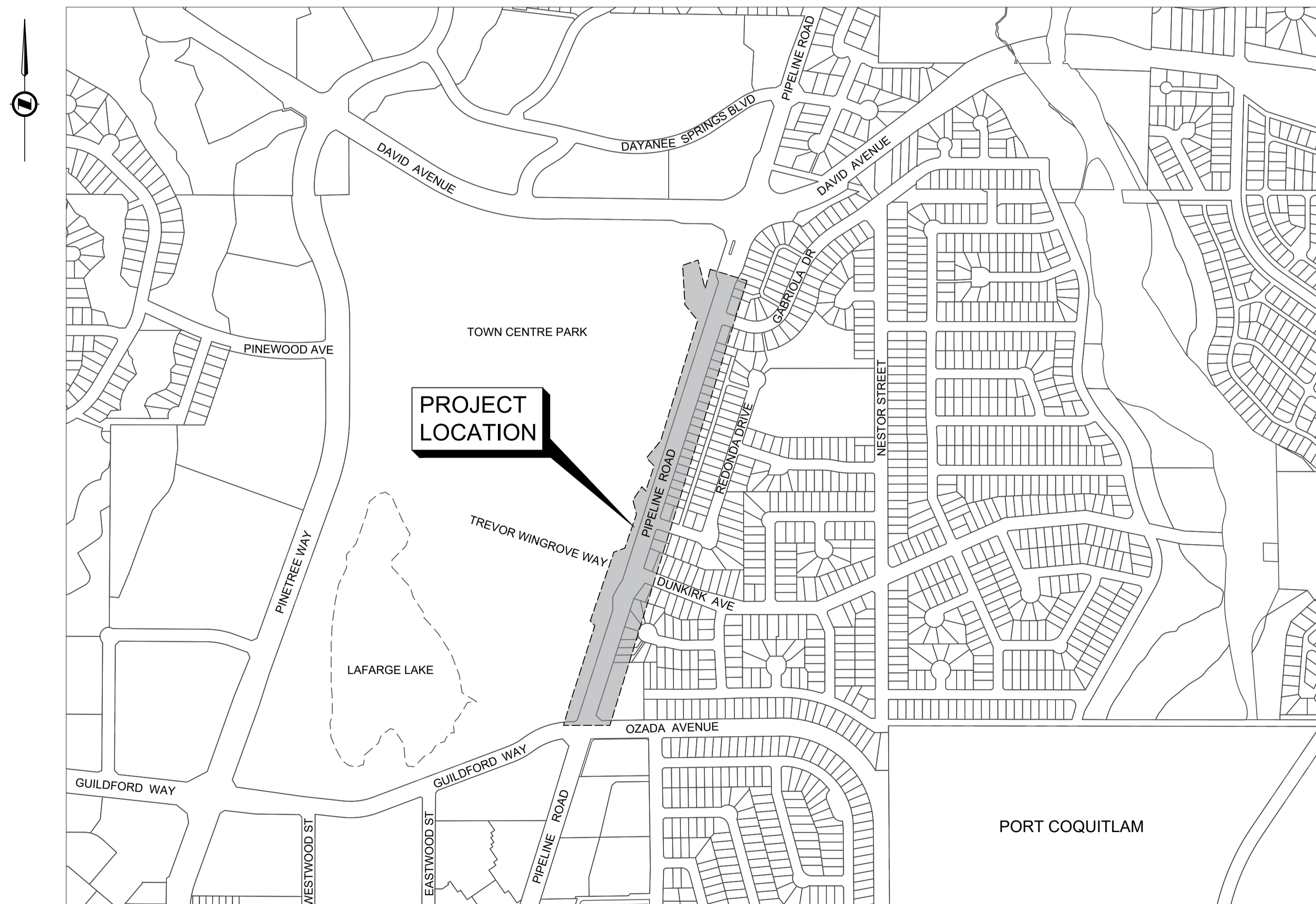




PIPELINE ROAD IMPROVEMENTS PHASE 1 ISSUED FOR TENDER PROJECT #74770

DRAWING SCHEDULE			
CATEGORY	DWG NO.	SHEET TITLE	REV. NO.
GENERAL	00	COVER	B
	01	NOTES	B
	02	KEYPLAN	B
	03	TYPICAL SECTION	B
	04	DETAILS	B
REMOVALS	05	STA 10+120 TO STA 10+630	B
	06	STA 10+630 TO STA 11+110	B
ROADWORKS	07	STA 10+060 TO STA 10+340	B
	08	STA 10+340 TO STA 10+630	B
	09	STA 10+630 TO STA 10+900	B
INTERSECTIONS	10	DUNKIRK AVE INTERSECTION	B
	11	REDONDA DRIVE INTERSECTION	B
	12	GABRIOLA DRIVE INTERSECTION	B
PAVEMENT MARKINGS	13	STA 10+180 TO STA 10+400	B
	14	STA 10+400 TO STA 10+780	B
	15	STA 10+780 TO STA 11+160	B
SIGNAGE	16	STA 10+180 TO STA 10+400	B
	17	STA 10+400 TO STA 10+780	B
	18	STA 10+780 TO STA 11+160	B
STORM	19	STA 10+210 TO STA 10+590	B
	20	STA 10+590 TO STA 10+910	B
WATER	21	WATER SERVICES	B
LANDSCAPING	22	SOILS PLAN	B
	23	TREE PLANTING	B
	24	SHRUB PLANTING	B
	25	SHRUB PLANTING 2	B
	26	LANDSCAPE DETAILS 1	B
	27	LANDSCAPE DETAILS 2	B
CROSS SECTIONS	28	STA 10+230 TO STA 10+380	B
	29	STA 10+390 TO STA 10+540	B
	30	STA 10+550 TO STA 10+700	B
	31	STA 10+710 TO STA 10+860	B
	32	STA 10+870 TO STA 10+900	B
IRRIGATION	33	STA 10+220 TO STA 10+390	A
	34	STA 10+390 TO STA 10+540	A
	35	STA 10+540 TO STA 10+700	A
	36	STA 10+700 TO STA 10+850	A
	37	STA 10+850 TO STA 10+11+020	A
ELECTRICAL	38	IRRIGATION DETAILS	A
	39-47	ELECTRICAL PLANS AND DETAILS	



LOCATION PLAN
SCALE 1:5000



GENERAL NOTES:

- ELEVATIONS ARE RELATIVE TO CVD28GVRD. HORIZONTAL COORDINATES ARE IN LOCAL PROJECT GROUND COORDINATES. REFER TO SURVEY CONTROL TABLE ON THIS SHEET PROVIDE.
- ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE PLATINUM EDITION (2009) OF THE MASTER MUNICIPAL CONSTRUCTION DOCUMENTS (MMCD) AND MMCD SUPPLEMENTARY UPDATES TO DATE AND CITY OF COQUITLAM SUPPLEMENTARY SPECIFICATIONS AND DETAIL DRAWINGS UNLESS OTHERWISE NOTED.
- RESIDENTS DIRECTLY AFFECTED BY CONSTRUCTION SHALL BE GIVEN AT LEAST 5 DAYS NOTICE PRIOR TO THE START OF CONSTRUCTION. IF CONSTRUCTION ENTERS ONTO PRIVATE PROPERTY, THE CONTRACTOR WILL REQUIRE WRITTEN AUTHORIZATION FROM THE PROPERTY OWNER PRIOR TO UNDERTAKING ANY WORK.
- THE LOCATION OF EXISTING UTILITIES IS COMPILED FROM OWNER AND UTILITY SUPPLIED RECORD DRAWINGS AND ARE CONSIDERED APPROXIMATE ONLY. THE EXACT LOCATION AND EXTENT OF UTILITIES SHOULD BE DETERMINED BY CONSULTING THE LOCAL AUTHORITIES AND UTILITY COMPANIES CONCERNED. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION AND INVERT ELEVATION BY HAND OR HYDROVAC EXCAVATION BEFORE CONSTRUCTION OF UTILITY CROSSINGS AND SHALL BE RESPONSIBLE FOR RESTORATION OF ANY DAMAGE TO EXISTING UTILITIES. ANY COSTS ASSOCIATED WITH UTILITY CONFLICTS THAT WERE NOT PRELOCATED WILL BE THE CONTRACTORS RESPONSIBILITY.
- THE CONTRACTOR IS TO NOTIFY THE CITY OF COQUITLAM 48 HOURS IN ADVANCE OF ANY CONSTRUCTION OR UTILITY RELOCATION/CONFLICTS.
- REPORT ANY DISCREPANCIES TO THE CONTRACT ADMINISTRATOR A MIN 72 HOURS PRIOR TO CONSTRUCTION.
- ALL SURVEY MONUMENTS WITHIN THE PROJECT BOUNDARIES SHALL BE PROTECTED DURING THE COURSE OF THE WORK. SHOULD ANY SURVEY MONUMENT REQUIRE RAISING OR RELOCATION, THE CONTRACTOR SHALL NOTIFY THE CITY ENGINEERING AND OPERATIONS DEPARTMENT AT LEAST 72 HOURS IN ADVANCE OF SCHEDULING WORK. ALL DISTURBED MONUMENTS WILL BE REPLACED BY A B.C. LAND SURVEYOR AT THE CONTRACTORS EXPENSE.
- SURVEY PINS DISTURBED DURING THE COURSE OF CONSTRUCTION SHALL BE REPLACED BY A B.C. LAND SURVEYOR AT THE CONTRACTORS EXPENSE.
- ALL PUBLIC ROADWAYS AFFECTED BY THE WORKS SHALL BE KEPT IN A CLEAN STATE AT ALL TIMES. DUST CONTROL MEASURES SHALL ALSO BE EMPLOYED DURING THE COURSE OF THE WORK.
- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES, AND FOR COORDINATING THE VARIOUS PARTS OF THE WORK. THE CONTRACTOR IS RESPONSIBLE TO ENSURE THAT THERE IS NO DISRUPTION TO SERVICE, AND IF DISRUPTION IS ANTICIPATED, TO NOTIFY THE CONTRACT ADMINISTRATOR A MINIMUM OF 72 HOURS PRIOR, AND OBTAIN APPROVAL FOR THE DISRUPTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DISPOSAL OF ALL EXCAVATED MATERIAL UNSUITABLE FOR REUSE AT A SUITABLE OFF-SITE DISPOSAL AREA, IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.
- THE CONTRACTOR SHALL PROVIDE TEMPORARY UTILITY POLE SUPPORTS NECESSARY TO COMPLETE THE WORKS AS AN INCIDENTAL ITEM TO GENERAL CONTRACT REQUIREMENTS WHERE AND AS REQUIRED.
- CONTRACTOR TO MAINTAIN AN UP TO DATE SET OF AS-CONSTRUCTED DRAWINGS AT ALL TIMES. AS-CONSTRUCTED DRAWINGS TO BE DELIVERED TO THE CONTRACT ADMINISTRATOR AT SUBSTANTIAL PERFORMANCE FOR PREPARATION OF FINAL RECORD DRAWINGS. THE CONTRACT ADMINISTRATOR SHALL BE PROVIDED ACCESS TO REVIEW THE AS-CONSTRUCTED DRAWINGS AT ALL TIMES TO CONFIRM THEY ARE UP TO DATE.
- THE CONTRACTOR SHALL MAINTAIN AND MONITOR THE PROVISIONS FOR EROSION CONTROL AND SEDIMENT AS PER THE CITY BYLAW 4403, 2013 AND AS PER THE CONTRACT DOCUMENTS.

CONCRETE NOTES:

- ALL CONCRETE FLATWORK IS TO BE BROOM FINISH.

TRAFFIC MANAGEMENT, NOTIFICATION AND APPROVALS NOTES:

- THE CONTRACTOR SHALL PROVIDE CONSTRUCTION SIGNAGE, BARRIERS, FLASHING INDICATORS, ETC. AT ALL TIMES TO ENSURE THE SAFETY OF THE PUBLIC. THE CONTRACTOR SHALL COMPLY WITH ALL TRAFFIC REQUIREMENTS AS SPECIFIED WITHIN THE CONTRACT DOCUMENTS. NO ROAD SHALL BE CLOSED WITHOUT THE WRITTEN CONSENT OF THE DIRECTOR OF ENGINEERING AND OPERATIONS.
- THE CONTRACTOR SHALL ENSURE THAT ALL APPROVALS REQUIRED FOR THE PROPOSED WORKS HAVE BEEN OBTAINED FROM ALL AUTHORITIES AND AGENCIES PRIOR TO COMMENCING THE WORK.
- THE CONTRACTOR SHALL CONTACT THE APPROPRIATE PERSONNEL AT LEAST 72 HOURS PRIOR TO THE WORK. SCHEDULING AND OTHER CONSTRUCTION CONSTRAINTS IMPOSED BY THESE WORKS SHALL BE TAKEN INTO ACCOUNT.
- A TRAFFIC AND PEDESTRIAN SAFETY CONTROL PLAN SHALL BE SUBMITTED BY THE CONTRACTOR PRIOR TO THE PRE-CONSTRUCTION MEETING.
- APPROVALS FOR REQUIRED TREE CUTTING OR TRIMMING NOT INDICATED IN CONTRACT DRAWINGS SHALL BE OBTAINED BY THE CONTRACTOR FROM THE CITY PRIOR TO WORK BEING PERFORMED.
- CONTRACTOR TO OBTAIN APPROVED LANE CLOSURE REQUEST FORM FOR ALL WORKS. APPROVED REQUESTS ARE CIRCULATED TO ALL EMERGENCY SERVICES.
- CONTRACTOR TO SUBMIT A TRAFFIC MANAGEMENT PLAN WITH LANE CLOSURE REQUEST FOR ALL MAJOR ROADS AND ANY LOCAL ROADS WHICH REQUIRE ANY DETOURS.
- ALL TRAFFIC CONTROL TO CONFORM TO THE LATEST EDITION OF THE BC TRAFFIC CONTROL MANUAL FOR WORK ON ROADWAYS.
- APPROVAL OF NOISE VARIANCE FOR ALL WORK OUTSIDE OF NORMAL APPROVED WORK HOURS REQUIRED BY THE CITY.
- NOTICE OF CONSTRUCTION SIGNS TO BE INSTALLED AT ALL PROJECT LIMITS AND PREFERRED DETOUR ROUTE. NOTIFY CONTRACT ADMINISTRATOR WITH CONSTRUCTION SCHEDULE AND LOCATIONS. SIGNS PROVIDED AND INSTALLED BY THE CONTRACTOR.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR COMPLETION OF ALL TAPED TEMPORARY AND PERMANENT PAINT AND THERMOPLASTIC PAVEMENT MARKINGS IN THE PLACE OF THE WORK. PERMANENT LANE MARKINGS ARE TO BE PLACED WITHIN SEVENTY-TWO (72) HOURS OF FINAL PAVING AND PERMANENT THERMOPLASTIC PAVEMENT MARKINGS ARE TO BE PLACED WITHIN FIVE (5) DAYS OF FINAL PAVING. ALL TEMPORARY MARKINGS TO BE REMOVED IMMEDIATELY FOLLOWING PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE TRAFFIC MANAGEMENT DETAILED SPECIFICATIONS IN THE CONTRACT DOCUMENTS.

STORM AND SANITARY SEWER NOTES:

- NO CHANGES TO BE MADE TO PIPES, MANHOLES, OR ALIGNMENT WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE CONTRACT ADMINISTRATOR.
- THE CONTRACTOR IS TO EXPOSE EXISTING WATERMANS, STORM AND SANITARY SEWERS AT TIE-IN LOCATION AND ALL EXISTING UTILITIES BETWEEN. UTILITY DEPTHS AND LOCATIONS ARE TO BE RECORDED AND FORWARDED TO THE CONTRACT ADMINISTRATOR FOR REVIEW.
- PARALLEL LINES: WATERMANS SHOULD BE LAID AT LEAST 3m HORIZONTALLY FROM ANY SANITARY OR STORM SEWER. WHERE THIS HORIZONTAL SEPARATION IS NOT POSSIBLE, THE BOTTOM OF THE WATERMAIN SHOULD BE AT LEAST 45cm ABOVE THE TOP OF THE SEWER AND SUFFICIENTLY TO ONE SIDE OF THE SEWER TO ALL FOR SEWER REPAIRS WITHOUT DISTURBING THE WATERMAIN. IF THIS VERTICAL SEPARATION IS NOT POSSIBLE, THE SEWER SHOULD BE OF THE SAME SERVICE CAPABILITY AS THE WATERMAIN, WITH PRESSURE CLASS JOINTS DESIGNED TO REMAIN WATERTIGHT IF THE GROUNDWATER TABLE PERIODICALLY RISES ABOVE THE SEWER, AND ARE PRESSURE TESTED BEFORE BACKFILLING. OTHER PRECAUTIONS, SUCH AS A WATERMAIN WITH IMPROVED JOINTS AND HIGHER STRENGTH MAY BE NEEDED.
 - WRAPPED WITH HEAT SHRINK PLASTIC OR
 - PACKED WITH INERT PETROLATUM COMPOUND AND WRAPPED IN TAPE IN ACCORDANCE WITH ANSII/AWWA STANDARDS C209 AND C217-90.
- 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:
 - FOR SERVICE CONNECTIONS, WHEREVER POSSIBLE, THE ABOVE CONSTRUCTION PRACTICES SHOULD ALSO BE APPLIED.
- FIGURED DIMENSION SHALL GOVERN OVER SCALED DIMENSIONS.
- REFER TO COQ STD. DWG. COQ-G4 FOR UTILITY TRENCH DETAIL.
- STORM SEWER MATERIALS ARE TO CONFORM TO THE MMCD SPECIFICATIONS.
- ALL PIPE SIZES INDICATED REFER TO MINIMUM INSIDE DIAMETER DIMENSIONS.
- ALL CATCH BASINS SHALL BE AS PER COQ STD. DWG. COQ-S11A.
- 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.



32524

IFT DESIGN NO.

PLOT DATE: January 21, 2025

REV NO	REVISIONS	DATE	DRAWN	APPRD
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B	ISSUED FOR TENDER	2025/01/21	PM	CJB



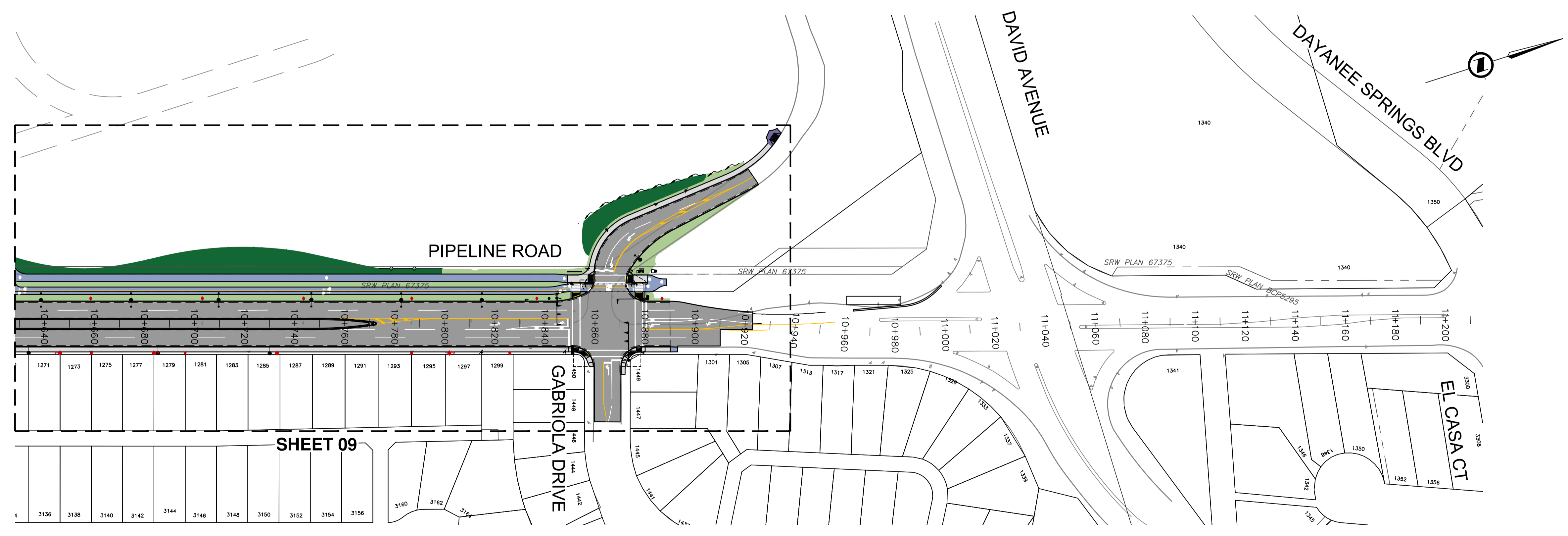
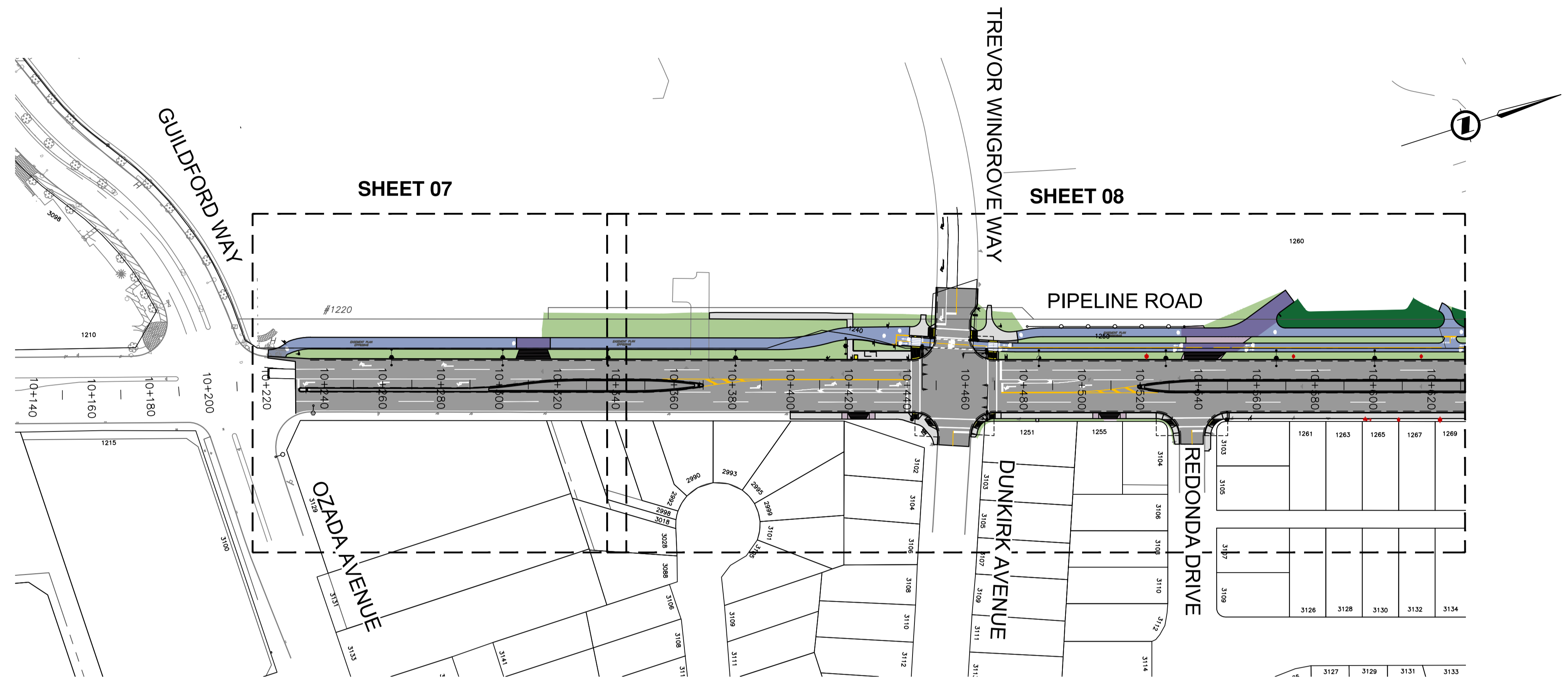
**GENERAL NOTES
PIPELINE ROAD IMPROVEMENTS**



#201, 3999 Henning Drive, Burnaby, B.C. V5C 6P9
T: (604)629-2996 F: (604)629-2998

SCALE	AS SHOWN	CREATION DATE	2424/11/01	DWG. NO.
DRAWN BY	PM	DESIGN BY	CJB	01 OF 47
CHECKED BY	CJB	APPROVED BY	CJB	REV. B

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KEY PLAN
SCALE 1:1000



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PLOT DATE: January 19, 2025

REV NO	REVISIONS	DATE	DRAWN	APPRD
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B	ISSUED FOR TENDER	2025/01/21	PM	CJB



ROAD WORKS

KEY PLAN
PIPELINE ROAD IMPROVEMENTS



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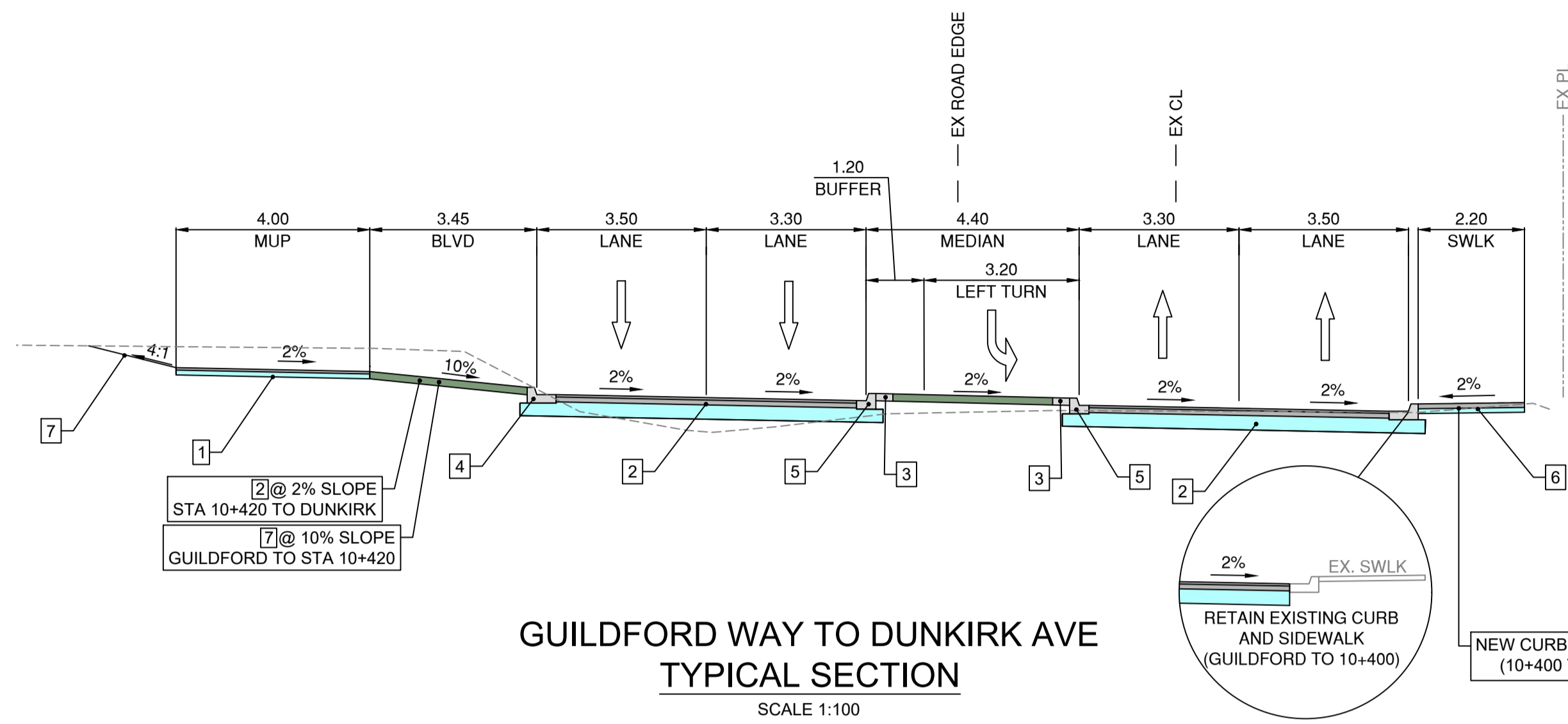
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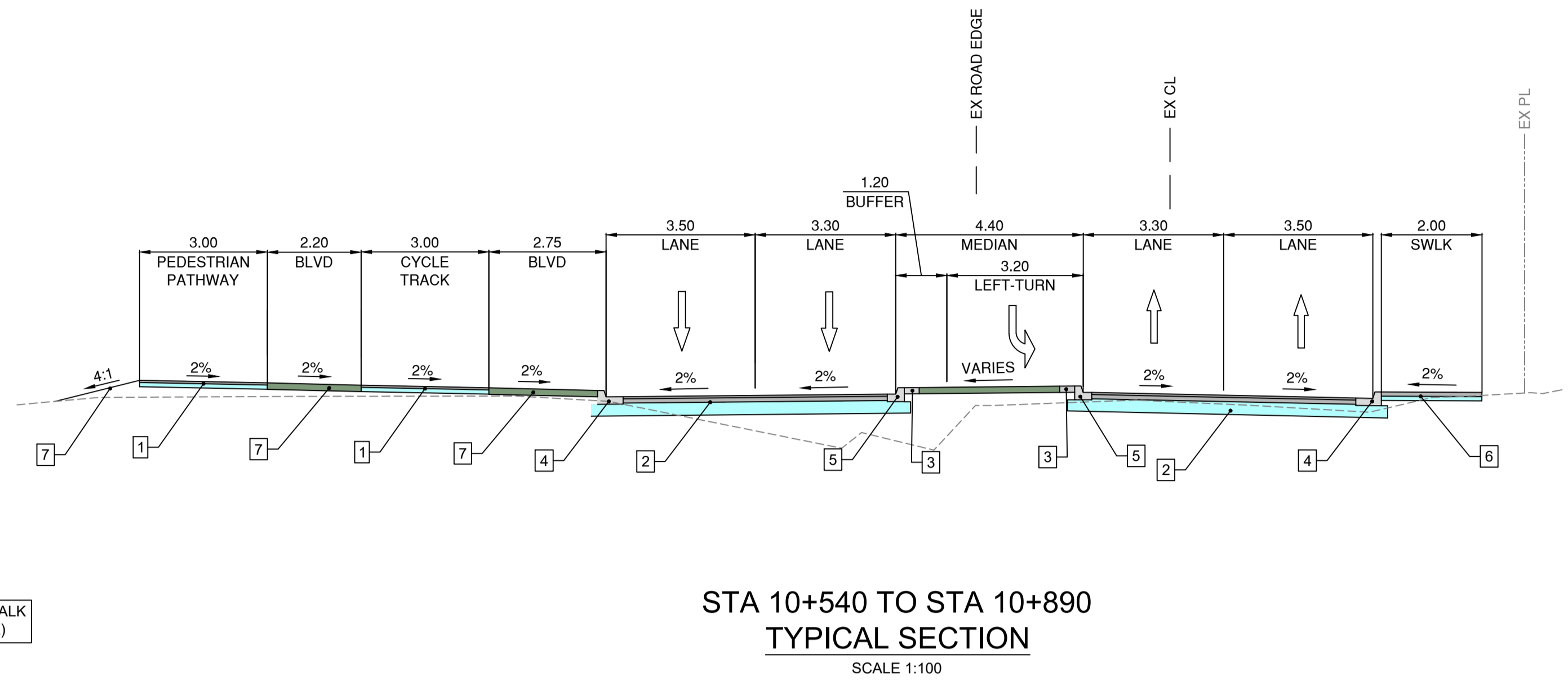
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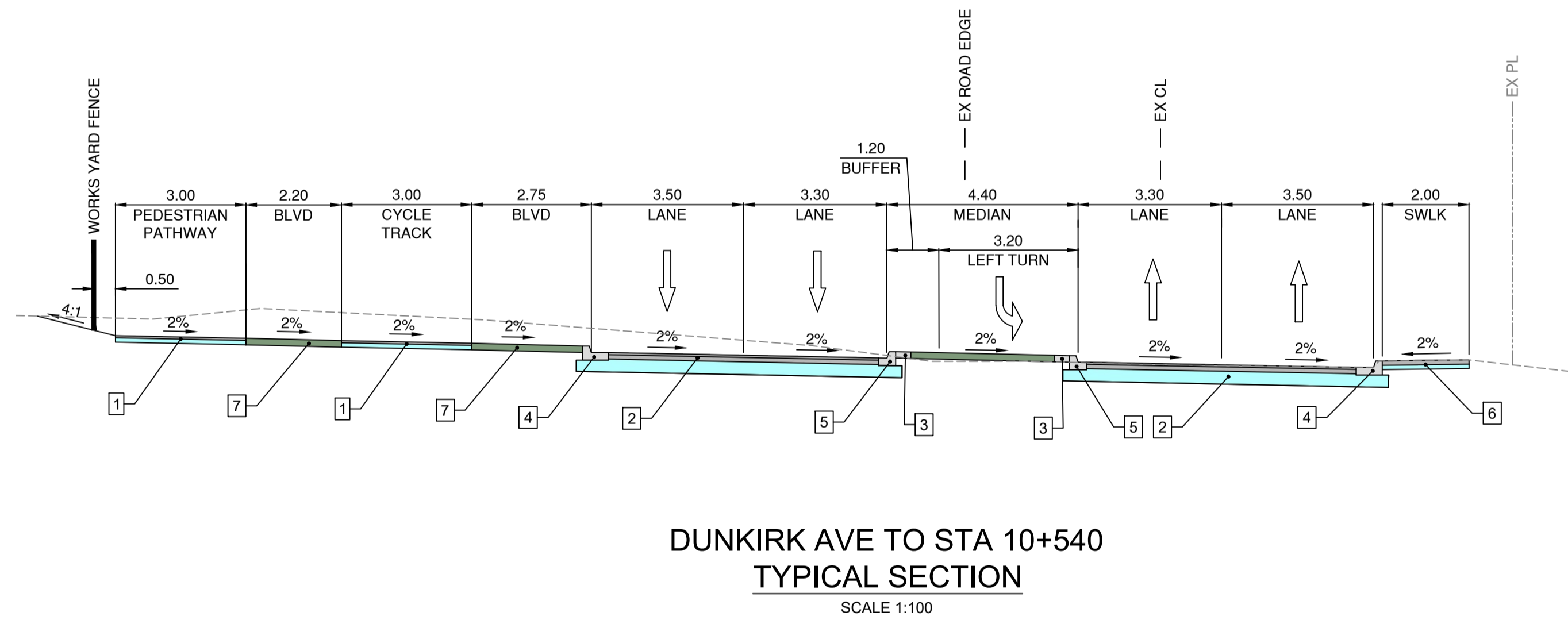
DESTROY ALL PRINTS BEARING PREVIOUS NO.



