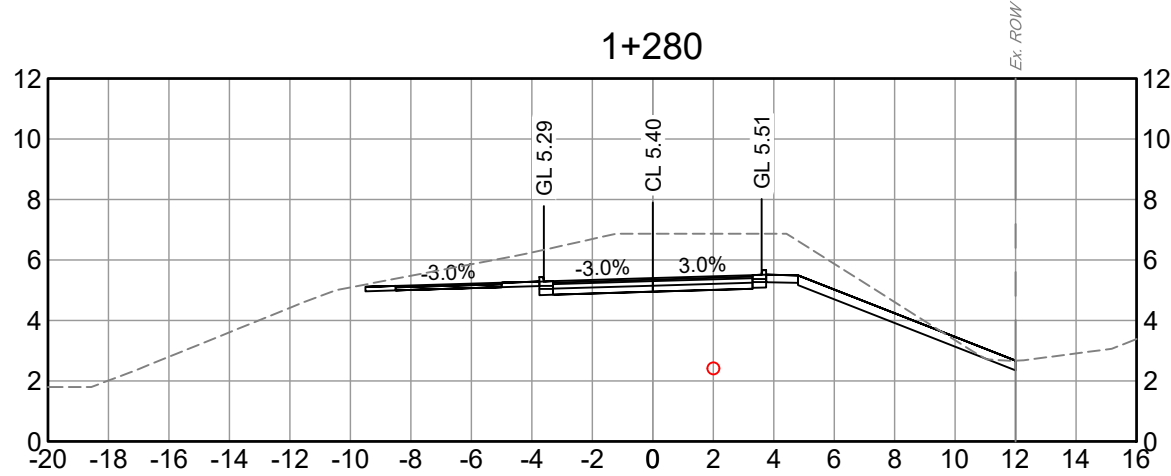
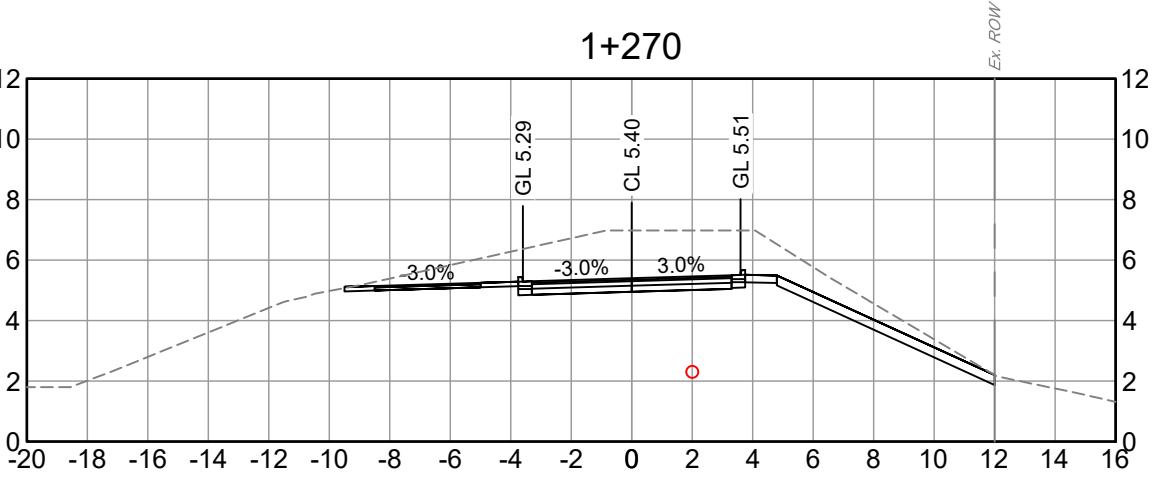
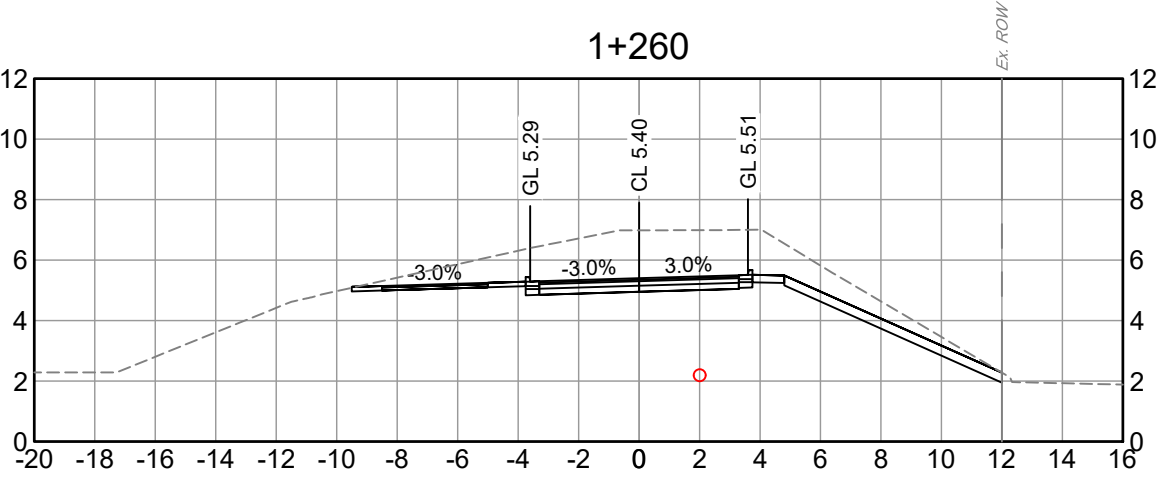
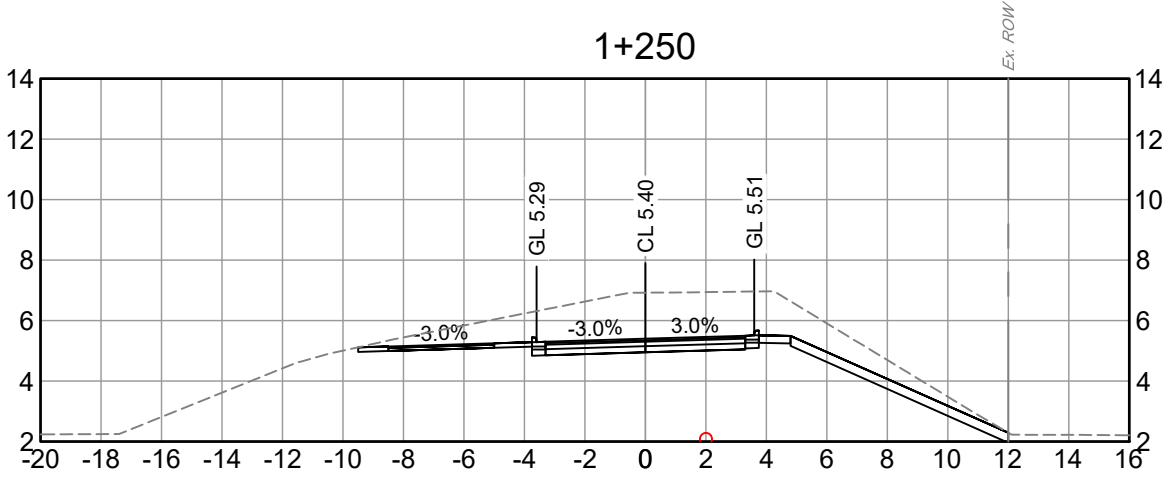
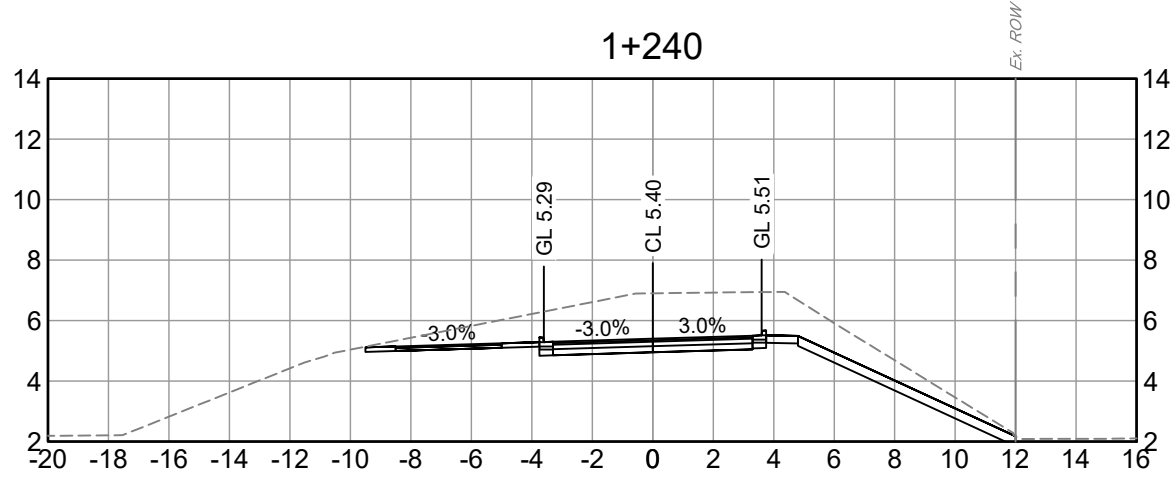
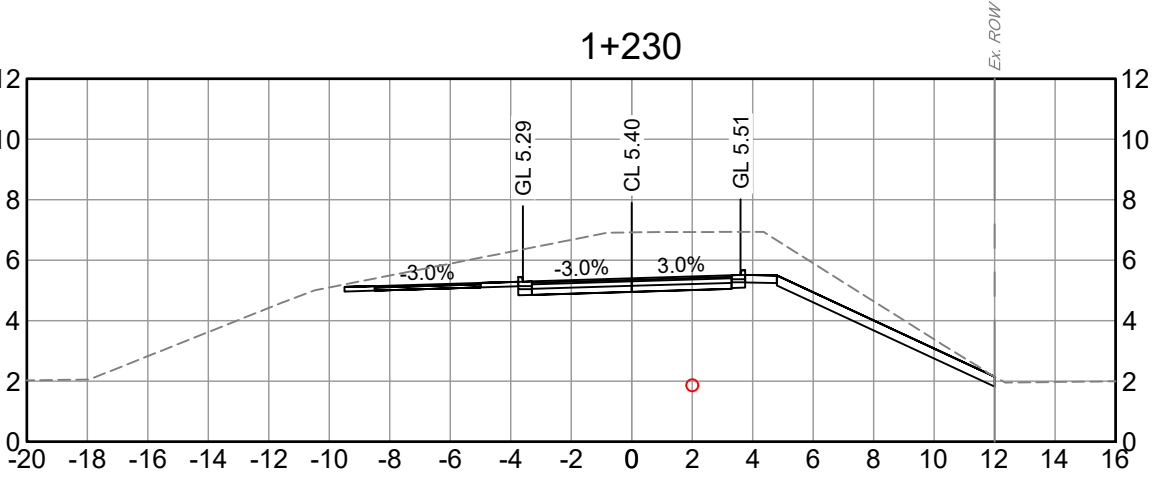
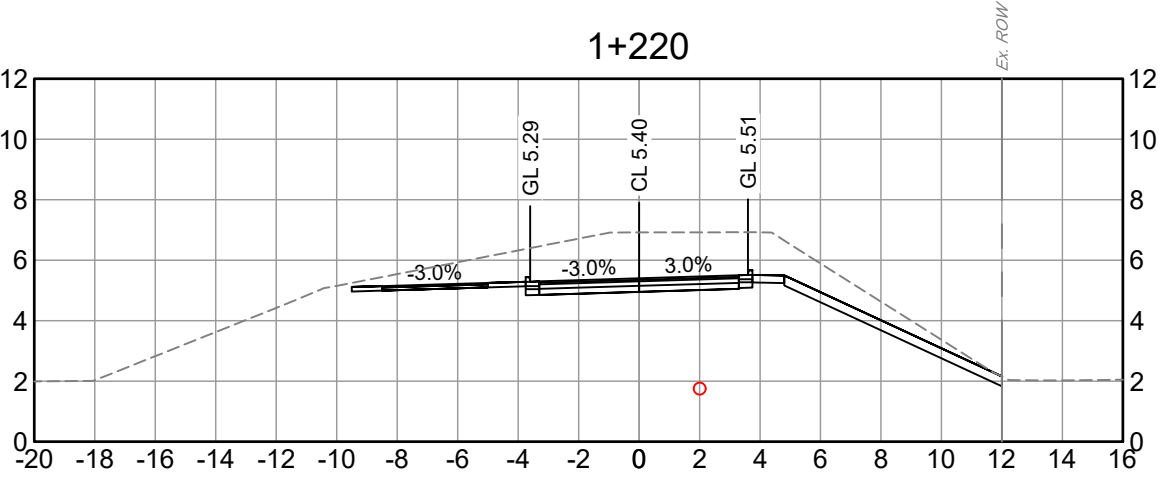
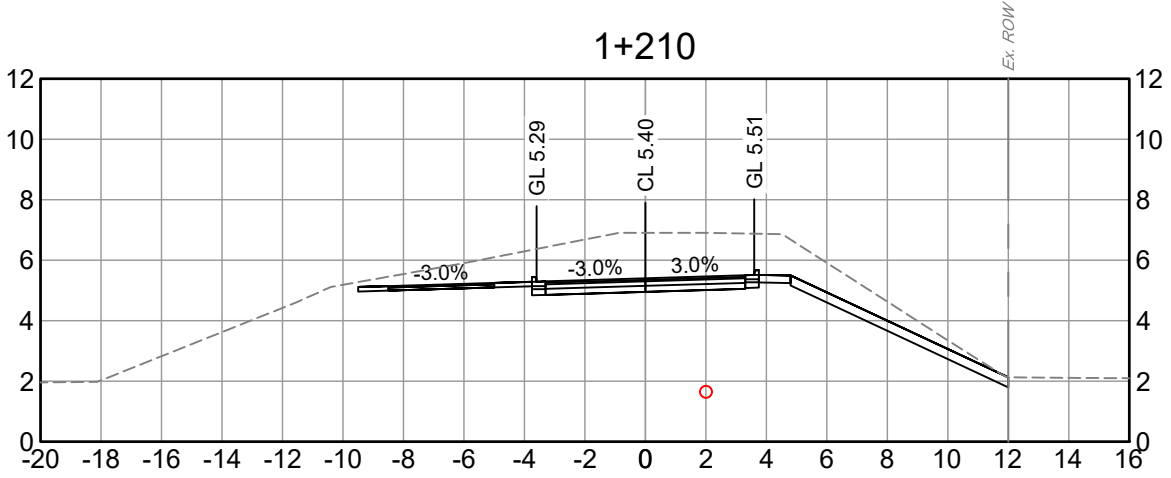
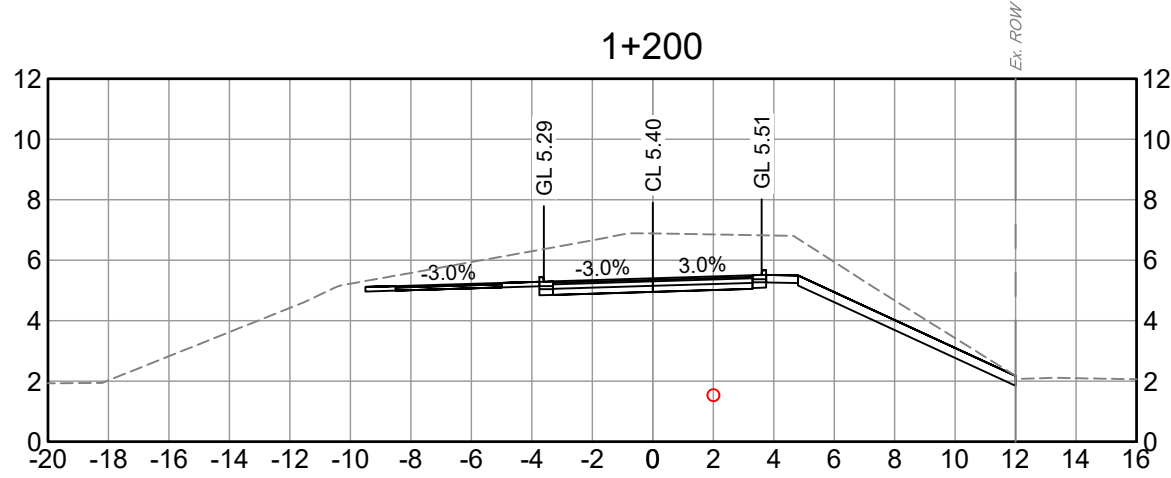
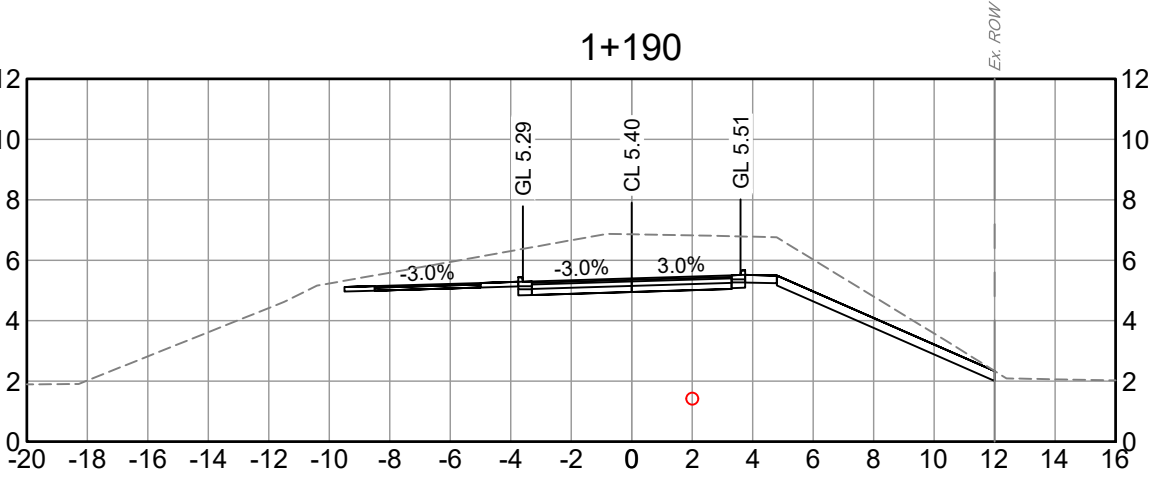
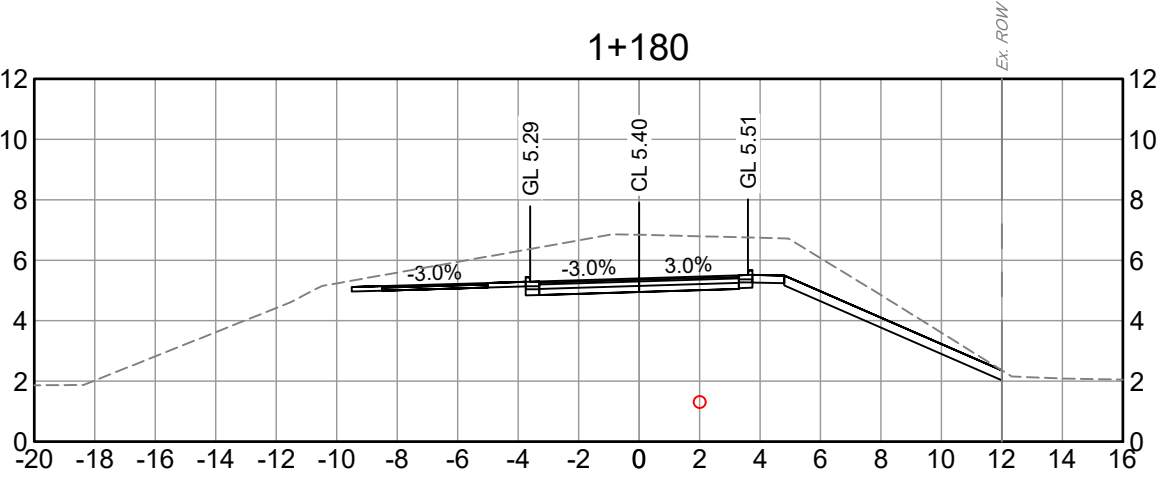