GUILDFORD WAY TO DUNKIRK AVE
TYPICAL SECTION
SCALE 1:100



STA 10+540 TO STA 10+890
TYPICAL SECTION
SCALE 1:100



DUNKIRK AVE TO STA 10+540
TYPICAL SECTION
SCALE 1:100

- 1 ASPHALT PATHWAY
 - REFER TO LANDSCAPE SOILS PLAN FOR STRUCTURAL SOIL DETAILS AND LIMITS
 - 100mm OF 19mm MINUS CRUSHED GRANULAR BASE COMPACTED TO >95% MODIFIED PROCTOR DENSITY (OPTIONAL AS DIRECTED BY CA)
 - 50mm OF MMCD UPPER COURSE #2 ASPHALT COMPACTED TO >97% OF 75 BLOW MARSHALL
- 2 ASPHALT ROAD
 - 250mm OF 75mm MINUS CRUSHED GRANULAR SUBBASE, COMPACTED TO >95% MODIFIED PROCTOR DENSITY (OPTIONAL AS DIRECTED BY CA)
 - 100mm OF 25mm MINUS CRUSHED GRANULAR BASE COMPACTED TO >95% MODIFIED PROCTOR DENSITY (OPTIONAL AS DIRECTED BY CA)
 - 65mm OF LOWER COURSE #1 MIXTURE, COMPACTED TO >97% OF 75 BLOW MARSHALL
 - 50mm OF 19mm MOTI CLASS 1, 19mm MEDIUM MIX WITH 80-100 GROUP A ASPHALT BINDER, COMPACTED TO >97% OF 75 BLOW MARSHALL
- 3 MEDIAN CONCRETE BAND
 - 100mm OF 19mm MINUS CRUSHED GRANULAR BASE COMPACTED TO >95% MODIFIED PROCTOR DENSITY
 - 100mm OF CONCRETE (BROOM FINISH)
- 4 NEW CONCRETE MMCD C5 CURB AND GUTTER
 - 100mm OF 25mm MINUS CRUSHED GRANULAR BASE COMPACTED TO >95% MODIFIED PROCTOR DENSITY
- 5 NEW CONCRETE NARROW CURB AND GUTTER
 - 100mm OF 25mm MINUS CRUSHED GRANULAR BASE COMPACTED TO >95% MODIFIED PROCTOR DENSITY
 - CONCRETE CURB PER DETAIL ON SHEET 04
- 6 CONCRETE SIDEWALK
 - 100mm OF 19mm MINUS CRUSHED GRANULAR BASE COMPACTED TO >95% MODIFIED PROCTOR DENSITY
 - 100mm OF CONCRETE (BROOM FINISH)
- 7 PROPOSED LANDSCAPING
 - REFER TO LANDSCAPE DESIGNS FOR DETAILS
- 8 EXISTING LAWN RESTORATION AS REQUIRED

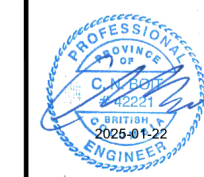
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Engineering & Public Works
3000 Guildford Way, Coquitlam, B.C. V3B 7N2

ROAD WORKS

TYPICAL SECTIONS
PIPELINE ROAD IMPROVEMENTS

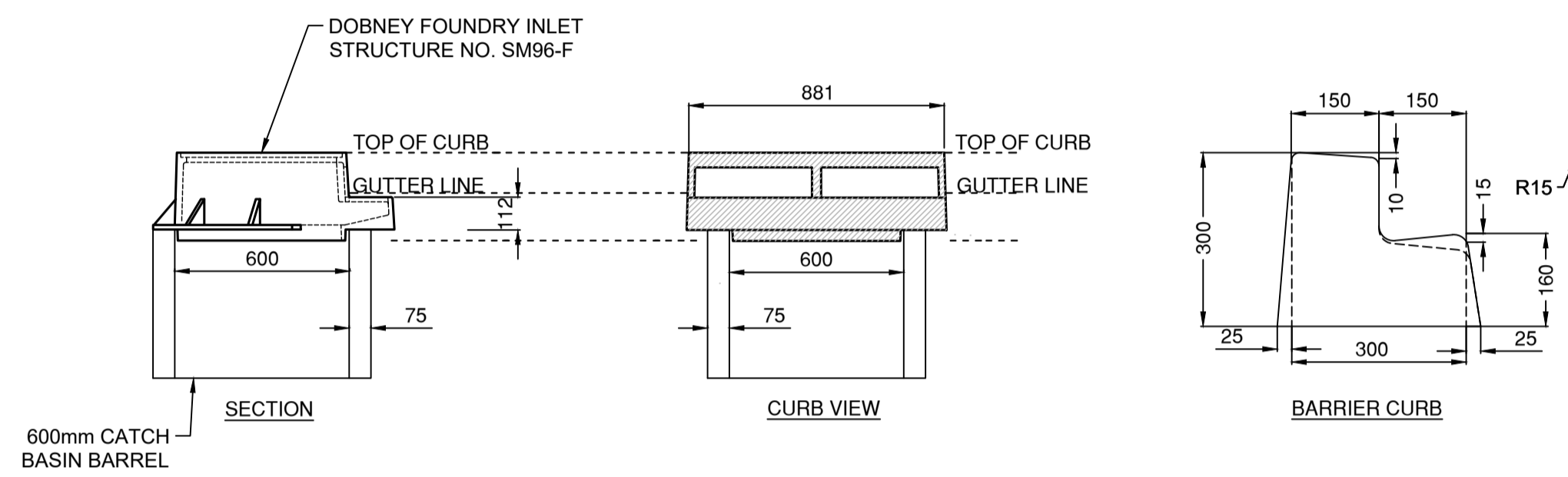
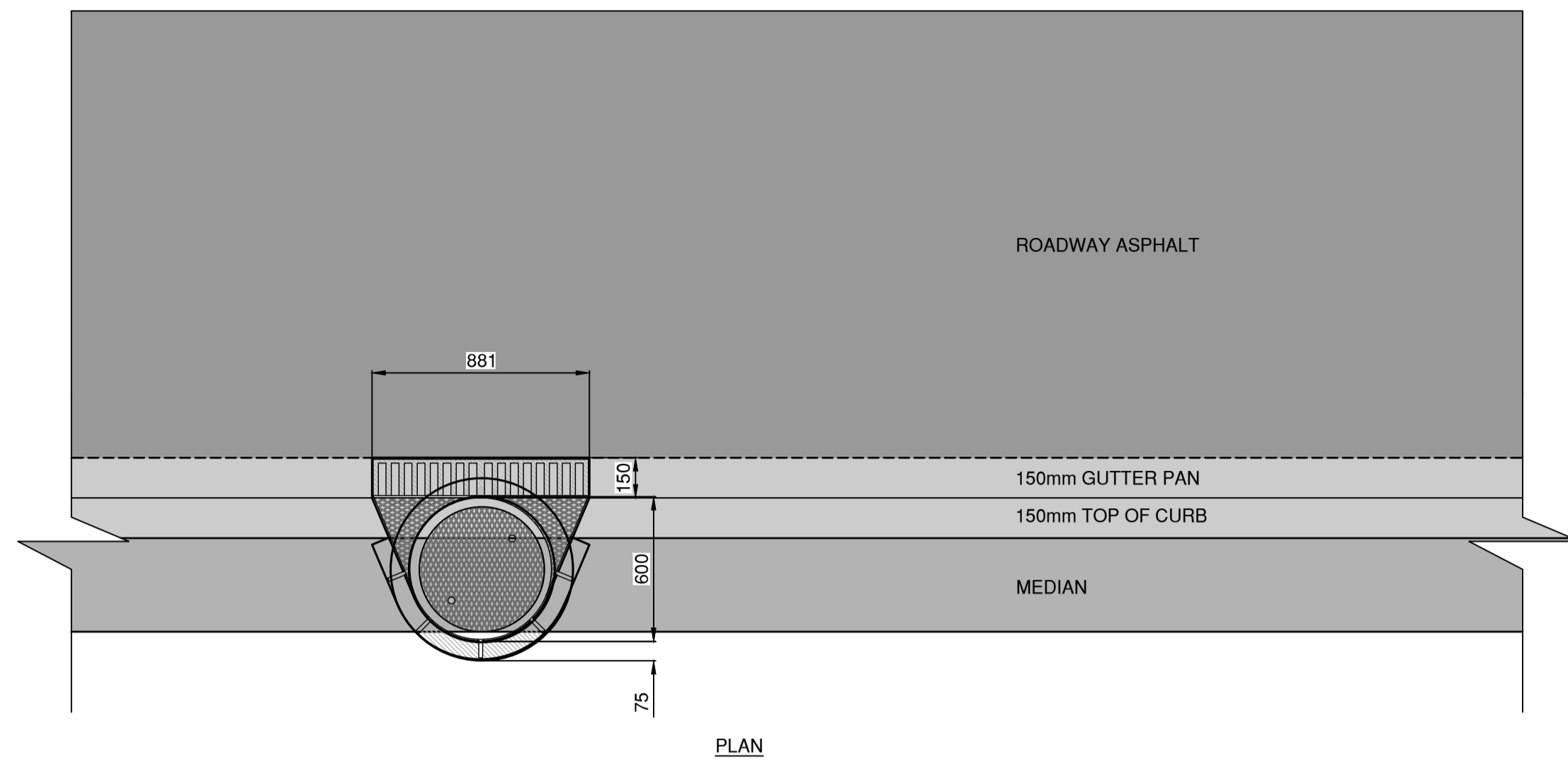


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T: (604)293-2026 F: (604)293-2028

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								REV. B	

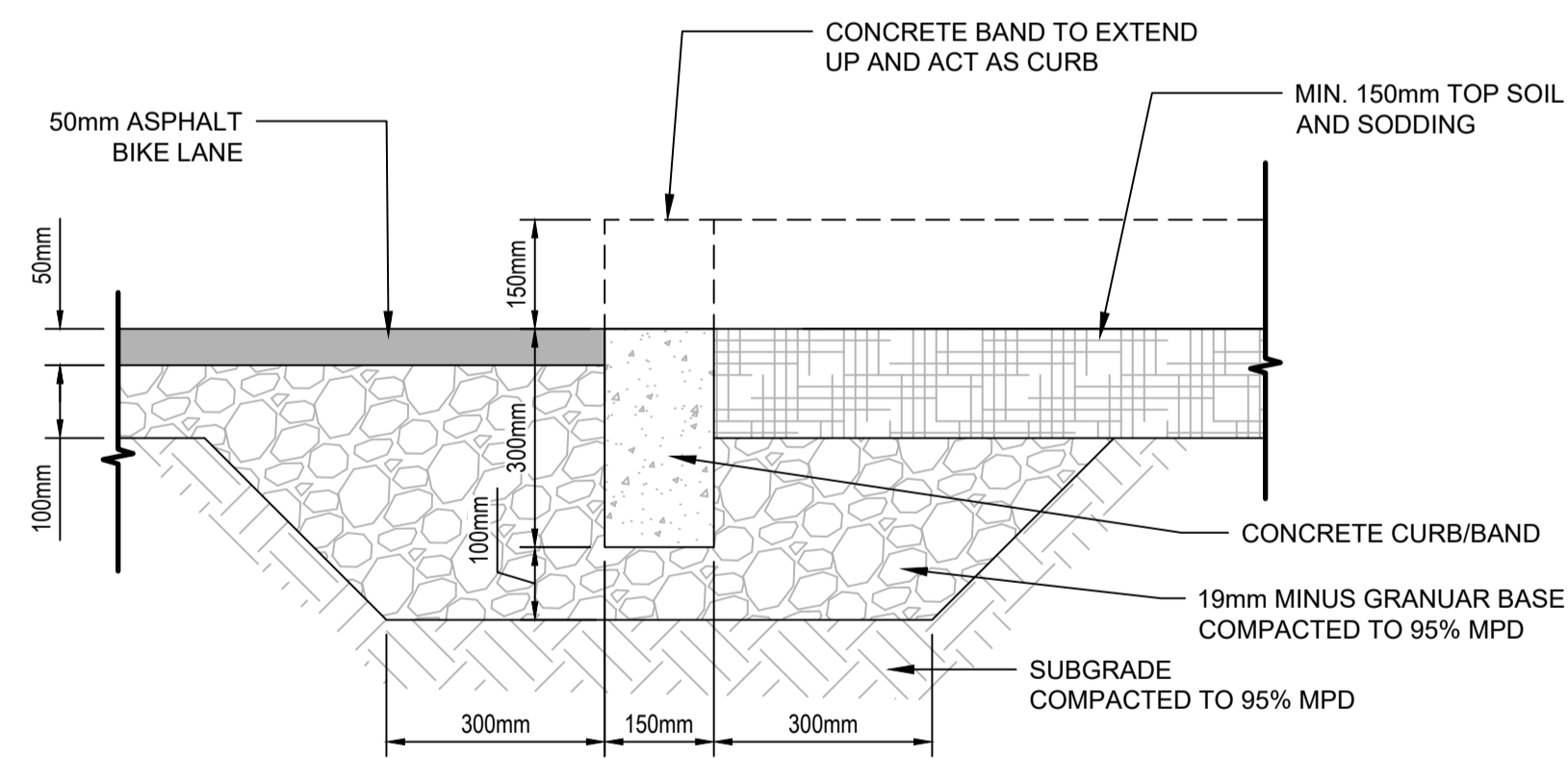
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IFT DESIGN NO.



MEDIAN CURB CATCH BASIN DETAIL

NTS



150mm CONCRETE CURB/BAND DETAIL

SCALE 1:10

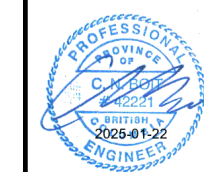
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B	ISSUED FOR TENDER	2025/01/21	PM	CJB

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

DETAILS
PIPELINE ROAD


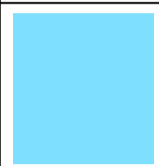

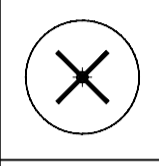
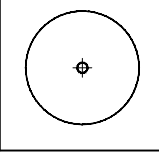


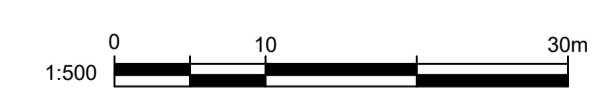
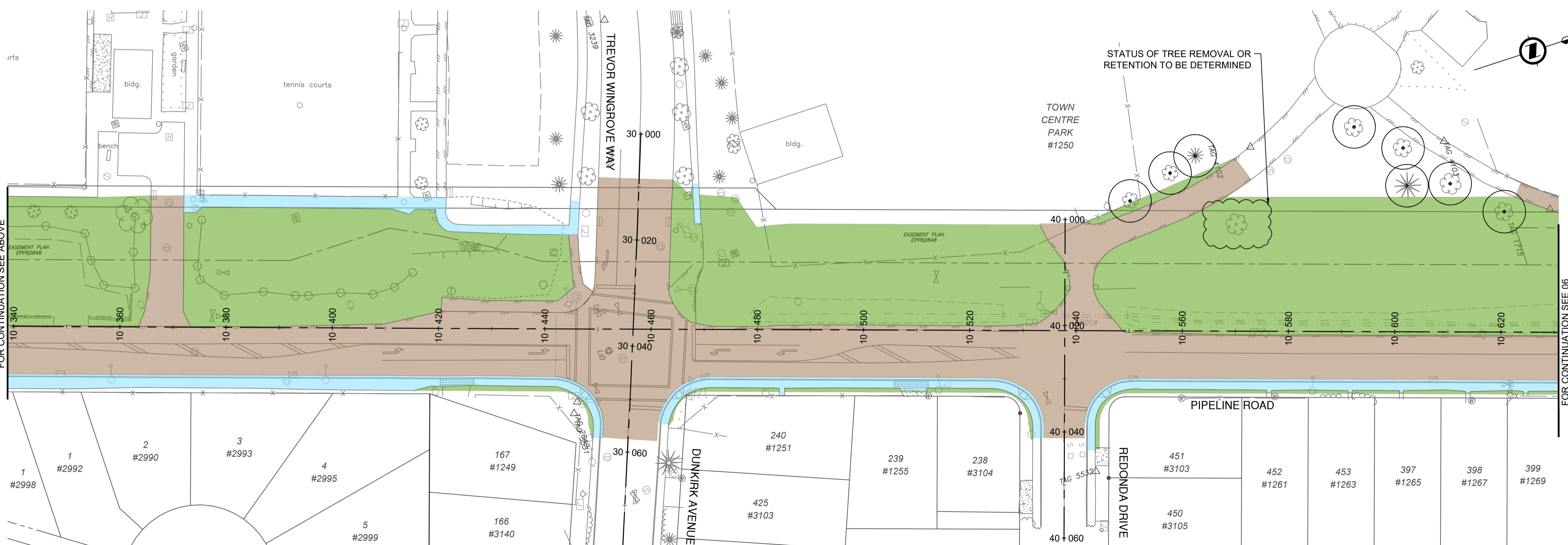
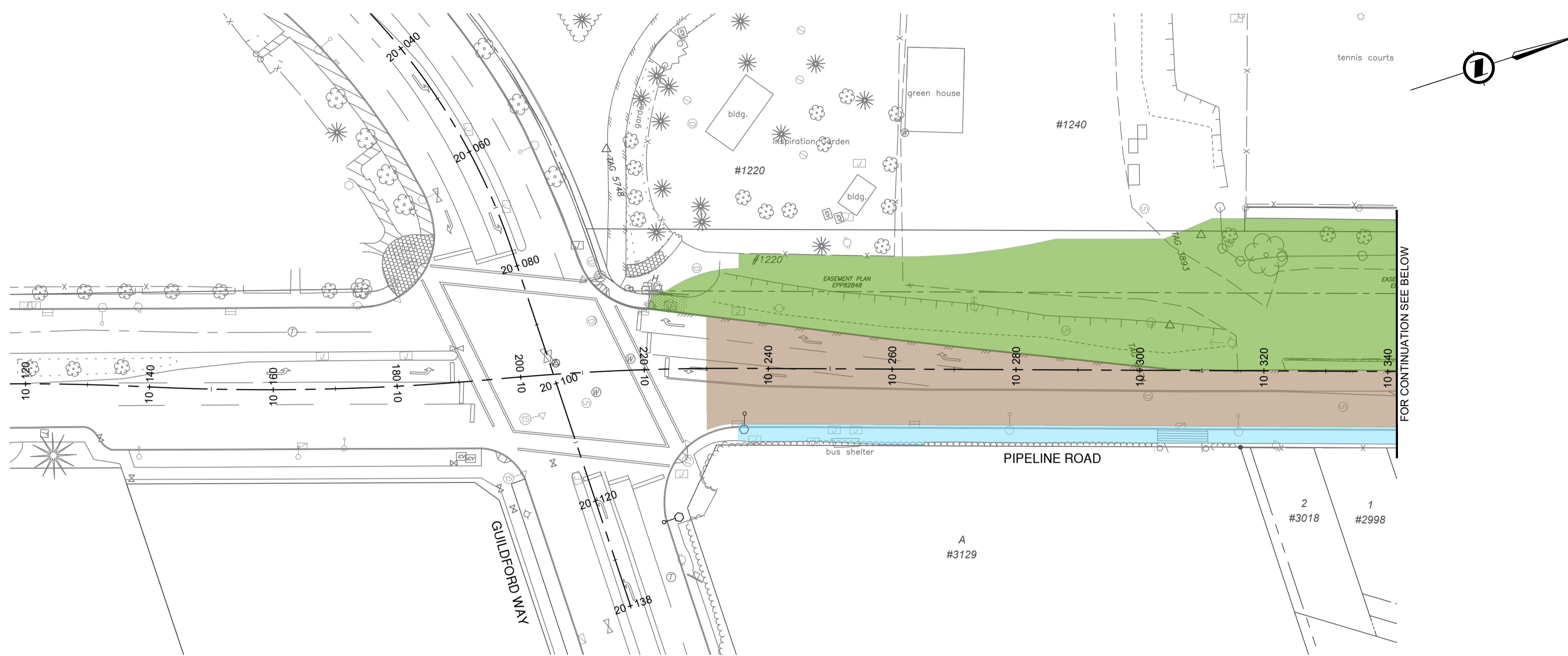
#201, 3990 Henning Drive, Burnaby, B.C. V5C 6P9
T: (604)520-2056 F: (604)520-2058

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									REV. B

32524

LEGEND

	ASPHALT FULL DEPTH REMOVAL
	CONCRETE CURB, SIDEWALK AND MEDIAN REMOVAL
	STRIPPING / TOPSOIL REMOVAL 300mm DEPTH
	EXISTING TREE TO BE REMOVED
	EXISTING TREE TO BE RETAINED



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PLOT DATE: January 19, 2025

REV NO	REVISIONS	DATE	DRAWN	APPRD
A	DETAILED DESIGN	2022/12/09	GA	CJB
B	ISSUED FOR TENDER	2025/01/21	PM	CJB



ROAD WORKS
STA 10+120 TO STA 10+630
REMOVALS PLAN


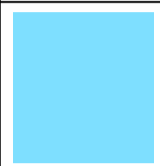

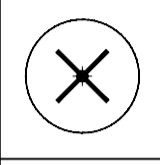
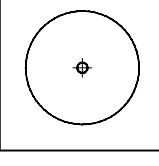


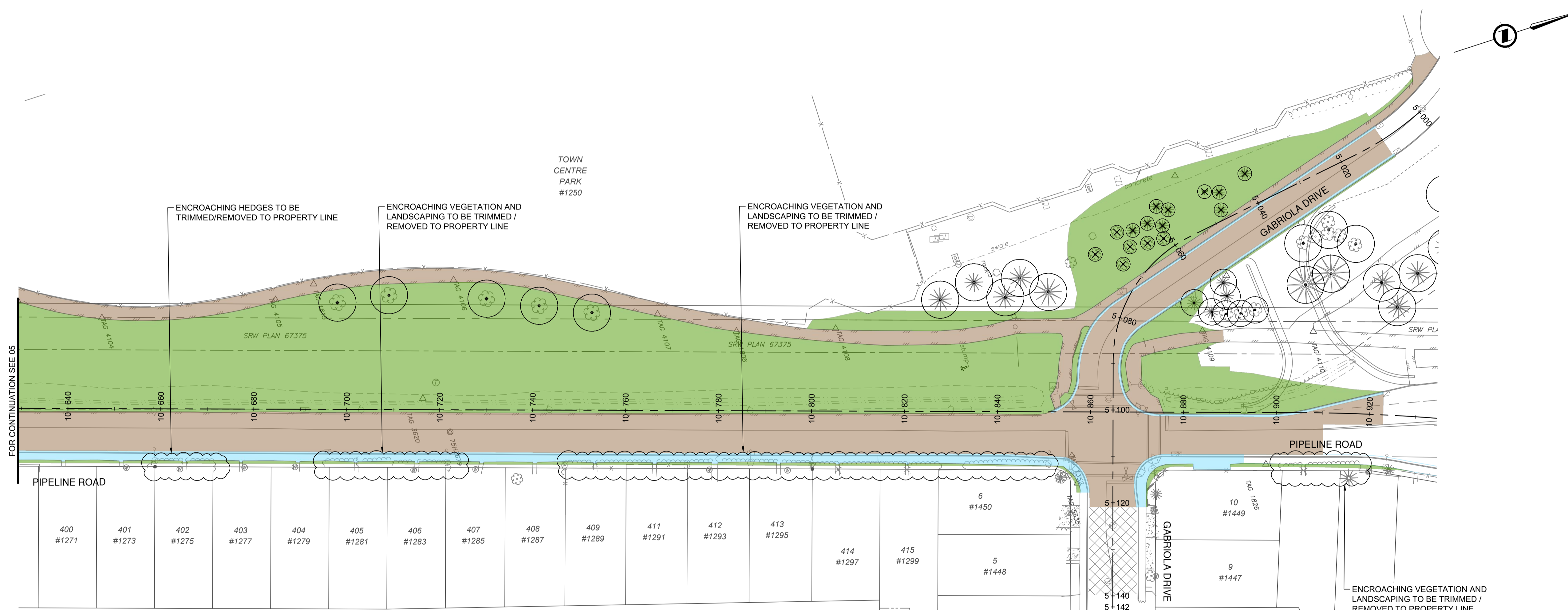
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T: (604)620-2096 F: (604)620-2098

SCALE		IFT DESIGN NO.		CREATION DATE		2424/11/01		DWG. NO.	
DRAWN BY	AS SHOWN	PM	AS SHOWN	DESIGN BY	CJB	APPROVED BY	CJB	05	OF
CHECKED BY	CJB							47	REV. B

32524

LEGEND

	ASPHALT FULL DEPTH REMOVAL
	CONCRETE CURB, SIDEWALK AND MEDIAN REMOVAL
	STRIPPING / TOPSOIL REMOVAL 300mm DEPTH
	EXISTING TREE TO BE REMOVED
	EXISTING TREE TO BE RETAINED



FOR CONTINUATION SEE 05

400 #1271	401 #1273	402 #1275	403 #1277	404 #1279	405 #1281	406 #1283	407 #1285	408 #1287	409 #1289	411 #1291	412 #1293	413 #1295	414 #1297	415 #1299	6 #1450	10 #1449	5 #1448	9 #1447
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PLOT DATE: January 19, 2025

REV NO	REVISIONS	DATE	DRAWN	APPRD
A	DETAILED DESIGN	2022/12/09	GA	CJB
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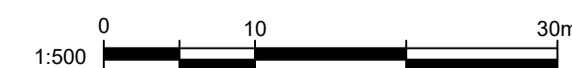
Coquitlam
Engineering & Public Works
3000 Guildford Way, Coquitlam, B.C. V3B 7N2

**ROAD
WORKS**

**STA 10+630 TO STA 11+110
REMOVALS PLAN**



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T: (604)520-3098 F: (604)520-3098



IFT DESIGN NO.

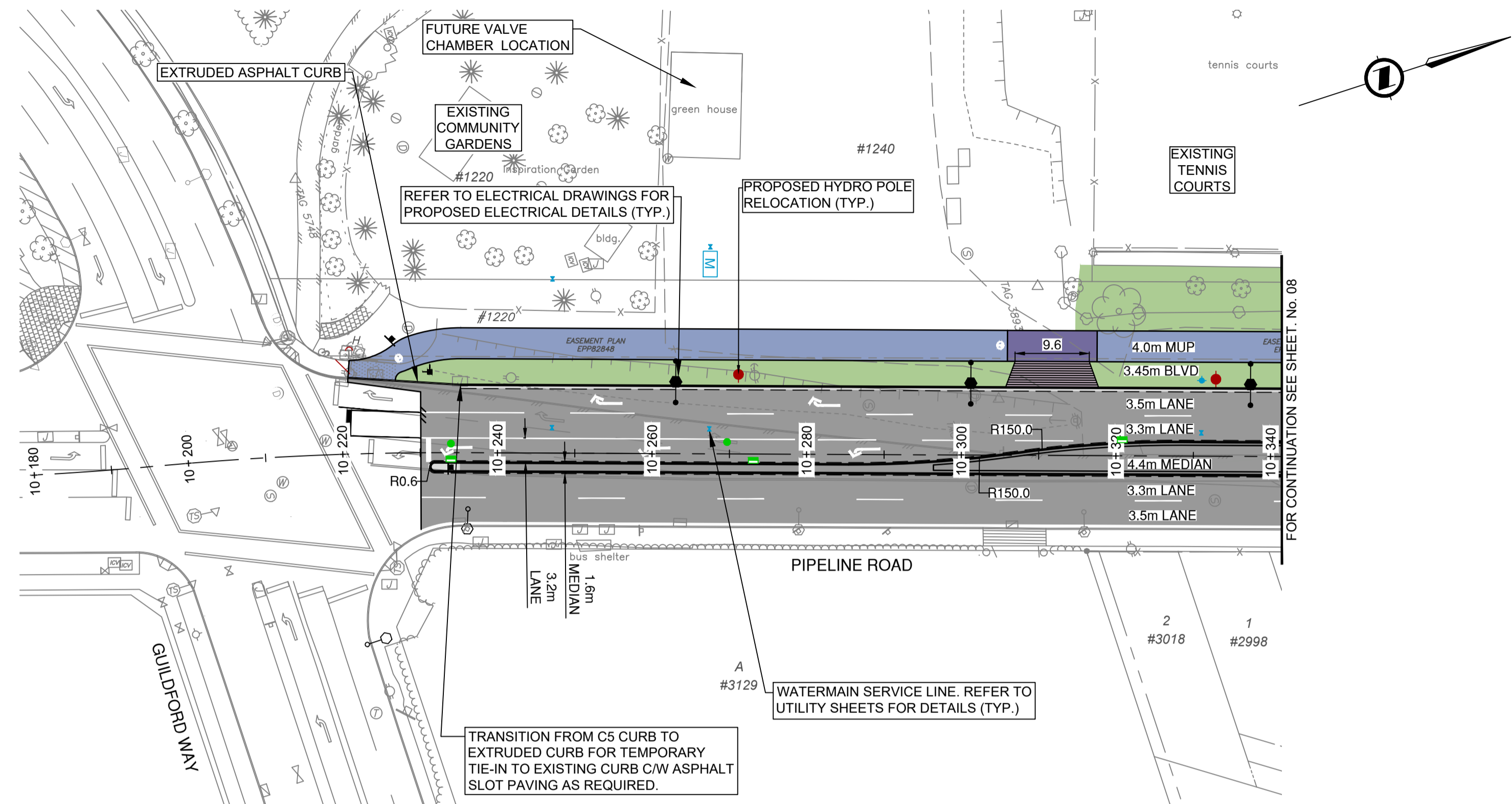
32524

SCALE	AS SHOWN	CREATION DATE	2424/11/01	DWG. NO.	06
DRAWN BY	PM	DESIGN BY	CJB	OF	47
CHECKED BY	CJB	APPROVED BY	CJB	REV.	B

File: C:\ADS\A\ACCD\oc\SL\32524\Project Files\02_CADD\02_Drafting\02_Sheets\32524_SH_02_REMOVALS.dwg

IMPORTANT:

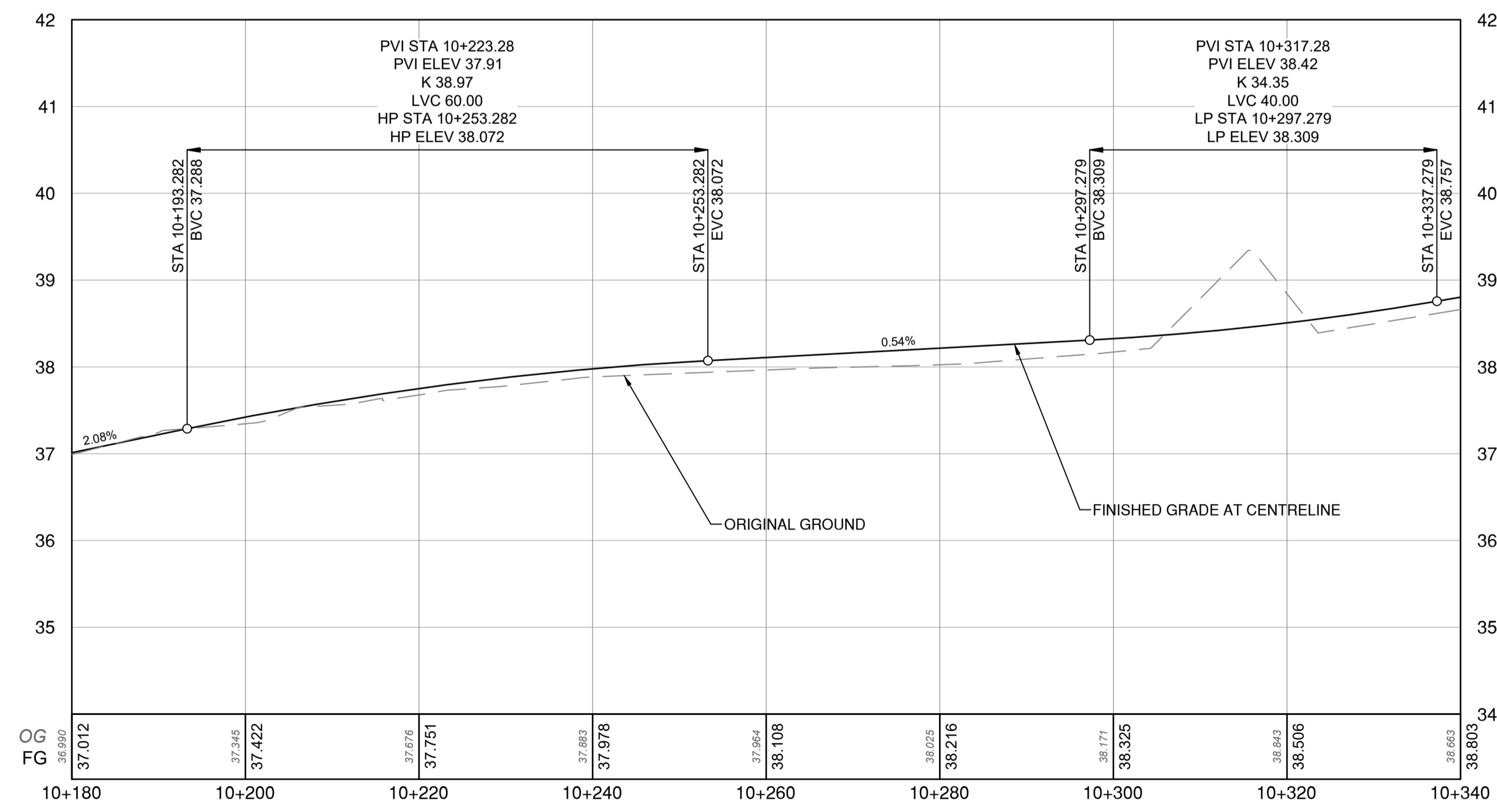
- SCOPE AND EXPOSE EX. UTILITIES/SERVICES, AND RECORD LOCATION, SIZE & INVERT ELEVATIONS AT PROP. OR POTENTIAL CROSSINGS PRIOR TO CONSTRUCTION. THE AS-BUILT UNDERGROUND INFORMATION SHOWN ON THIS DRAWING IS DERIVED FROM COMBINATION OF SURVEY AND RECORD DRAWINGS AND REQUIRE CONFIRMATION OF LOCATION PRIOR TO CONSTRUCTION.
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- ALL PROXIMAL WORK WITHIN 2.0m OF EXISTING METRO VANCOUVER WATERMANS MUST BE COMPLETED PRIOR TO APRIL 15, 2025. A REPRESENTATIVE MUST BUT ON SITE DURING ALL MV PROXIMAL WORK.



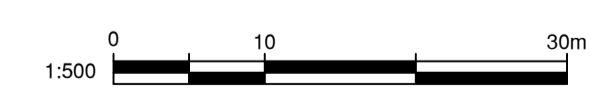
PLAN
SCALE 1:500

NOTE: ALL LANE WIDTHS SHOWN IN PLAN VIEW ARE MEASURED TO FACE OF CURB

SURFACE TREATMENTS	
PATTERN	DESCRIPTION
ASPHALT - FULL DEPTH PAVEMENT	100mm OF LOWER COURSE #1 MIXTURE, COMPACTED TO >97% OF 75 BLOW MARSHALL 50mm OF 19mm MOT CLASS MEDIUM MIX WITH 80-100 GROUP A ASPHALT CEMENT, COMPACTED TO >97% OF 75 BLOW MARSHALL
ASPHALT - BIKE PATHWAY	100mm MIN. - 19mm MINUS CRUSHED GRANULAR BASE COMPACTED TO >95% OF THE MODIFIED PROCTOR DENSITY 250mm OF MMCD CRUSHED GRANULAR SUBBASE (OPTIONAL AS DIRECTED BY THE CONTRACT ADMINISTRATOR)
ASPHALT - DRIVEWAY	100mm OF 19mm MINUS CRUSHED GRANULAR BASE COMPACTED TO >95% MODIFIED PROCTOR DENSITY 75mm OF MMCD UPPER COURSE #2 ASPHALT COMPACTED TO >97% OF 75 BLOW MARSHALL
CONCRETE - DRIVEWAY LETDOWN	200mm MMCD PORTLAND CEMENT CONCRETE 100mm OF MMCD GRANULAR BASE 100mm OF MMCD CRUSHED GRANULAR SUBBASE (OPTIONAL AS DIRECTED BY THE CONTRACT ADMINISTRATOR)
CONCRETE - SIDEWALK / CURB / BANDING	CONCRETE SIDEWALK AND INFILL (SEE DETAILS ON SHEET 3) MMCD C4 CURB AND GUTTER TYPE E CURB AND GUTTER MMCD C5 CURB AND GUTTER
	RAISED CONCRETE ISLANDS AT PROTECTED INTERSECTIONS
LANDSCAPING	
	MIN. 150mm TOPSOIL AND SODDING
	PLANTING AREA - REFER TO LANDSCAPE DRAWINGS FOR PLANTING PLAN



PROFILE
SCALE 1:500H / 1:50V



File: C:\ASKKACCDocs\132524\Project Files\02_CADD\02_Drafting\2025_Sheets\32524_SH_03_PLAN AND PROFILE_PIPELINE.dwg

PLOT DATE: January 21, 2025

REV NO	REVISIONS	DATE	DRAWN	APPRD
A	DETAILED DESIGN	2024/07/05	GA	CJB
B	ISSUED FOR TENDER	2025/01/21	PM	CJB



ROAD WORKS

**STA 10+060 TO STA 10+340
PIPELINE ROAD**

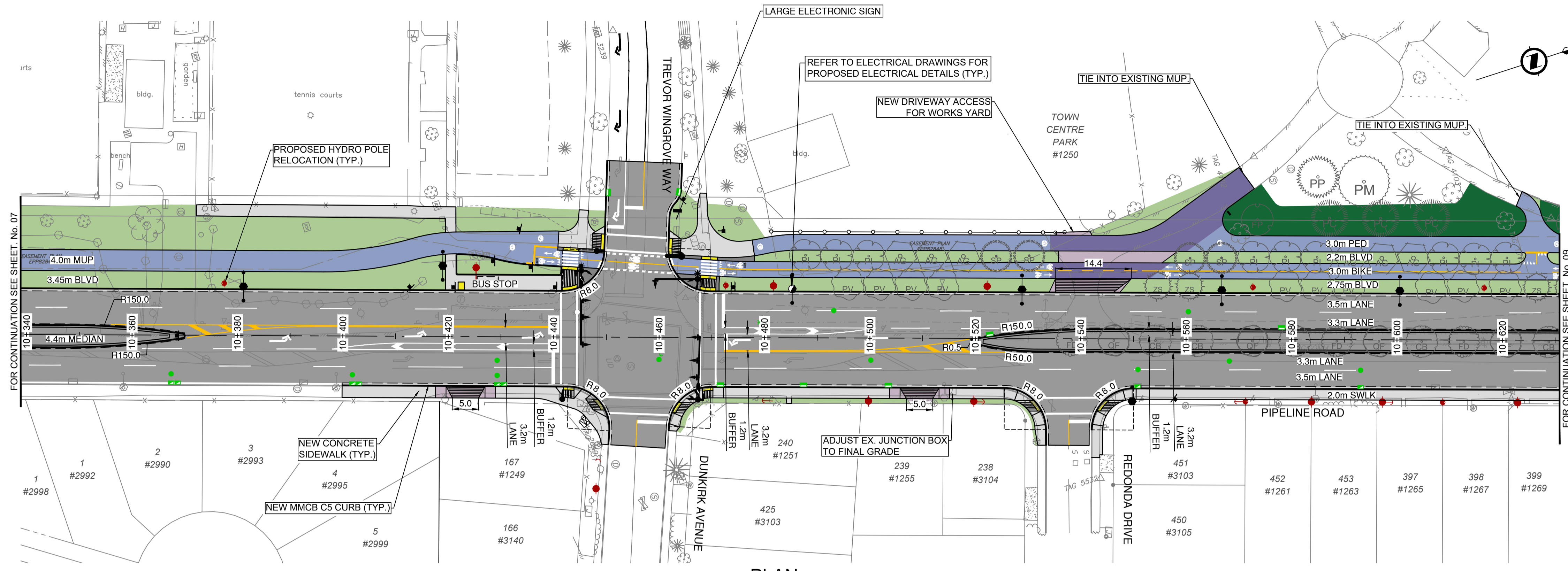


IFT DESIGN NO. 32524		SCALE	AS SHOWN	CREATION DATE	24/24/11/01	DWG. NO.
DRAWN BY	PM	DESIGN BY	CJB	APPROVED BY	CJB	07 OF 47
CHECKED BY	CJB					REV. B

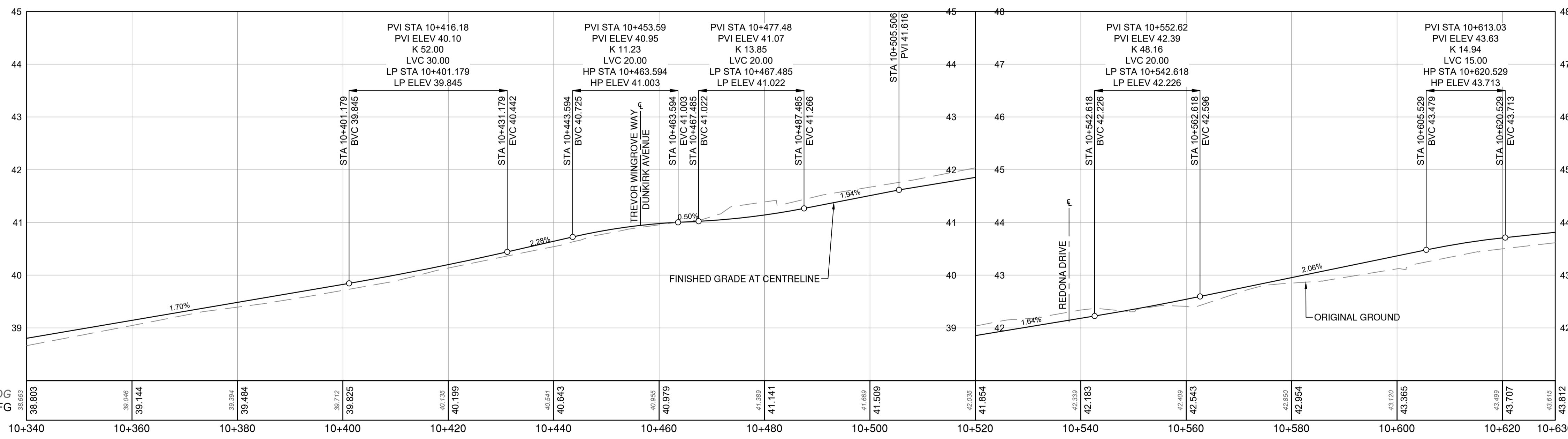
DESTROY ALL PRINTS BEARING PREVIOUS NO.

IMPORTANT:

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PLAN
SCALE 1:500



PROFILE
SCALE 1:500H / 1:50V

NOTE: ALL LANE WIDTHS SHOWN IN PLAN VIEW ARE MEASURED TO FACE OF CURB

SURFACE TREATMENTS	
PATTERN	DESCRIPTION
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ASPHALT - BIKE PATHWAY	100mm MIN. - 19mm MINUS CRUSHED GRANULAR BASE COMPACTED TO >95% OF THE MODIFIED PROCTOR DENSITY 250mm OF MMCD CRUSHED GRANULAR SUBBASE (OPTIONAL AS DIRECTED BY THE CONTRACT ADMINISTRATOR)
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CONCRETE - SIDEWALK / CURB / BANDING	CONCRETE SIDEWALK AND INFILL (SEE DETAILS ON SHEET 3) MMCD C4 CURB AND GUTTER TYPE E CURB AND GUTTER MMCD C5 CURB AND GUTTER
	RAISED CONCRETE ISLANDS AT PROTECTED INTERSECTIONS
LANDSCAPING	MIN. 150mm TOPSOIL AND SODDING
	PLANTING AREA - REFER TO LANDSCAPE DRAWINGS FOR PLANTING PLAN

File: C:\ADSKACAD\Projects\32524\Drawings\2025_Sheets\32524_SH_03_PLAN AND PROFILE_PIPELINE.dwg

PLOT DATE: January 21, 2025

REV NO	REVISIONS	DATE	DRAWN	APPRD
A	DETAILED DESIGN	2024/07/05	GA	CJB
B	ISSUED FOR TENDER	2025/01/21	PM	CJB



ROAD WORKS
STA 10+340 TO STA 10+630
PIPELINE ROAD



SCALE	AS SHOWN	CREATION DATE	2424/11/01	DWG. NO.
DRAWN BY	PM	DESIGN BY	CJB	08 OF 47
CHECKED BY	CJB	APPROVED BY	CJB	REV. B

32524

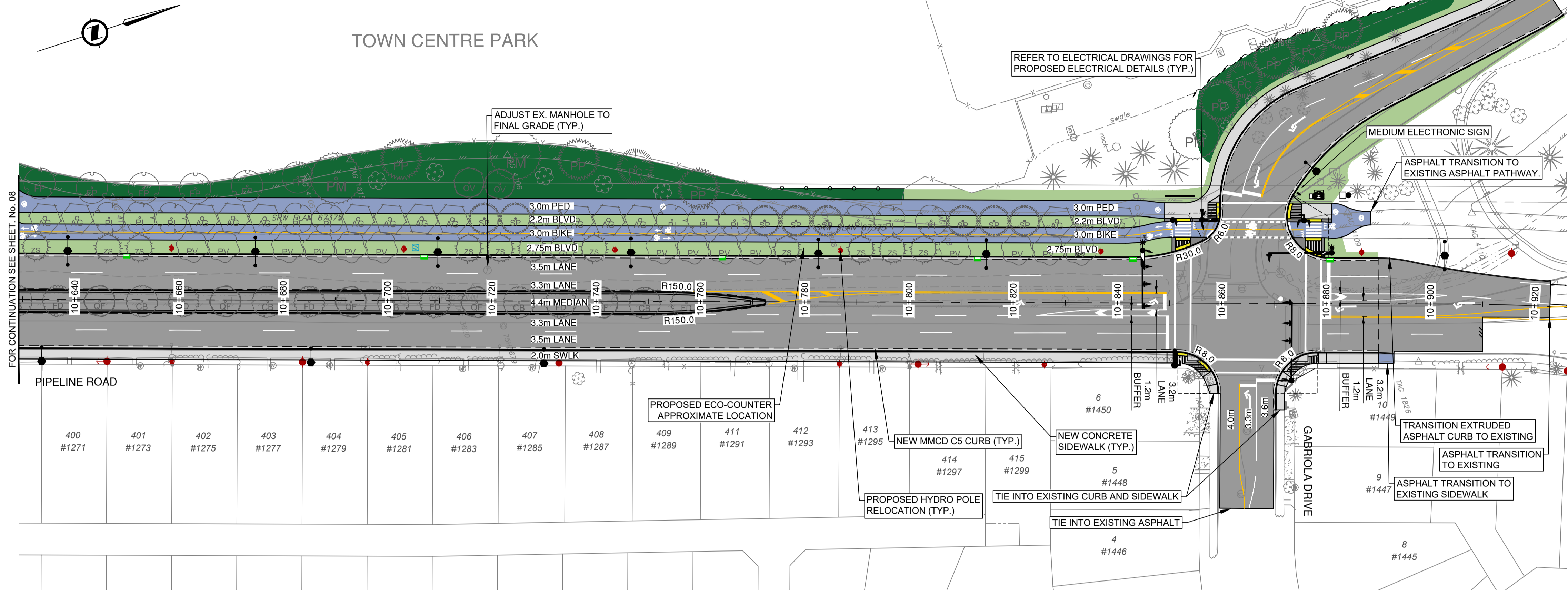
DESTROY ALL PRINTS BEARING PREVIOUS NO.

IMPORTANT:

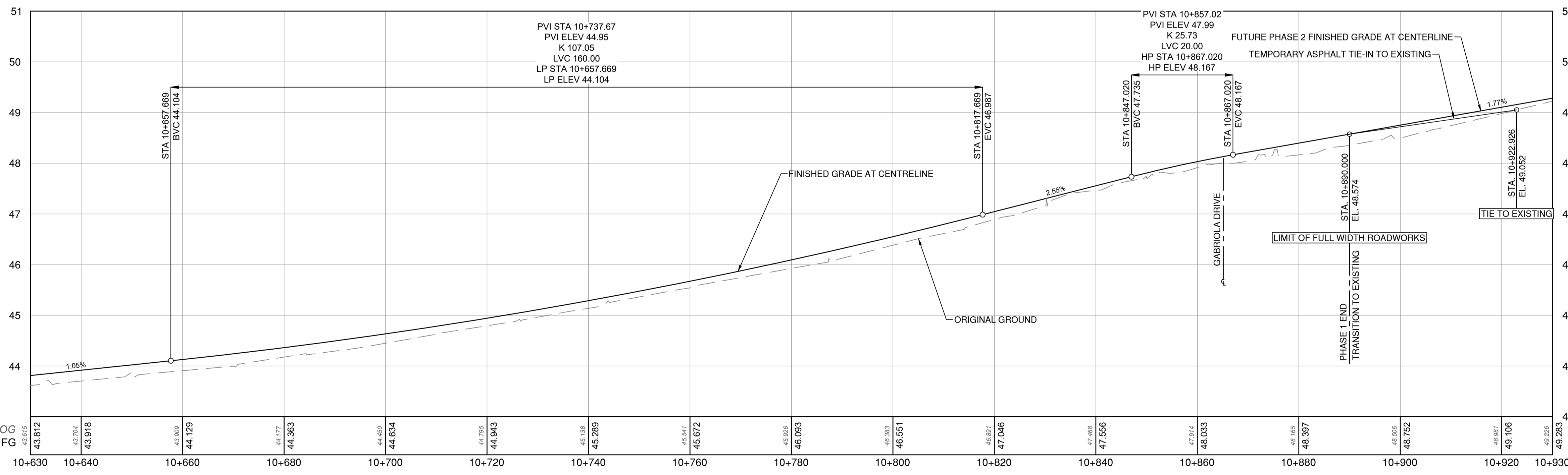
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SURFACE TREATMENTS	
PATTERN	DESCRIPTION
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LANDSCAPING	
	MIN. 150mm TOPSOIL AND SODDING
	PLANTING AREA - REFER TO LANDSCAPE DRAWINGS FOR PLANTING PLAN



PLAN
SCALE 1:500



PROFILE
SCALE 1:500H / 1:50V



File: C:\ADSKACAD\Projects\32524\Project\Files\02_Drafting\2025_Sheets\32524_SH_03_PLAN AND PROFILE_PIPELINE.dwg

PLOT DATE: January 21, 2025

REV NO	REVISIONS	DATE	DRAWN	APPRD
A	DETAILED DESIGN	2024/07/05	GA	CJB
B	ISSUED FOR TENDER	2025/01/21	PM	CJB

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

ROAD WORKS
STA 10+630 TO STA 10+900
PIPELINE ROAD

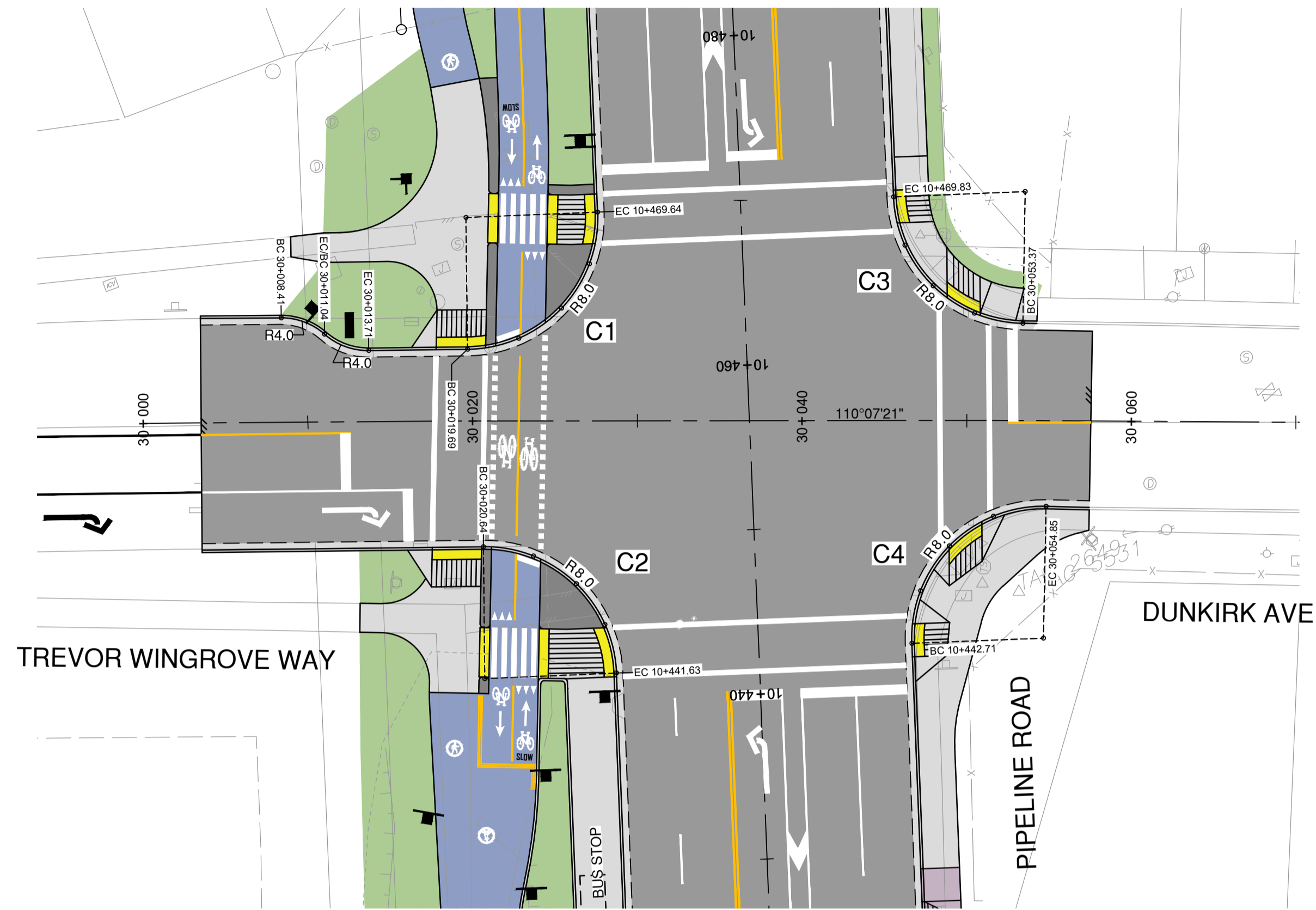
ISL
#201, 3999 Henning Drive, Burnaby, B.C. V5C 6P9
T: (604)299-2096 F: (604)299-2098

IFT DESIGN NO. 32524		SCALE	AS SHOWN	CREATION DATE	2424/11/01	DWG. NO.	09
DRAWN BY	PM	DESIGN BY	CJB	APPROVED BY	CJB	OF	47
CHECKED BY	CJB					REV.	B

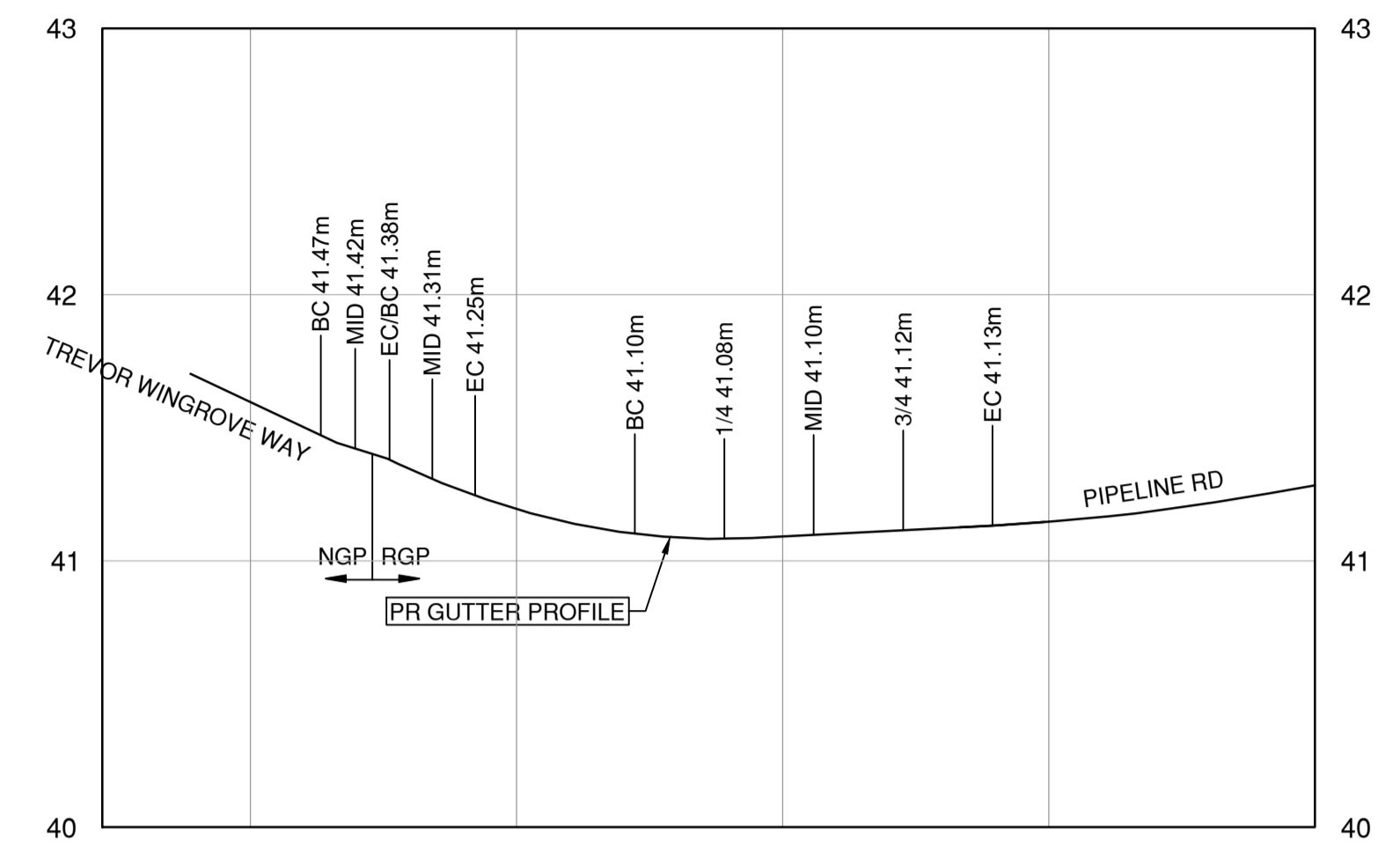
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IMPORTANT:

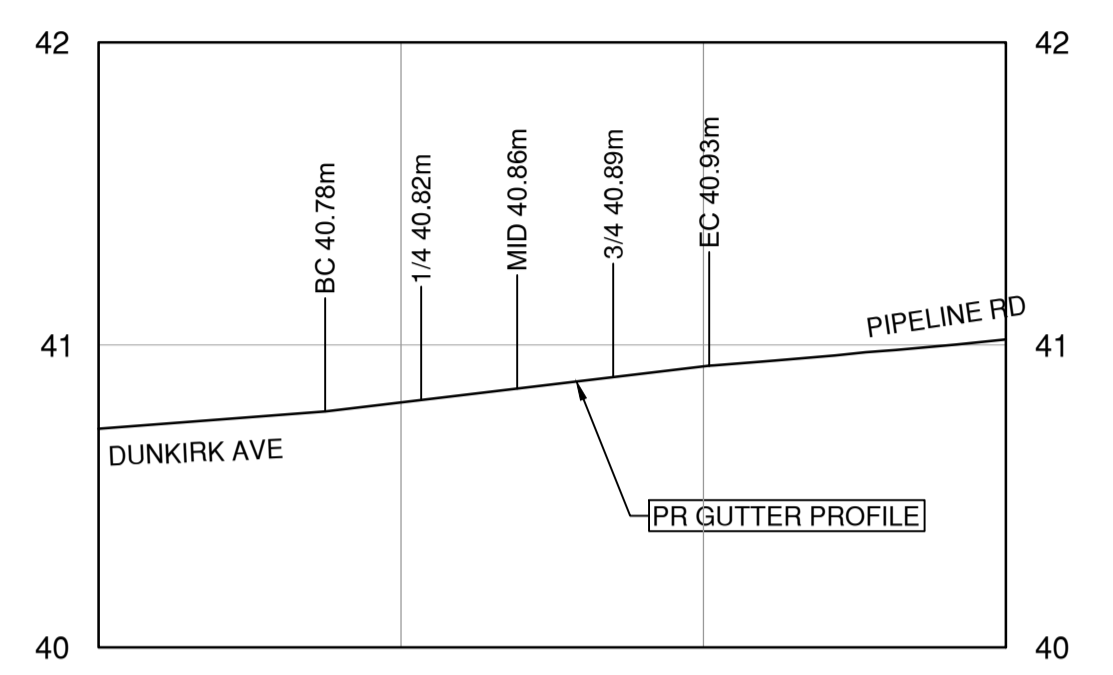
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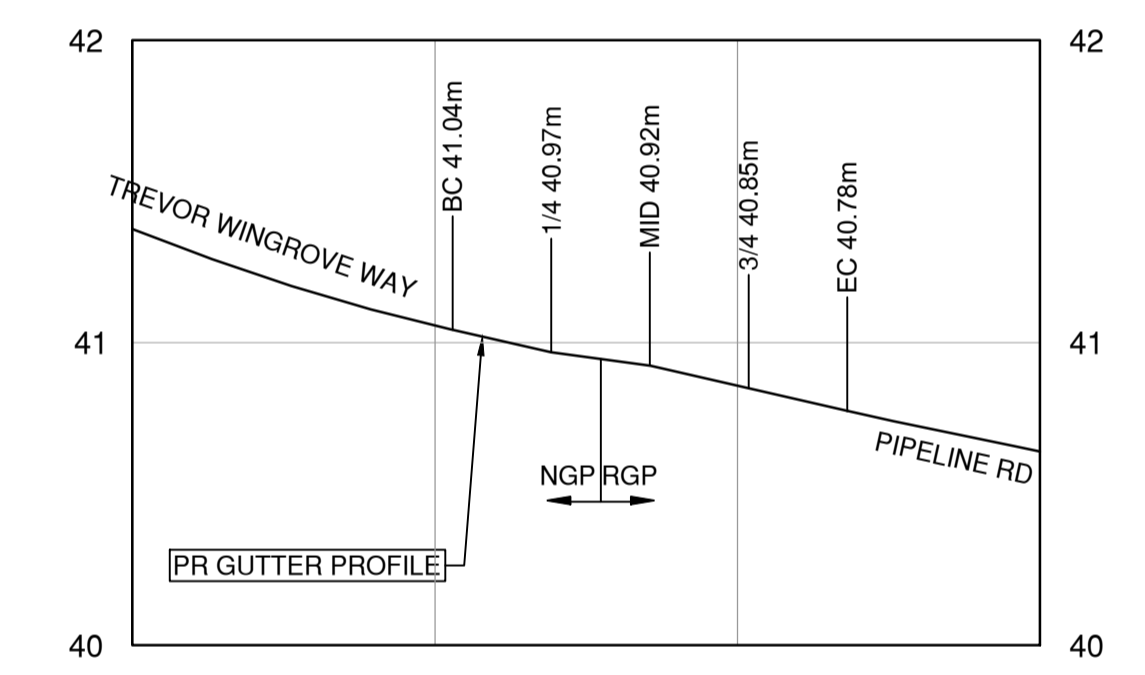
PLAN
SCALE 1:250



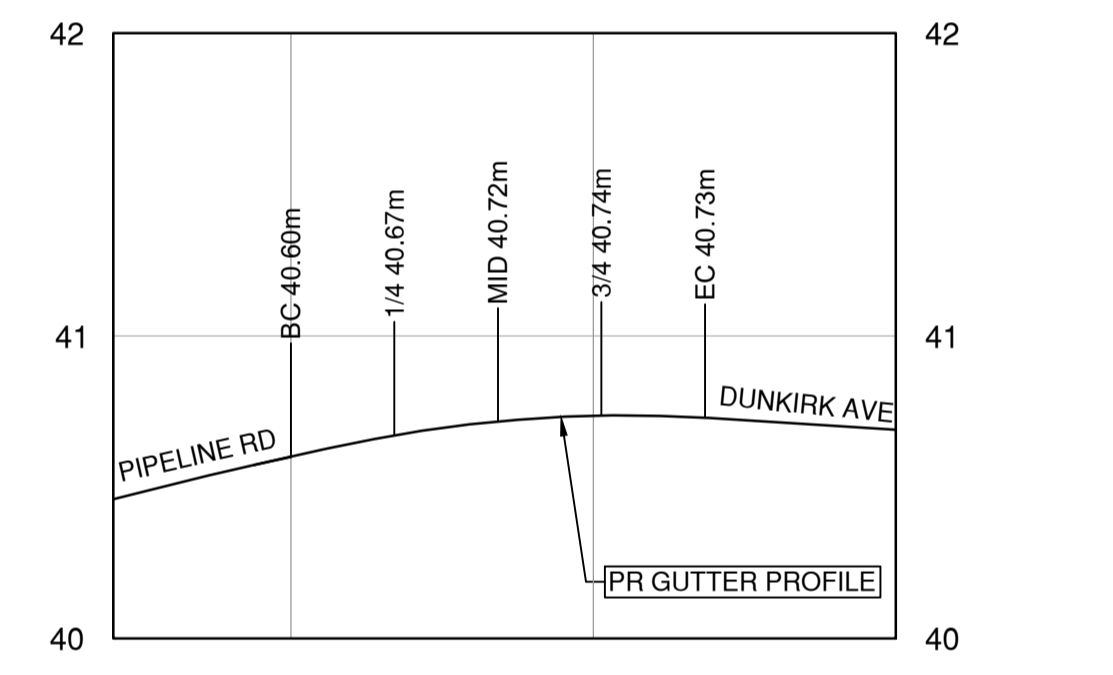
**TREVOR WINGROVE WAY
C1 - CURB RETURN**
SCALE 1:250H, 1:50V



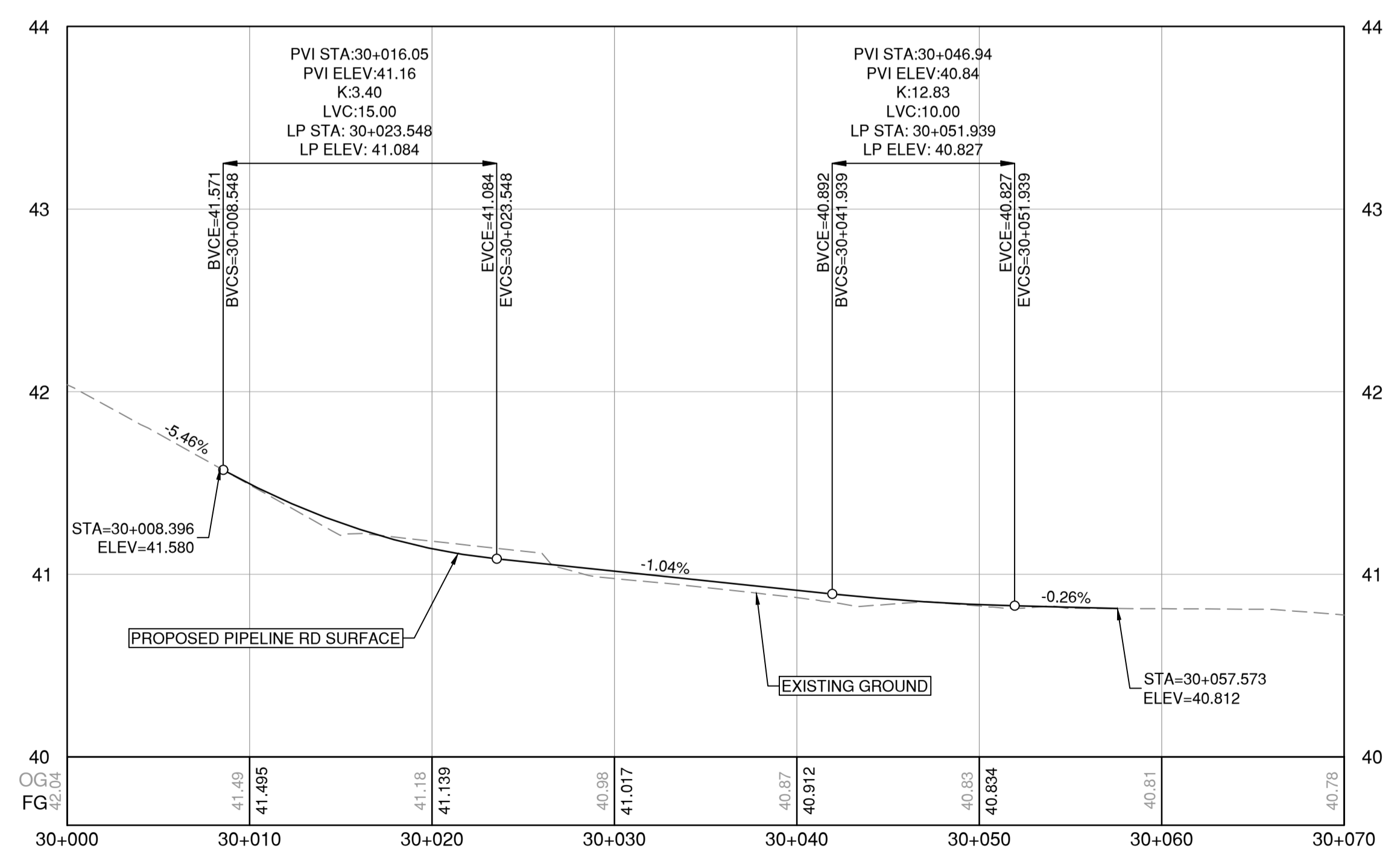
**DUNKIRK AVE
C3 - CURB RETURN**
SCALE 1:250H, 1:50V



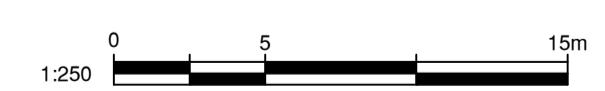
**TREVOR WINGROVE WAY
C2 - CURB RETURN**
SCALE 1:250H, 1:50V



**DUNKIRK AVE
C4 - CURB RETURN**
SCALE 1:250H, 1:50V



PROFILE
SCALE 1:250H / 1:25V



File: C:\ADSKACAD\Projects\32524\Drafting\2025_Sheets\32524_SH_04_PLAN AND PROFILE_SIDE ROADS.dwg

PLOT DATE: January 21, 2025

REV NO	REVISIONS	DATE	DRAWN	APPR'D
A	DETAILED DESIGN	2022/12/09	GA	CJB
B	ISSUED FOR TENDER	2025/01/21	PM	CJB



ROAD WORKS
DUNKIRK AVE INTERSECTION
PIPELINE ROAD



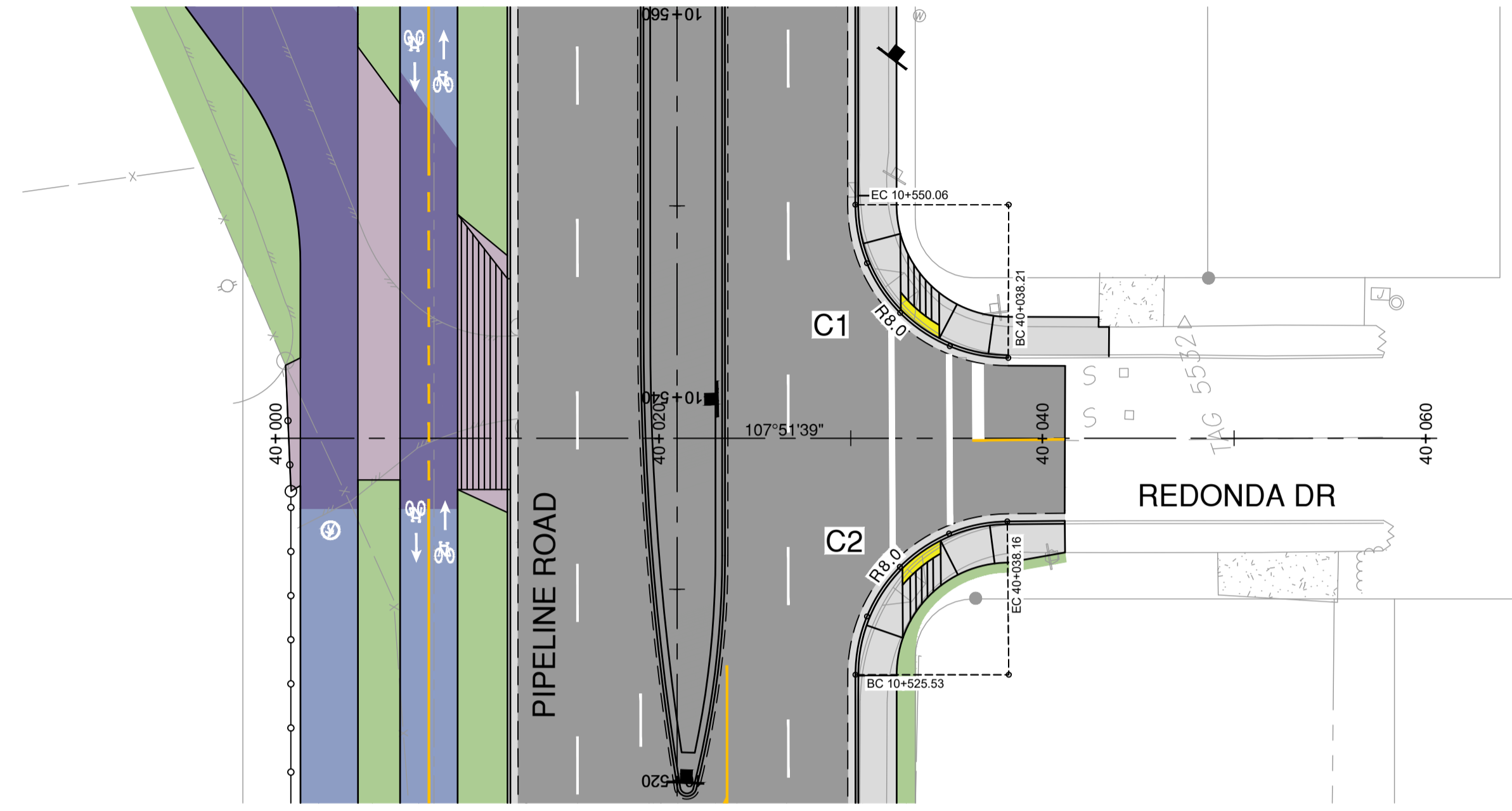
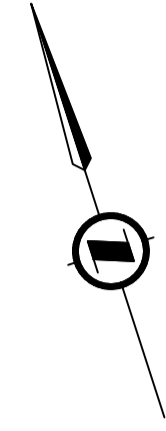
SCALE	AS SHOWN	CREATION DATE	2424/11/01	DWG. NO.
DRAWN BY	PM	DESIGN BY	CJB	10 OF 47
CHECKED BY	CJB	APPROVED BY	CJB	REV. B

32524

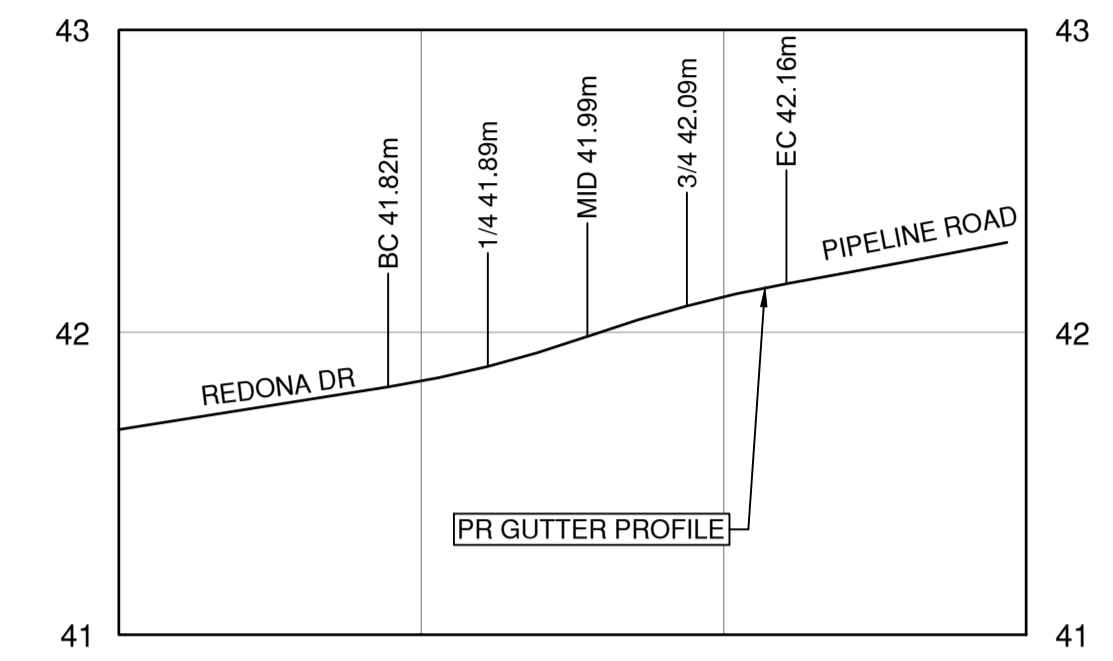
DESTROY ALL PRINTS BEARING PREVIOUS NO.

IMPORTANT:

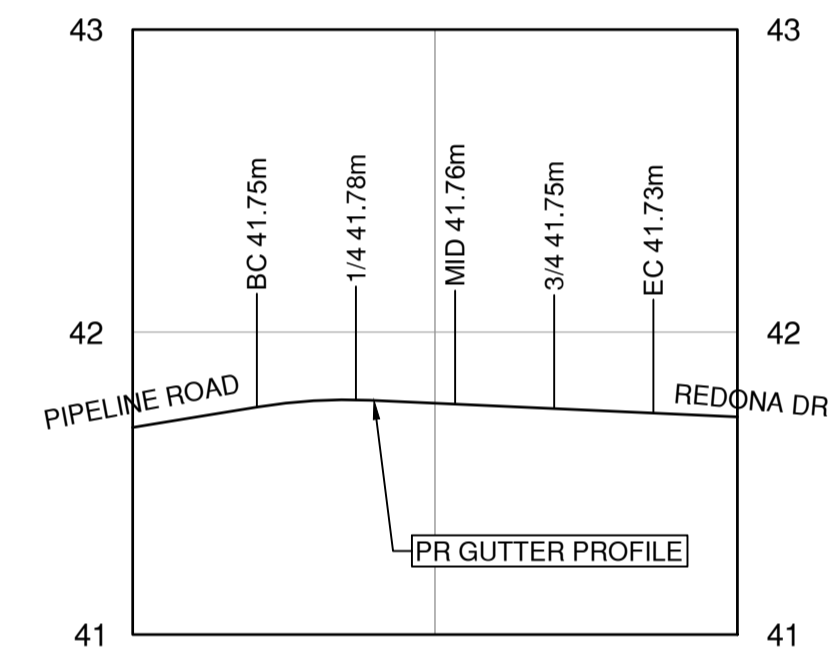
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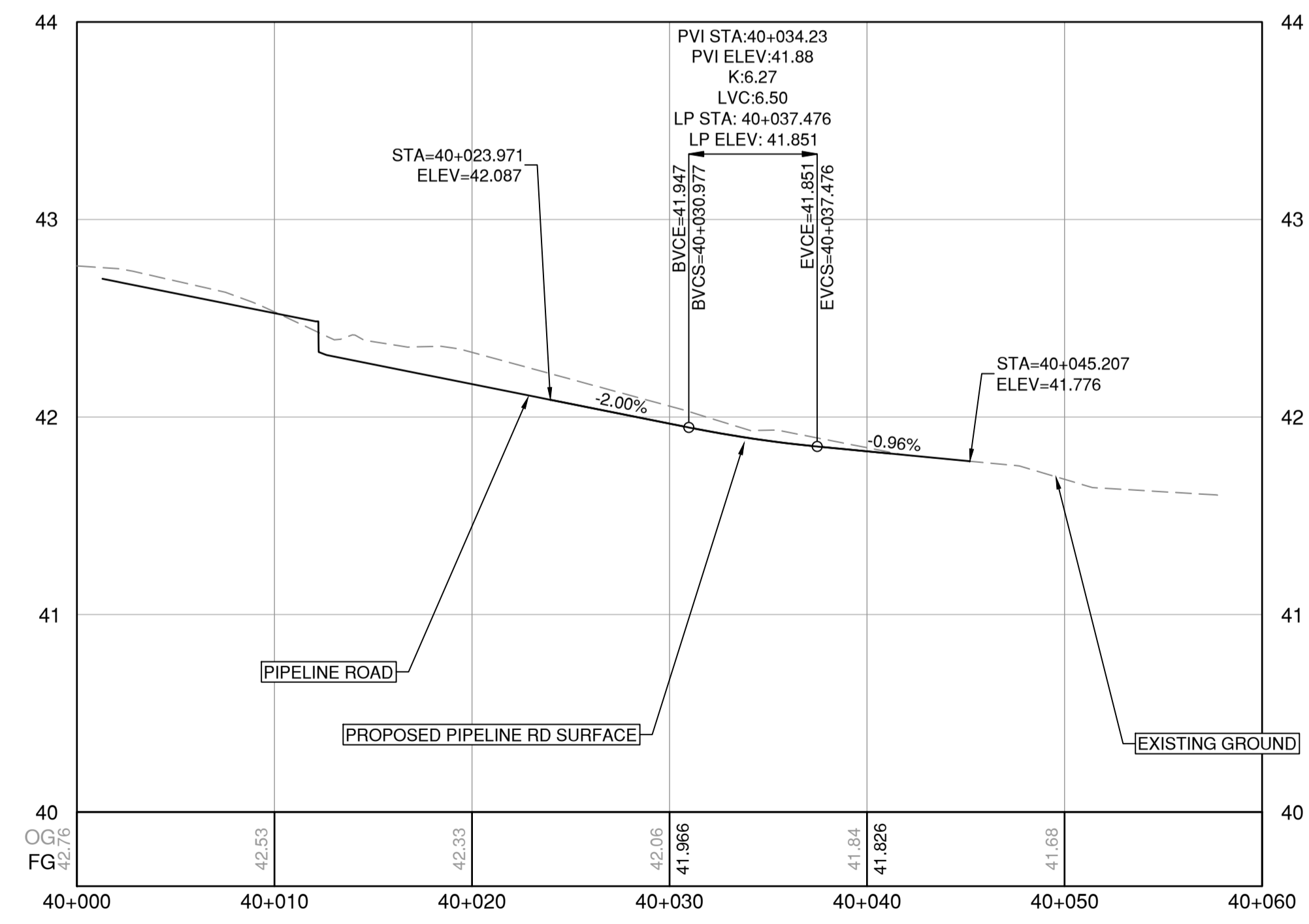
PLAN
SCALE 1:250



**REDONDA DR
C1 - CURB RETURN**
SCALE 1:250H, 1:50V



**REDONDA DR
C2 - CURB RETURN**
SCALE 1:250H, 1:50V



PROFILE
SCALE 1:250H / 1:25V



File: C:\ASKKACCDocs\132524\Project\Files\02_CADD\00_Drafting\2025_Sheets\32524_SH_04_PLAN AND PROFILE_SIDE ROADS.dwg

PLOT DATE: January 21, 2025

REV NO	REVISIONS	DATE	DRAWN	APPRD
A	DETAILED DESIGN	2022/12/09	GA	CJB
B	ISSUED FOR TENDER	2025/01/21	PM	CJB

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

ROAD WORKS

**REDONDA DRIVE INTERSECTION
PIPELINE ROAD**



#201, 3999 Henning Drive, Burnaby, B.C. V5C 6P9
T: (604)629-2996 F: (604)629-2998

SCALE	AS SHOWN	CREATION DATE	2424/11/01	DWG. NO.
DRAWN BY	PM	DESIGN BY	CJB	11 OF 47
CHECKED BY	CJB	APPROVED BY	CJB	REV. B

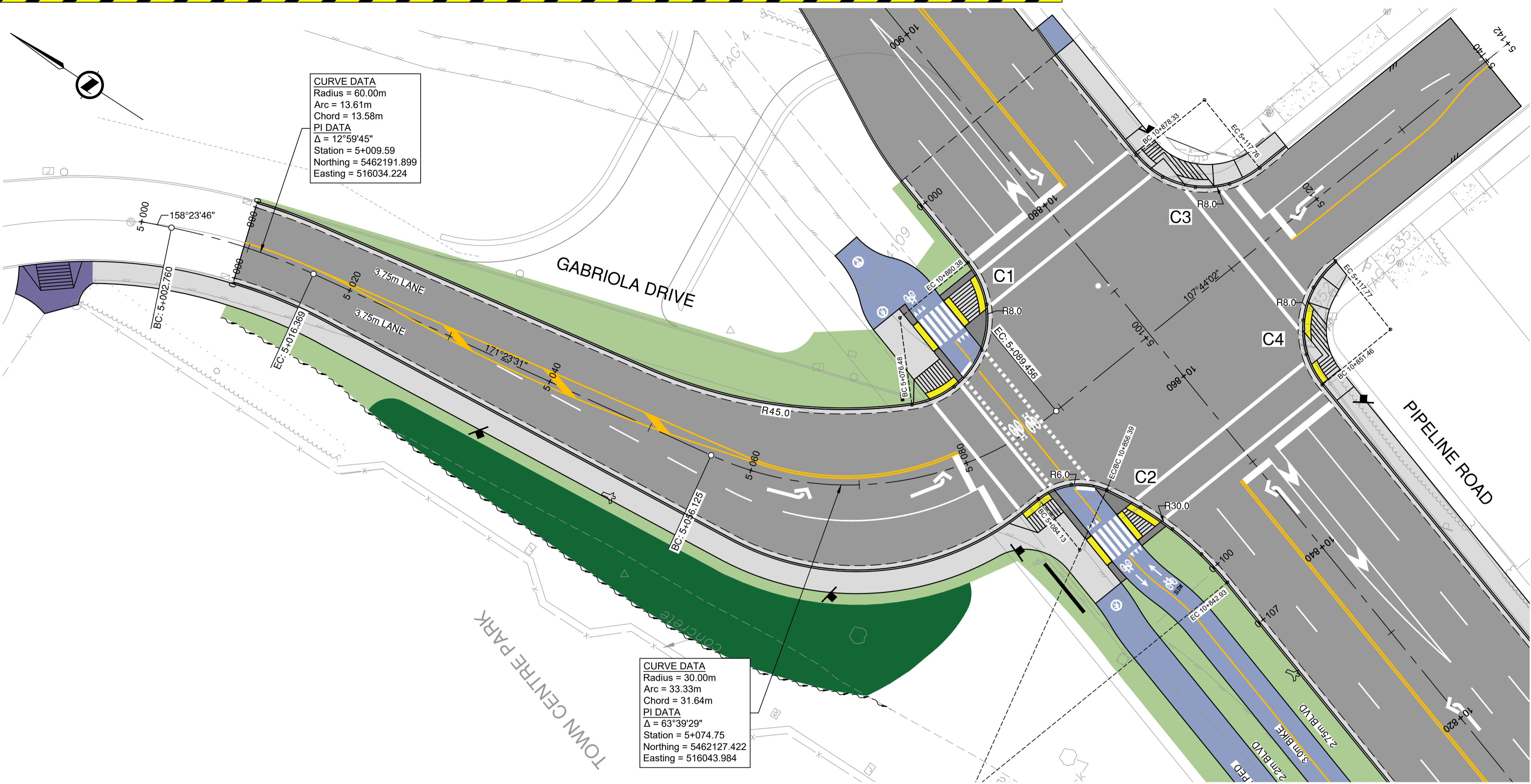
32524

IFT DESIGN NO.