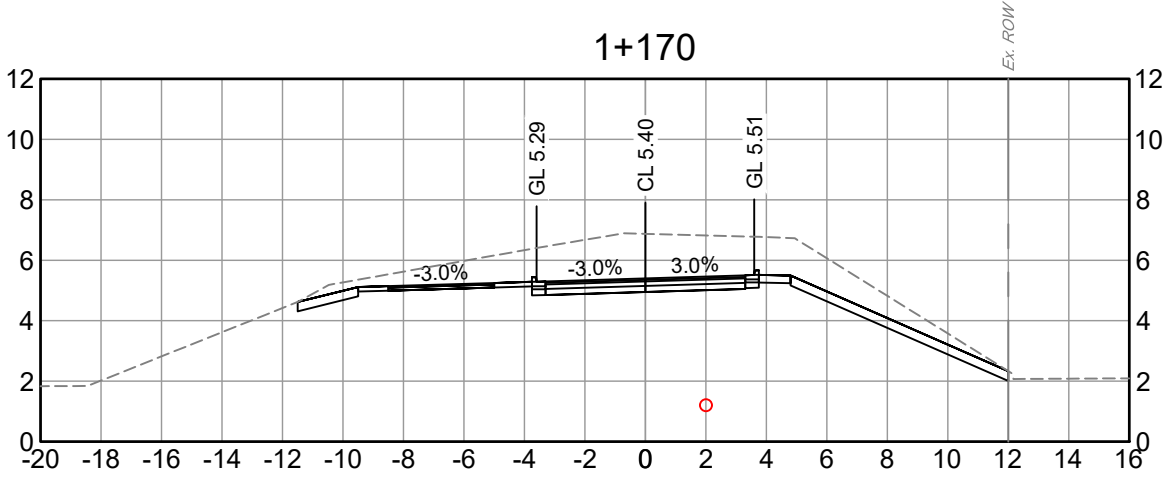
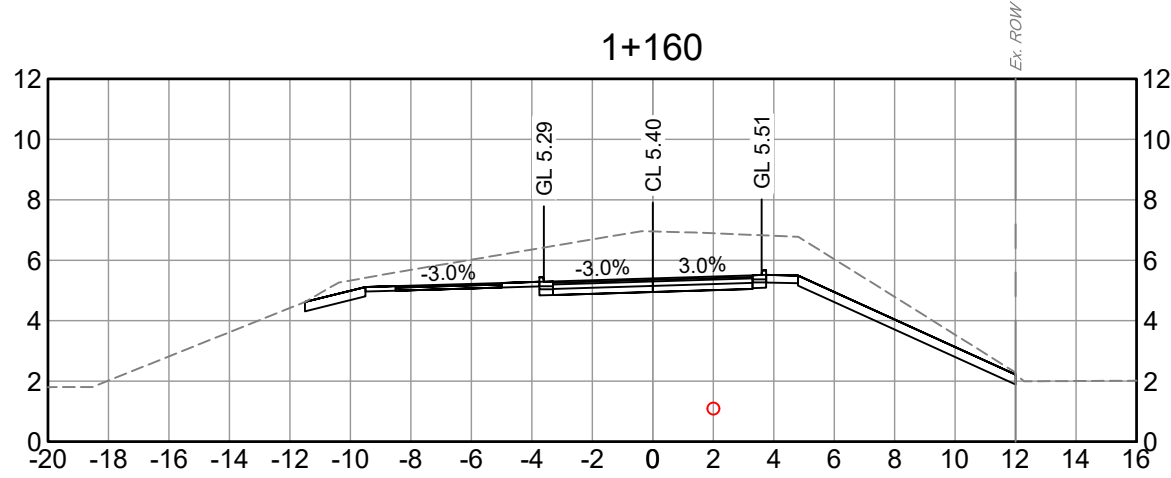
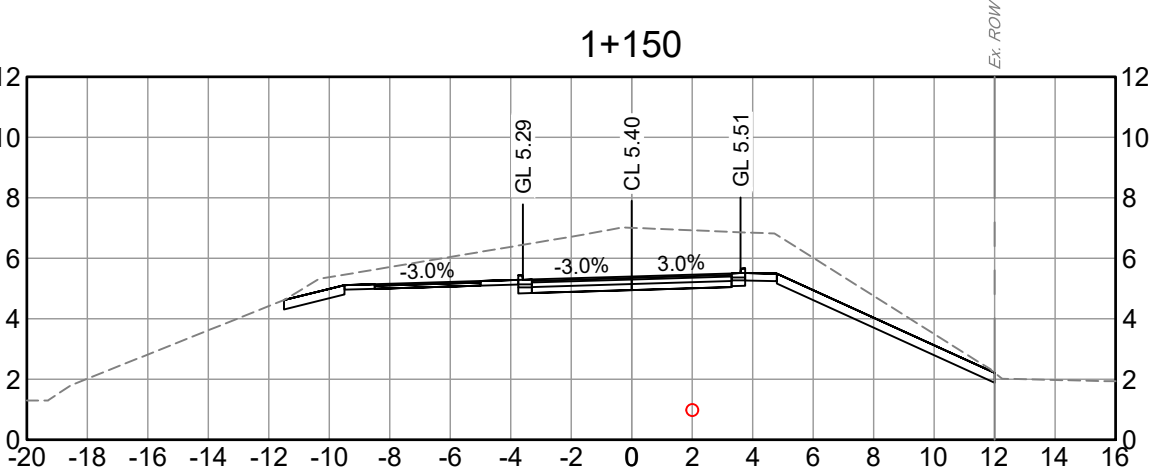
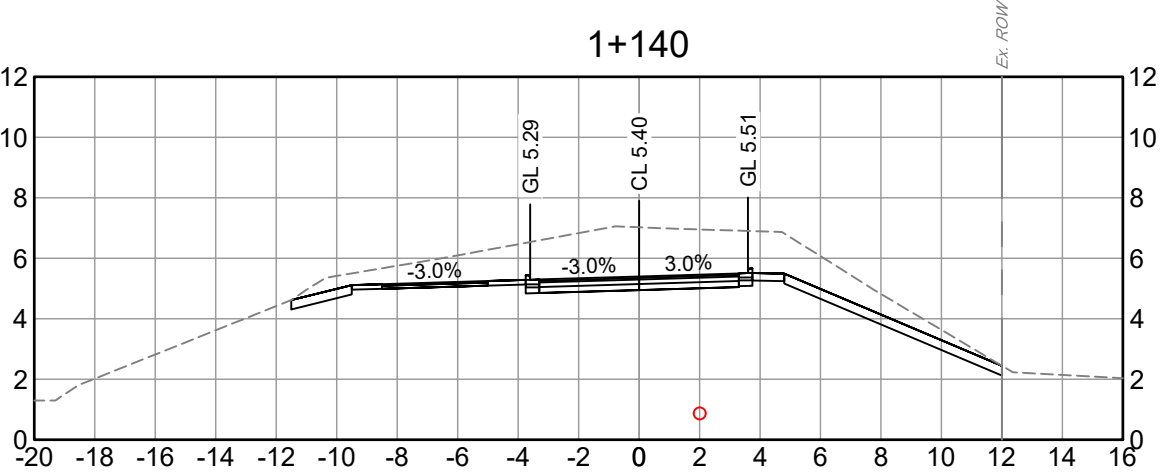
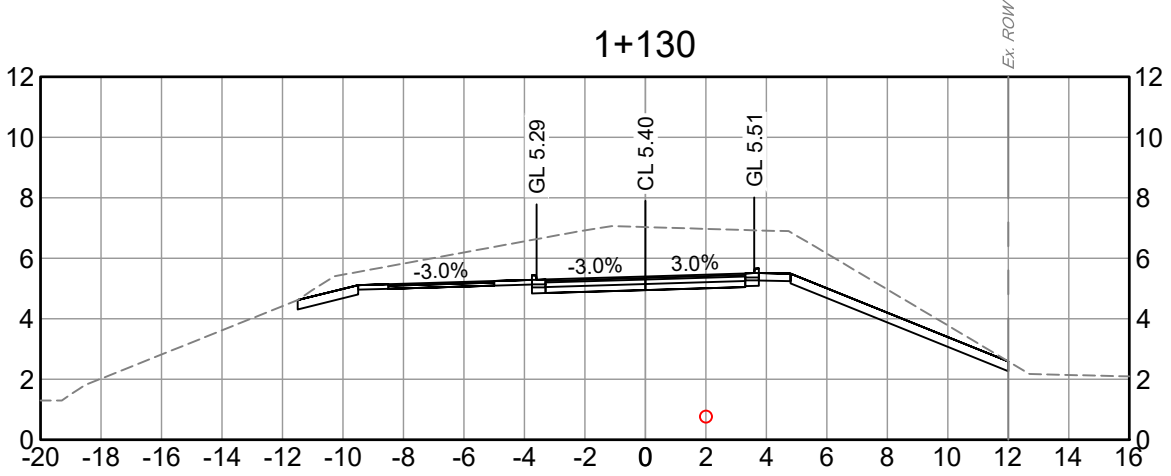
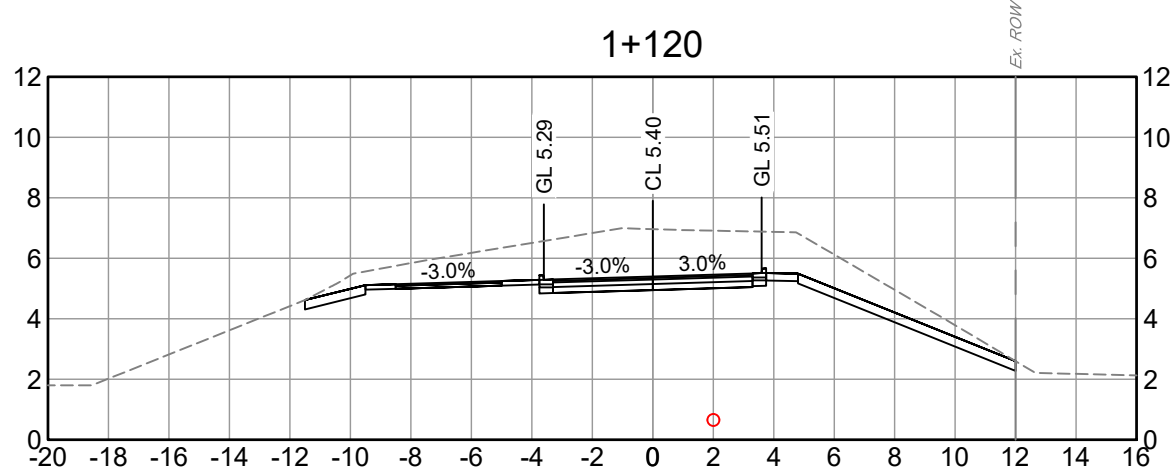
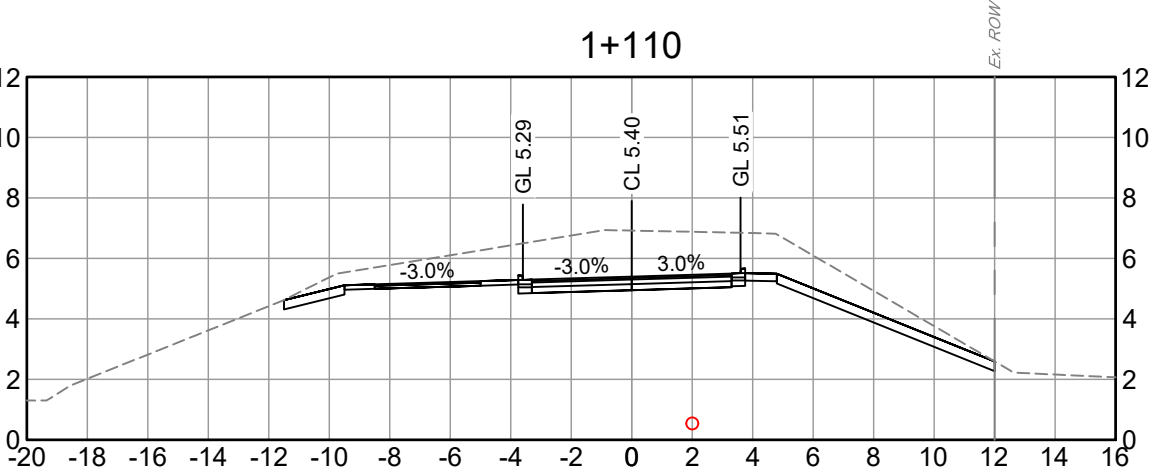
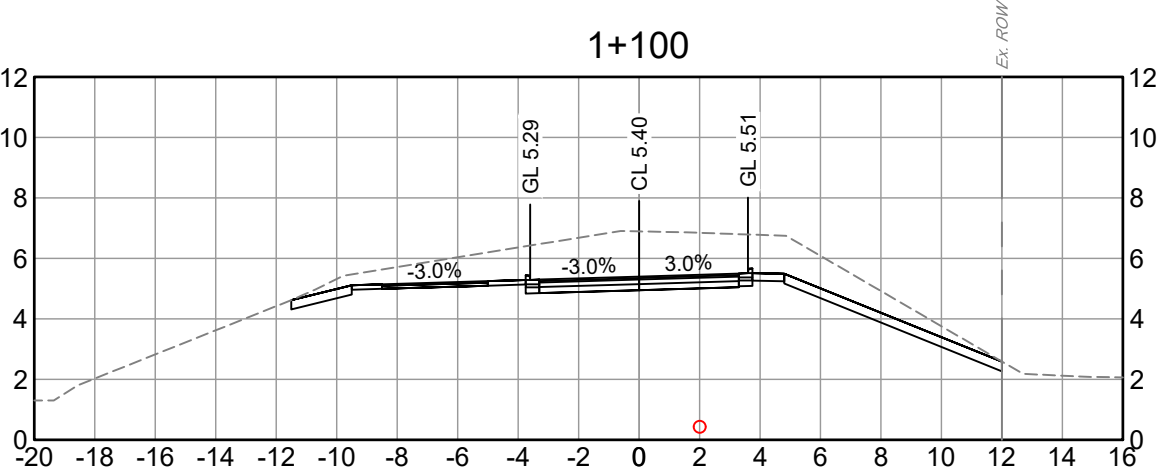
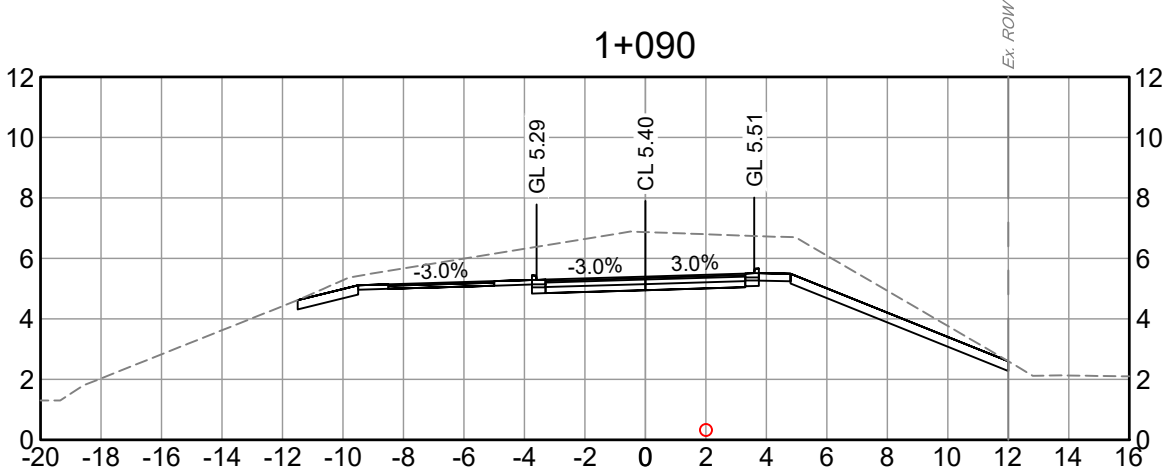
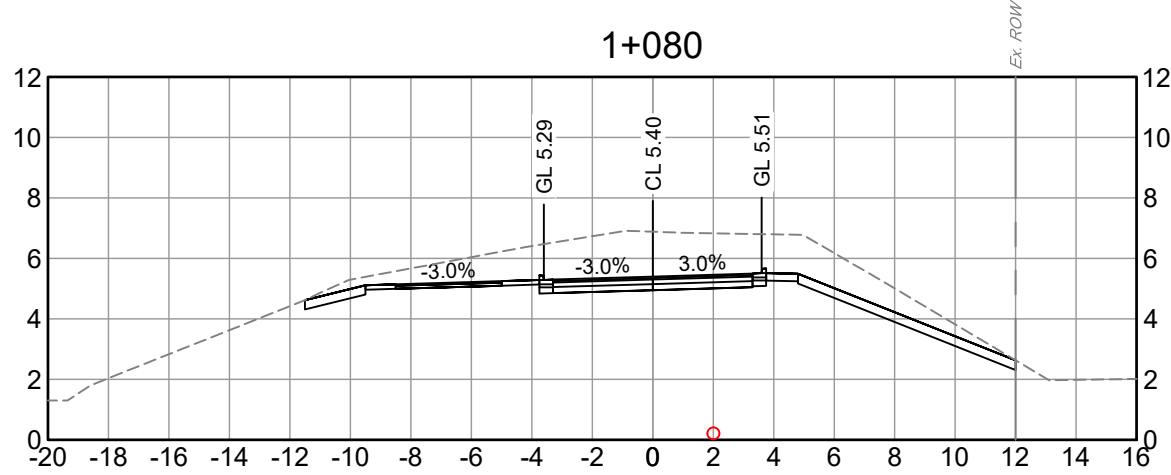
STA 0+840 TO 1+070
CEDAR DRIVE UPGRADES - PHASE 2