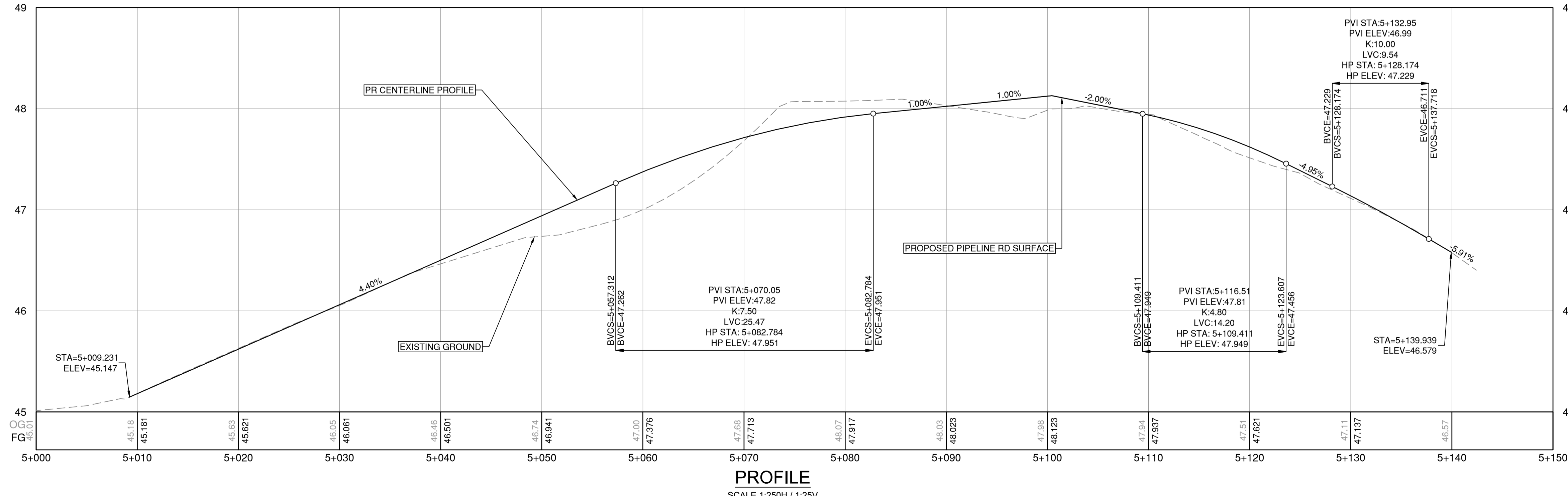
DESTROY ALL PRINTS BEARING PREVIOUS NO.

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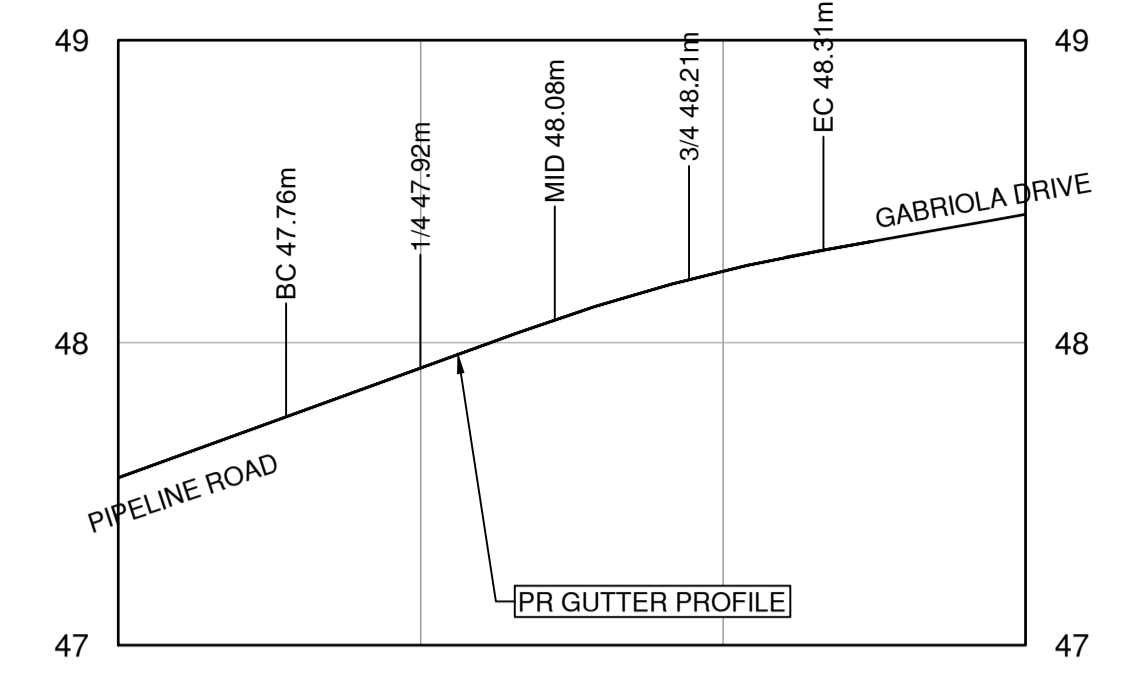
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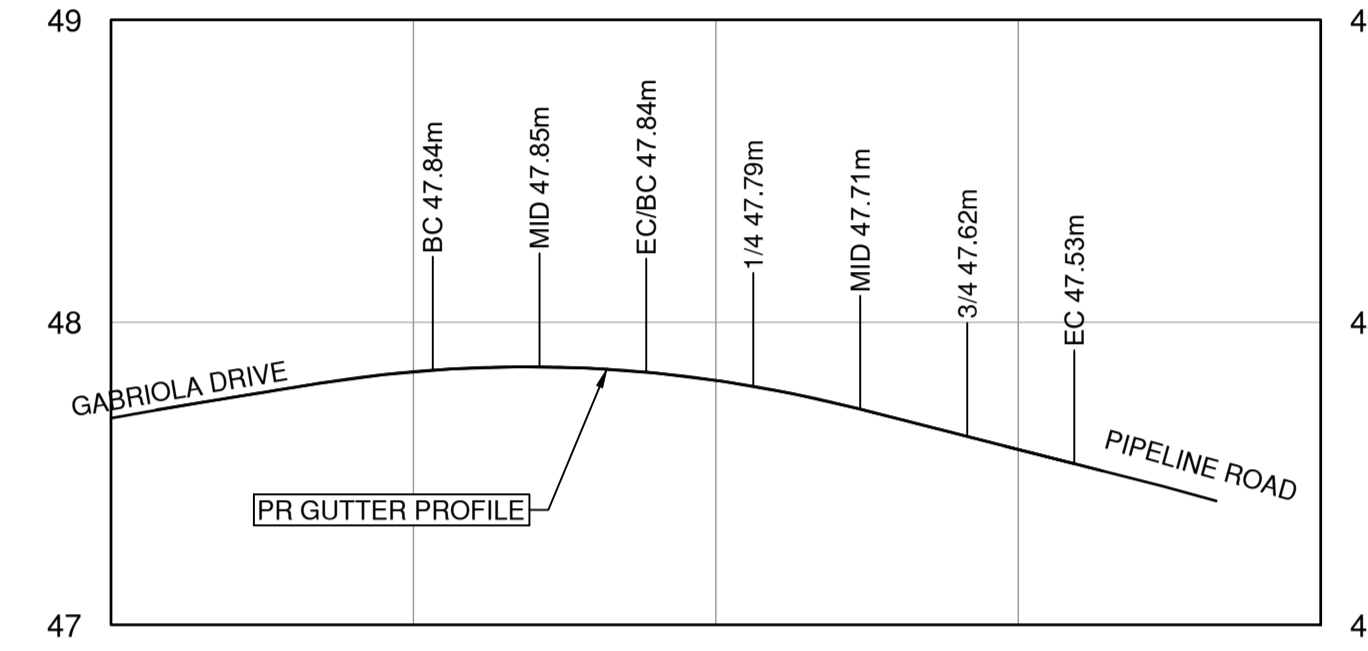
PLAN
SCALE 1:500



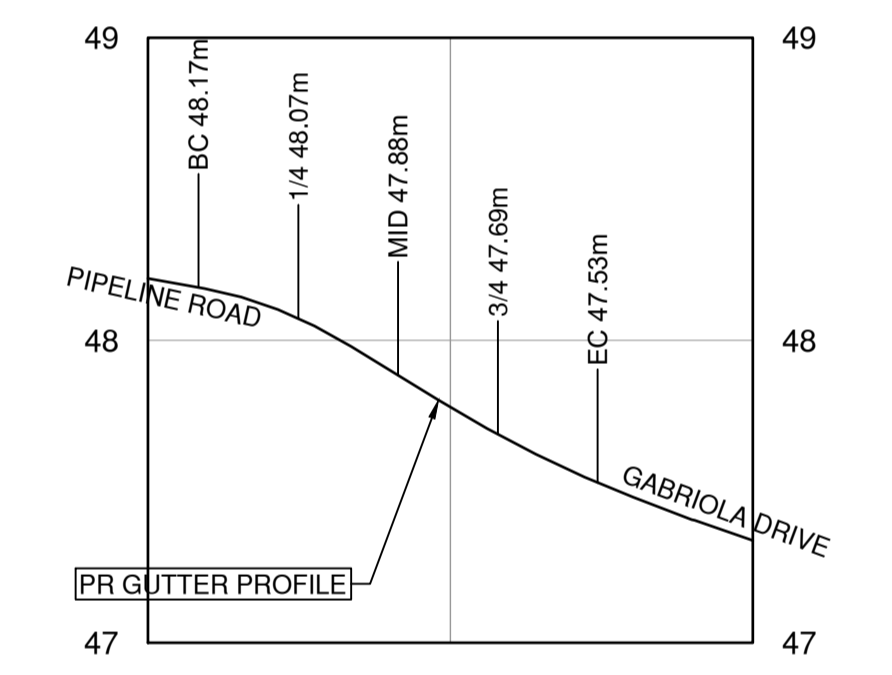
PROFILE
SCALE 1:250H / 1:25V



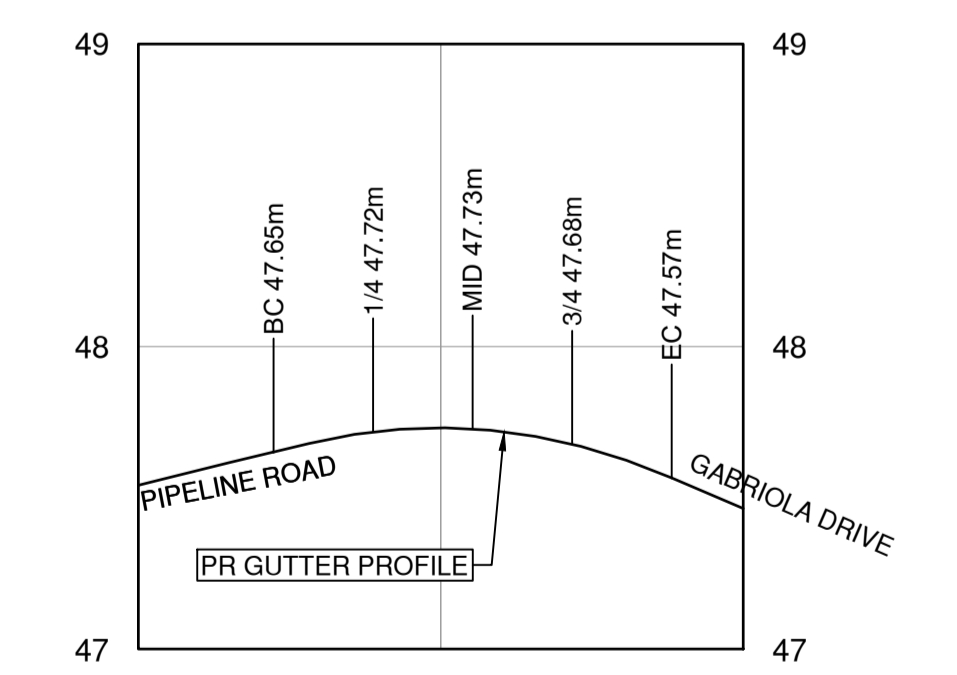
**GABRIOLA DR
C1 - CURB RETURN**
SCALE 1:250H, 1:50V



**GABRIOLA DR
C2 - CURB RETURN**
SCALE 1:250H, 1:50V



**GABRIOLA DR
C3 - CURB RETURN**
SCALE 1:250H, 1:50V



**GABRIOLA DR
C4 - CURB RETURN**
SCALE 1:250H, 1:50V

PLOT DATE: January 21, 2025

REV NO	REVISIONS	DATE	DRAWN	APPRD
A	DETAILED DESIGN	2022/12/09	GA	CJB
B	ISSUED FOR TENDER	2025/01/21	PM	CJB



ROAD WORKS

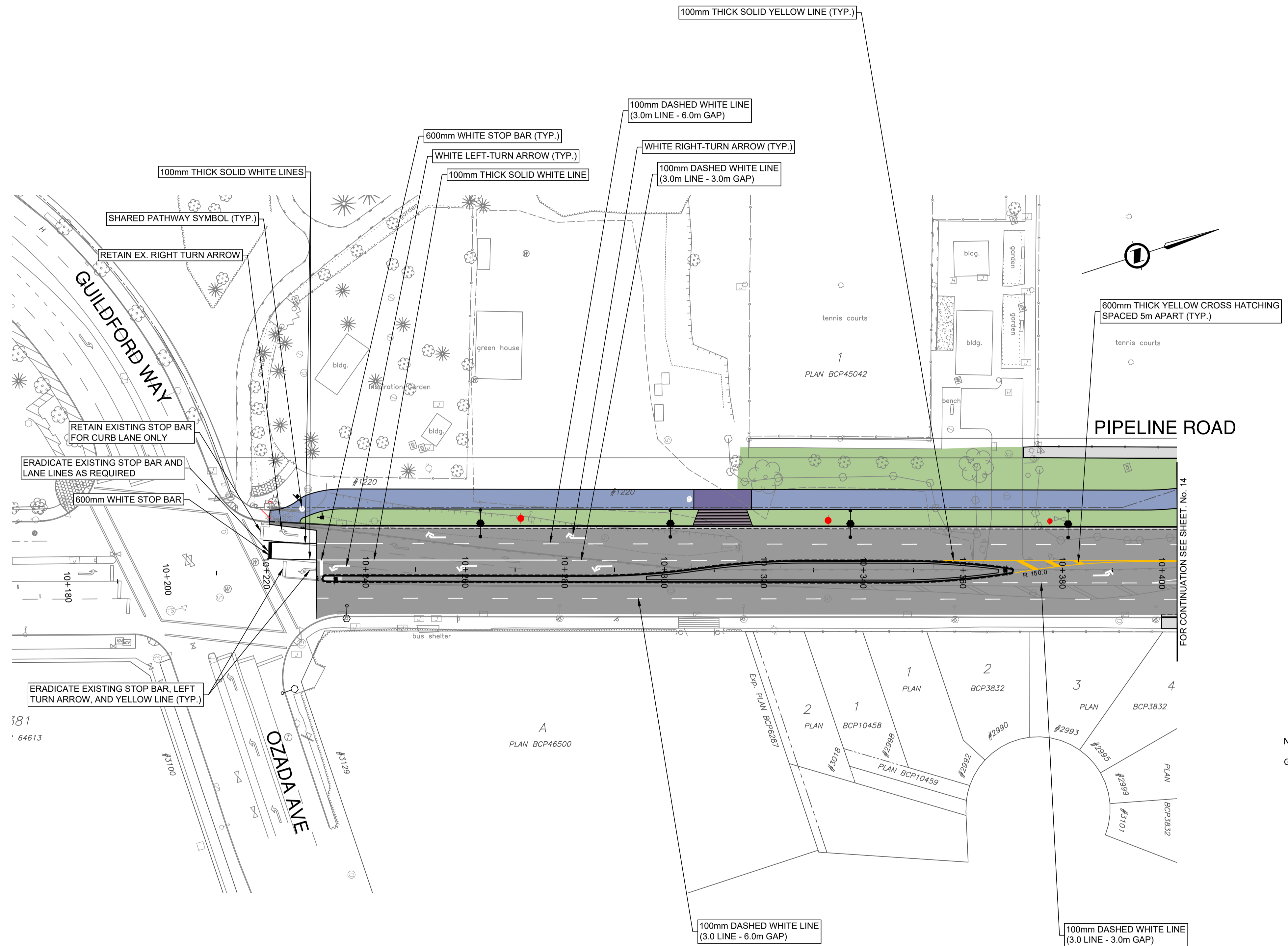
**GABRIOLA DRIVE INTERSECTION
PIPELINE ROAD**



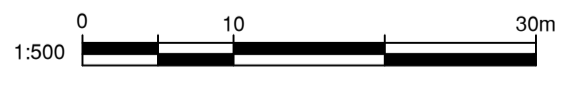
SCALE	AS SHOWN	CREATION DATE	2424/11/01	DWG. NO.	12
DRAWN BY	PM	DESIGN BY	CJB	OF	47
CHECKED BY	CJB	APPROVED BY	CJB	REV.	B

32524

DESTROY ALL PRINTS BEARING PREVIOUS NO.



- NOTES:
- GREEN SURFACE TREATMENT:
- MATERIAL SHALL BE MMA (METHYL METHACRYLATE) OR APPROVED EQUIVALENT
 - THE MMA SKID RESISTANT MATERIAL SHALL MEET THE FOLLOWING REQUIREMENTS:
 - BE ULTRA-VIOLET STABLE.
 - BE ISO CERTIFIED DURABLE ROAD MARKING MATERIAL.
 - UTILIZE 0.5mm - 1mm AGGREGATE WITHIN THE MMA TO APPROVED PRIOR TO APPLICATION.
 - 'VANCOUVER' GREEN COLOUR (PANTONE #368) TO BE APPROVED PRIOR TO APPLICATION.
 - GLASS BEADS TO CONFORM TO ASSHOTO M247 TYPE 1 (STD GRADATION) SPECIFICATIONS.
 - SAMPLE OF MMA MATERIALS WILL BE REQUIRED.
 - PRODUCT DETAILS AND SPECIFICATIONS TO BE SUBMITTED TO OWNER FOR FINAL APPROVAL



32524

PLOT DATE: January 21, 2025

REV NO	REVISIONS	DATE	DRAWN	APPRD
A	DETAILED DESIGN	2024/10/21	GA	CJB
B	ISSUED FOR TENDER	2025/01/21	PM	CJB

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

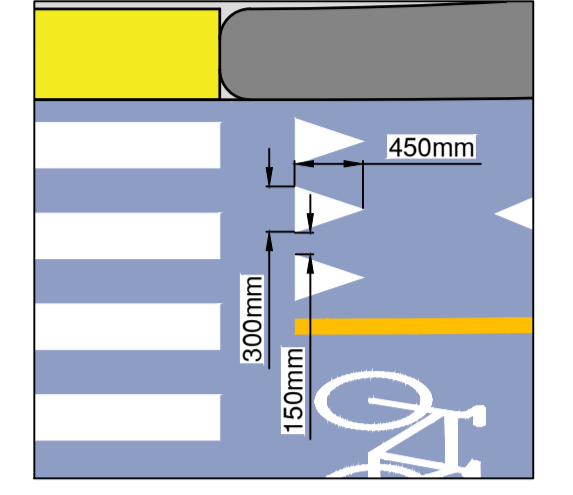
STA 10+180 TO STA 10+400
 PAVEMENT MARKINGS



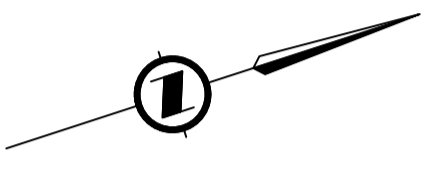
ISL
 #201, 3999 Herring Drive, Burnaby, B.C. V5C 6P9
 T: (604)629-2698 F: (604)629-2698

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DRAWN BY	PM	DESIGN BY	CJB
CHECKED BY	CJB	APPROVED BY	CJB
		REV.	B

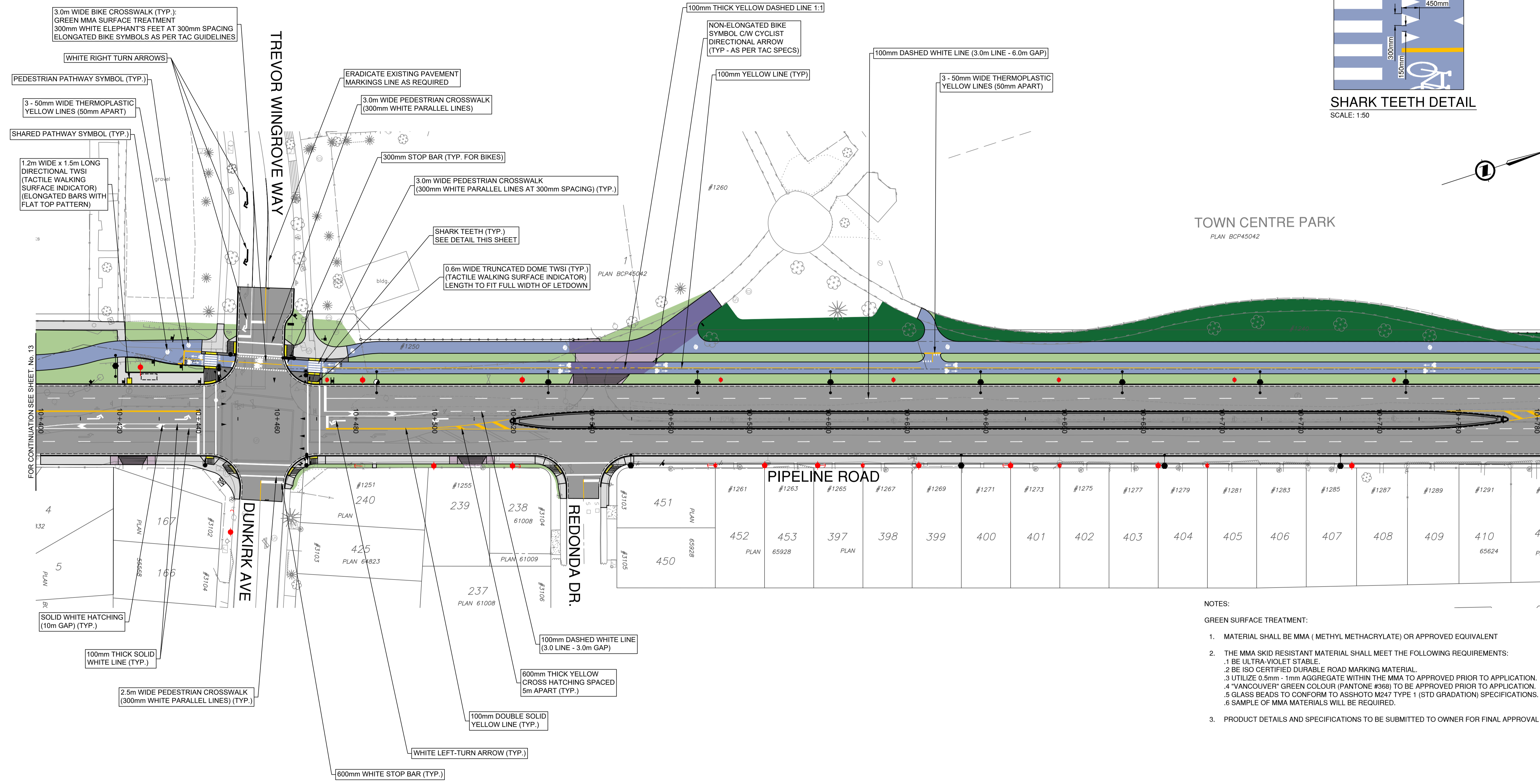
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SHARK TEETH DETAIL
SCALE: 1:50



TOWN CENTRE PARK
PLAN BCP45042



- NOTES:
- GREEN SURFACE TREATMENT:
- MATERIAL SHALL BE MMA (METHYL METHACRYLATE) OR APPROVED EQUIVALENT
 - THE MMA SKID RESISTANT MATERIAL SHALL MEET THE FOLLOWING REQUIREMENTS:
 - BE ULTRA-VIOLET STABLE.
 - BE ISO CERTIFIED DURABLE ROAD MARKING MATERIAL.
 - UTILIZE 0.5mm - 1mm AGGREGATE WITHIN THE MMA TO APPROVED PRIOR TO APPLICATION.
 - "VANCOUVER" GREEN COLOUR (PANTONE #368) TO BE APPROVED PRIOR TO APPLICATION.
 - GLASS BEADS TO CONFORM TO ASSHOTO M247 TYPE 1 (STD GRADATION) SPECIFICATIONS.
 - SAMPLE OF MMA MATERIALS WILL BE REQUIRED.
 - PRODUCT DETAILS AND SPECIFICATIONS TO BE SUBMITTED TO OWNER FOR FINAL APPROVAL



32524

PLOT DATE: January 21, 2025

REV NO	REVISIONS	DATE	DRAWN	APPRD
A	DETAILED DESIGN	2024/10/21	GA	CJB
B	ISSUED FOR TENDER	2025/01/21	PM	CJB

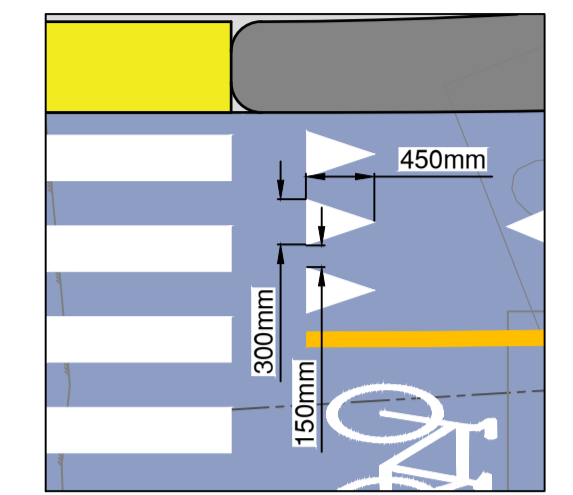
Coquitlam
Engineering & Public Works
3000 Guildford Way, Coquitlam, B.C. V3B 7N2

**STA 10+400 TO STA 10+780
PAVEMENT MARKINGS**

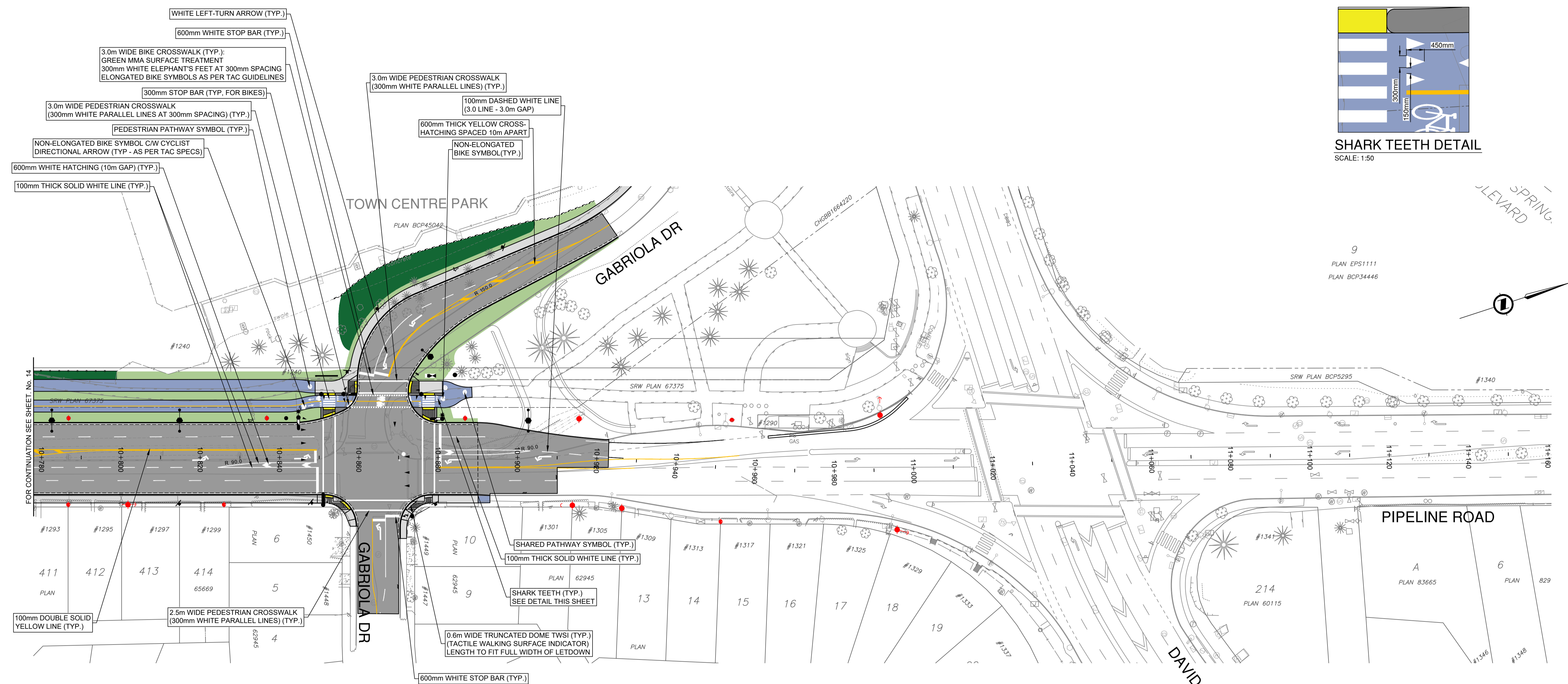
ISL
#201, 3999 Hemming Drive, Burnaby, B.C. V5C 6P9
T: (604)609-2698 F: (604)609-2698

IFT DESIGN NO.		SCALE		CREATION DATE		DWG. NO.	
SCALE	1:500	CREATION DATE	2424/11/01	DWG. NO.	14	OF	47
DRAWN BY	PM	DESIGN BY	CJB	CHECKED BY	CJB	APPROVED BY	CJB
							REV. B

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SHARK TEETH DETAIL
SCALE: 1:50



- NOTES:
- GREEN SURFACE TREATMENT:
- MATERIAL SHALL BE MMA (METHYL METHACRYLATE) OR APPROVED EQUIVALENT
 - THE MMA SKID RESISTANT MATERIAL SHALL MEET THE FOLLOWING REQUIREMENTS:
 - BE ULTRA-VIOLET STABLE.
 - BE ISO CERTIFIED DURABLE ROAD MARKING MATERIAL.
 - UTILIZE 0.5mm - 1mm AGGREGATE WITHIN THE MMA TO APPROVED PRIOR TO APPLICATION.
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PLOT DATE: January 21, 2025

REV NO	REVISIONS	DATE	DRAWN	APPRD
A	DETAILED DESIGN	2024/10/21	GA	CJB
B	ISSUED FOR TENDER	2025/01/21	PM	CJB

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

STA 10+780 TO STA 11+160
PAVEMENT MARKINGS



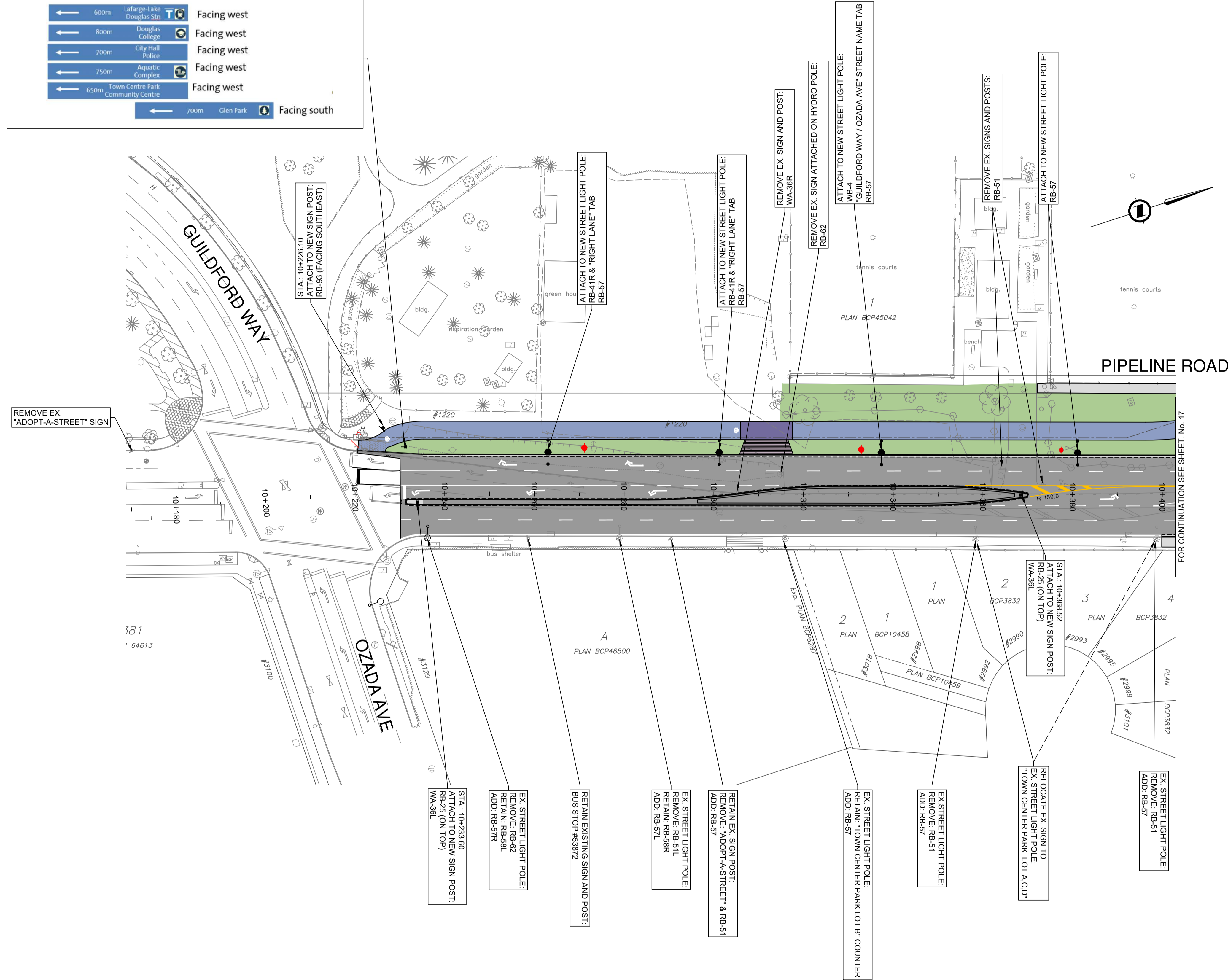
ISL
#201, 3999 Henning Drive, Burnaby, B.C. V5C 6P9
T: (604)520-3098 F: (604)520-3098

SCALE	1:500	CREATION DATE	2424/11/01	DWG. NO.	15
DRAWN BY	PM	DESIGN BY	CJB	OF	47
CHECKED BY	CJB	APPROVED BY	CJB	REV.	B

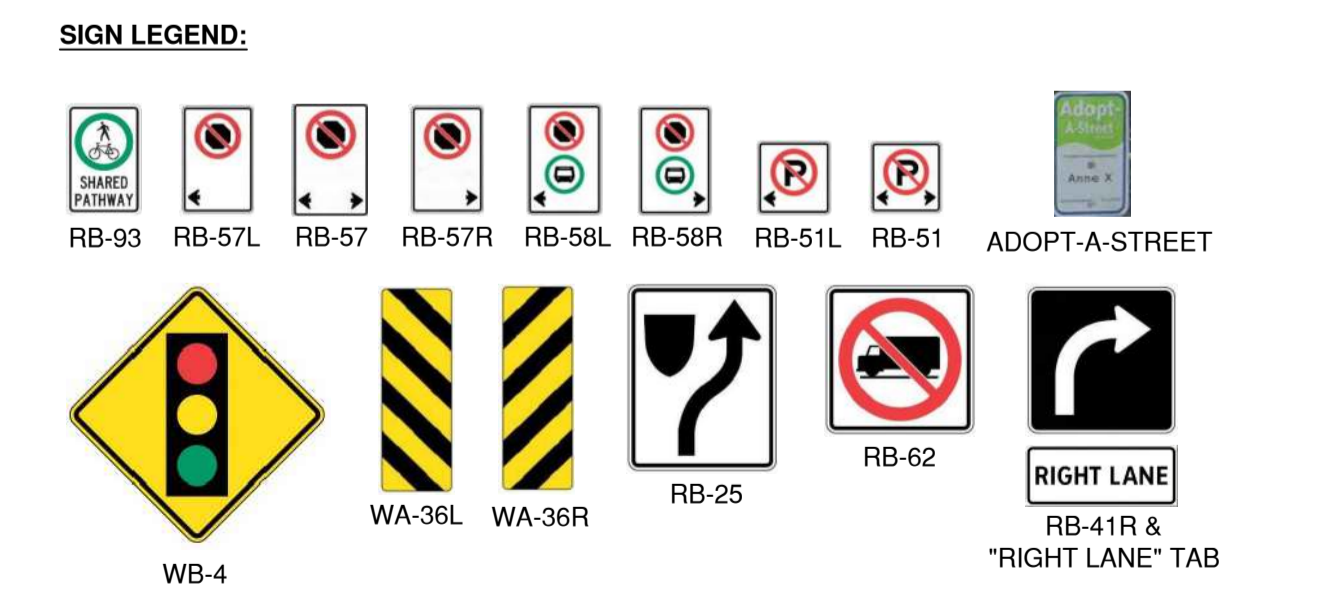
IFT 1:500 DESIGN NO. **32524**

PEDESTRIAN FINGERBOARD SIGNS AS PER CITY OF COQUITLAM WAYFINDING GUIDELINES:

← 600m	Lafarge Lake Douglas Str	Facing west
← 800m	Douglas College	Facing west
← 700m	City Hall Police	Facing west
← 750m	Aquatic Complex	Facing west
← 650m	Town Centre Park Community Centre	Facing west
← 700m	Glen Park	Facing south



- NOTES:
- NEW SIGNAGE POST SLEEVES TO BE IN PLACE PRIOR TO CONCRETE WORKS
 - SIGNAGE HEIGHTS AND LATERAL CLEARANCES TO BE AS PER BC MOTI MANUAL OF STANDARD TRAFFIC SIGNS AND PAVEMENT MARKINGS



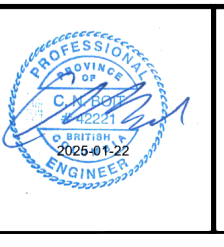
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PLOT DATE: January 21, 2025

REV NO	REVISIONS	DATE	DRAWN	APPRD
A	DETAILED DESIGN	2024/10/21	GA	CJB
B	ISSUED FOR TENDER	2025/01/21	PM	CJB

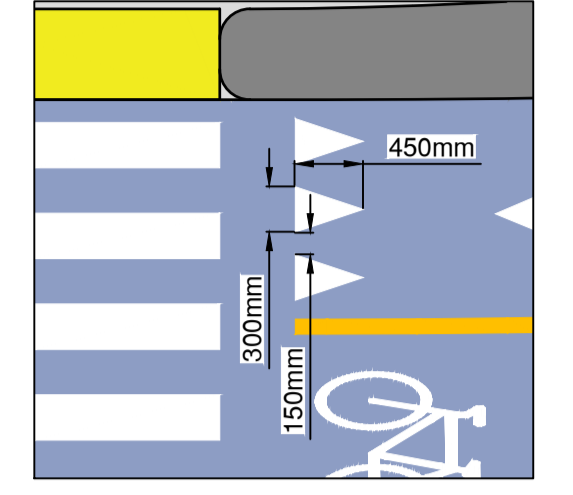
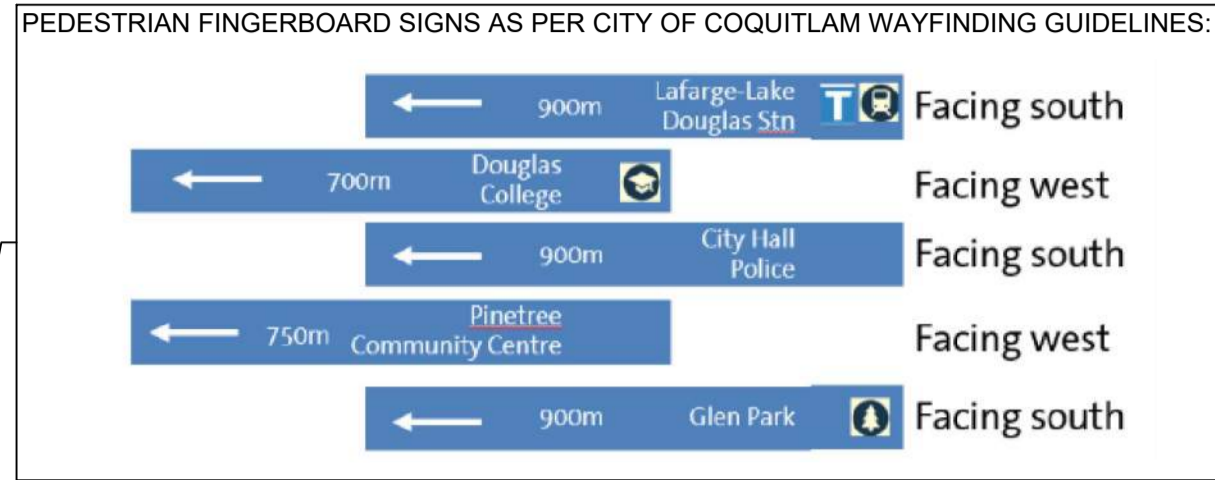


STA 10+180 TO STA 10+400 SIGNAGE

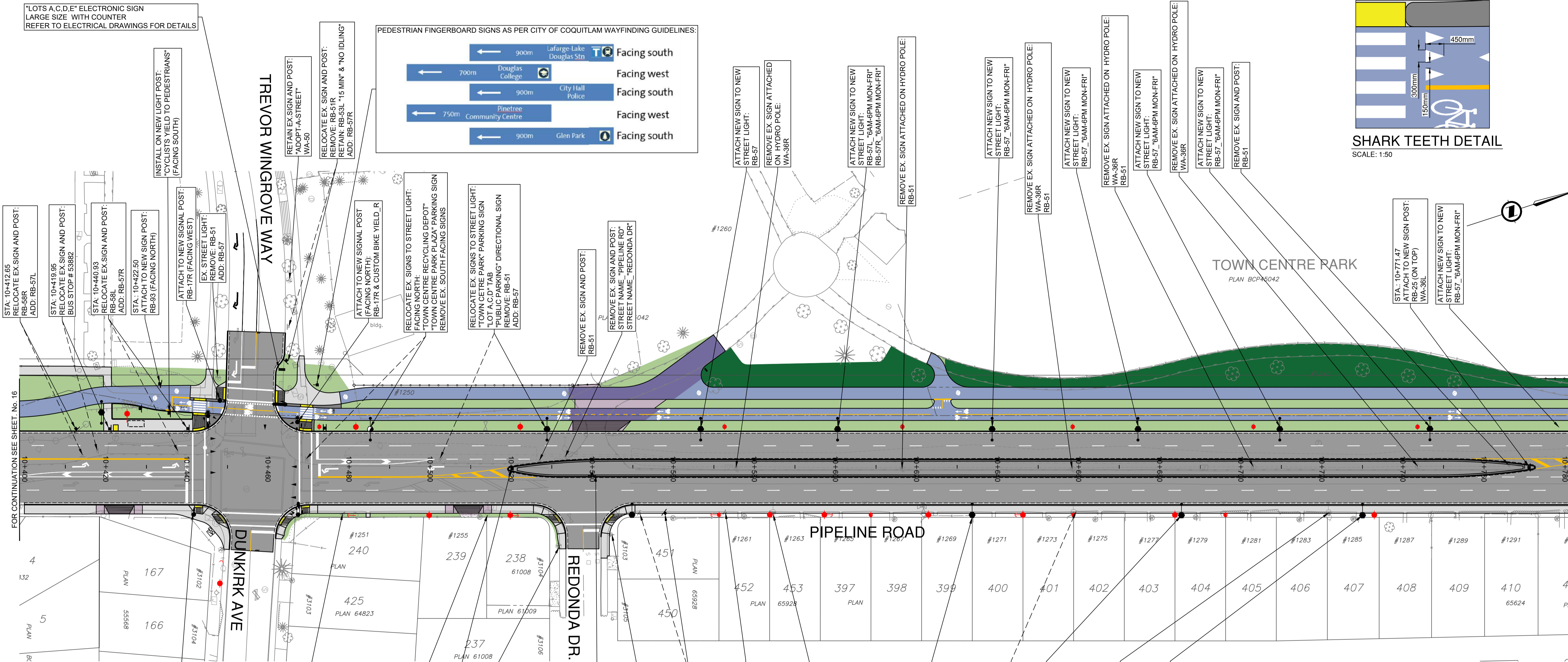


SCALE	1:500	IFT DESIGN NO.	32524	DWG. NO.	16 OF 47
DRAWN BY	PM	CREATION DATE	2424/11/01	REV.	B
CHECKED BY	CJB	DESIGN BY	CJB		
		APPROVED BY	CJB		

"LOTS A,C,D,E" ELECTRONIC SIGN
LARGE SIZE WITH COUNTER
REFER TO ELECTRICAL DRAWINGS FOR DETAILS



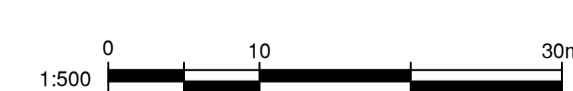
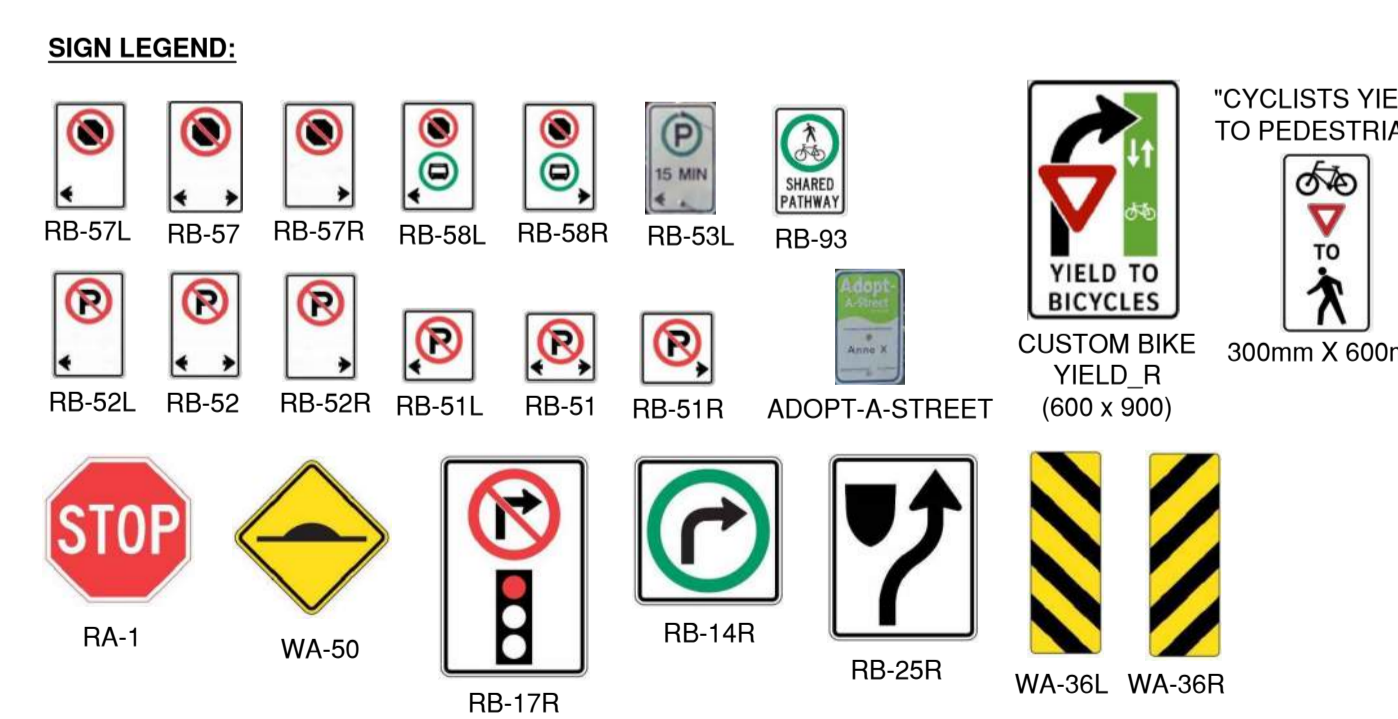
SHARK TEETH DETAIL
SCALE: 1:50



FOR CONTINUATION SEE SHEET No. 16

FOR CONTINUATION SEE SHEET No. 18

NOTES:
 - NEW SIGNAGE POST SLEEVES TO BE IN PLACE PRIOR TO CONCRETE WORKS
 - SIGNAGE HEIGHTS AND LATERAL CLEARANCES TO BE AS PER BC MOTI MANUAL OF STANDARD TRAFFIC SIGNS AND PAVEMENT MARKINGS



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REV NO	REVISIONS	DATE	DRAWN	APPRD
A	DETAILED DESIGN	2024/10/21	GA	CJB
B	ISSUED FOR TENDER	2025/01/21	PM	CJB



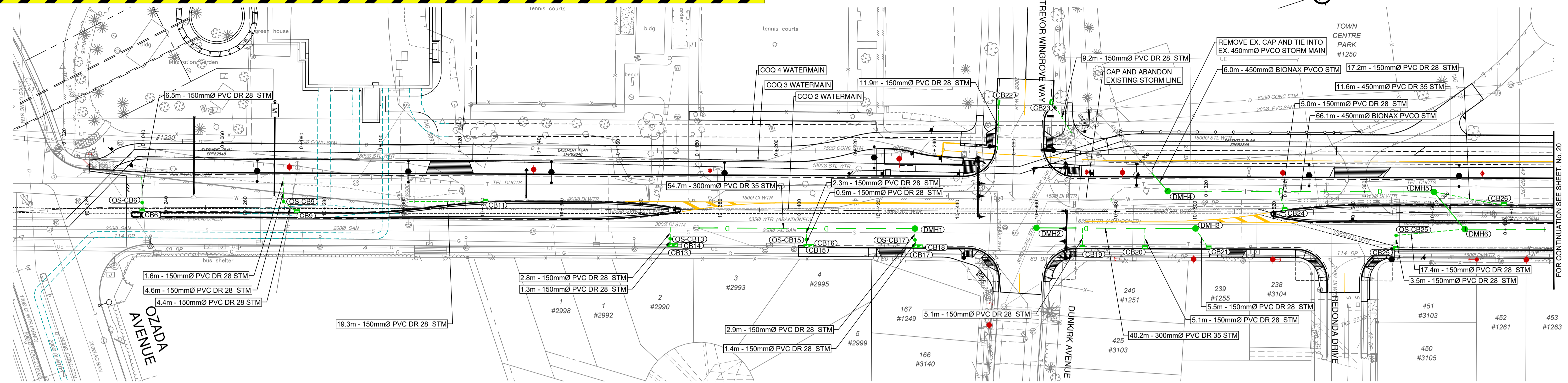
STA 10+180 TO STA 10+400 SIGNAGE



IFT DESIGN NO.		32524	
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DWG. NO.	17	REV.	B

IMPORTANT:

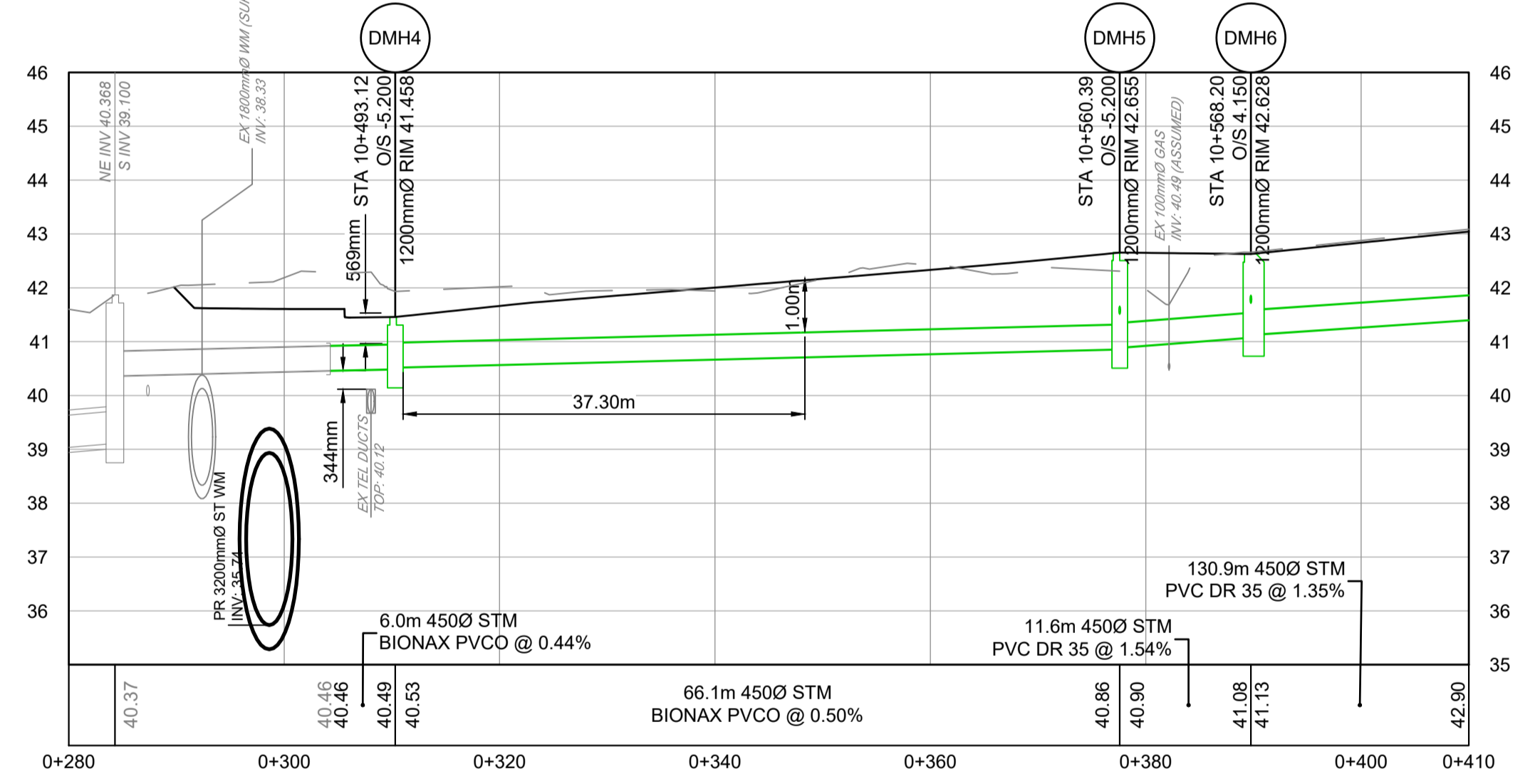
- SCOPE AND EXPOSE EX. UTILITIES/SERVICES, AND RECORD LOCATION, SIZE & INVERT ELEVATIONS AT PROP. OR POTENTIAL CROSSINGS PRIOR TO CONSTRUCTION. THE AS-BUILT UNDERGROUND INFORMATION SHOWN ON THIS DRAWING IS DERIVED FROM COMBINATION OF SURVEY AND RECORD DRAWINGS AND REQUIRE CONFIRMATION OF LOCATION PRIOR TO CONSTRUCTION.
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- CONTRACTOR TO ENSURE MINIMUM COVER OF 1.0m IS MAINTAINED OVER ALL METRO VANCOUVER WATERMANS. NOTIFY PROJECT ENGINEER IF PROPOSED DESIGN GRADES REDUCE COVER BELOW THE MINIMUM.
- ALL PROXIMAL WORK WITHIN 2.0m OF EXISTING METRO VANCOUVER WATERMANS MUST BE COMPLETED PRIOR TO APRIL 15, 2025. A REPRESENTATIVE MUST BUT ON SITE DURING ALL MV PROXIMAL WORK.



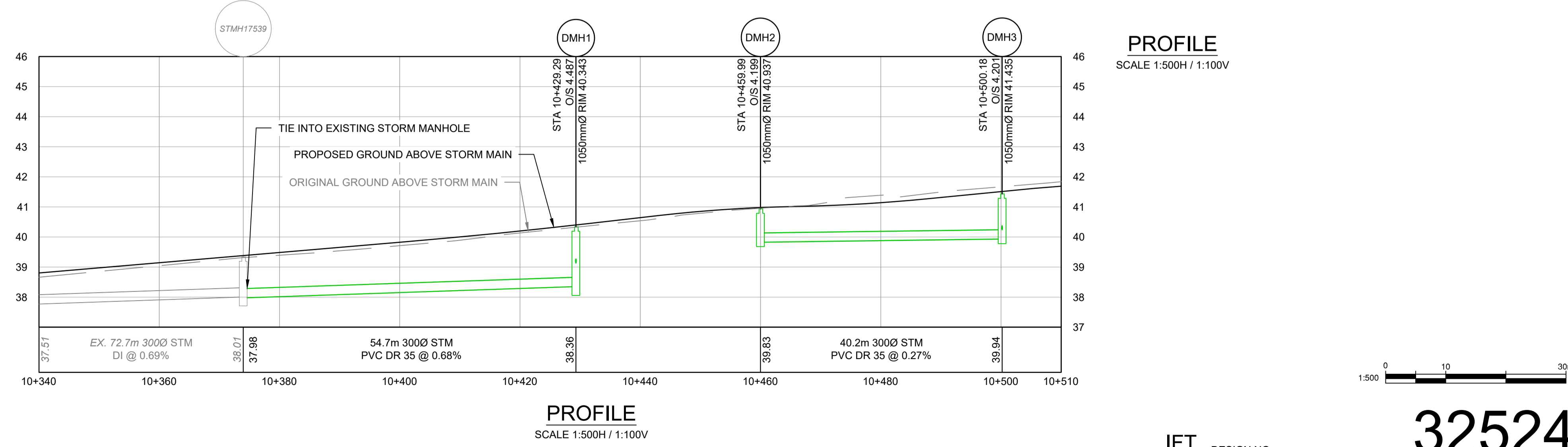
PLAN
SCALE 1:500

CB No.	RIM EL.	LOCATION	TYPE
CB6	38.162	STA. 10+233.987 O/S 1.198 RT	600mm SUMPLESS MEDIAN CURB CATCH BASIN C/W OFFSET SUMP PER COQ-S11B
CB9	38.323	STA. 10+273.100 O/S 1.200 RT	600mm SUMPLESS MEDIAN CURB CATCH BASIN C/W OFFSET SUMP PER COQ-S11B
CB11	38.887	STA. 10+320.798 O/S 1.706 LT	600mm SIDE INLET MEDIAN CATCH BASIN
CB13	39.047	STA. 10+367.435 O/S 9.300 RT	600mm TOP INLET CATCH BASIN C/W OFFSET SUMP PER COQ-S11B
CB14	39.069	STA. 10+368.695 O/S 9.300 RT	600mm TOP INLET CATCH BASIN C/W OFFSET SUMP PER COQ-S11B
CB15	39.637	STA. 10+401.837 O/S 9.300 RT	600mm TOP INLET CATCH BASIN C/W OFFSET SUMP PER COQ-S11B
CB16	39.661	STA. 10+403.087 O/S 9.300 RT	600mm TOP INLET CATCH BASIN C/W OFFSET SUMP PER COQ-S11B
CB17	40.242	STA. 10+429.301 O/S 9.300 RT	600mm TOP INLET CATCH BASIN C/W OFFSET SUMP PER COQ-S11B
CB18	40.273	STA. 10+430.551 O/S 9.300 RT	600mm TOP INLET CATCH BASIN C/W OFFSET SUMP PER COQ-S11B
CB19	40.915	STA. 10+471.660 O/S 9.300 RT	900mm SIDE INLET CATCH BASIN ASSEMBLY AS PER COQ. STD. DWG. COQ-S11A
CB20	41.094	STA. 10+487.414 O/S 9.300 RT	900mm SIDE INLET CATCH BASIN ASSEMBLY AS PER COQ. STD. DWG. COQ-S11A
CB21	41.470	STA. 10+503.536 O/S 9.311 RT	900mm SIDE INLET CATCH BASIN ASSEMBLY AS PER COQ. STD. DWG. COQ-S11A
CB22	41.364	STA. 10+449.947 O/S -27.486 LT	900mm SIDE INLET CATCH BASIN ASSEMBLY AS PER COQ. STD. DWG. COQ-S11A
CB23	41.469	STA. 10+463.944 O/S -27.550 LT	900mm SIDE INLET CATCH BASIN ASSEMBLY AS PER COQ. STD. DWG. COQ-S11A
CB24	41.879	STA. 10+522.786 O/S -0.462 LT	600mm SIDE INLET MEDIAN CATCH BASIN
CB25	42.153	STA. 10+550.804 O/S 9.300 RT	600mm TOP INLET CATCH BASIN C/W OFFSET SUMP PER COQ-S11B
CB26	42.923	STA. 10+578.099 O/S -1.900 LT	600mm SIDE INLET MEDIAN CATCH BASIN
OS-CB6	37.920	STA. 10+233.973 O/S -1.161 LT	600mm OFFSET SUMP AS PER COQ-S11B
OS-CB9	38.191	STA. 10+269.694 O/S -1.541 LT	600mm OFFSET SUMP AS PER COQ-S11B
OS-CB13	39.123	STA. 10+367.443 O/S 7.350 RT	600mm OFFSET SUMP AS PER COQ-S11B
OS-CB15	39.712	STA. 10+401.835 O/S 7.350 RT	600mm OFFSET SUMP AS PER COQ-S11B
OS-CB17	40.307	STA. 10+429.301 O/S 7.353 RT	600mm OFFSET SUMP AS PER COQ-S11B
OS-CB25	42.359	STA. 10+550.865 O/S 5.801 RT	600mm OFFSET SUMP AS PER COQ-S11B
OS-CB27	43.108	STA. 10+593.110 O/S 5.800 RT	600mm OFFSET SUMP AS PER COQ-S11B

MH No.	RIM EL.	PIPE INV.	LOCATION	TYPE
DMH1	RIM = 40.34	S Out 38.36 E In 39.13	STA. 10+429.293 O/S 4.487 RT	1,050mm MH AS PER MMCD S1
DMH2	RIM = 40.94	N In 39.83	STA. 10+459.985 O/S 4.199 RT	1,050mm MH AS PER MMCD S1
DMH3	RIM = 41.44	S Out 39.94 E In 40.23	STA. 10+500.176 O/S 4.201 RT	1,050mm MH AS PER MMCD S1
DMH4	RIM = 41.46	N Out 40.53 SW In 40.49	STA. 10+493.123 O/S -5.200 LT	1,200mm MH AS PER MMCD S1
DMH5	RIM = 42.65	E In 40.90 S In 40.86 NE In 41.51	STA. 10+560.391 O/S -5.200 LT	1,200mm MH AS PER MMCD S1
DMH6	RIM = 42.63	N Out 41.13 W Out 41.08 S In 41.71	STA. 10+568.201 O/S 4.150 RT	1,200mm MH AS PER MMCD S1



PROFILE
SCALE 1:500H / 1:100V



PROFILE
SCALE 1:500H / 1:100V

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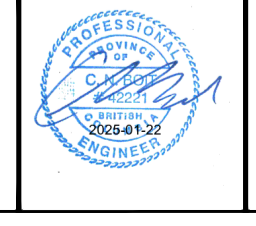
PLOT DATE: January 21, 2025

REV NO	REVISIONS	DATE	DRAWN	APPRD
A	DETAILED DESIGN	2023/07/31	GA	CJB
B	ISSUED FOR TENDER	2025/01/21	PM	CJB



STORM SEWER

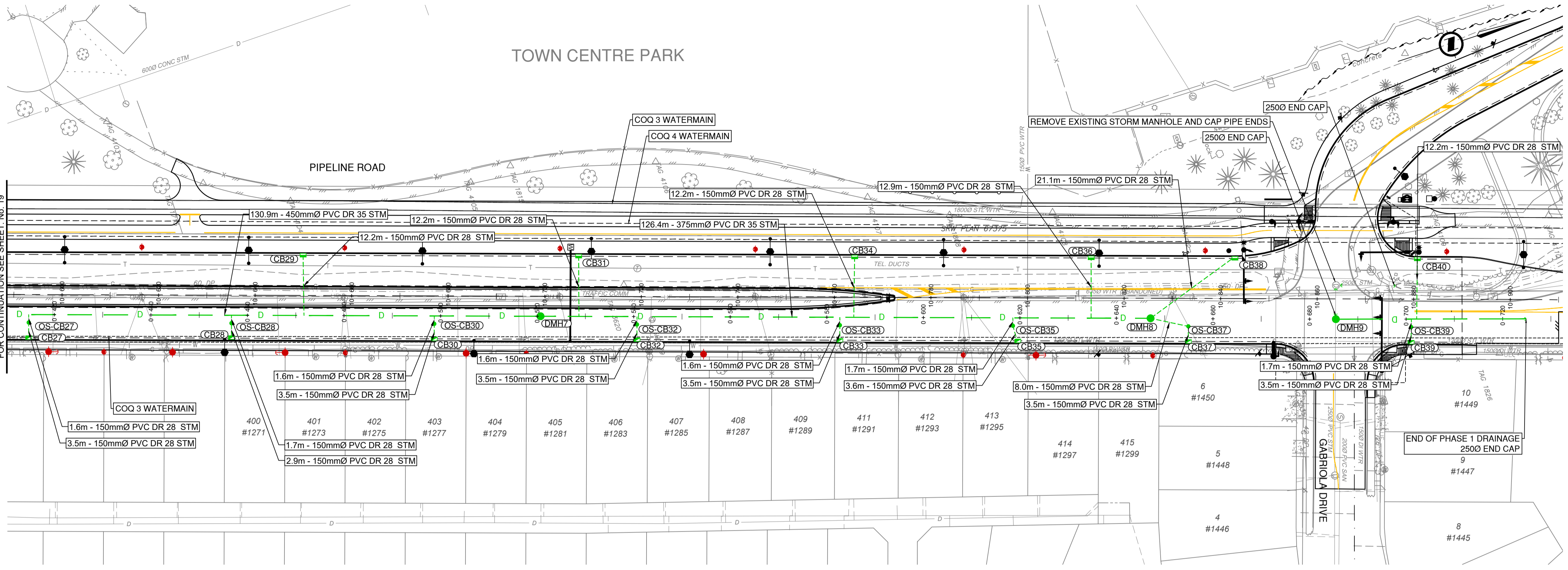
**STA 10+210 TO STA 10+590
PIPELINE ROAD**



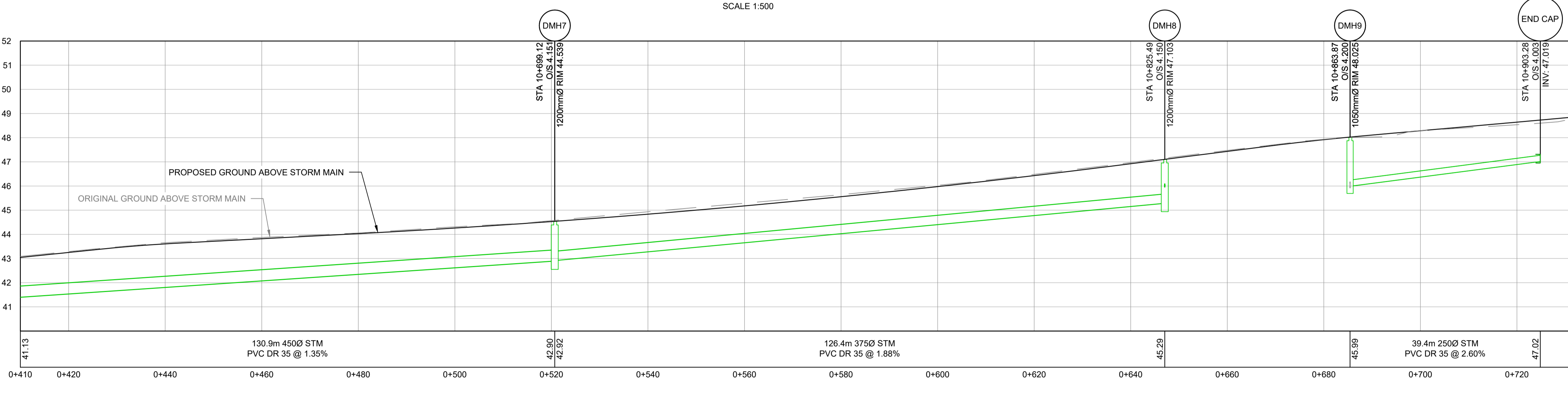
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CHECKED BY	CJB	APPROVED BY	CJB	47
IFT DESIGN NO.				REV. B

32524

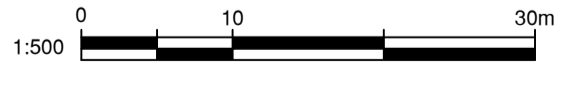
IMPORTANT:
 1. SCOPE AND EXPOSE EX. UTILITIES/SERVICES, AND RECORD LOCATION, SIZE & INVERT ELEVATIONS AT PROP. OR POTENTIAL CROSSINGS PRIOR TO CONSTRUCTION. THE AS-BUILT UNDERGROUND INFORMATION SHOWN ON THIS DRAWING IS DERIVED FROM COMBINATION OF SURVEY AND RECORD DRAWINGS AND REQUIRE CONFIRMATION OF LOCATION PRIOR TO CONSTRUCTION.
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 3. CONTRACTOR TO ENSURE MINIMUM COVER OF 1.0m IS MAINTAINED OVER ALL METRO VANCOUVER WATERMANS. NOTIFY PROJECT ENGINEER IF PROPOSED DESIGN GRADES REDUCE COVER BELOW THE MINIMUM.
 4. ALL PROXIMAL WORK WITHIN 2.0m OF EXISTING METRO VANCOUVER WATERMANS MUST BE COMPLETED PRIOR TO APRIL 15, 2025. A REPRESENTATIVE MUST BE ON SITE DURING ALL MV PROXIMAL WORK.