IFT		DESIGN NO.	
SCALE	1:250	CREATION DATE	2023/07/06
DRAWN BY	GA	DESIGN BY	CJB
CHECKED BY	CJB	APPROVED BY	CJB
		DWG. NO.	44
		OF	48
		REV.	A

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File: C:\ADSI\ACCDoc\SL\32828_COQ_CedarDrive-Phase1\Roadwork\Project Files\02_CADD\20_Drafting\203_Sheets\Phase 1 and 2_Cedar Drive Upgrades\32828_SH_Phase 2_Cross_Sections.dwg



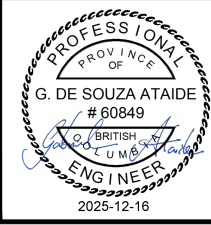
PLOT DATE: May 7, 2025

REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPR'D
A	ISSUED FOR TENDER	2025/12/16	GA	CJB



CROSS
SECTIONS

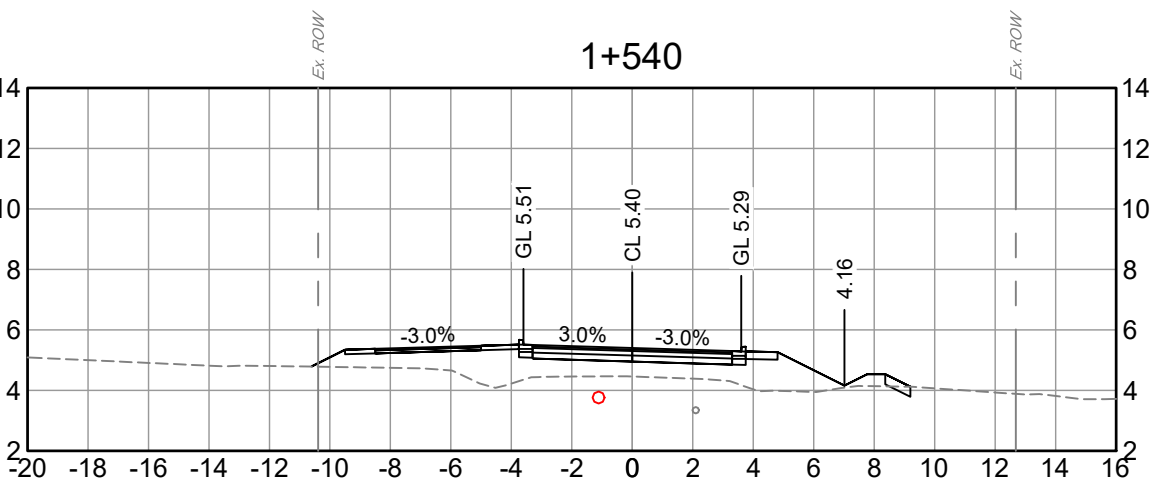
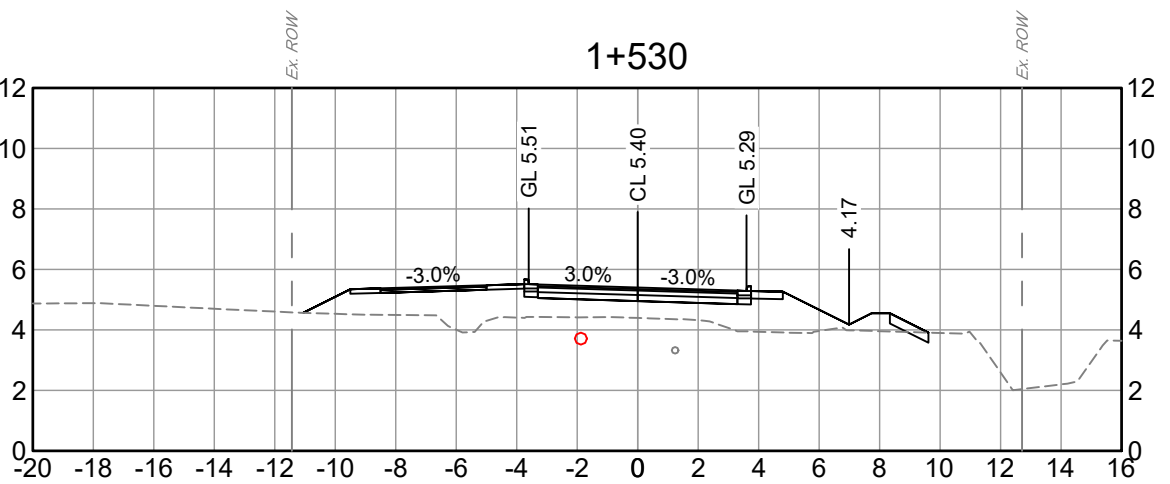
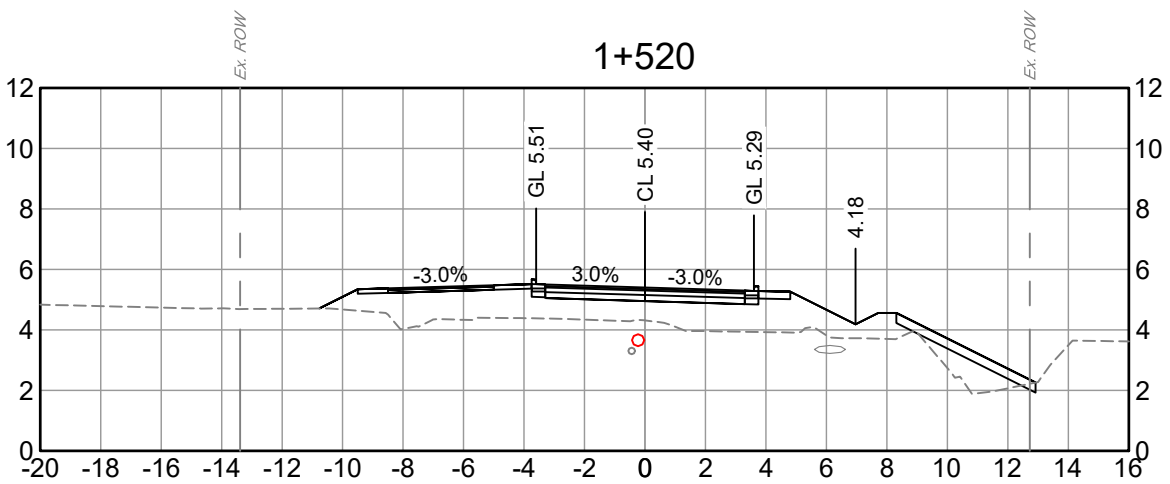
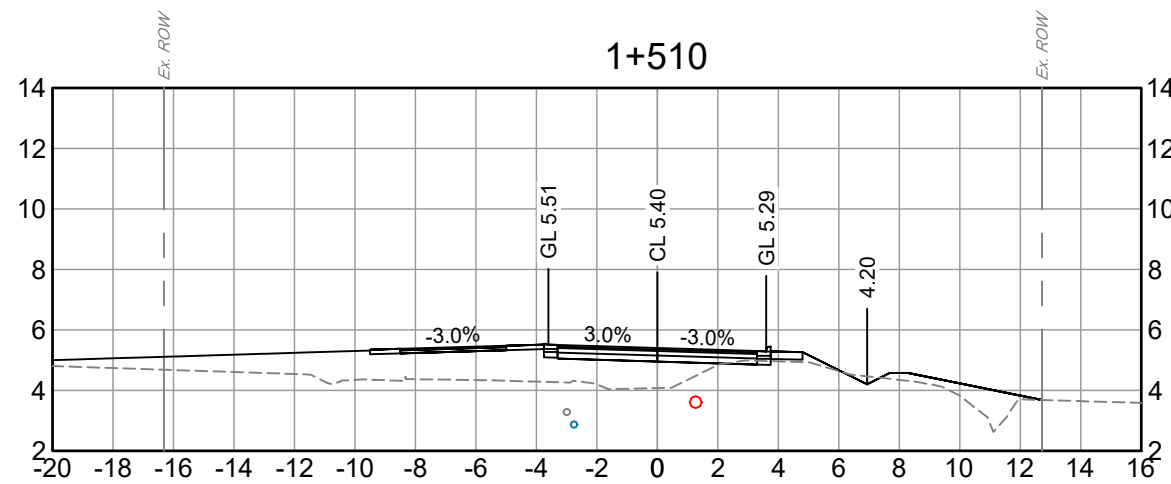
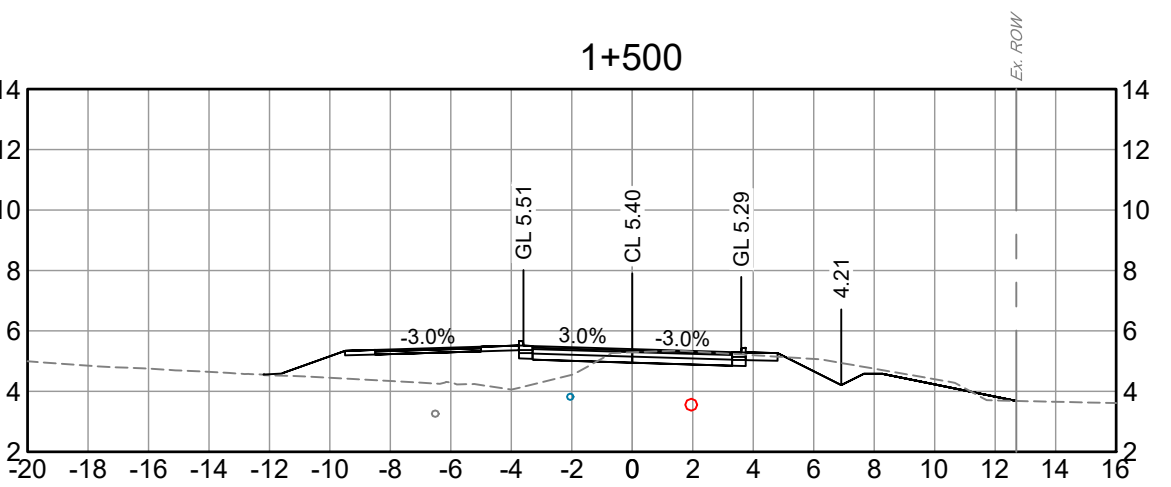
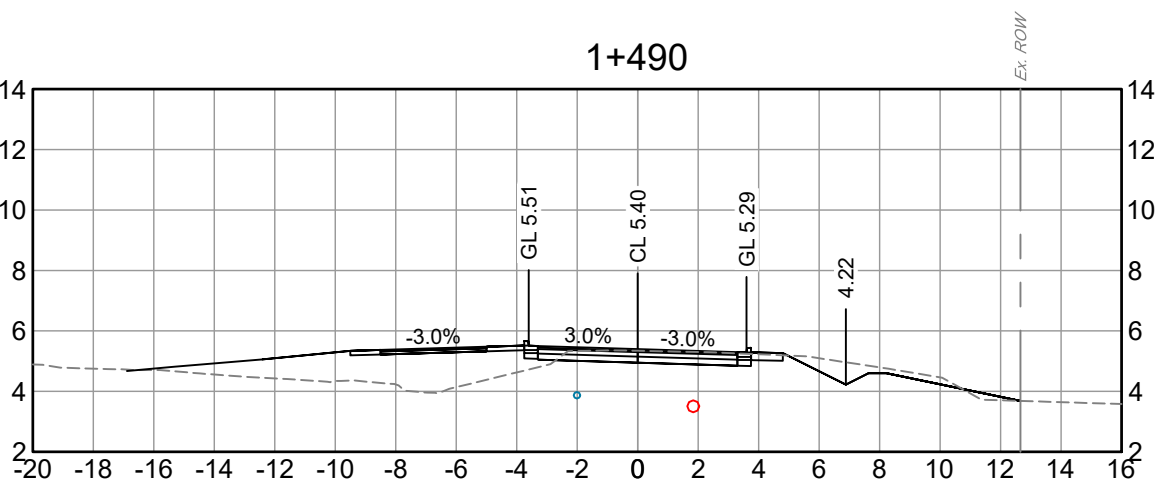
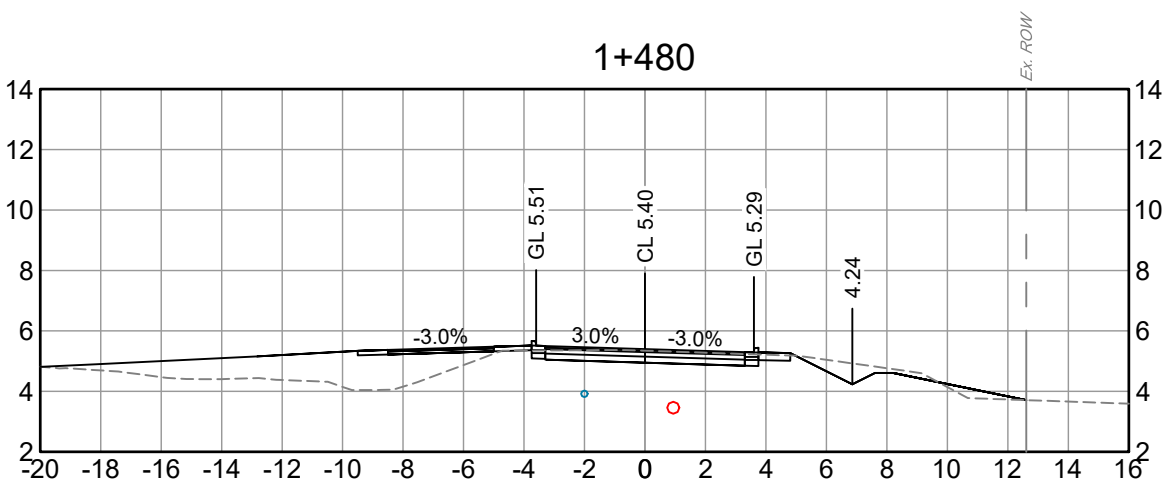
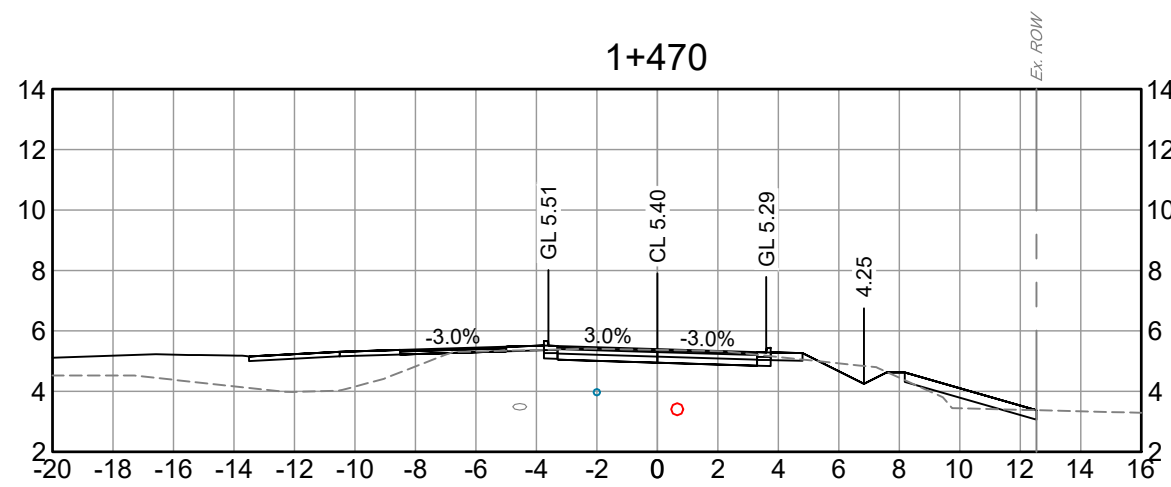
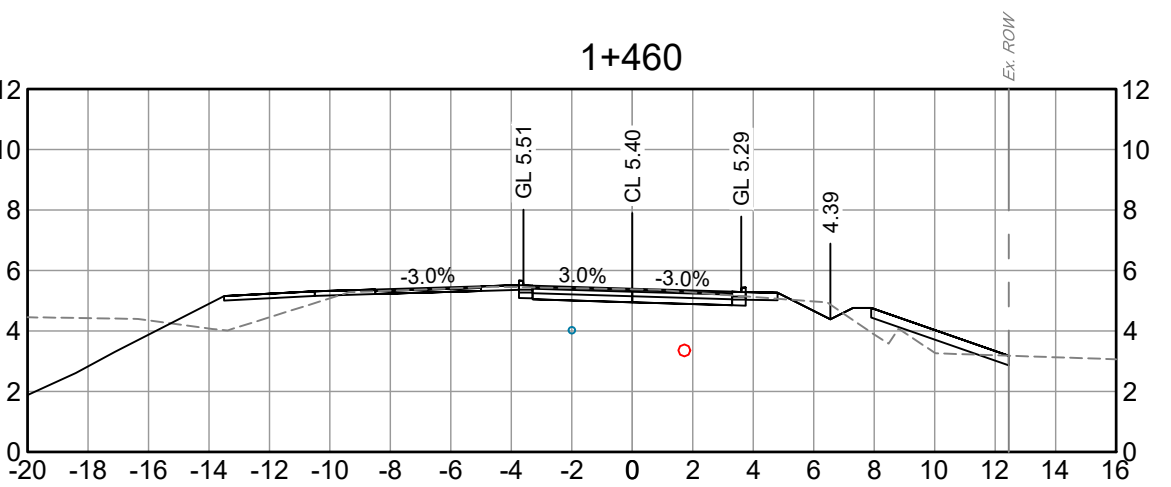
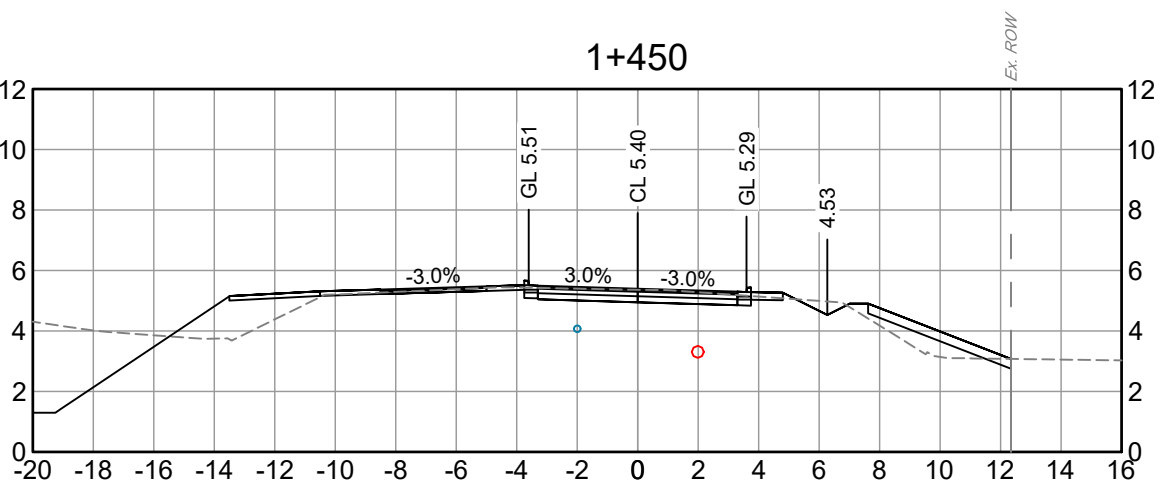
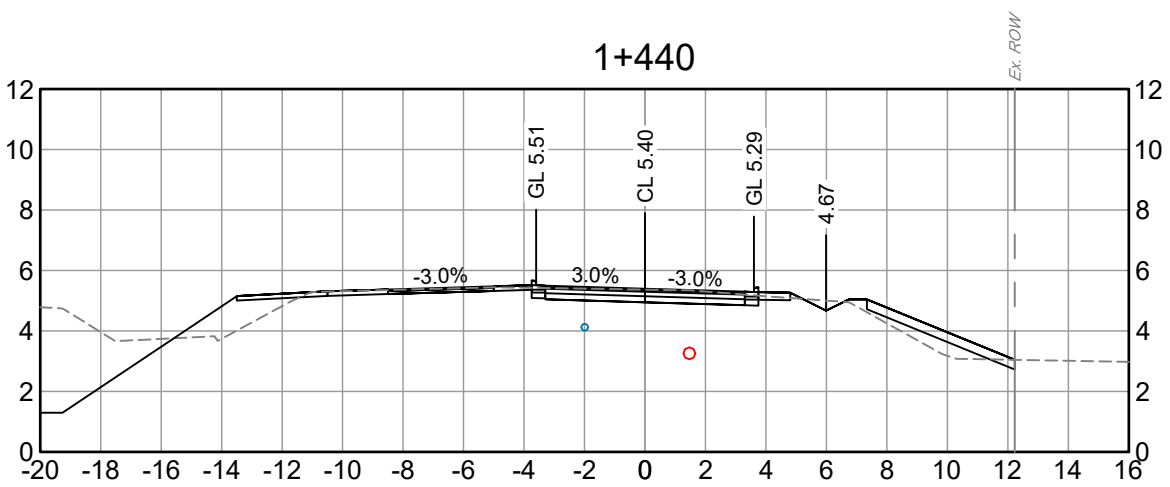
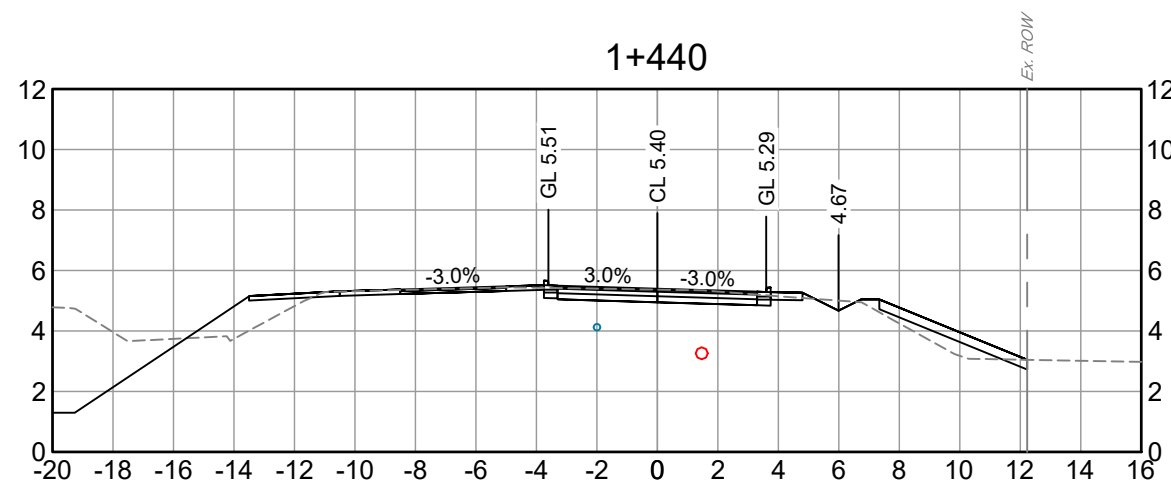
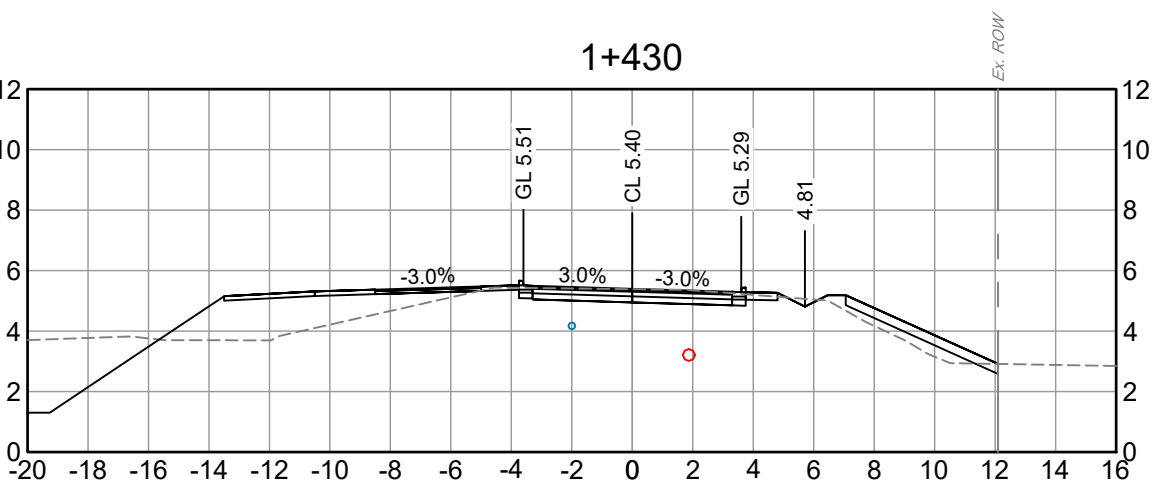
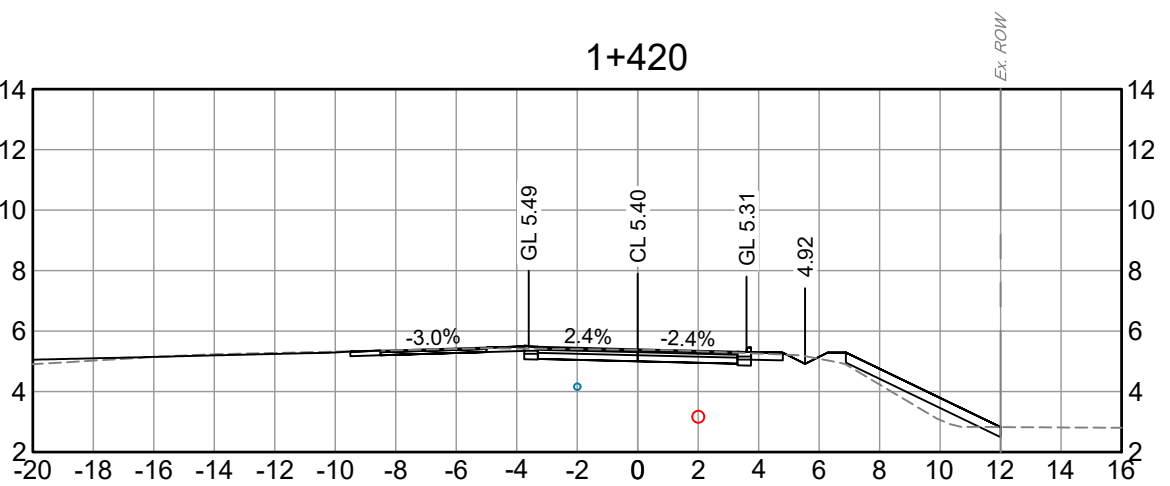
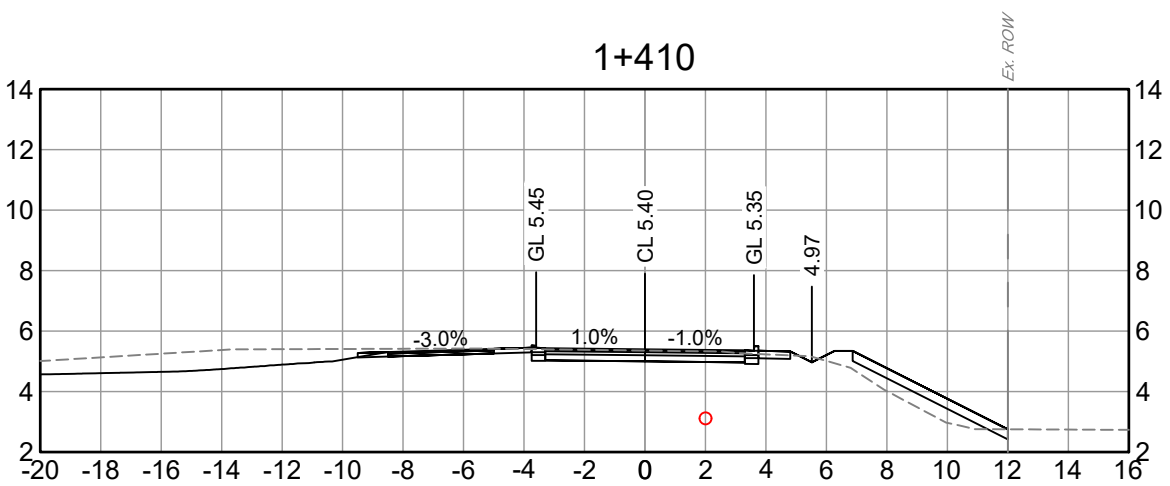
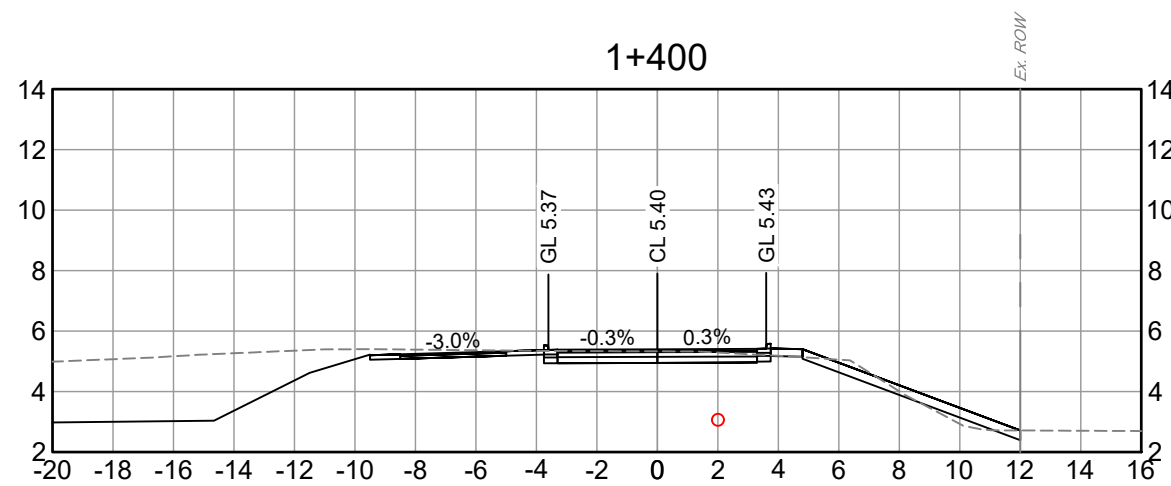
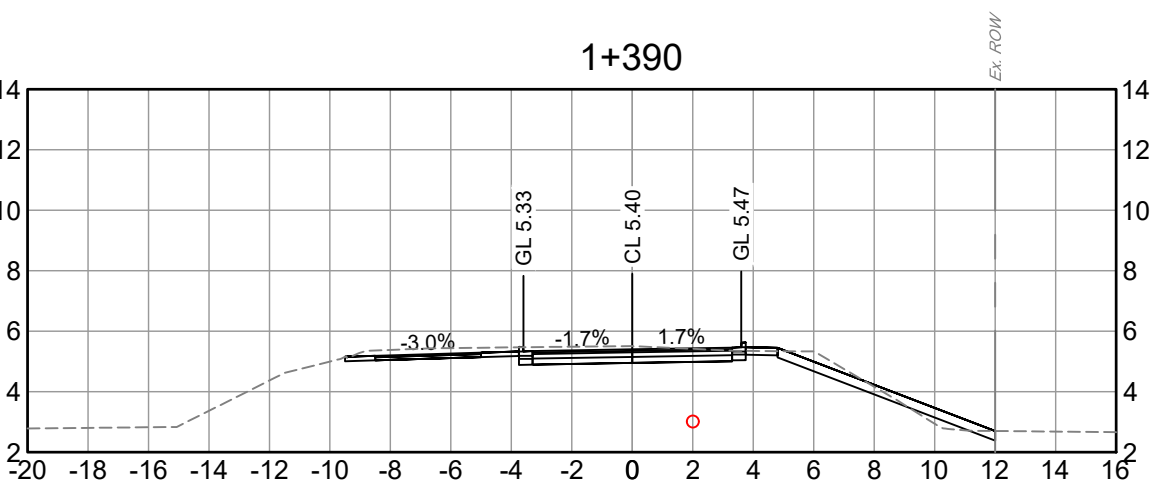
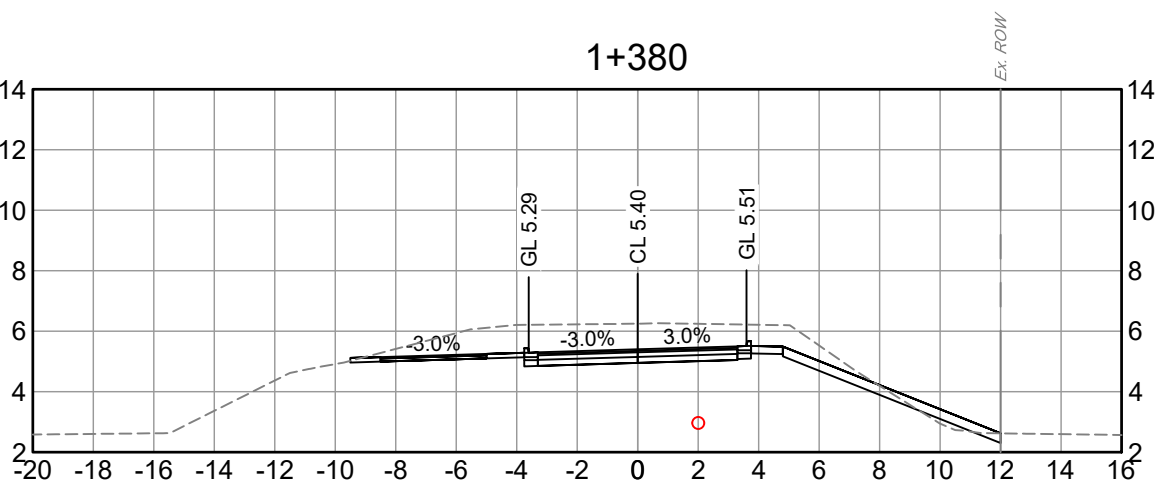
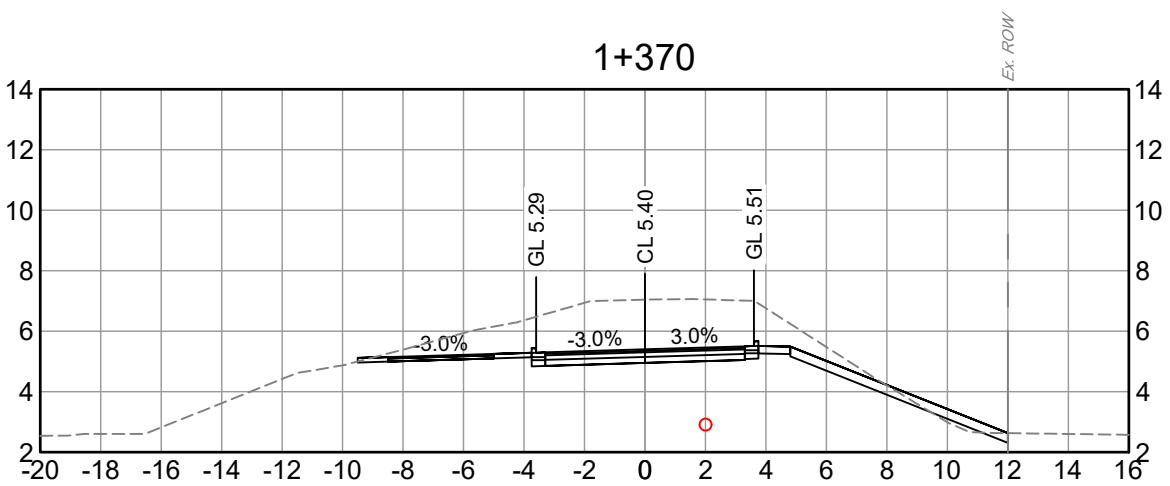
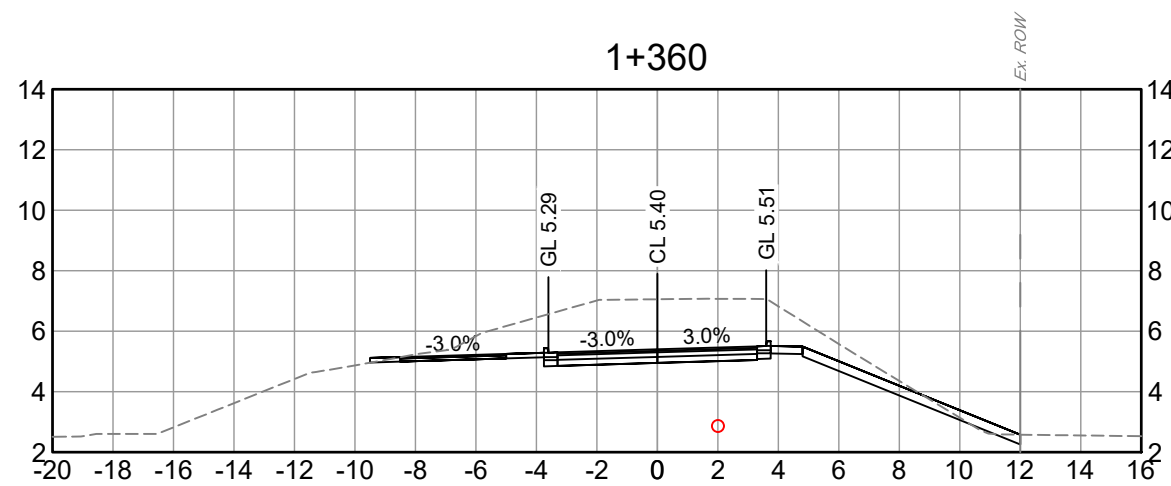
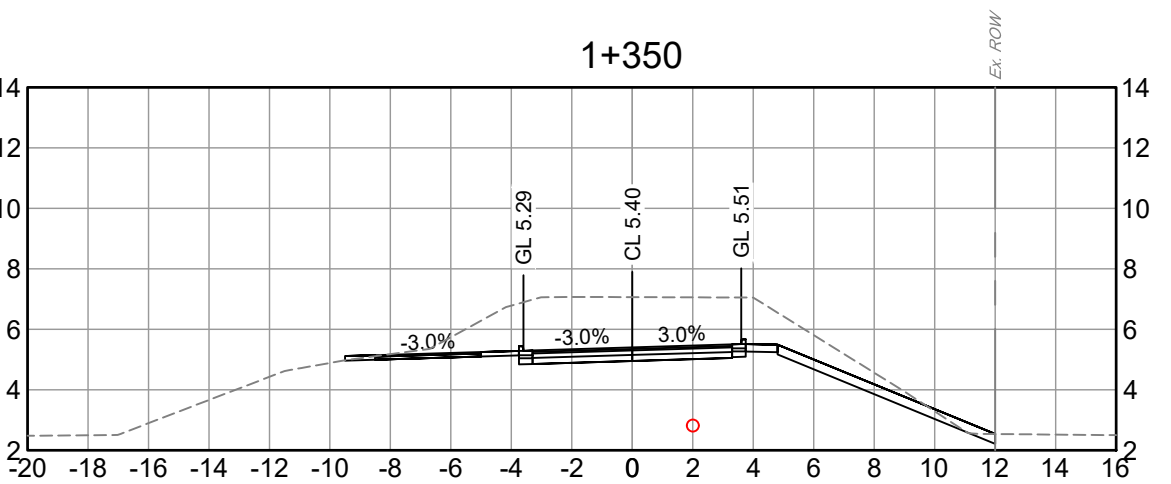
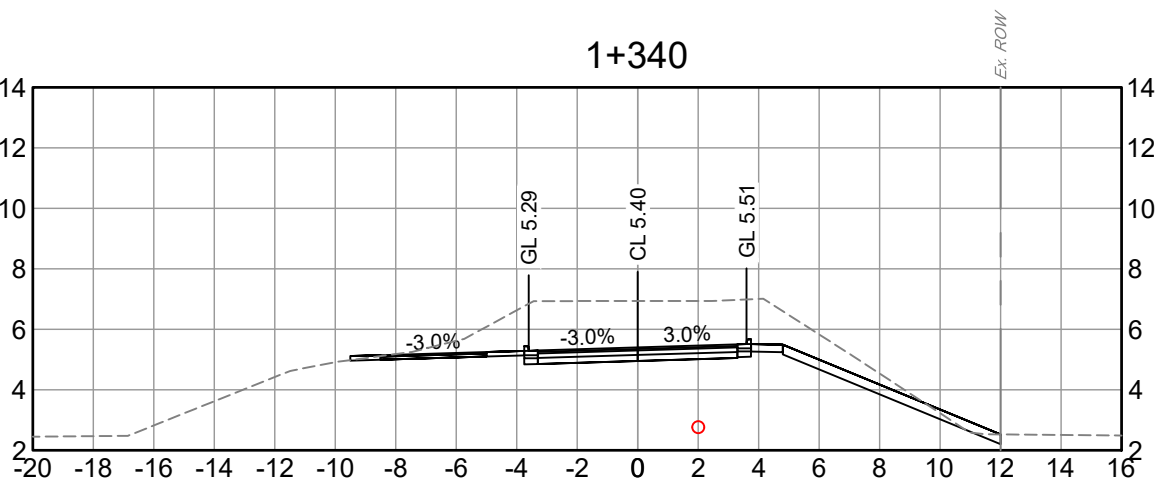
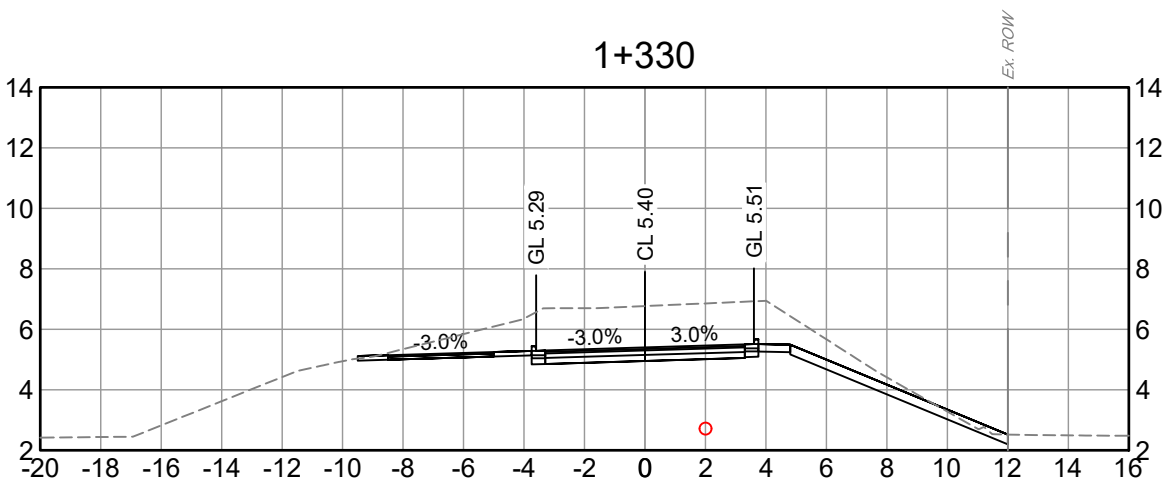
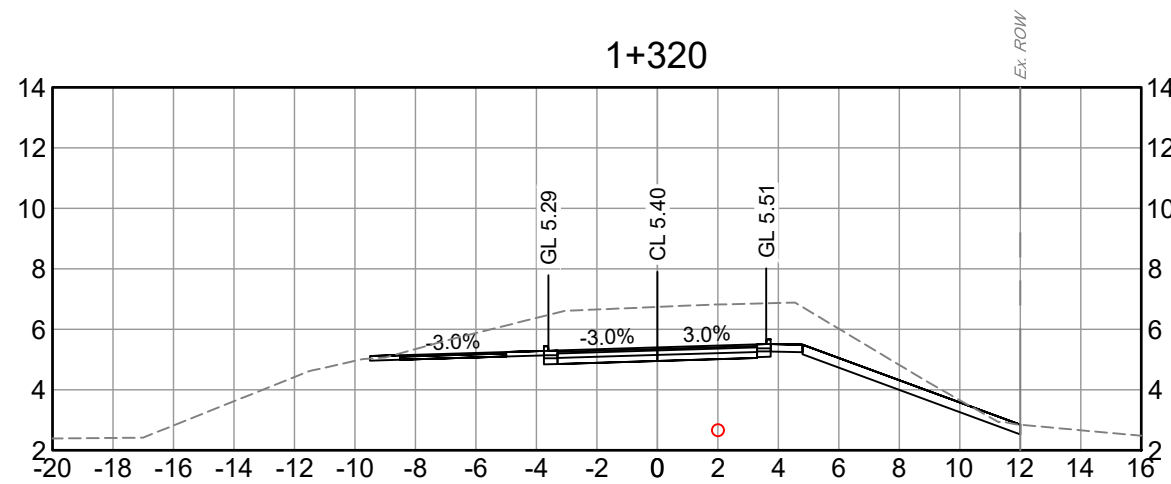
STA 1+080 TO 1+310
CEDAR DRIVE UPGRADES - PHASE 2