CATCH BASIN AND OFFSET SUMP TABLE			
CB No.	RIM EL.	LOCATION	TYPE
CB27	43.001	STA. 10+593.114 O/S 9.300 RT	600mm TOP INLET CATCH BASIN C/W OFFSET SUMP PER COQ-S11B
CB28	43.014	STA. 10+635.115 O/S 9.144 RT	600mm TOP INLET CATCH BASIN C/W OFFSET SUMP PER COQ-S11B
CB29	43.870	STA. 10+649.894 O/S -8.706 LT	900mm SIDE INLET CATCH BASIN ASSEMBLY AS PER COQ. STD. DWG. COQ-S11A
CB30	44.104	STA. 10+677.116 O/S 9.300 RT	600mm TOP INLET CATCH BASIN C/W OFFSET SUMP PER COQ-S11B
CB31	44.527	STA. 10+706.975 O/S -8.699 LT	900mm SIDE INLET CATCH BASIN ASSEMBLY AS PER COQ. STD. DWG. COQ-S11A
CB32	44.706	STA. 10+719.117 O/S 9.300 RT	600mm TOP INLET CATCH BASIN C/W OFFSET SUMP PER COQ-S11B
CB33	45.472	STA. 10+761.138 O/S 9.300 RT	600mm TOP INLET CATCH BASIN C/W OFFSET SUMP PER COQ-S11B
CB34	45.670	STA. 10+764.149 O/S -8.712 LT	900mm SIDE INLET CATCH BASIN ASSEMBLY AS PER COQ. STD. DWG. COQ-S11A
CB35	46.281	STA. 10+797.998 O/S 9.300 RT	600mm TOP INLET CATCH BASIN C/W OFFSET SUMP PER COQ-S11B
CB36	46.662	STA. 10+813.142 O/S -8.700 LT	900mm SIDE INLET CATCH BASIN ASSEMBLY AS PER COQ. STD. DWG. COQ-S11A
CB37	47.163	STA. 10+833.326 O/S 9.300 RT	600mm TOP INLET CATCH BASIN C/W OFFSET SUMP PER COQ-S11B
CB38	47.420	STA. 10+842.926 O/S -8.700 LT	900mm SIDE INLET CATCH BASIN ASSEMBLY AS PER COQ. STD. DWG. COQ-S11A
CB39	48.165	STA. 10+879.473 O/S 9.300 RT	600mm TOP INLET CATCH BASIN C/W OFFSET SUMP PER COQ-S11B
CB40	48.199	STA. 10+880.714 O/S -8.700 LT	900mm SIDE INLET CATCH BASIN ASSEMBLY AS PER COQ. STD. DWG. COQ-S11A
OS-CB27	43.108	STA. 10+593.110 O/S 5.800 RT	600mm OFFSET SUMP AS PER COQ-S11B
OS-CB28	43.106	STA. 10+635.106 O/S 5.800 RT	600mm OFFSET SUMP AS PER COQ-S11B
OS-CB30	44.211	STA. 10+677.114 O/S 5.801 RT	600mm OFFSET SUMP AS PER COQ-S11B
OS-CB32	44.813	STA. 10+719.108 O/S 5.800 RT	600mm OFFSET SUMP AS PER COQ-S11B
OS-CB33	45.579	STA. 10+761.130 O/S 5.800 RT	600mm OFFSET SUMP AS PER COQ-S11B
OS-CB35	46.364	STA. 10+796.976 O/S 5.800 RT	600mm OFFSET SUMP AS PER COQ-S11B
OS-CB37	47.270	STA. 10+833.326 O/S 5.801 RT	600mm OFFSET SUMP AS PER COQ-S11B
OS-CB39	48.381	STA. 10+879.499 O/S 5.803 RT	600mm OFFSET SUMP AS PER COQ-S11B



STORM MANHOLE TABLE				
MH No.	RIM EL.	PIPE INV.	LOCATION	TYPE
DMH7	RIM = 44.54	N Out 42.92 S In 42.90	STA. 10+699.125 O/S 4.151 RT	1,200mm MH AS PER MMCD S1
DMH8	RIM = 47.10	S In 45.29 NE In 45.95 N In 45.95	STA. 10+825.487 O/S 4.150 RT	1,200mm MH AS PER MMCD S1
DMH9	RIM = 48.03	N In 45.99	STA. 10+863.865 O/S 4.200 RT	1,050mm MH AS PER MMCD S1



PLOT DATE: January 21, 2025

REV NO.	REVISIONS	DATE	DRAWN	APPRD
A	DETAILED DESIGN	2023/07/31	GA	CJB
B	ISSUED FOR TENDER	2025/01/21	PM	CJB



STORM SEWER

STA 10+590 TO STA 10+910

PIPELINE ROAD



SCALE		AS SHOWN		CREATION DATE		2424/11/01		DWG. NO.	
DRAWN BY		PM		DESIGN BY		CJB		20 OF 47	
CHECKED BY		CJB		APPROVED BY		CJB		REV. B	

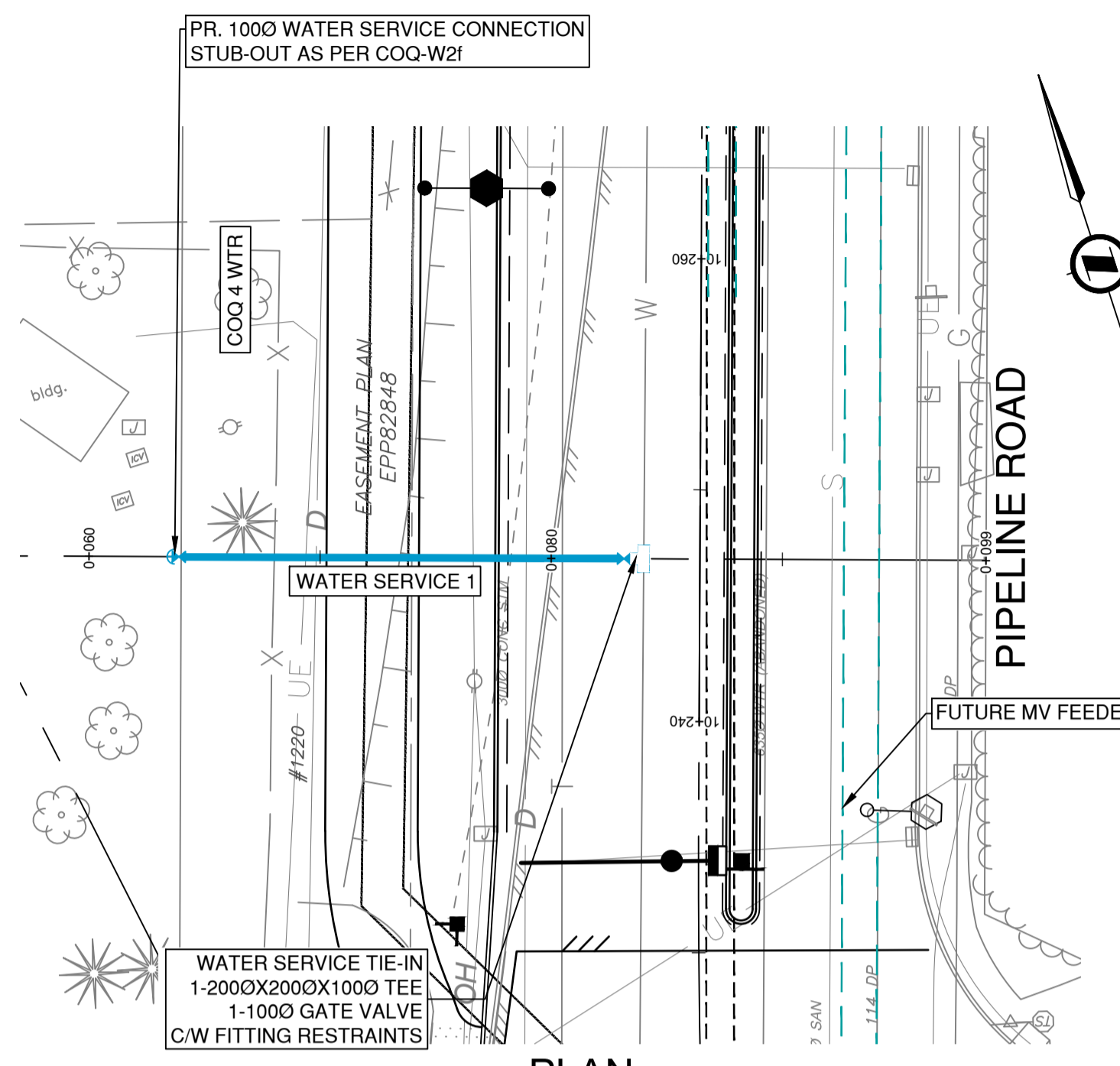
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IMPORTANT:

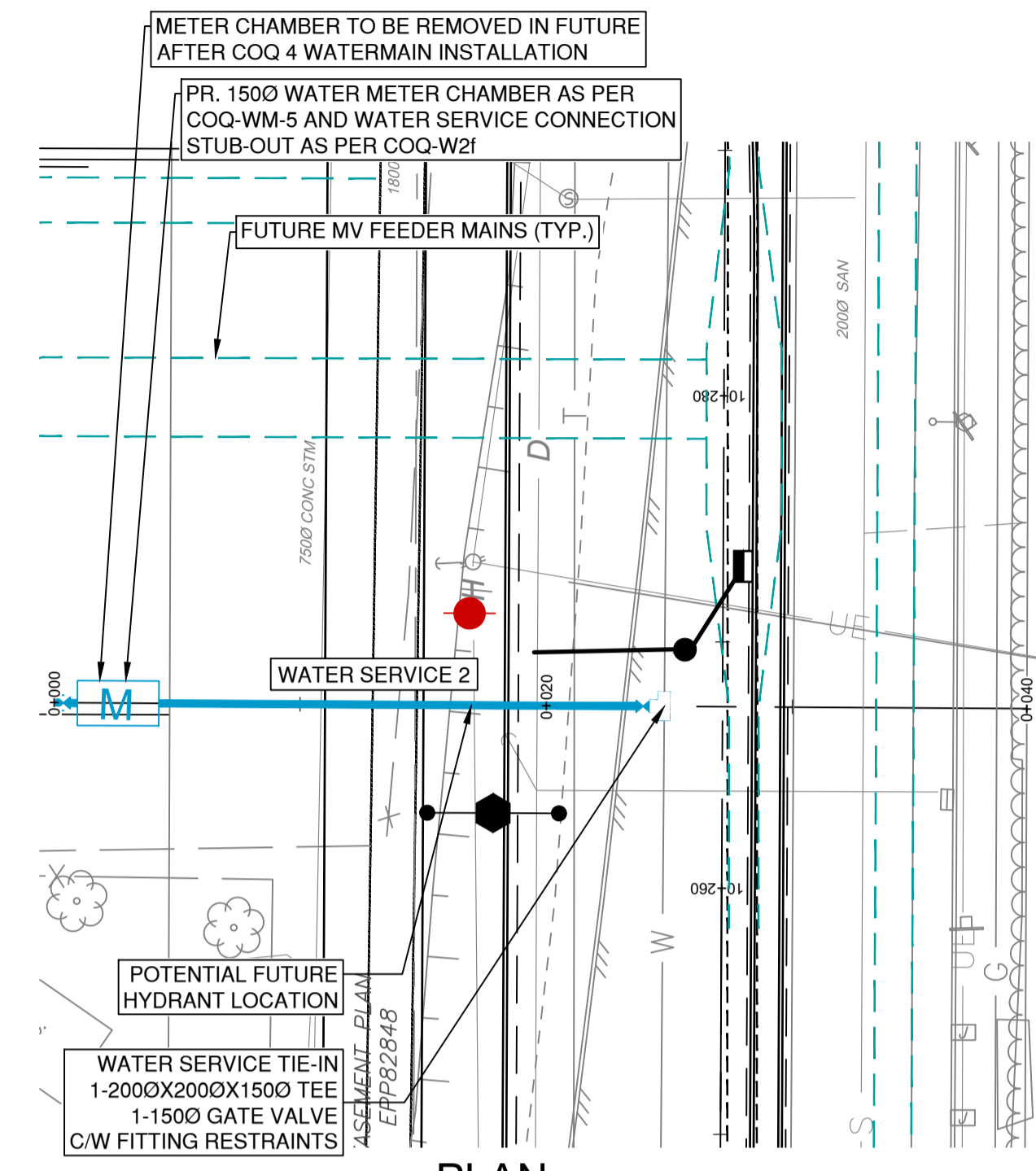
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- OIL AND GAS ACTIVITIES ACT (SEC. 76) REQUIRES WRITTEN PERMISSION MUST BE OBTAINED PRIOR TO ACTIVITY WITHIN THIRTY (30) METRES OF AN INTERMEDIATE PRESSURE PIPELINE OR TRANSMISSION PRESSURE PIPELINE.
- CONTRACTOR TO ENSURE MINIMUM COVER OF 1.0m IS MAINTAINED OVER ALL METRO VANCOUVER WATERMANS. NOTIFY PROJECT ENGINEER IF PROPOSED DESIGN GRADES REDUCE COVER BELOW THE MINIMUM.
- ALL PROXIMAL WORK WITHIN 2.0m OF EXISTING METRO VANCOUVER WATERMANS MUST BE COMPLETED PRIOR TO APRIL 15, 2025. A REPRESENTATIVE MUST BUT ON SITE DURING ALL MV PROXIMAL WORK.

WATERMAIN NOTES:

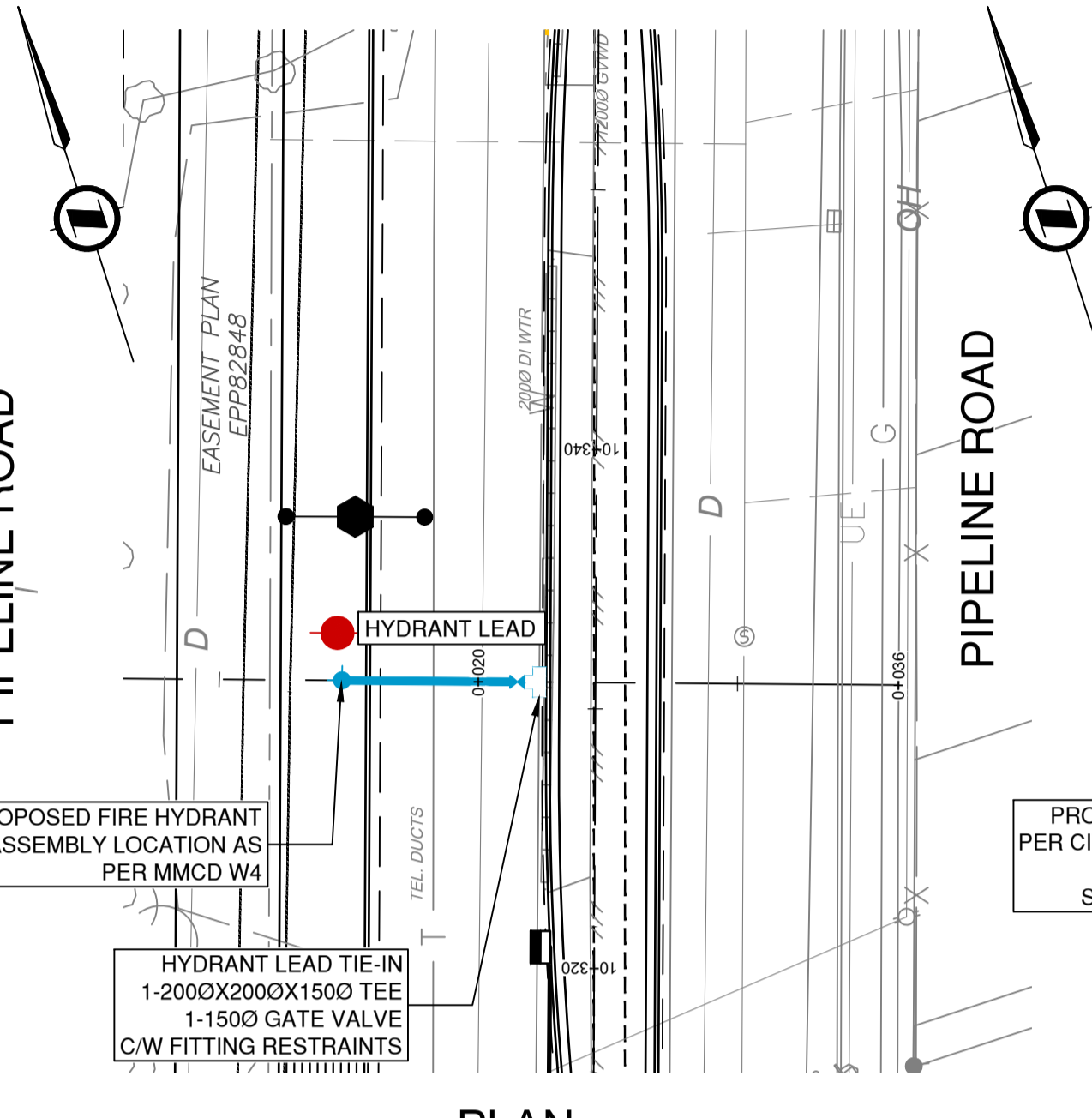
- ALL WATERMAIN JOINTS AND FITTINGS TO BE RESTRAINED
- CONTRACTOR TO HAVE PROPER SLOPE AND TRENCH SUPPORT IN PLACE DURING WORKS AROUND COQ2 WATERMAIN TO ENSURE COQ2 SUPPORT IS NOT COMPROMISED



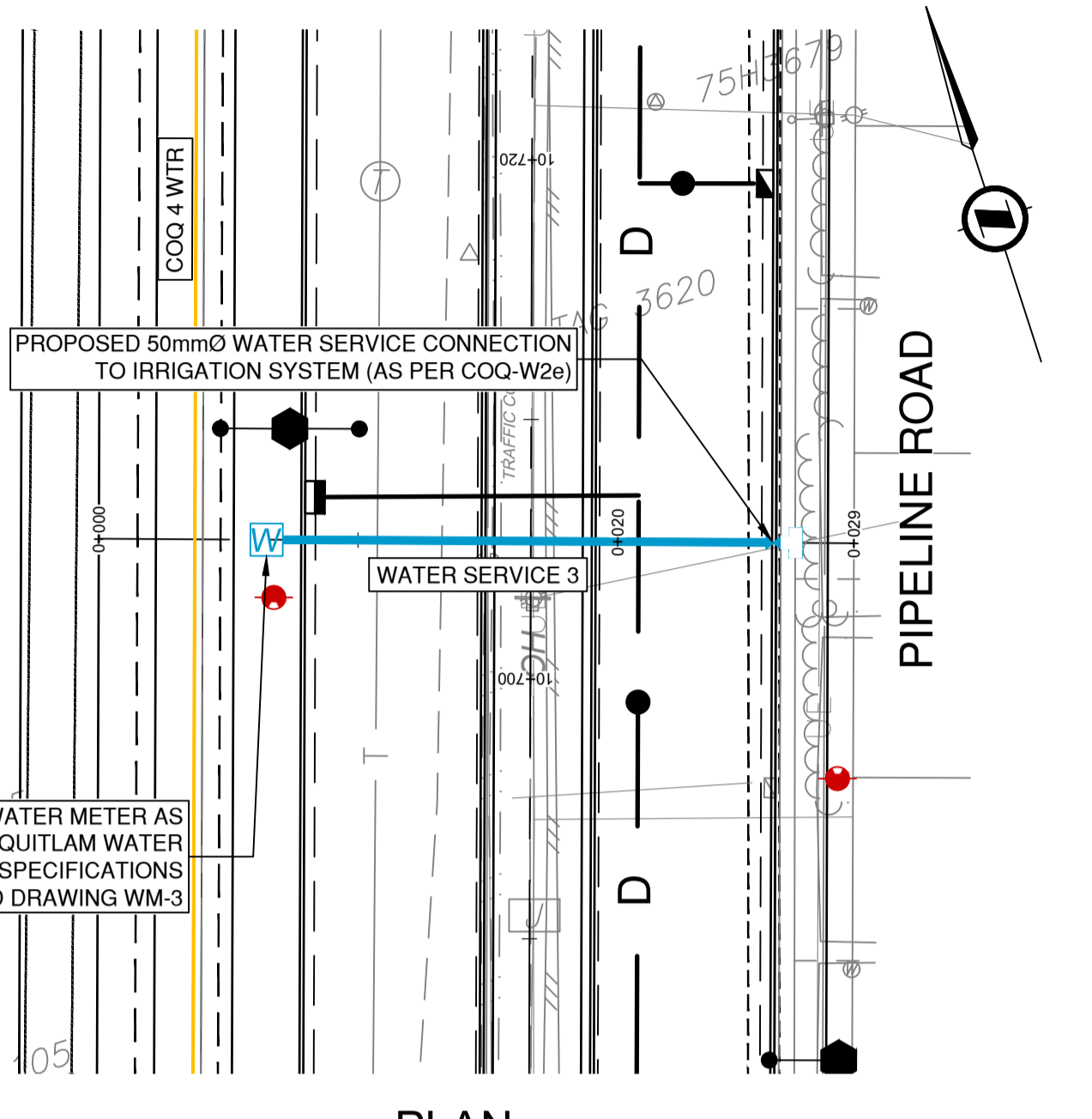
PLAN
SCALE 1:250



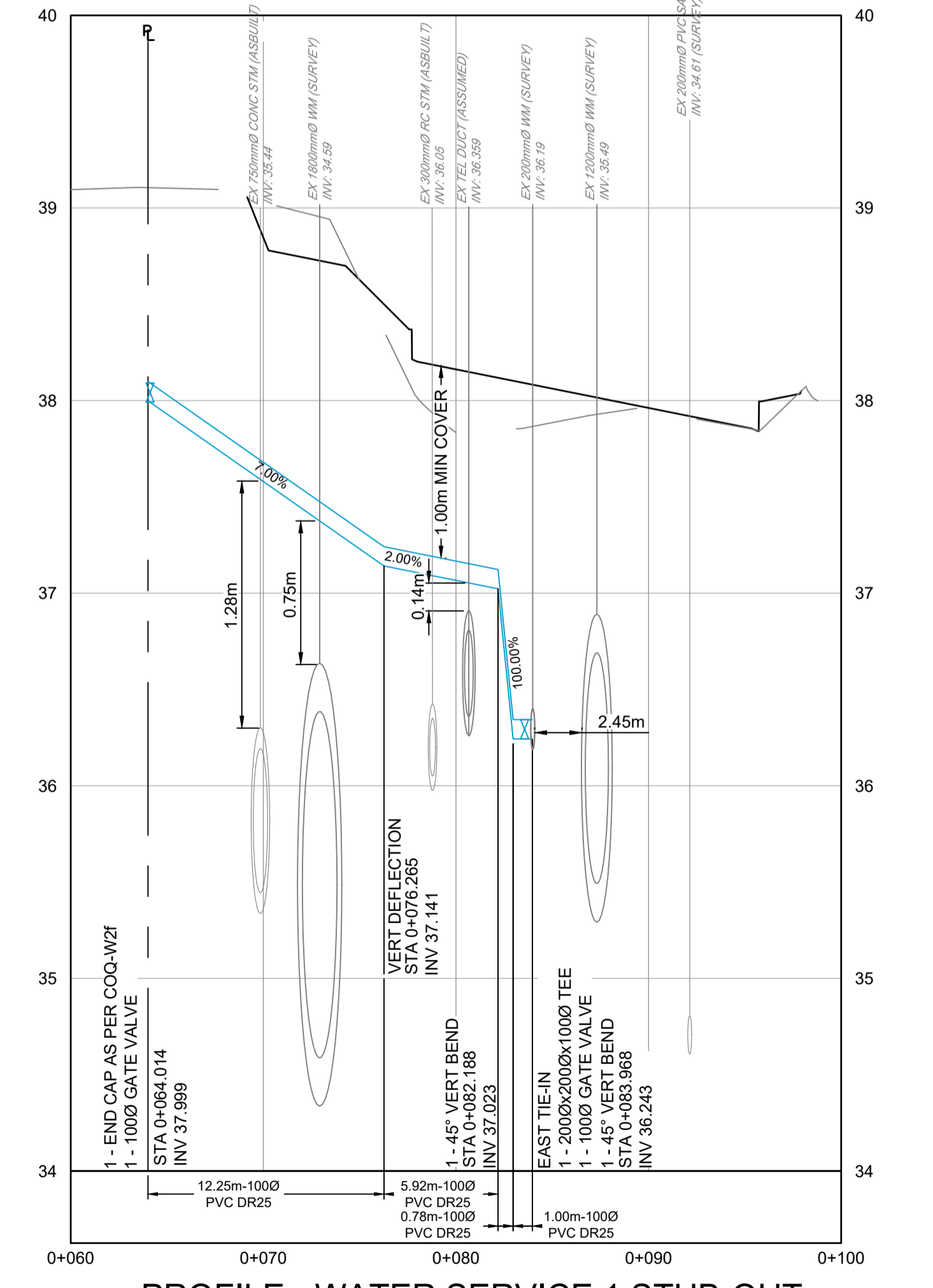
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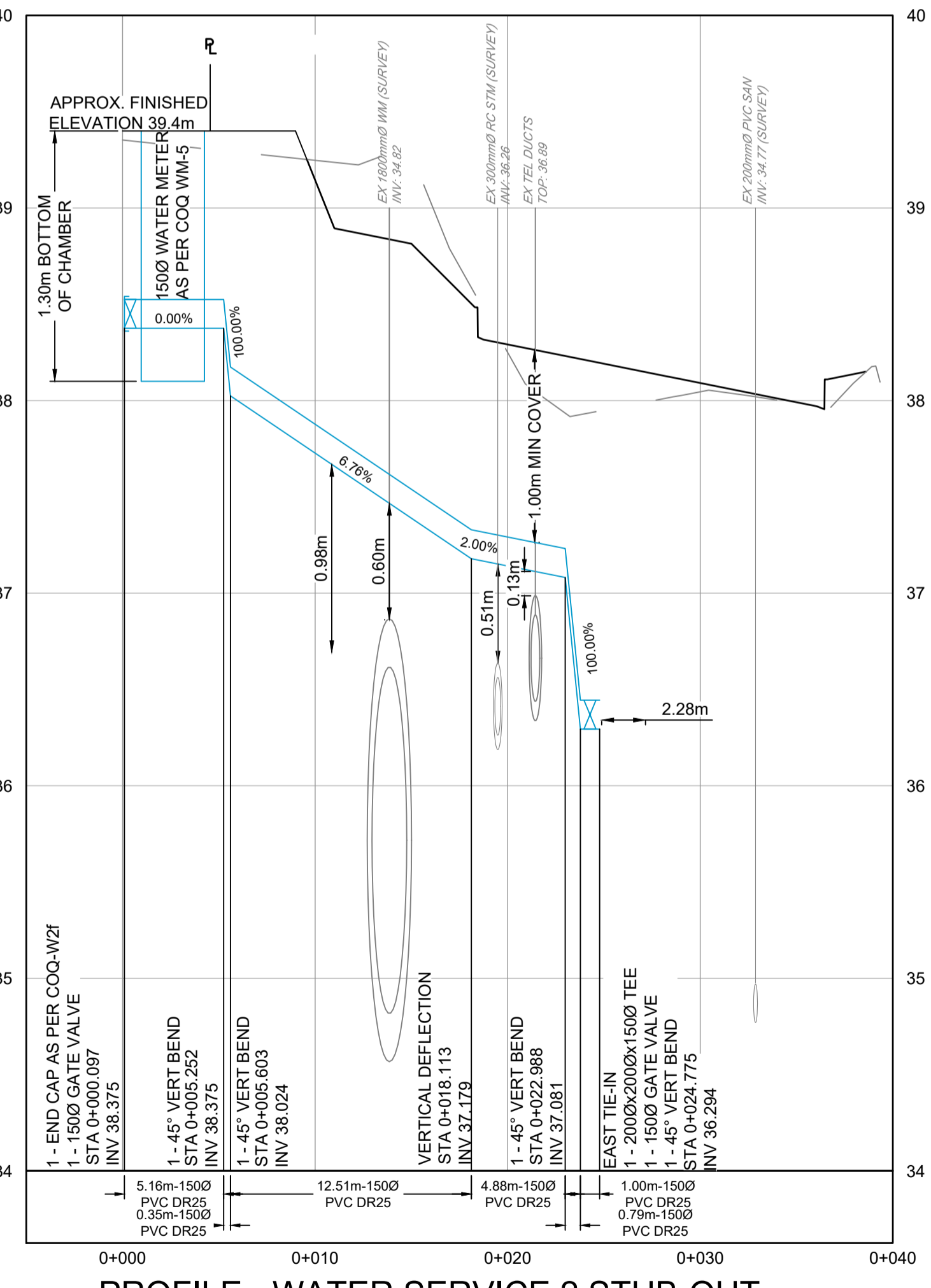
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SCALE 1:250



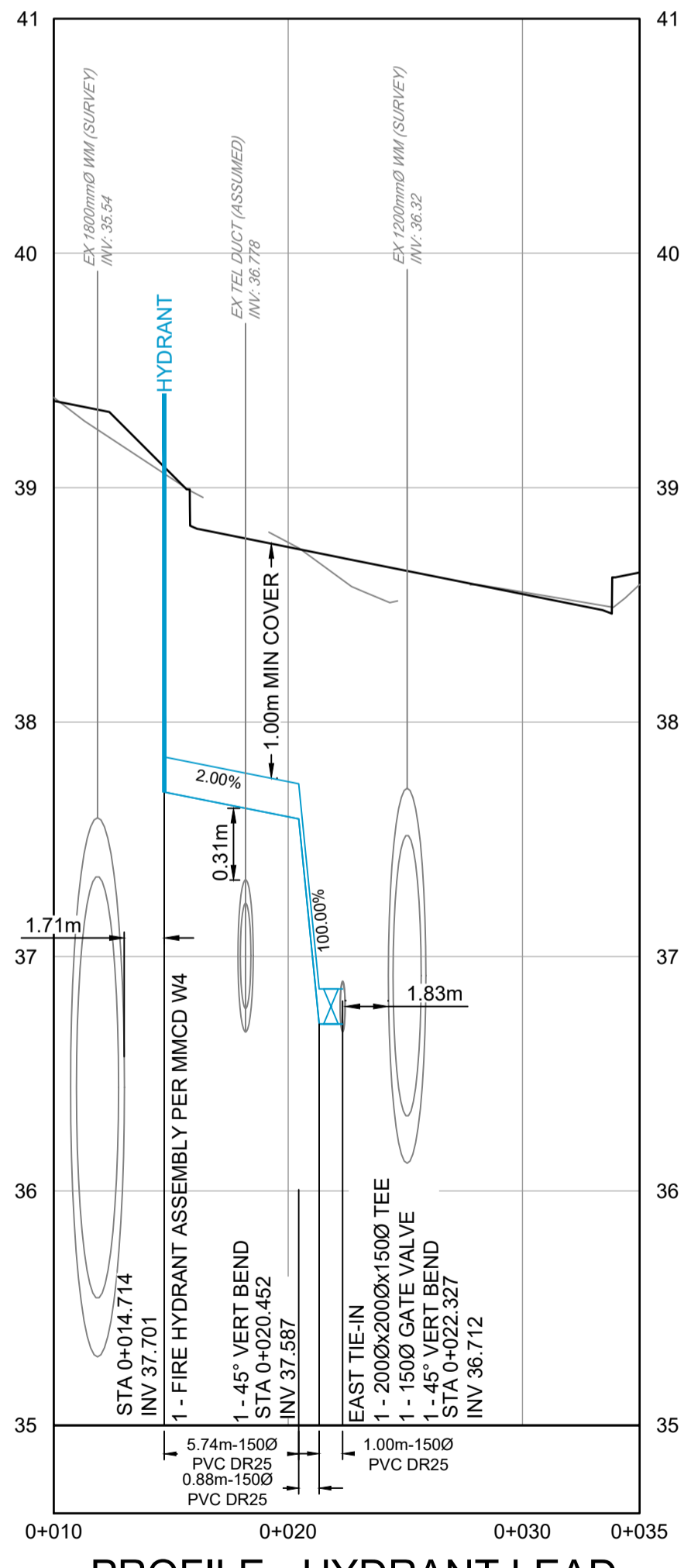
PLAN
SCALE 1:250



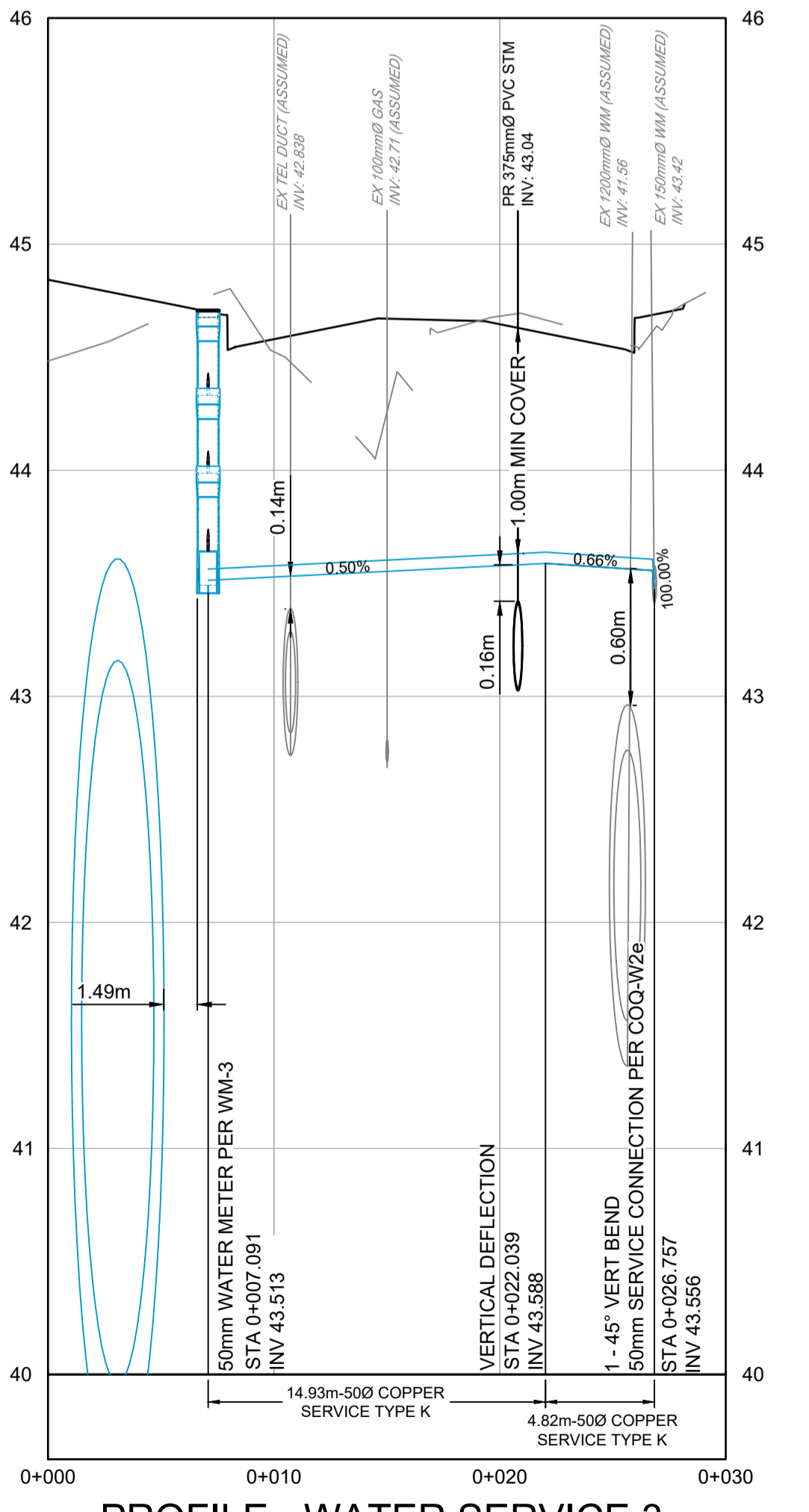
PROFILE - WATER SERVICE 1 STUB-OUT
SCALE 1:250H / 1:25V



PROFILE - WATER SERVICE 2 STUB-OUT
SCALE 1:250H / 1:25V



PROFILE - HYDRANT LEAD
SCALE 1:250H / 1:25V



PROFILE - WATER SERVICE 3
SCALE 1:250H / 1:25V

File: C:\ADS\ACCD\CSL\32524\Project Files\02_CADD\02_Drawing\02_Sheets\32524_SH_07_WATER.dwg

PLOT DATE: January 21, 2025

REV NO	REVISIONS	DATE	DRAWN	APPRD
A	DETAILED DESIGN	2023/07/31	GA	CJB
B	ISSUED FOR TENDER	2025/01/21	PM	CJB

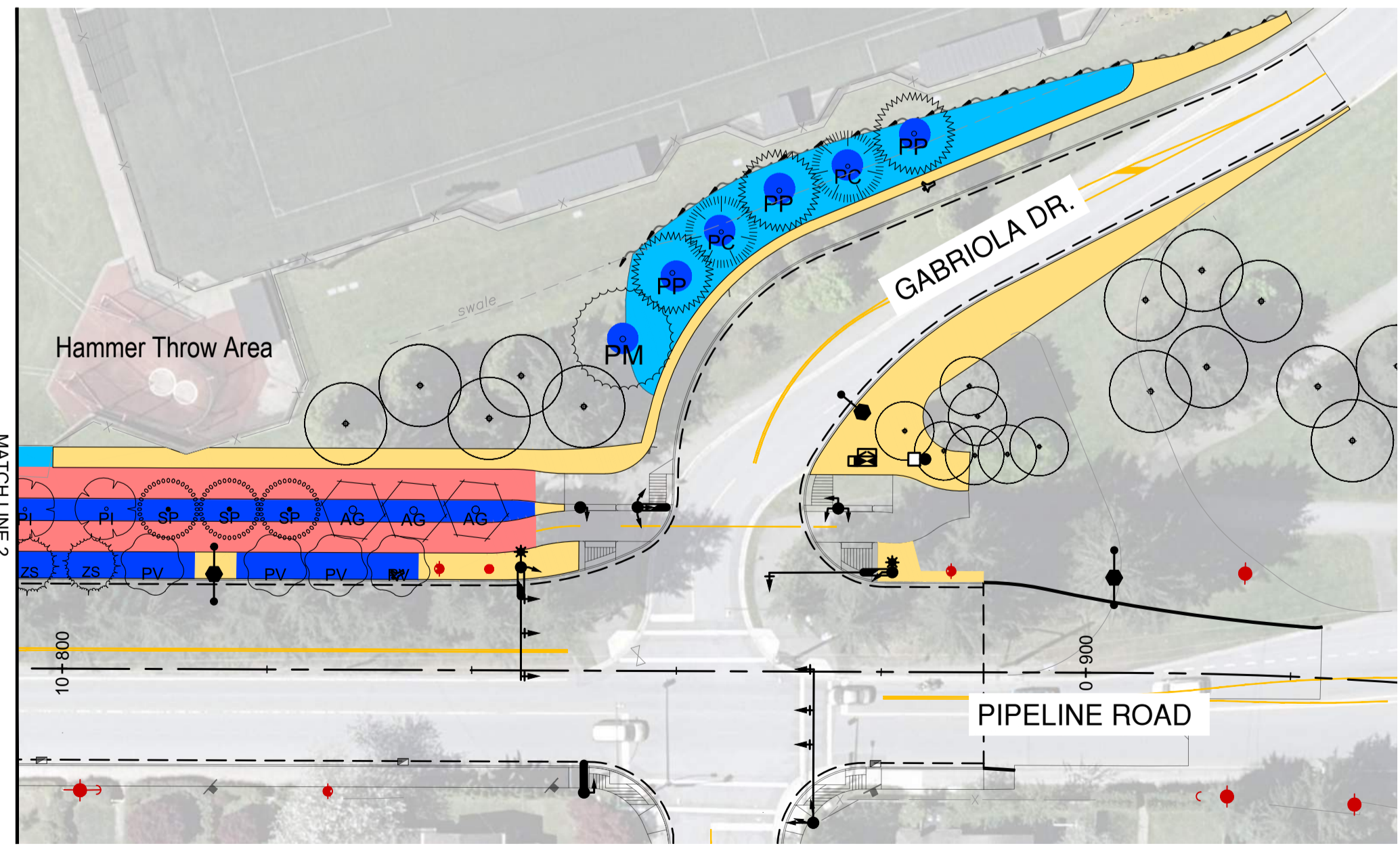
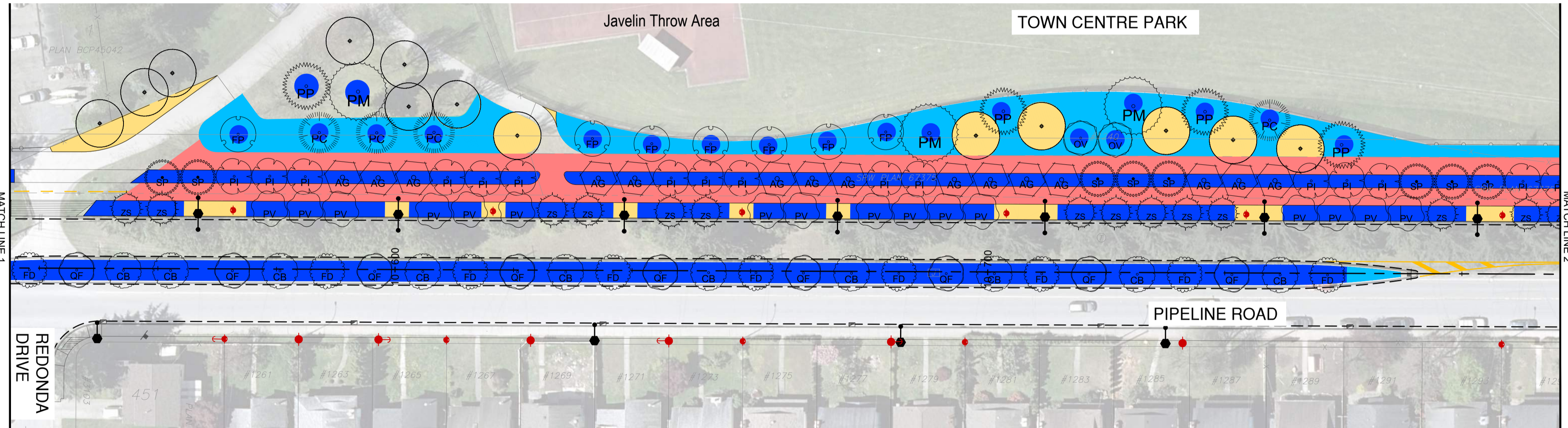
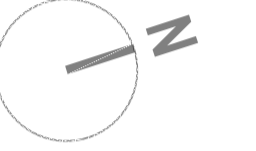
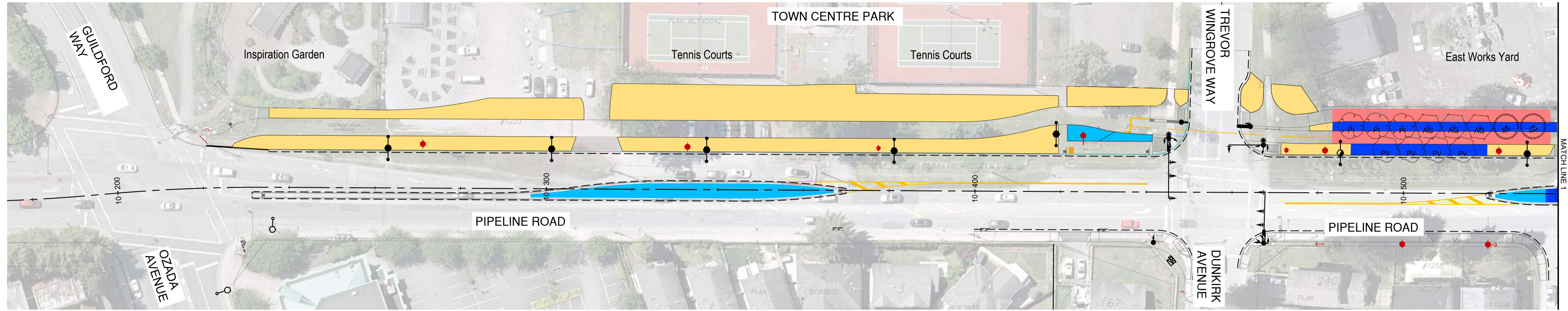