IFT		DESIGN NO.	
SCALE	1:250	CREATION DATE	2023/07/06
DRAWN BY	GA	DESIGN BY	CJB
CHECKED BY	CJB	APPROVED BY	CJB
		DWG. NO.	45 OF 48
		REV.	A

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File: C:\ADS\ACAD\Bocals\32628_CDQ_CedarDrivePhase2\Drawings\203_CADD\20_Drafting\203_Sheets\Phase 1 and 2_Cedar Drive Upgrades\32628_SH_Phase 2_Cross Sections.dwg



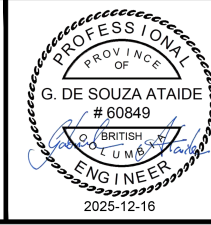
PLOT DATE: May 7, 2025

REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPR'D
A	ISSUED FOR TENDER	2025/12/16	GA	CJB



CROSS
SECTIONS

STA 1+320 TO 1+540
CEDAR DRIVE UPGRADES - PHASE 2



#201, 3999 Henning Drive, Burnaby, B.C. V5C 6P9
T: (604) 699-3999 F: (604) 699-3999

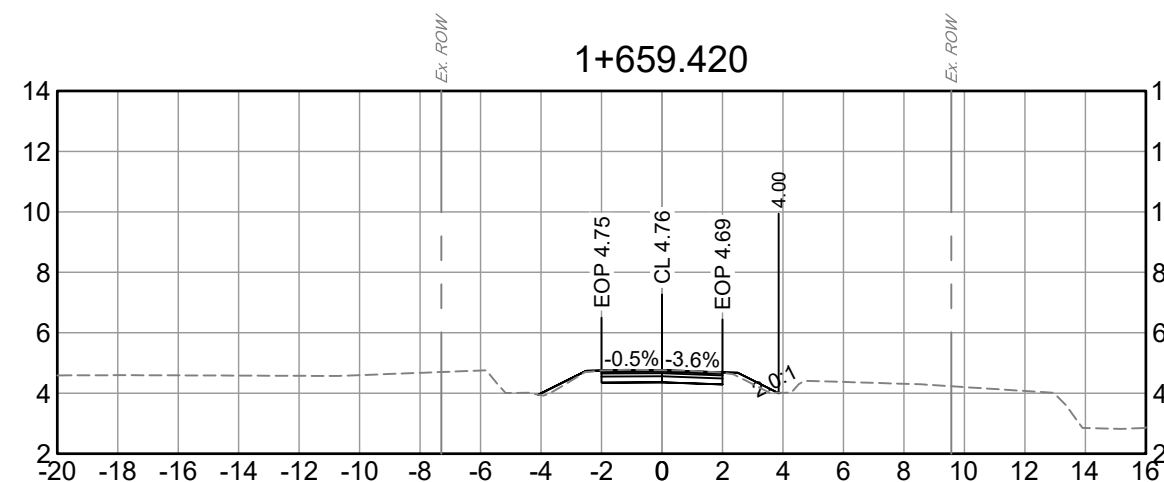
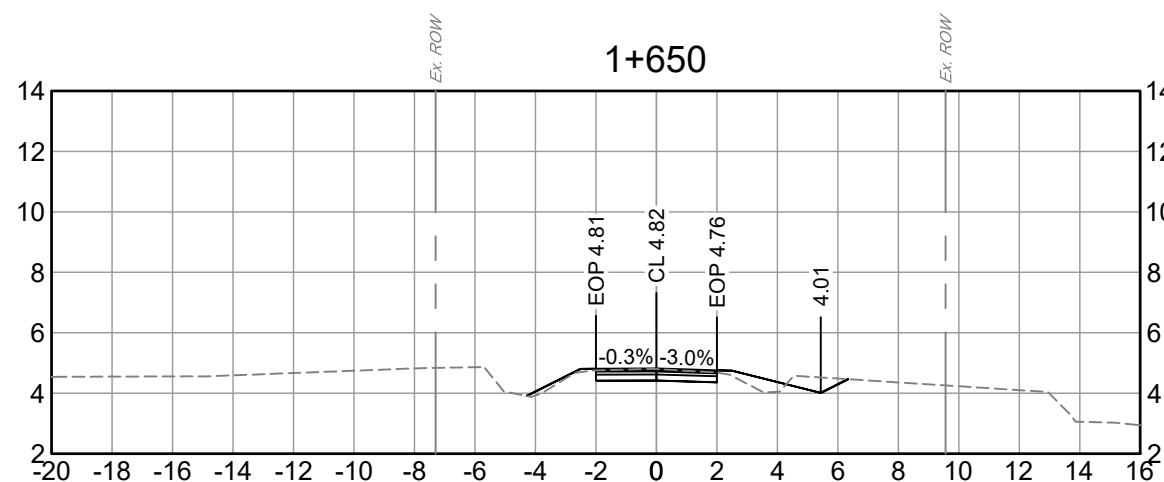
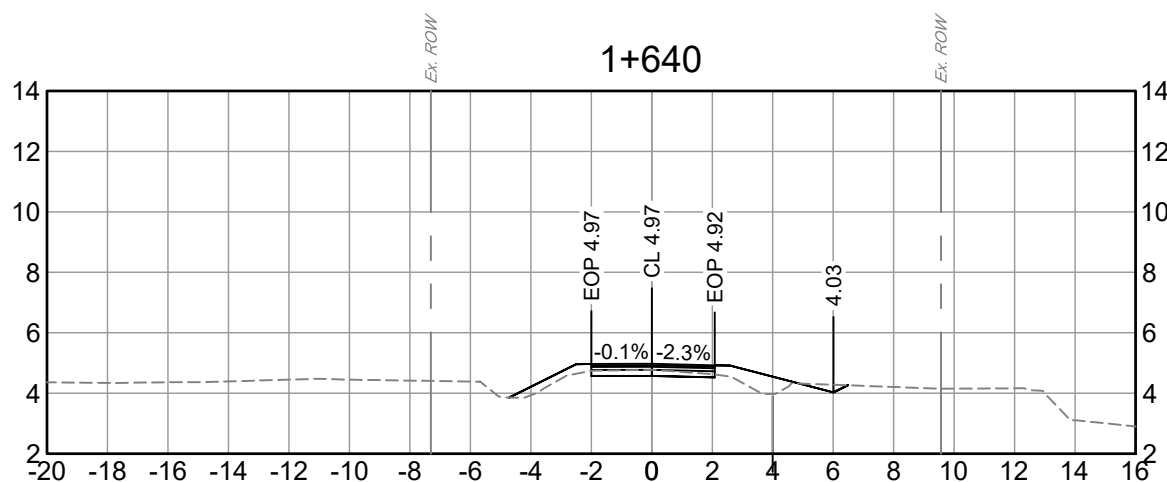
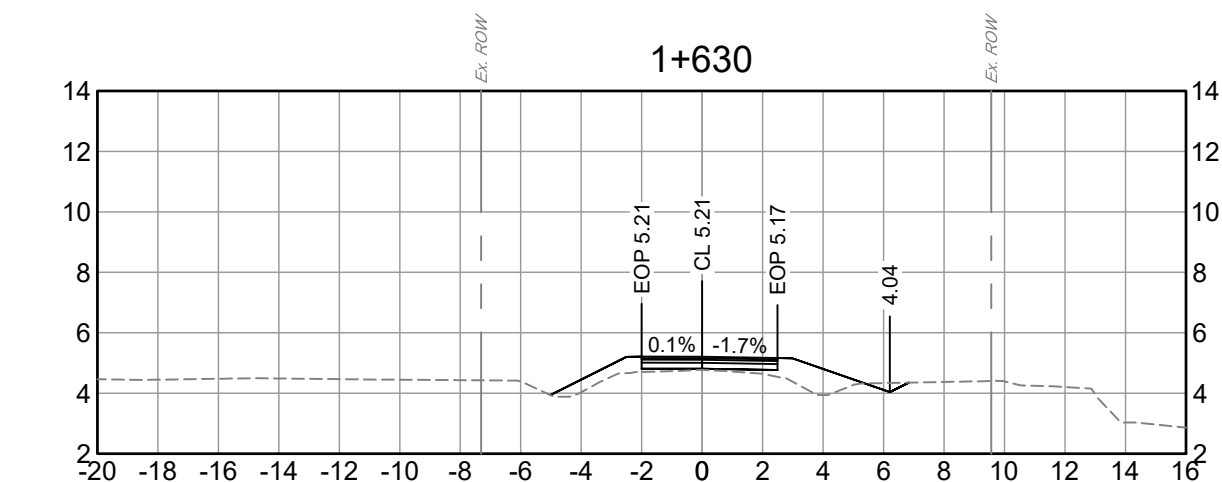
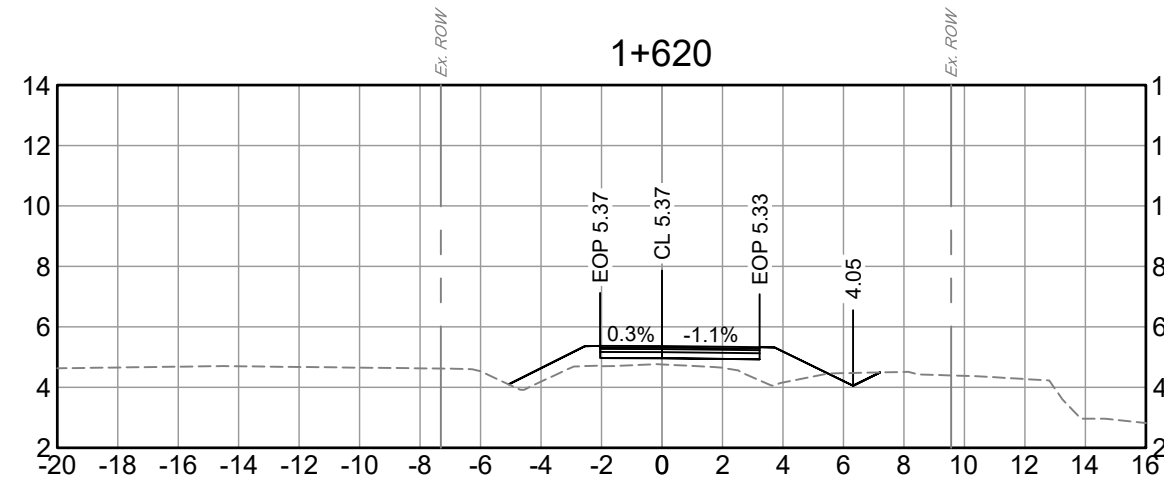
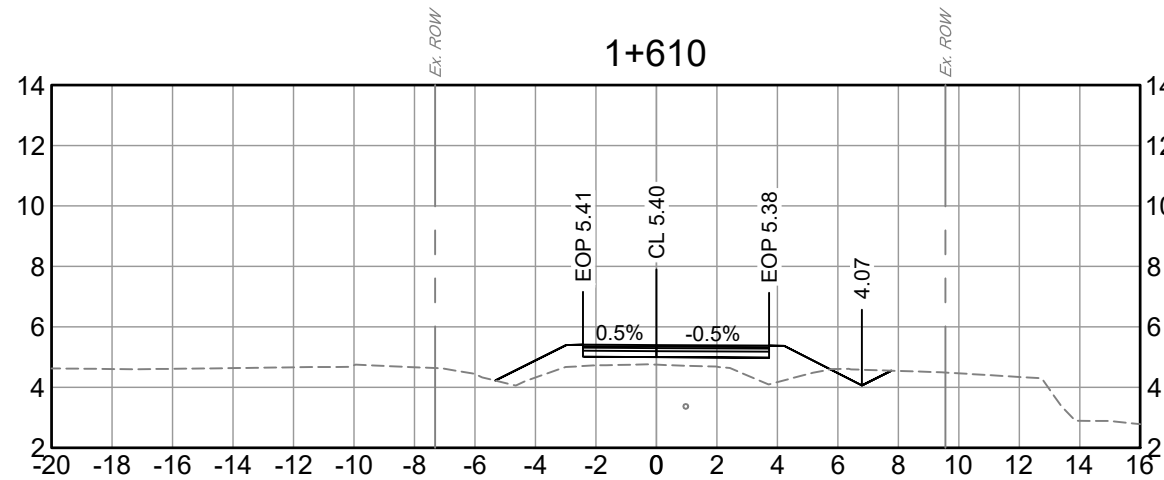
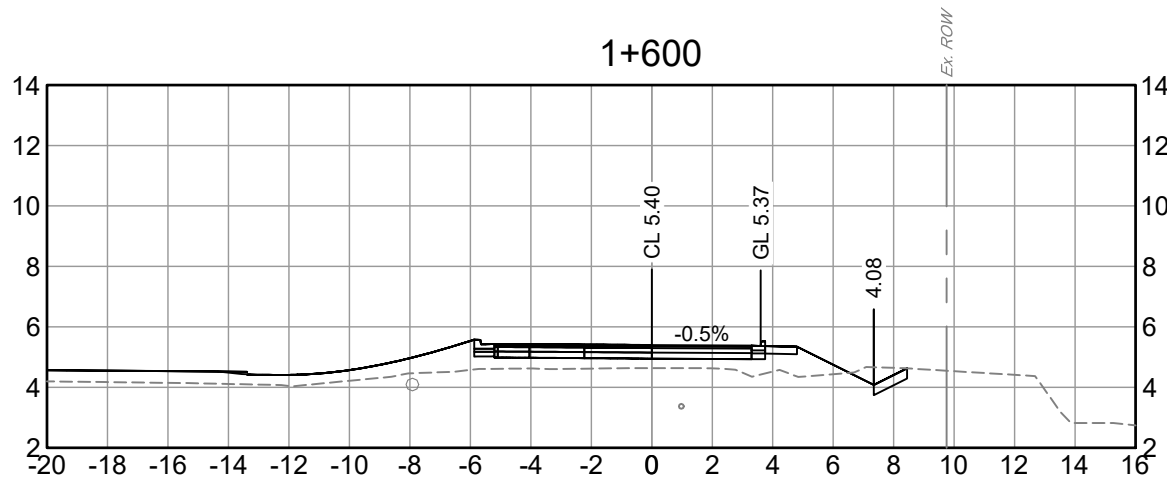
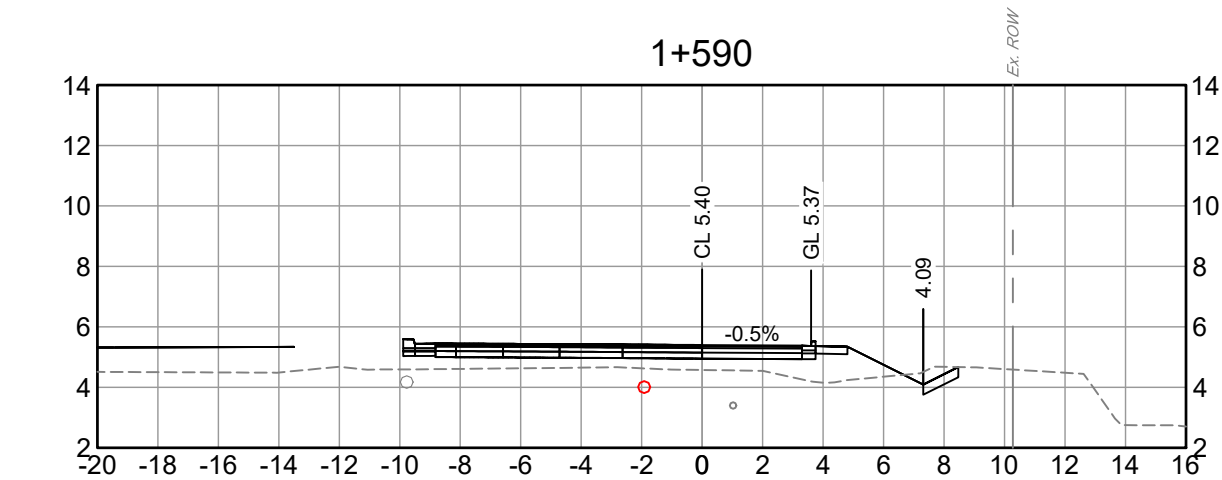
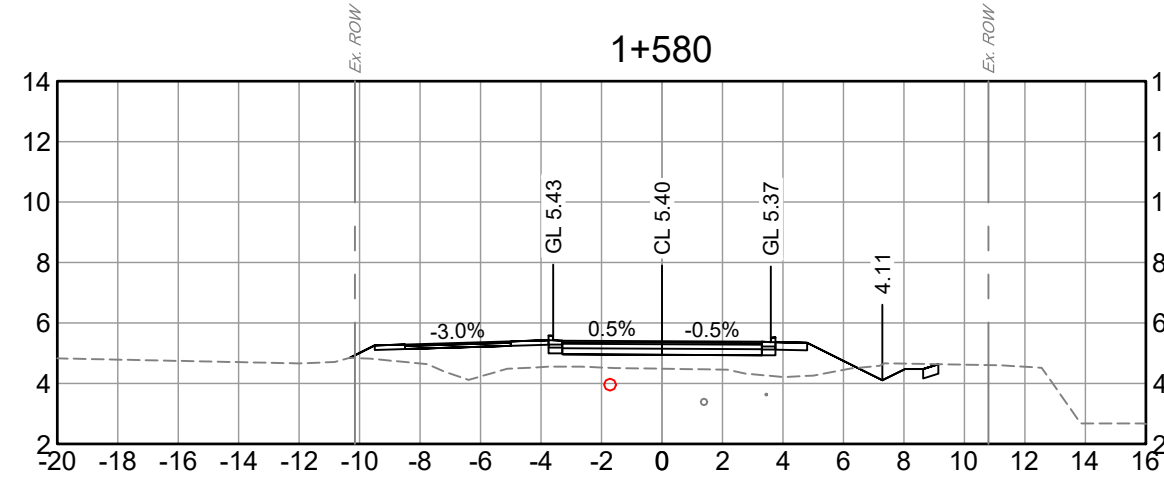
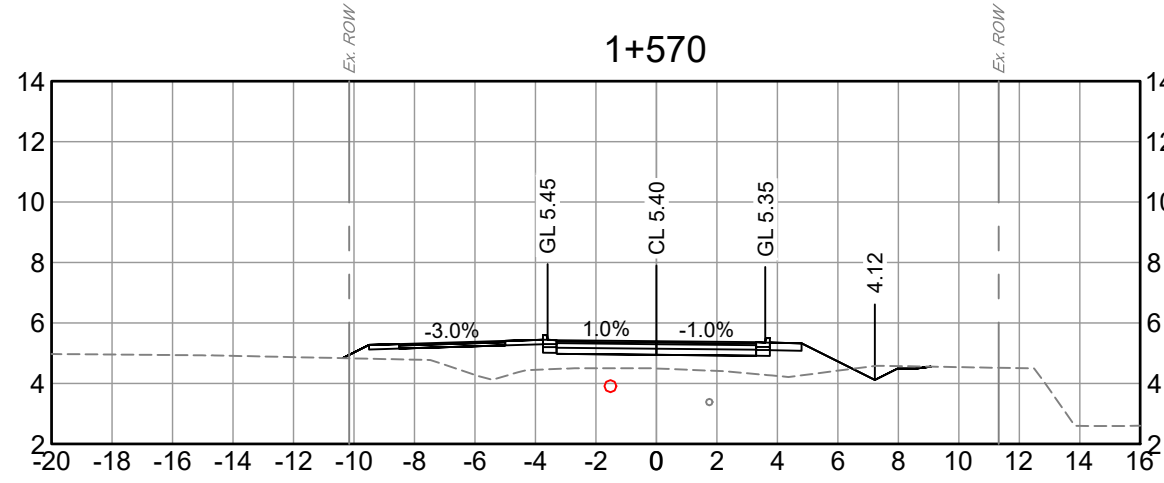
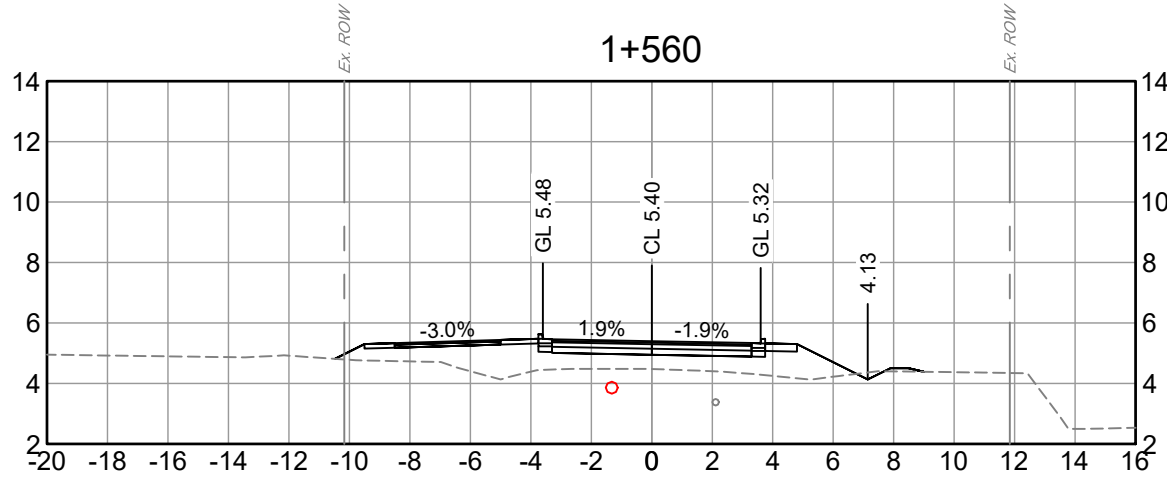
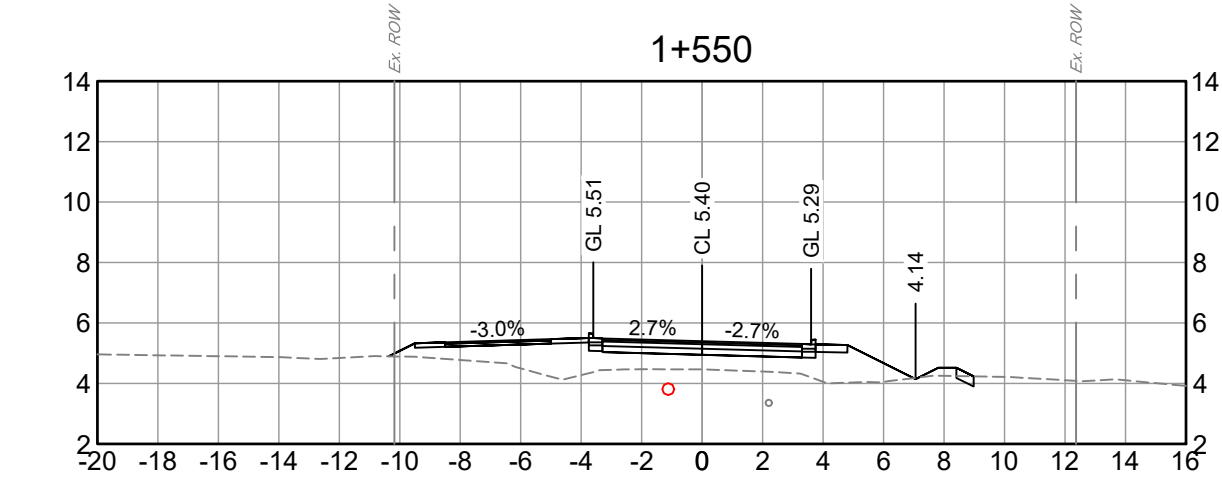
IFT DESIGN NO.

SCALE	1:250	CREATION DATE	2023/07/06
DRAWN BY	GA	DESIGN BY	CJB
CHECKED BY	CJB	APPROVED BY	CJB

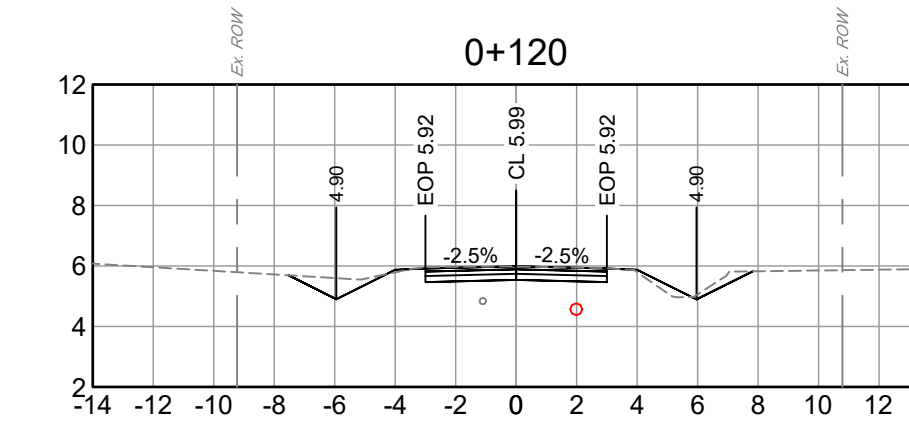
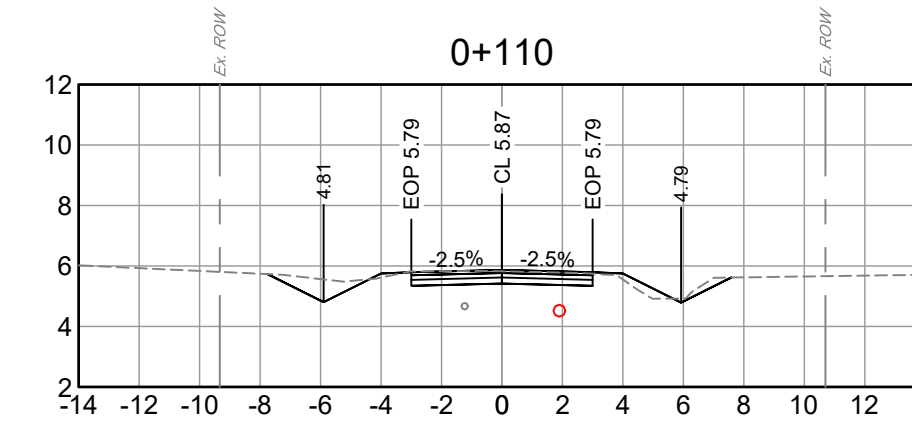
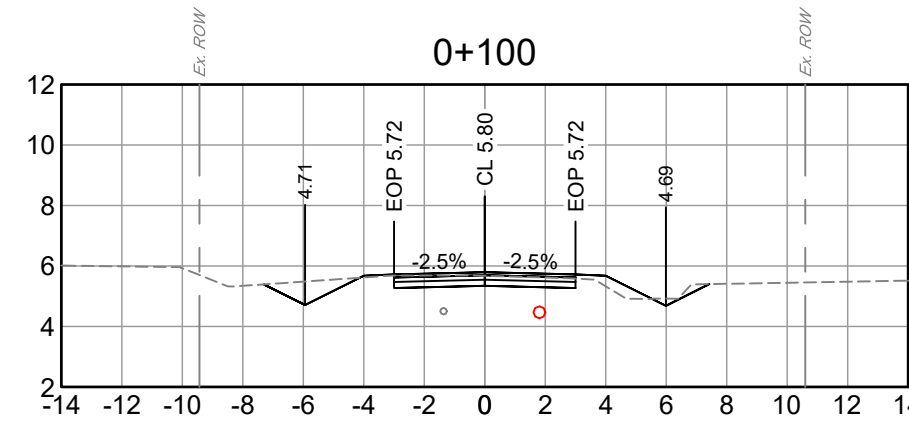
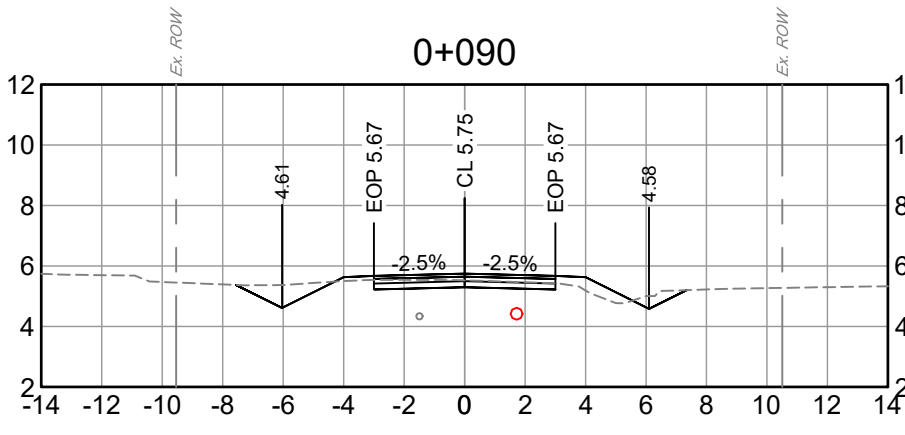
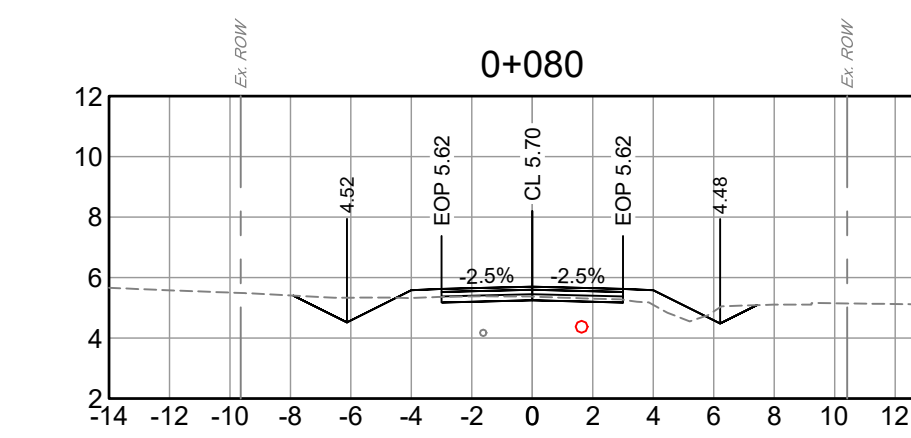
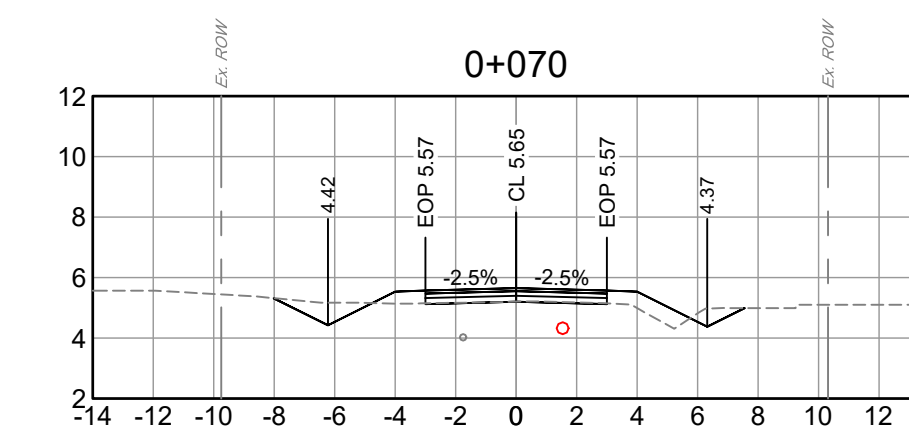
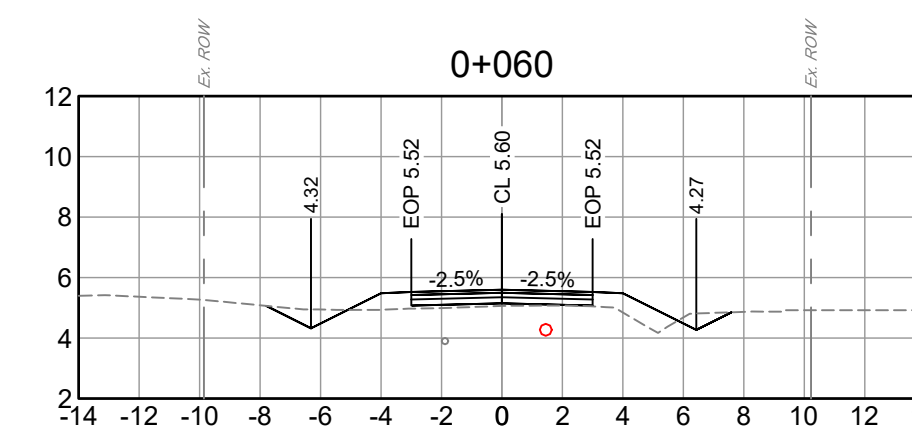
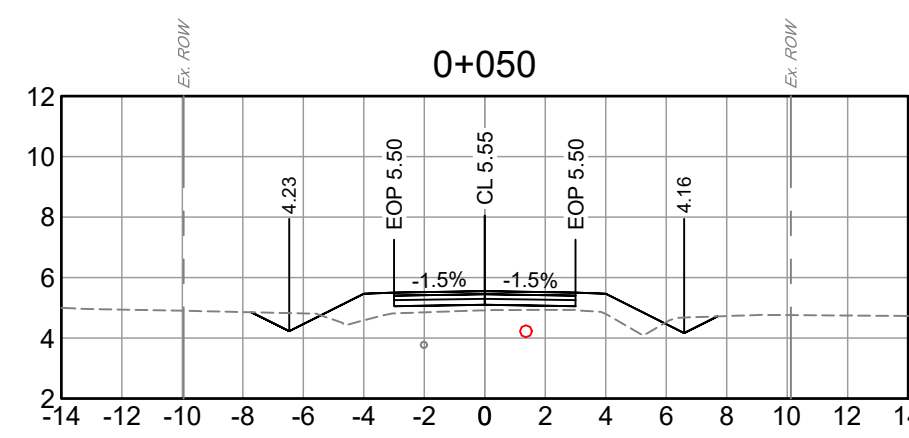
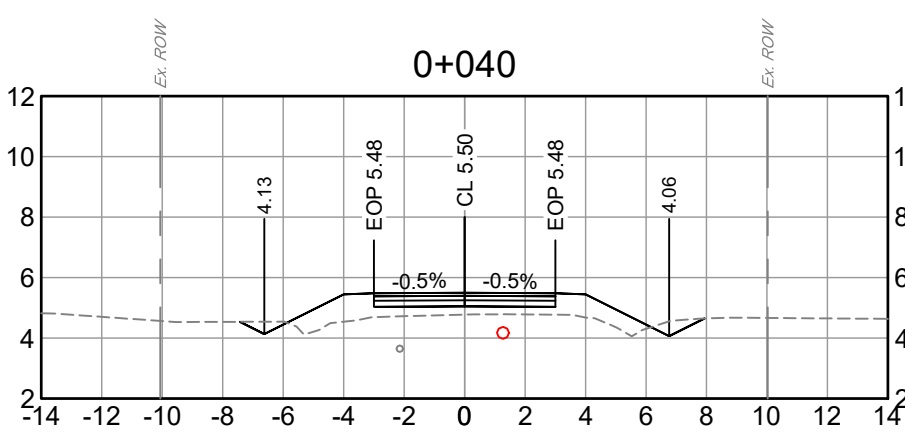
DWG. NO.	46
OF	48
REV.	A

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GILLEYS TRAIL

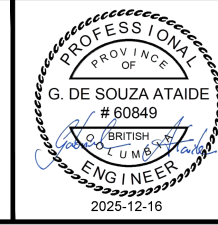


PLOT DATE: May 7, 2025

REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPR'D
A	ISSUED FOR TENDER	2025/12/16	GA	CJB



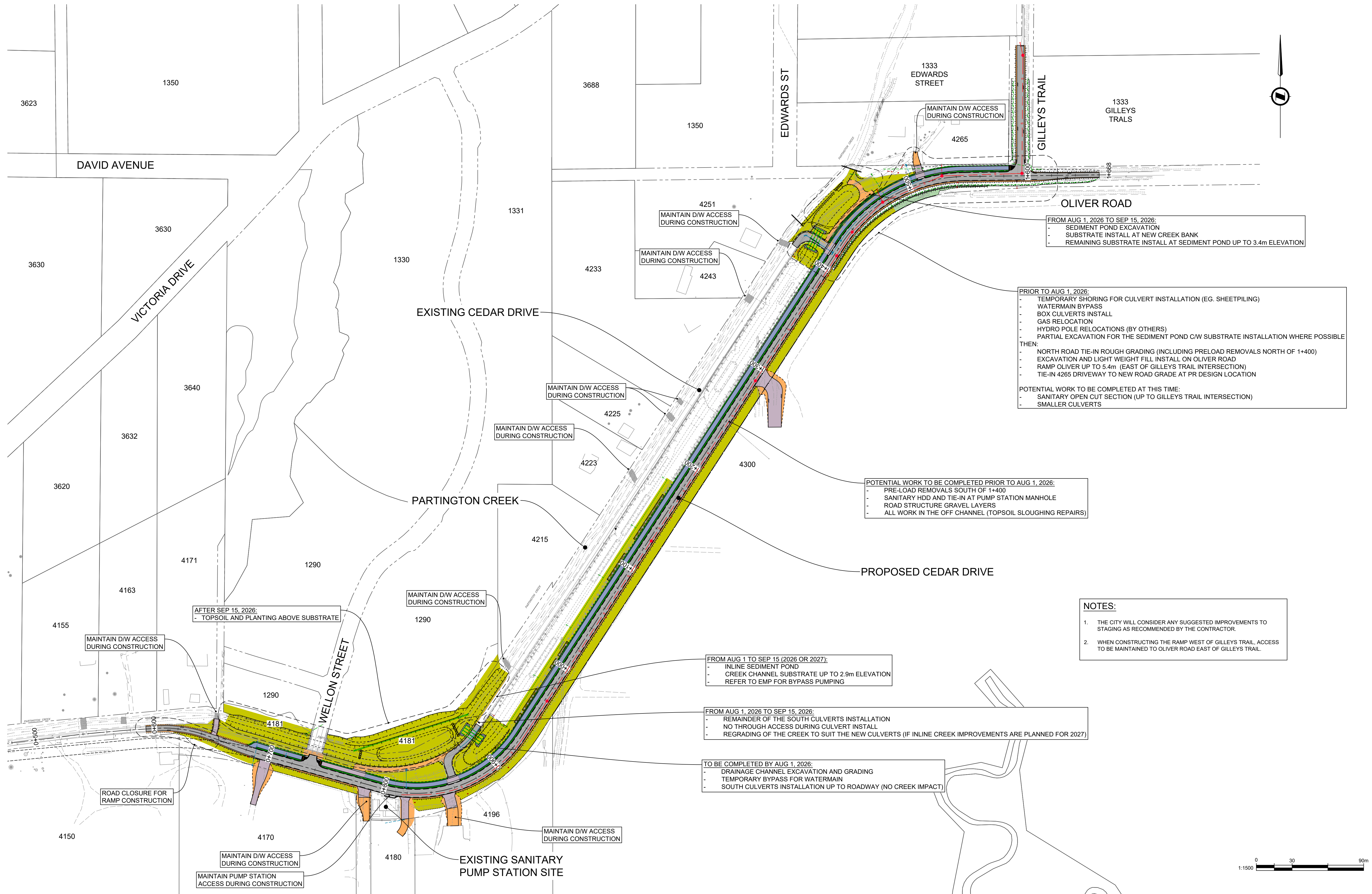
CROSS STA 1+550 TO 1+650 & GILLEYS TRAIL SECTIONS CEDAR DRIVE UPGRADES - PHASE 2



IFT		DESIGN NO.		DWG. NO. 47 OF 48 REV. A
SCALE	1:250	CREATION DATE	2023/07/06	
DRAWN BY	GA	DESIGN BY	CJB	
CHECKED BY	CJB	APPROVED BY	CJB	

33527

File: C:\ADS\ACAD\Drawings\33527_Cedar Drive Upgrades\33527_S1_Phase 2_Traffic Staging.dwg

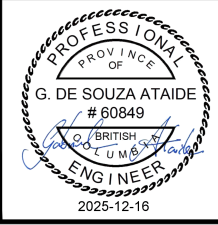


- NOTES:**
1. THE CITY WILL CONSIDER ANY SUGGESTED IMPROVEMENTS TO STAGING AS RECOMMENDED BY THE CONTRACTOR.
 2. WHEN CONSTRUCTING THE RAMP WEST OF GILLEY'S TRAIL, ACCESS TO BE MAINTAINED TO OLIVER ROAD EAST OF GILLEY'S TRAIL.

PLOT DATE: December 10, 2025				
REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPR'D
A	ISSUED FOR TENDER	2025/12/16	GA	CJB



TRAFFIC AND CONSTRUCTION STAGING PLAN
CEDAR DR UPGRADES - PHASE 2



IFT DESIGN NO.		33527	
SCALE	AS SHOWN	CREATION DATE	2023/07/06
DRAWN BY	GA	DESIGN BY	CJB
CHECKED BY	CJB	APPROVED BY	CJB
		DWG. NO.	
		48 OF 48	
		REV. A	