WATER SERVICES
PIPELINE ROAD



SCALE	AS SHOWN	CREATION DATE	2424/11/01
DRAWN BY	PM	DESIGN BY	CJB
CHECKED BY	CJB	APPROVED BY	CJB

32524
DWG. NO. 21 OF 47
REV. B



- LEGEND**
- 900mm DEPTH SOIL
 - 450mm DEPTH SOIL
 - 150mm DEPTH SOIL
 - 900mm DEPTH STRUCTURAL SOIL
 - 150mm DEPTH SOIL TREE PROTECTION AREA

File: C:\ADSKACAD\Projects\32524\Project Files\02_Drafting\02_Sheets\32524_LAND.dwg

PLOT DATE: January 21, 2025				
REV NO	REVISIONS	DATE	DRAWN	APPRD
A	DETAILED DESIGN	2024/10/21	GA	CJB
B	ISSUED FOR TENDER	2024/12/12	ML	AR

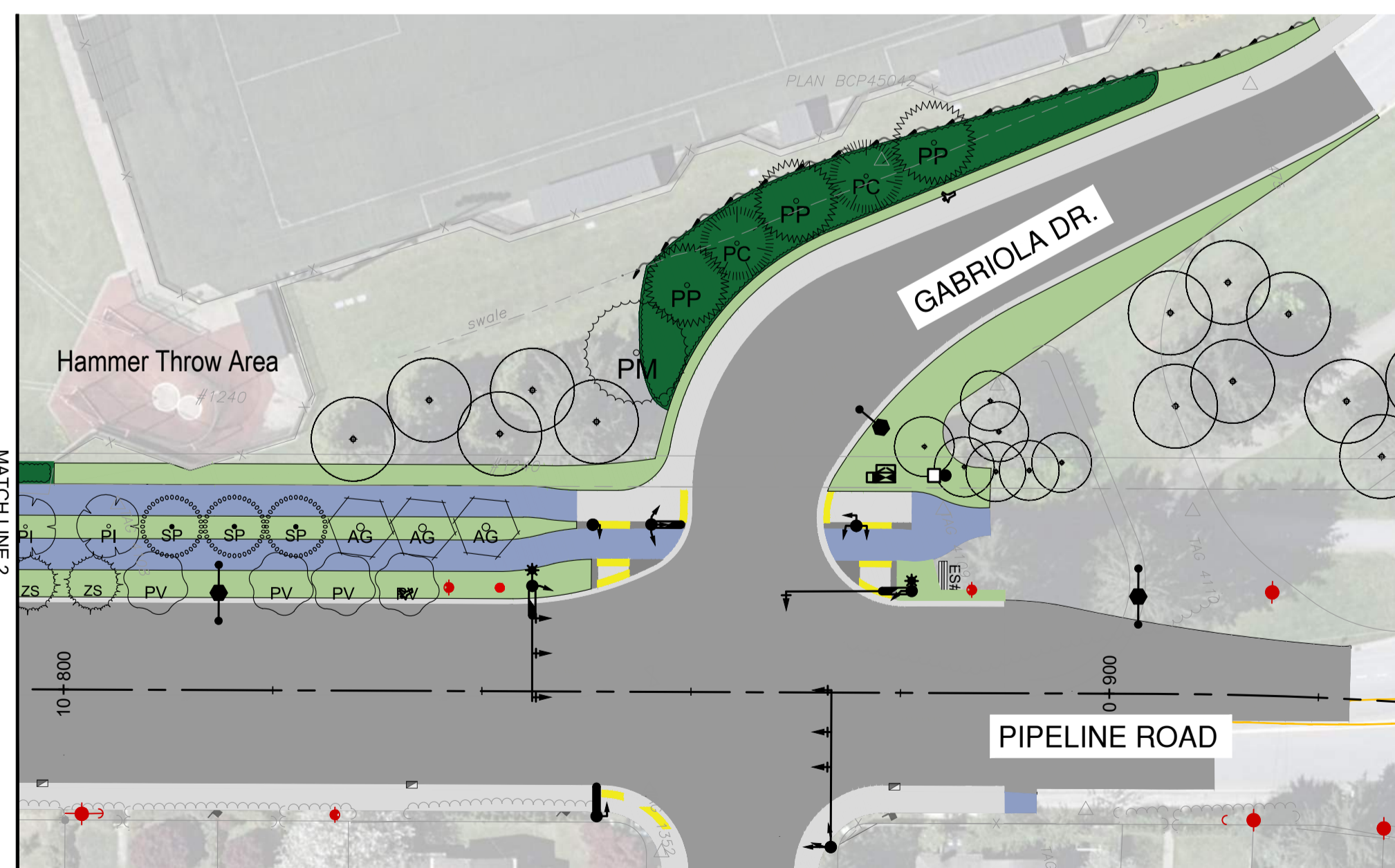
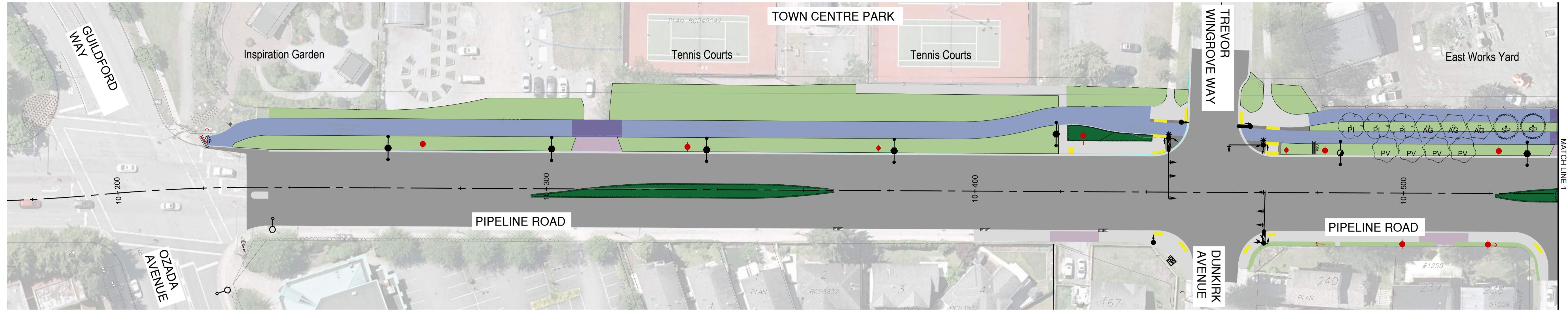


**SOILS PLAN
PIPELINE ROAD**



SCALE AS SHOWN		IFT DESIGN NO.		<h1>32524</h1>	
CREATION DATE	2424/11/01	DESIGN BY	AR		
DRAWN BY	EZ	APPROVED BY	CJB		
CHECKED BY	CJB				
				DWG. NO.	22
					OF
					47
				REV.	B

DESTROY ALL PRINTS BEARING PREVIOUS NO.



PLANT SCHEDULE - TREES

SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONTAINER
BOULEVARD (POWERLINES)					
	PV	24	Parrotia persica	Persian Parrotia	B&B, 70mm Cal.
	ZS	15	Zelkova serrata 'City Sprite'	City Sprite Zelkova	B&B, 70mm Cal.
PARK SIDE					
	FP	7	Fagus sylvatica 'Purpurea'	Copperleaf European Beech	B&B, 70mm Cal.
	OV	2	Ostrya virginiana	American Hophornbeam	B&B, 70mm Cal.
	PC	6	Pinus contorta contorta	Shore Pine	B&B, 3.0m Ht.
	PP	7	Pinus ponderosa	Ponderosa Pine	B&B, 3.0m Ht.
	PM	4	Pseudotsuga menziesii	Douglas Fir	B&B, 5.0m Ht.
PATHWAY MEDIAN (WATERMAIN)					
	AG	21	Acer griseum	Paperbark Maple	B&B, 70mm Cal.
	PI	20	Pistacia chinensis	Chinese Pistache	B&B, 70mm Cal.
	SP	13	Stewartia pseudocamellia	Japanese Stewartia	B&B, 70mm Cal.
PIPELINE CENTRE MEDIAN					
	CB	10	Carpinus betulus 'Fastigiata'	European Hornbeam	B&B, 70mm Cal.
	FD	9	Fagus sylvatica 'Dawcyk Purple'	Dawcyk Purple European Beech	B&B, 70mm Cal.
	QF	9	Quercus frainetto 'Forest Green'	Forest Green Oak	B&B, 70mm Cal.

LEGEND

- PROPOSED LAWN
- PROPOSED ANNUAL PLANTING (WORK BY OTHERS - N.I.C.)
- PROPOSED SHRUB PLANTING
- EXISTING TREE TO BE RETAINED
- HYDRO POLE

MINIMUM TREE PLANTING CLEARANCE FOR ELEMENTS:

- STREETLIGHTS 6m
- CATCH BASINS 2m
- STREET INTERSECTIONS 8m
- HYDRANTS 3m
- MANHOLES, VALVE BOXES, SERVICE CONNECTIONS 2m
- DRIVEWAYS 2m
- JUNCTION BOXES 3m
- KIOSKS 2m

NOTE: PLANTING TO BE COMPLETED BETWEEN OCTOBER 1ST AND MARCH 31ST.

PLOT DATE: January 21, 2025

REV NO	REVISIONS	DATE	DRAWN	APPRD
A	DETAILED DESIGN	2024/10/21	GA	CJB
B	ISSUED FOR TENDER	2024/12/12	ML	AR



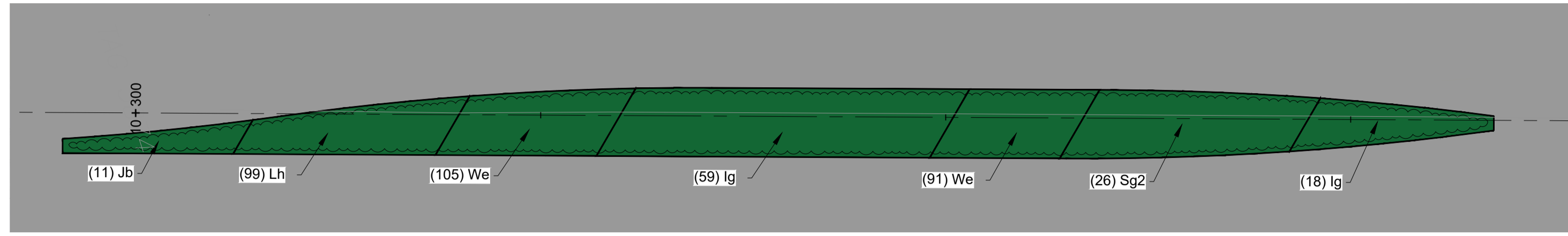
TREE PLANTING PIPELINE ROAD



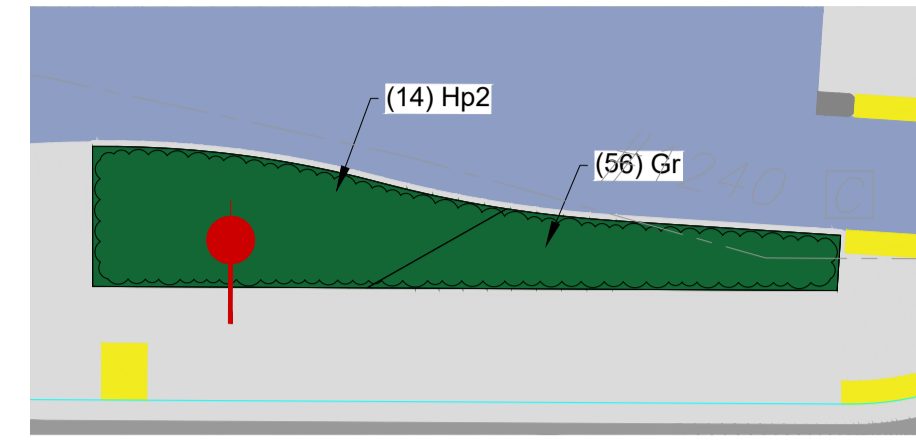
SCALE	AS SHOWN	CREATION DATE	2424/11/01	DWG. NO.
DRAWN BY	EZ	DESIGN BY	AR	23 OF 47
CHECKED BY	CJB	APPROVED BY	CJB	REV. B

32524

DESTROY ALL PRINTS BEARING PREVIOUS NO.



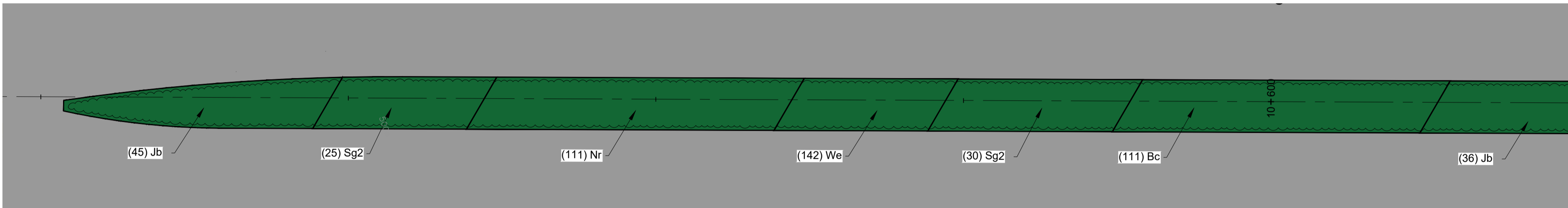
1 PLANTING BED A
24 PLAN 1:200



2 PLANTING BED A CONTINUED
24 PLAN 1:200

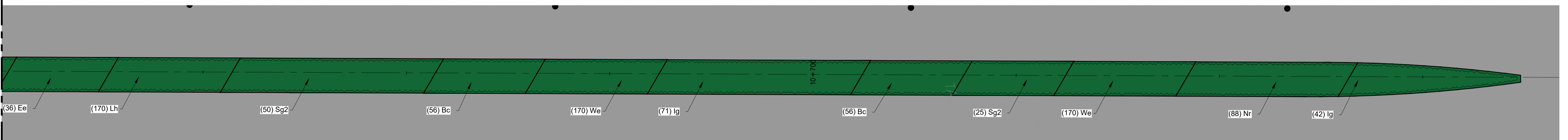
PLANT SCHEDULE L-02

CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SIZE	SPACING
MEDIAN BEDS						
Bc	223	Berberis thunbergii 'Crimson Pygmy'	Crimson Pygmy Japanese Barberry	#2 Pot	800mm O.C.	800 mm
Ee	36	Euonymus fortunei 'Emerald 'n Gold'	Emerald 'n Gold Wintercreeper	#2 Pot	1000mm O.C.	1,000 mm
Ig	190	Ilex crenata 'Green Thumb'	Green Thumb Japanese Holly	#2 Pot	1000mm O.C.	1,000 mm
Jb	92	Juniperus squamata 'Blue Star'	Blue Star Juniper	#2 Pot	1000mm O.C.	1,000 mm
Lh	269	Lavandula angustifolia 'Hidcote Blue'	Hidcote Blue English Lavender	#2 Pot	500mm O.C.	500 mm
Nr	199	Nepeta racemosa 'Walker's Low'	Walker's Low Catmint	#2 Pot	800mm O.C.	800 mm
Sg2	156	Spiraea japonica 'Goldmound'	Goldmound Japanese Spirea	#2 Pot	1200mm O.C.	1,200 mm
We	678	Weigela florida 'Elvera'	Midnight Wine® Weigela	#2 Pot	500mm O.C.	500 mm
PARK BEDS						
Cb2	21	Cimicifuga racemosa 'Brunette'	Snakeroot	#2 Pot	1500mm O.C.	1,500 mm
Ew	165	Euphorbia characias wulfenii	Evergreen Spurge	#2 Pot	1000mm O.C.	1,000 mm
Gr	647	Geranium x 'Rozanne'	Rozanne Cranesbill	#2 Pot	600mm O.C.	600 mm
Hp2	98	Hebe pinguifolia 'Pagei'	Page Hebe	#2 Pot	1500mm O.C.	1,500 mm
Ha2	116	Helleborus 'Ivory Prince'	Lenten Rose	#2 Pot	450mm O.C.	450 mm
Lp2	32	Lonicera pileata	Printen Honeysuckle	#2 Pot	2000mm O.C.	2,000 mm
Np	268	Nandina domestica 'Firepower'	Firepower Heavenly Bamboo	#2 Pot	600mm O.C.	600 mm
Pb	22	Philadelphus x 'Belle Etoile'	Mock Orange	#2 Pot	2200mm O.C.	2,200 mm
Rs	74	Rosa x 'Scarlet Meidiland'	Scarlet Meidiland Rose	#2 Pot	1000mm O.C.	1,000 mm
Sb2	31	Sambucus nigra 'Black Beauty'	Black Beauty Elderberry	#2 Pot	2000mm O.C.	2,000 mm
Sh	82	Sarcococca hookeriana humilis	Trailing Sweetbox	#2 Pot	1200mm O.C.	1,200 mm
Wr	76	Weigela florida 'Alexandra'	Wine and Roses Weigela	#2 Pot	1500mm O.C.	1,500 mm

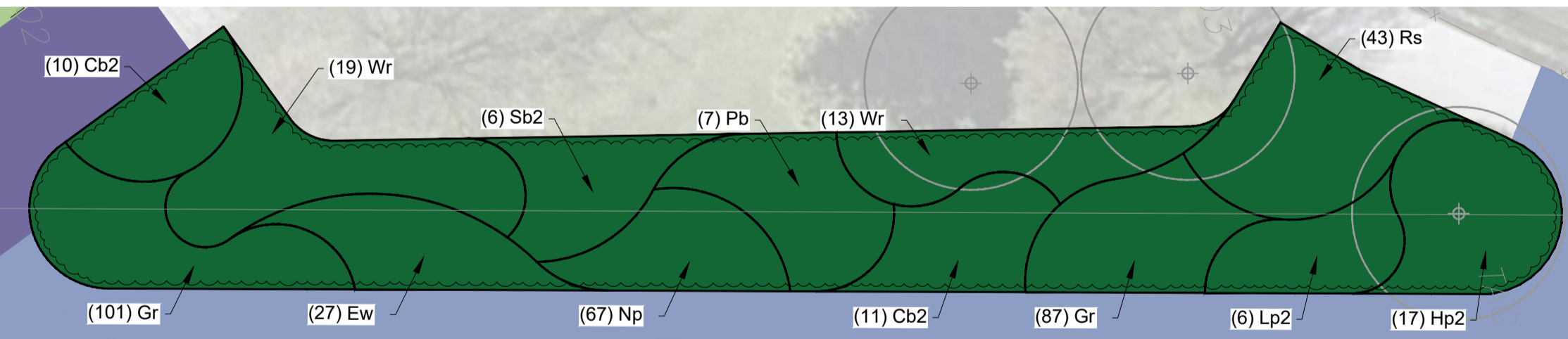


3 PLANTING BED B
24 PLAN 1:200

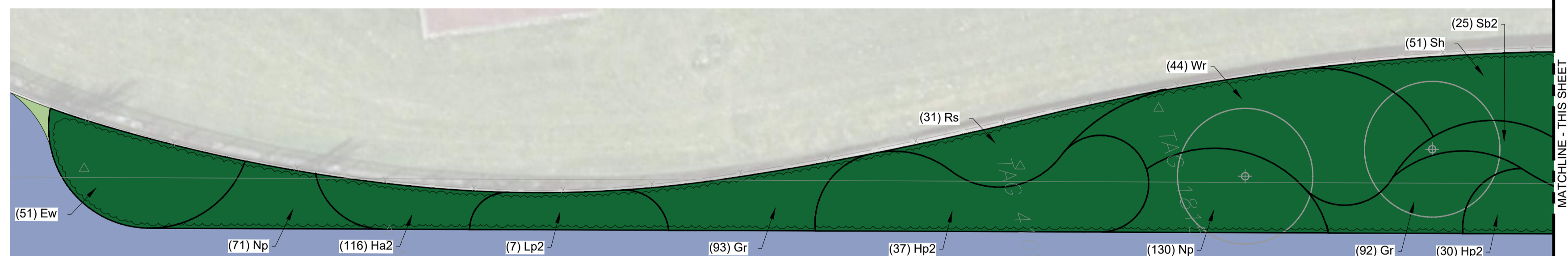
NOTE: PLANTING TO BE COMPLETED BETWEEN OCTOBER 1ST AND MARCH 31ST.



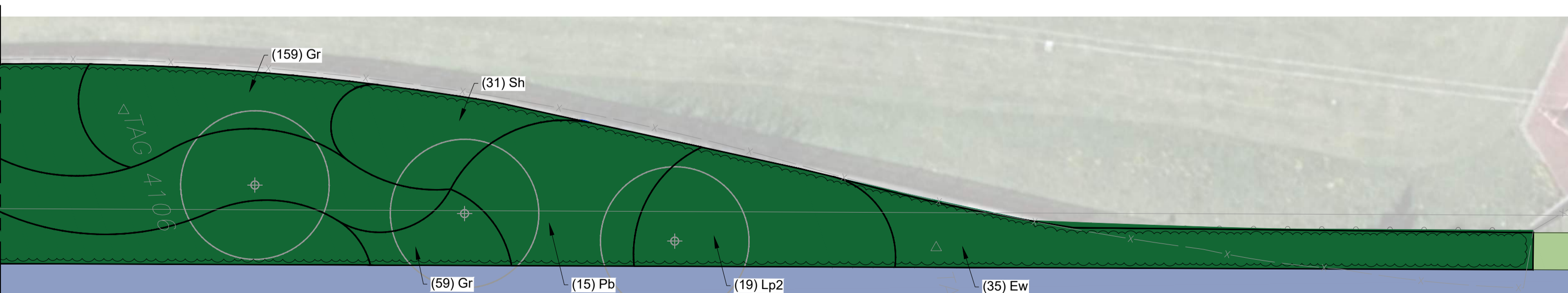
4 PLANTING BED B CONTINUED
24 PLAN 1:200



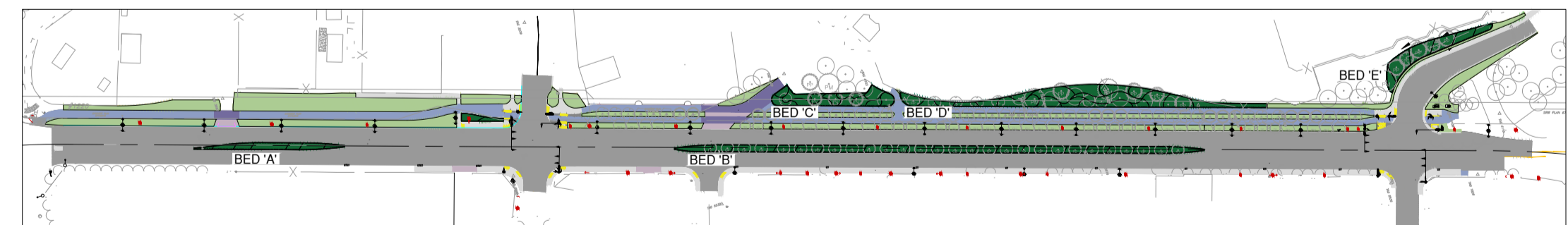
5 PLANTING BED C
24 PLAN 1:200



6 PLANTING BED D
24 PLAN 1:200



7 PLANTING BED D CONTINUED
24 PLAN 1:200



KEY PLAN



PLOT DATE: January 21, 2025

REV NO	REVISIONS	DATE	DRAWN	APPRD
A	DETAILED DESIGN	2024/10/21	GA	CJB
B	ISSUED FOR TENDER	2024/12/12	ML	AR

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

SHRUB PLANTING
PIPELINE ROAD



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

SCALE	AS SHOWN	CREATION DATE	2424/11/01	DWG. NO.
DRAWN BY	EZ	DESIGN BY	CJB	24 OF 47
CHECKED BY	CJB	APPROVED BY	CJB	REV. B

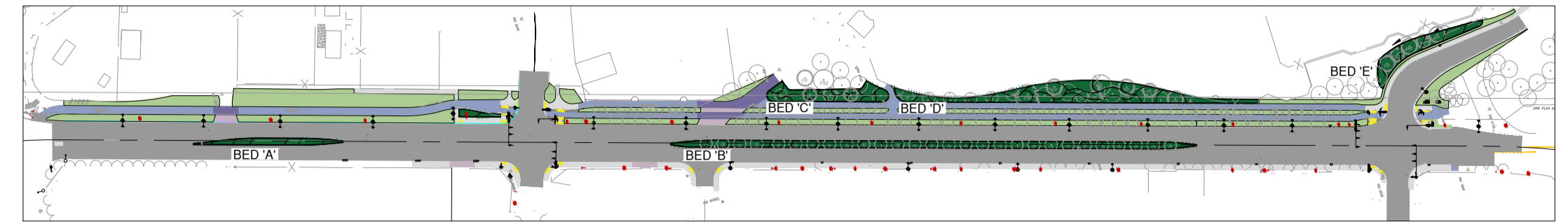
32524

DESTROY ALL PRINTS BEARING PREVIOUS NO.



1 PLANTING BED E
25 PLAN

1:200



KEY PLAN

PLANT SCHEDULE

CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SIZE
PARK BEDS					
Cb2	13	Cimicifuga racemosa 'Brunette'	Snakeroot	#2 Pot	1500mm O.C.
Ew	34	Euphorbia characias wulfenii	Evergreen Spurge	#2 Pot	1000mm O.C.
Pb	20	Philadelphus x 'Belle Etoile'	Mock Orange	#2 Pot	2200mm O.C.
Rs	64	Rosa x 'Scarlet Meidiland'	Scarlet Meidiland Rose	#2 Pot	1000mm O.C.
Sb2	12	Sambucus nigra 'Black Beauty'	Black Beauty Elderberry	#2 Pot	2000mm O.C.
Wr	37	Weigela florida 'Alexandra'	Wine and Roses Weigela	#2 Pot	1500mm O.C.

NOTE: PLANTING TO BE COMPLETED BETWEEN OCTOBER 1ST AND MARCH 31ST.

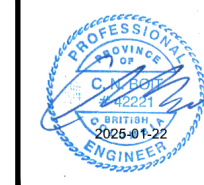


PLOT DATE: January 21, 2025

REV NO	REVISIONS	DATE	DRAWN	APPRD
A	DETAILED DESIGN	2024/10/21	GA	CJB
B	ISSUED FOR TENDER	2024/12/12	ML	AR

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

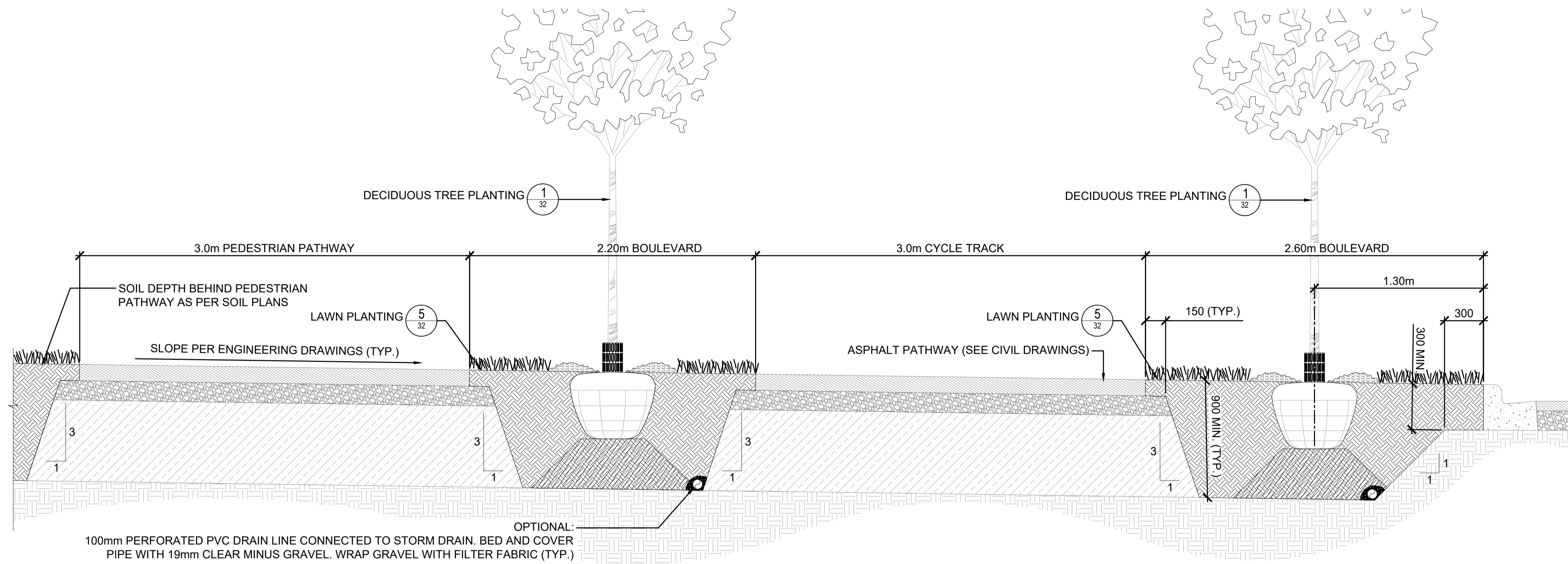
SHRUB PLANTING 2
PIPELINE ROAD



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

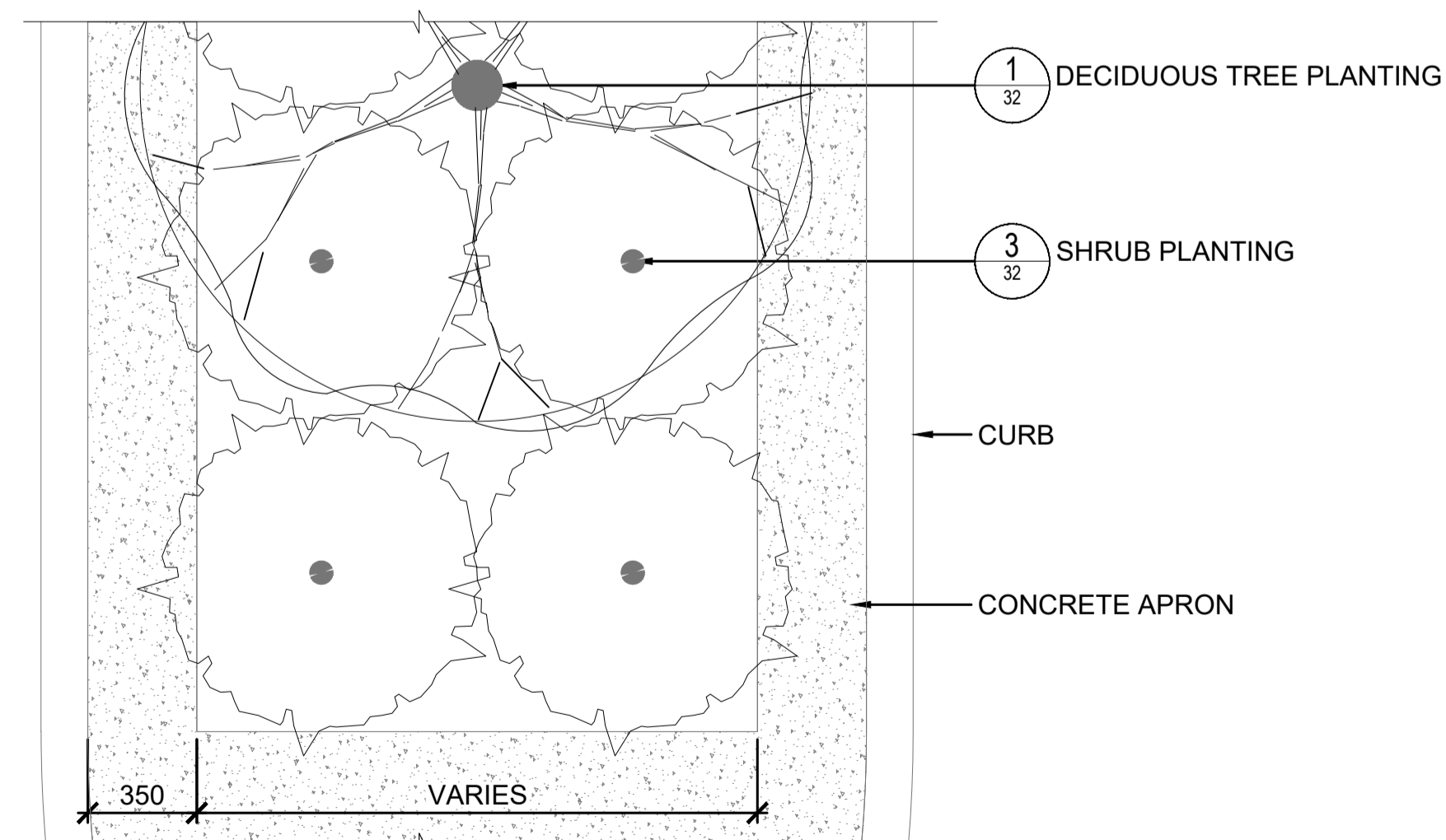
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DRAWN BY	EZ	DESIGN BY	CJB	25 OF 47
CHECKED BY	CJB	APPROVED BY	CJB	REV. B

32524



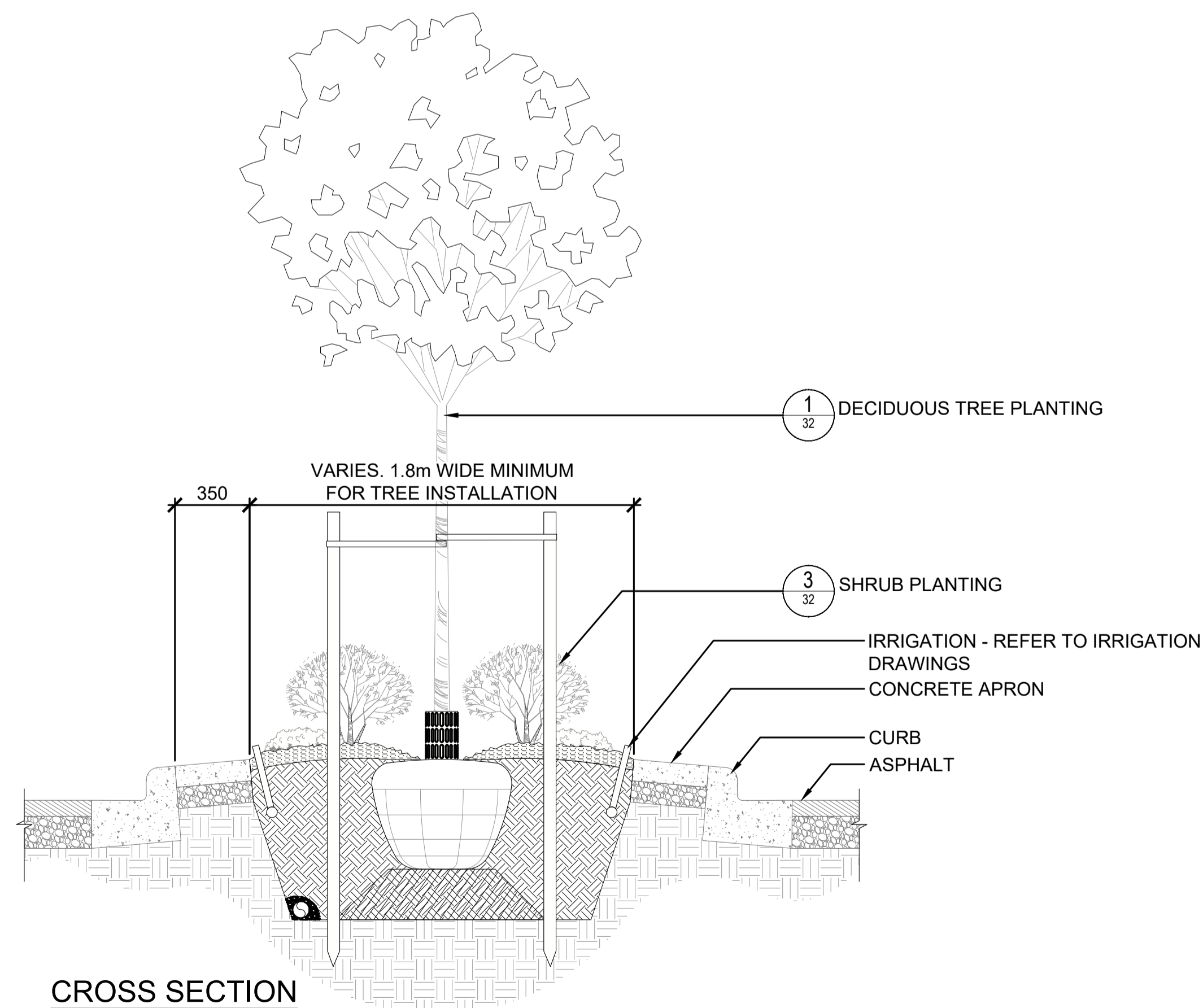
1 BOULEVARD TREE PLANTING
SECTION

1:20



PLAN VIEW

2 MEDIAN PLANTING



CROSS SECTION

1:20

File: C:\ADSKACAD\Projects\32524\Project Files\02_Drafting\302_Sheets\32524_LAND.dwg

REV NO	REVISIONS	DATE	DRAWN	APPRD
A	DETAILED DESIGN	2024/10/21	GA	CJB
B	ISSUED FOR TENDER	2024/12/12	ML	AR

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

LANDSCAPE DETAILS 1
PIPELINE ROAD

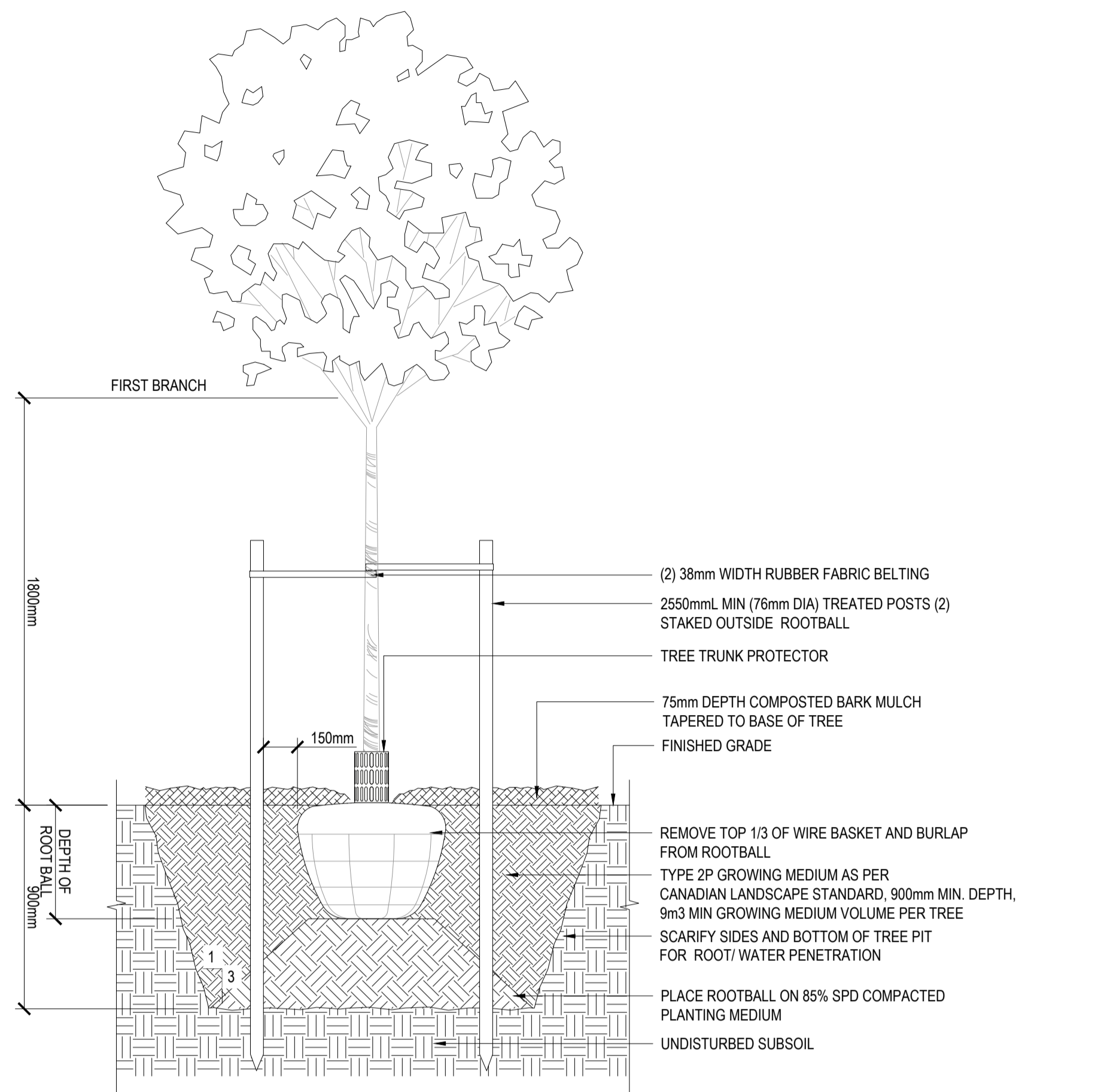


ISL
#201, 3999 Herring Drive, Burnaby, B.C. V5C 6P9
T: (604)293-2696 F: (604)293-2698

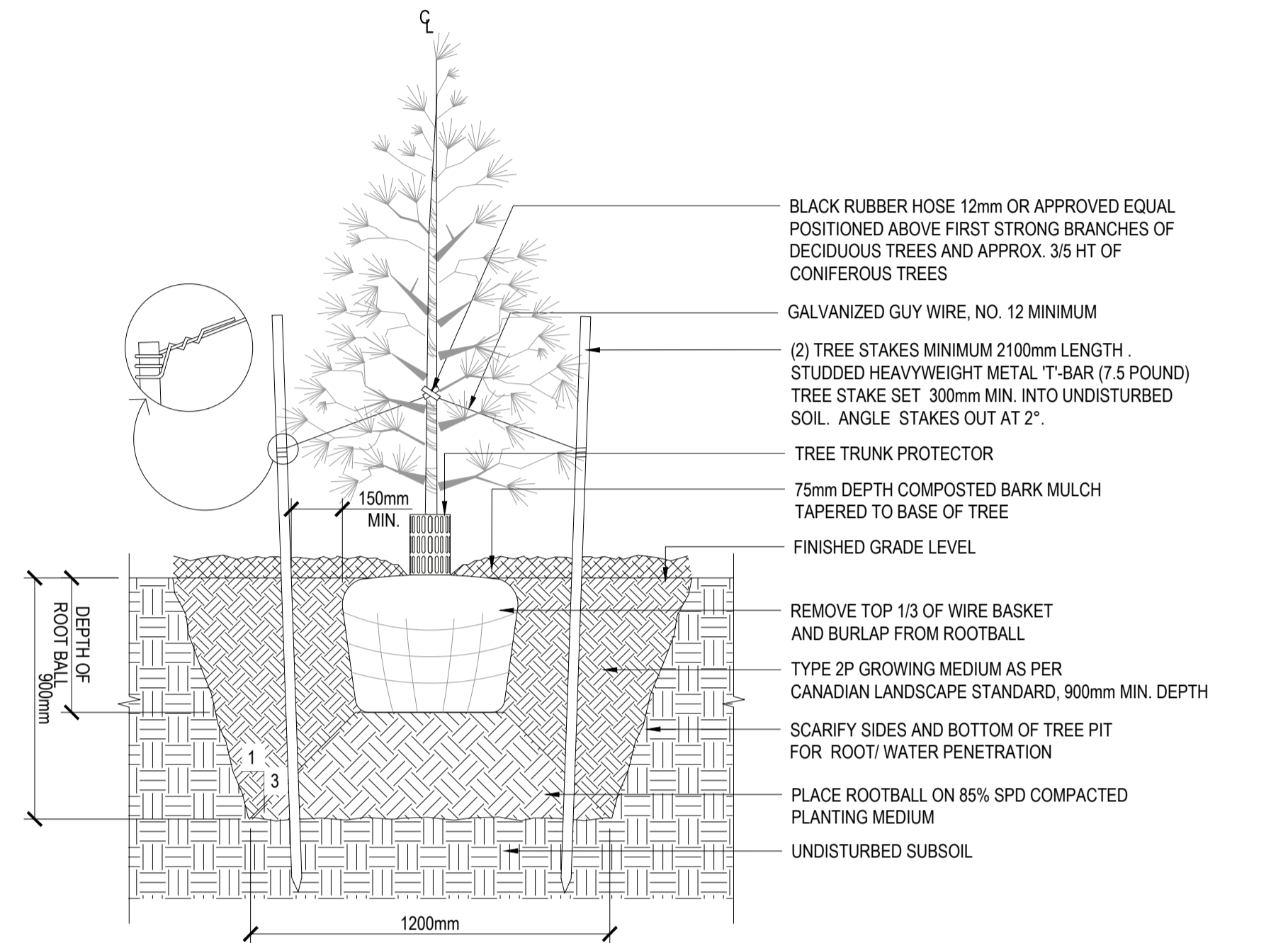
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DRAWN BY	EZ	DESIGN BY	AR	26 OF 47
CHECKED BY	CJB	APPROVED BY	CJB	REV. B

32524

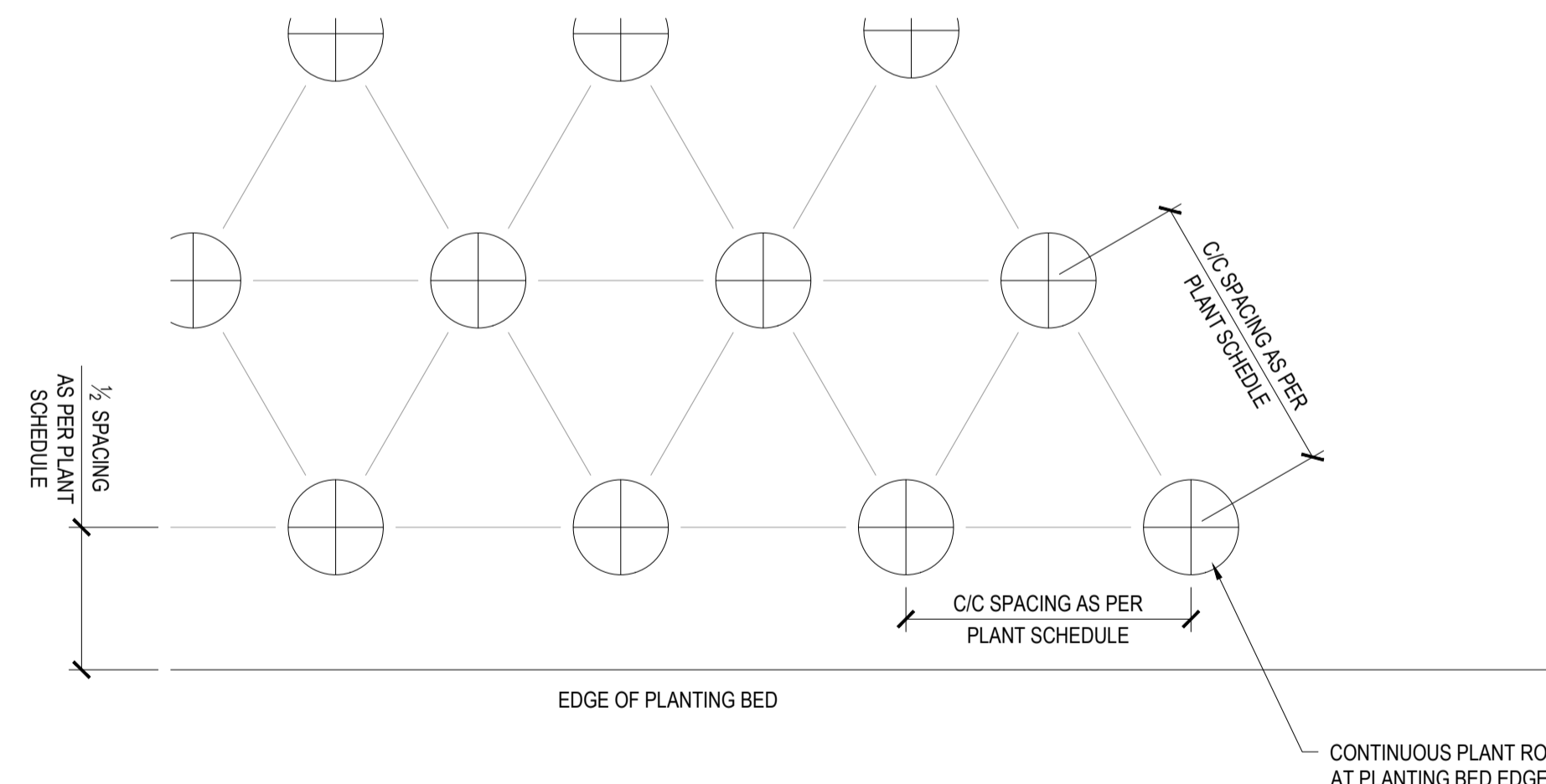
DESTROY ALL PRINTS BEARING PREVIOUS NO.



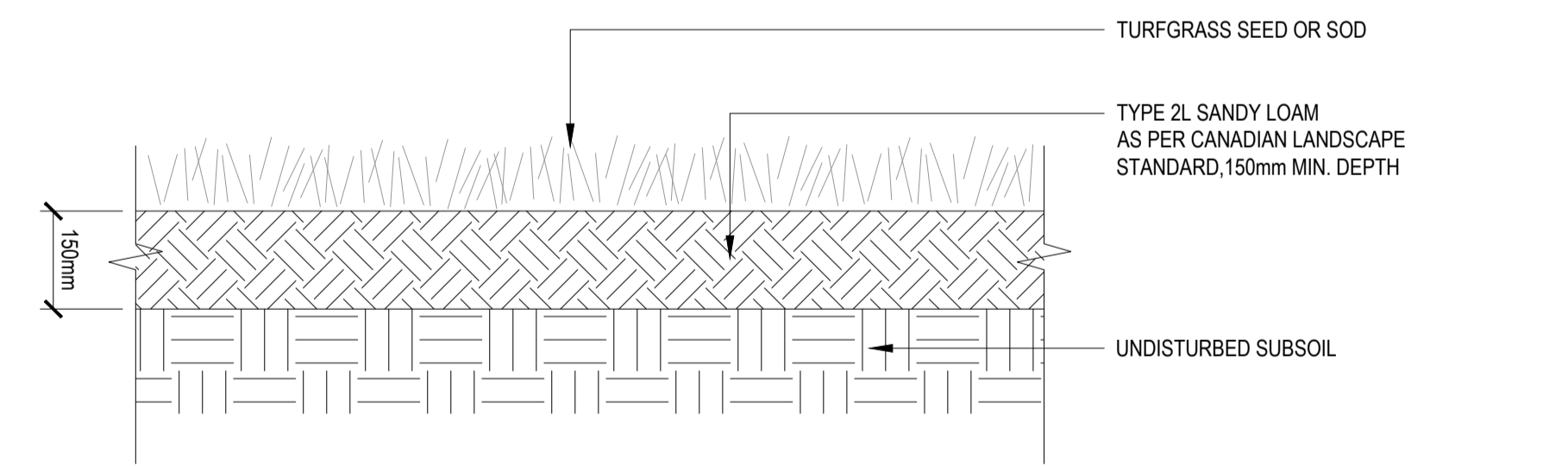
1 DECIDUOUS TREE PLANTING SECTION 1:20



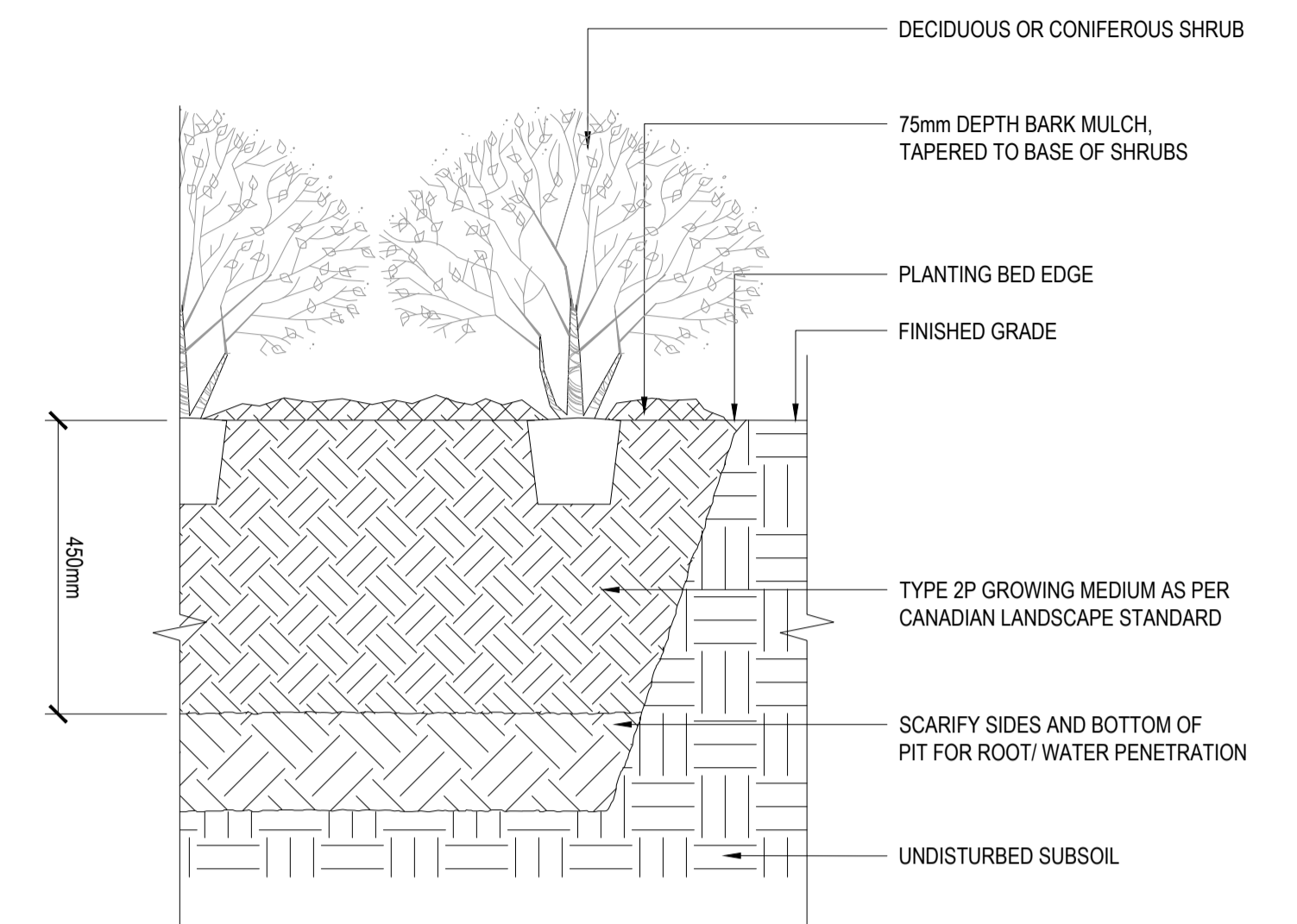
2 CONIFEROUS TREE PLANTING SECTION 1:20



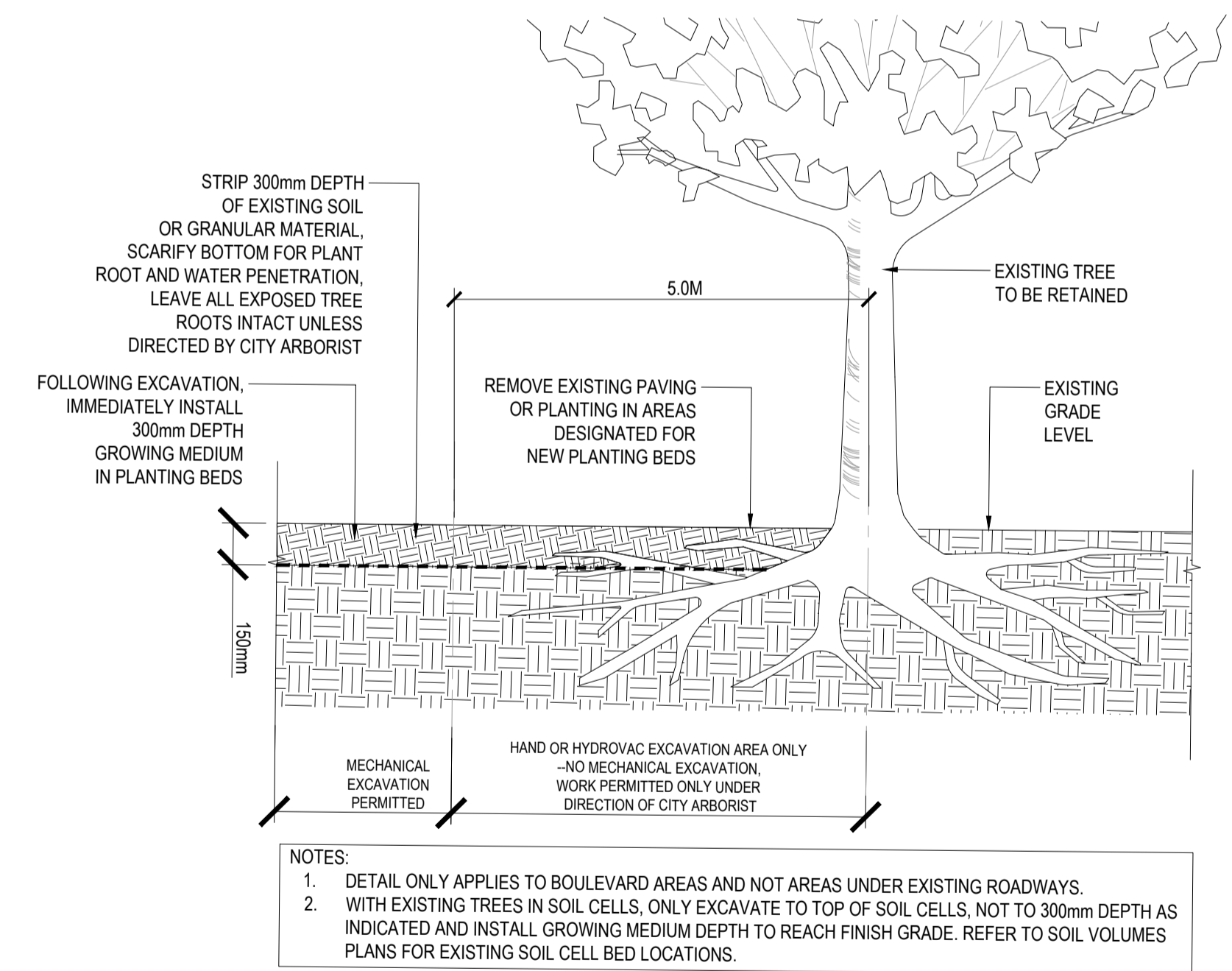
4 SHRUB SPACING PLAN 1:10



5 LAWN PLANTING SECTION 1:10



3 SHRUB PLANTING SECTION 1:10



6 PLANTING BED PREPARATION AT EXISTING TREE SECTION SCALE 1:20

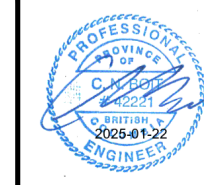
NOTES:
 1. DETAIL ONLY APPLIES TO BOULEVARD AREAS AND NOT AREAS UNDER EXISTING ROADWAYS.
 2. WITH EXISTING TREES IN SOIL CELLS, ONLY EXCAVATE TO TOP OF SOIL CELLS, NOT TO 300mm DEPTH AS INDICATED AND INSTALL GROWING MEDIUM DEPTH TO REACH FINISH GRADE. REFER TO SOIL VOLUMES PLANS FOR EXISTING SOIL CELL BED LOCATIONS.

File: C:\ADSK\ACAD\Projects\32524\Project Files\02_CADD\02_Drafting\02_Sheets\32524_LAND.dwg

REV NO	REVISIONS	DATE	DRAWN	APPRD
A	DETAILED DESIGN	2024/10/21	GA	CJB
B	ISSUED FOR TENDER	2024/12/12	ML	AR



LANDSCAPE DETAILS 2
PIPELINE ROAD



#201, 3999 Henning Drive, Burnaby, B.C. V5C 6P9
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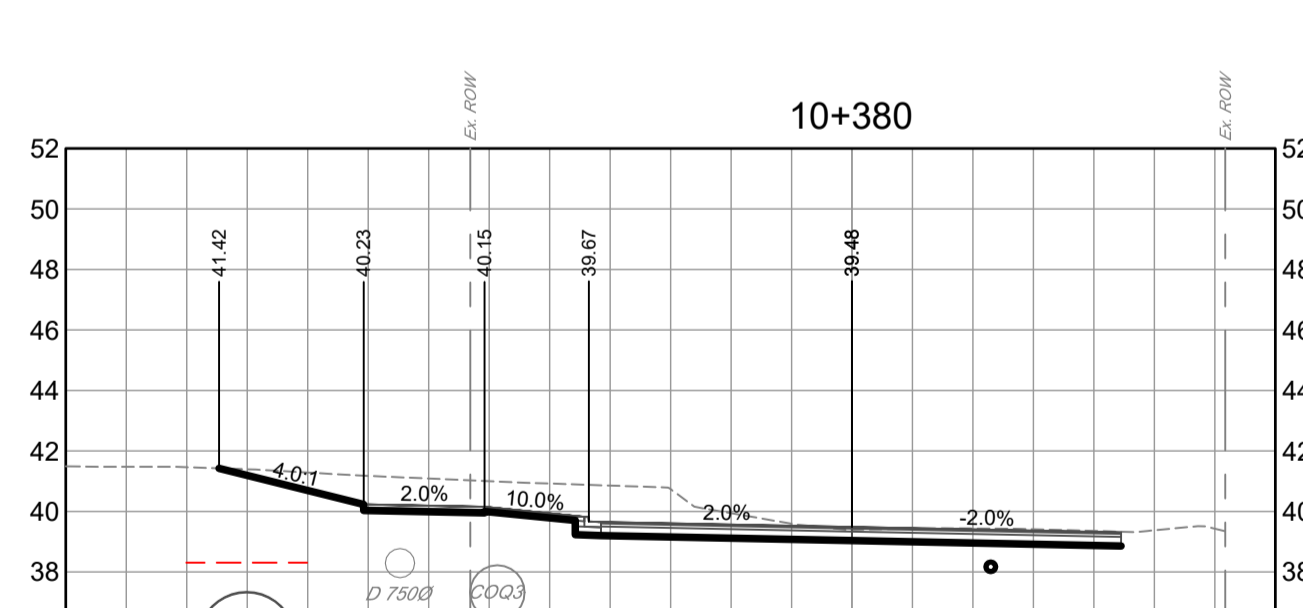
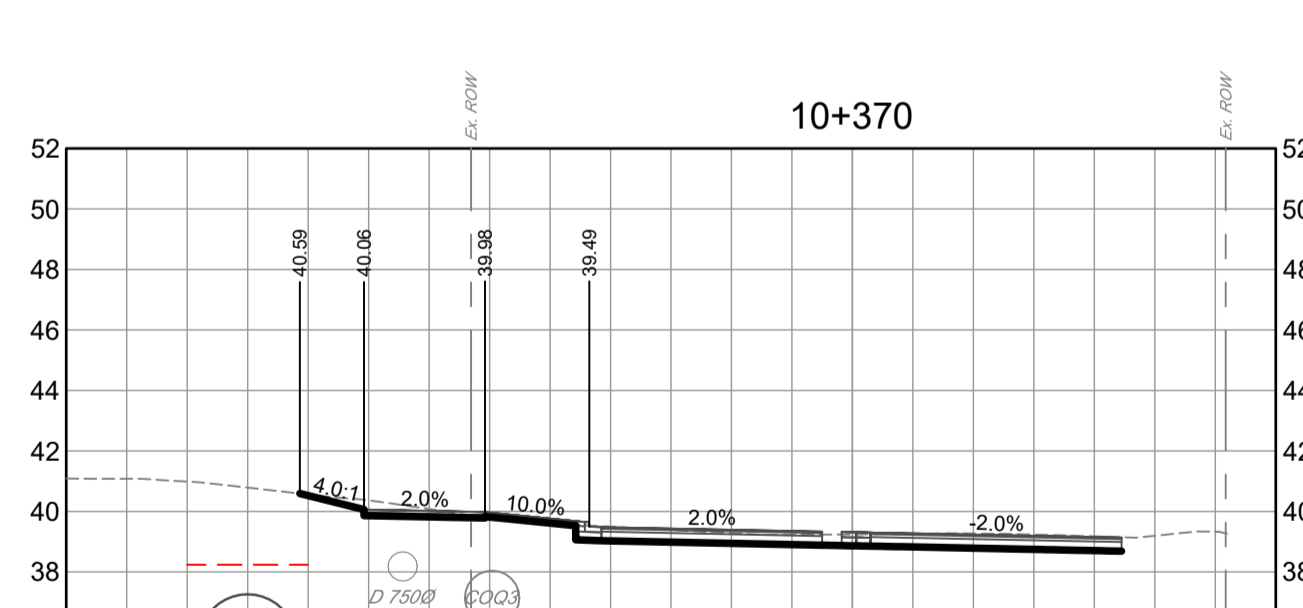
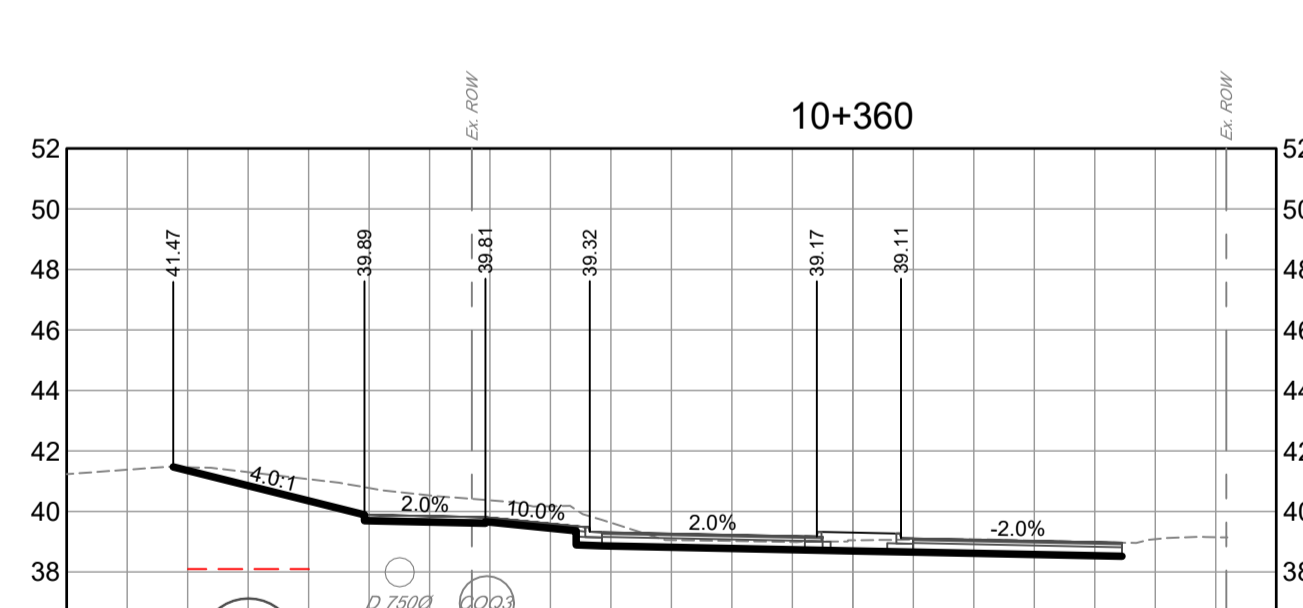
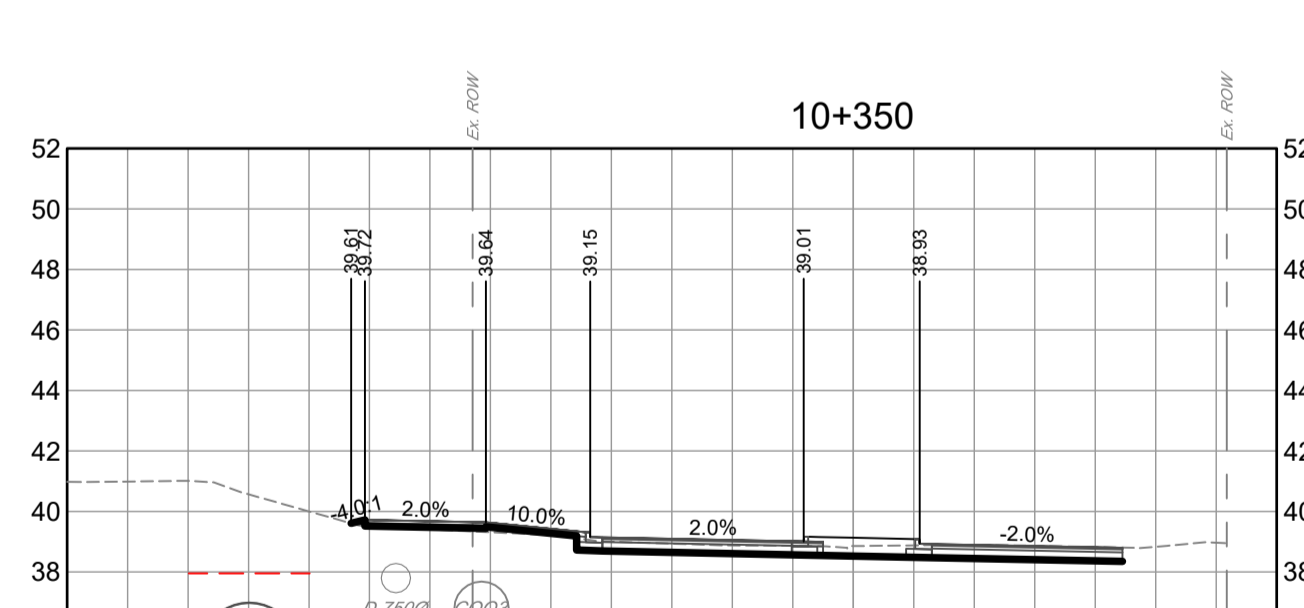
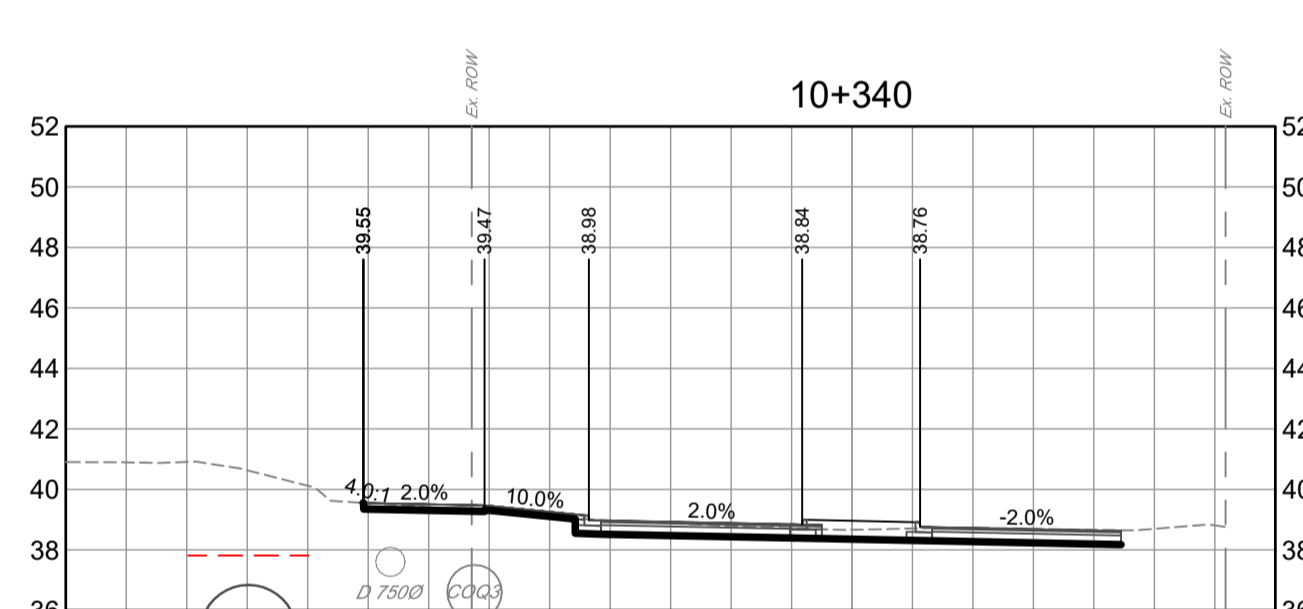
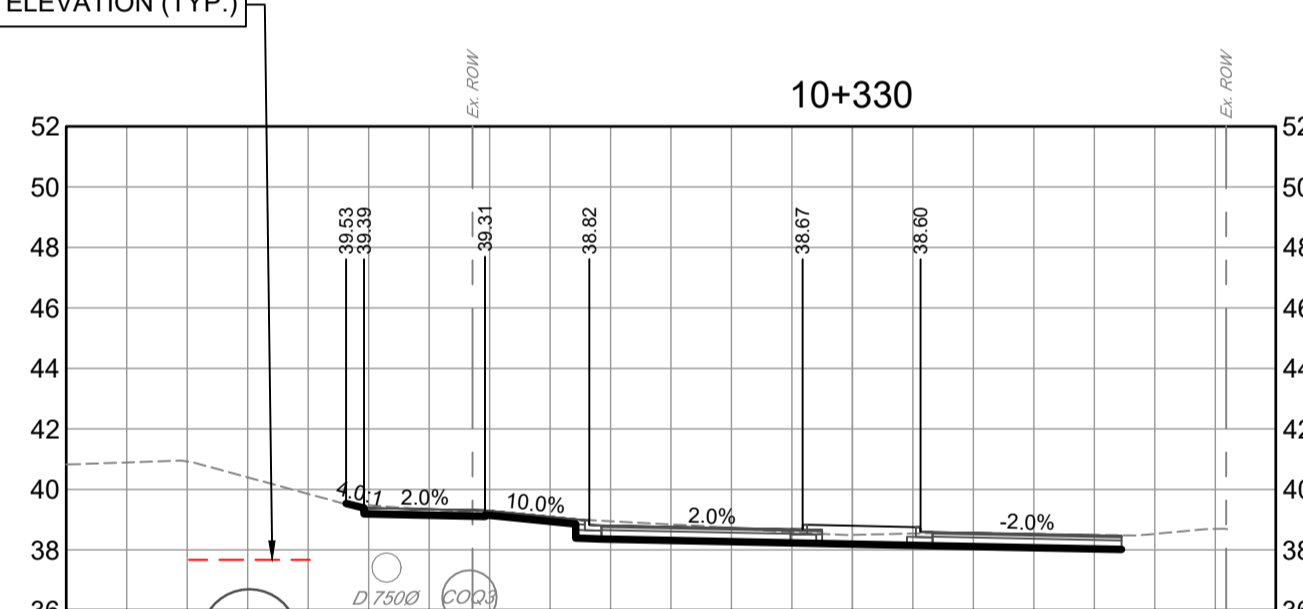
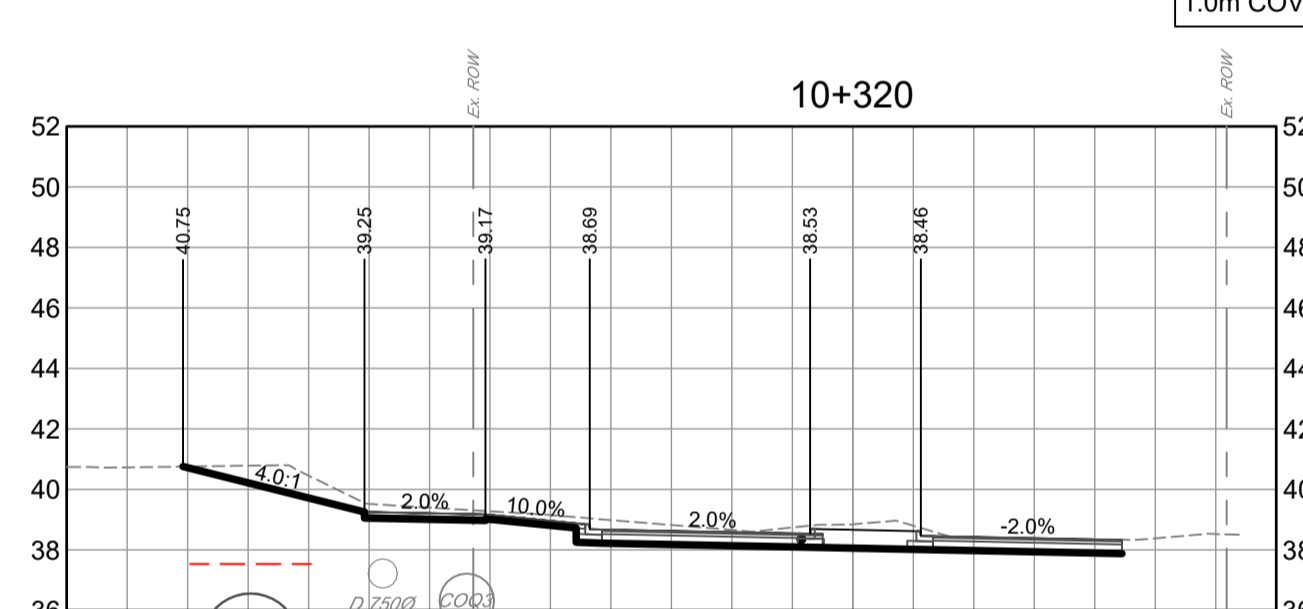
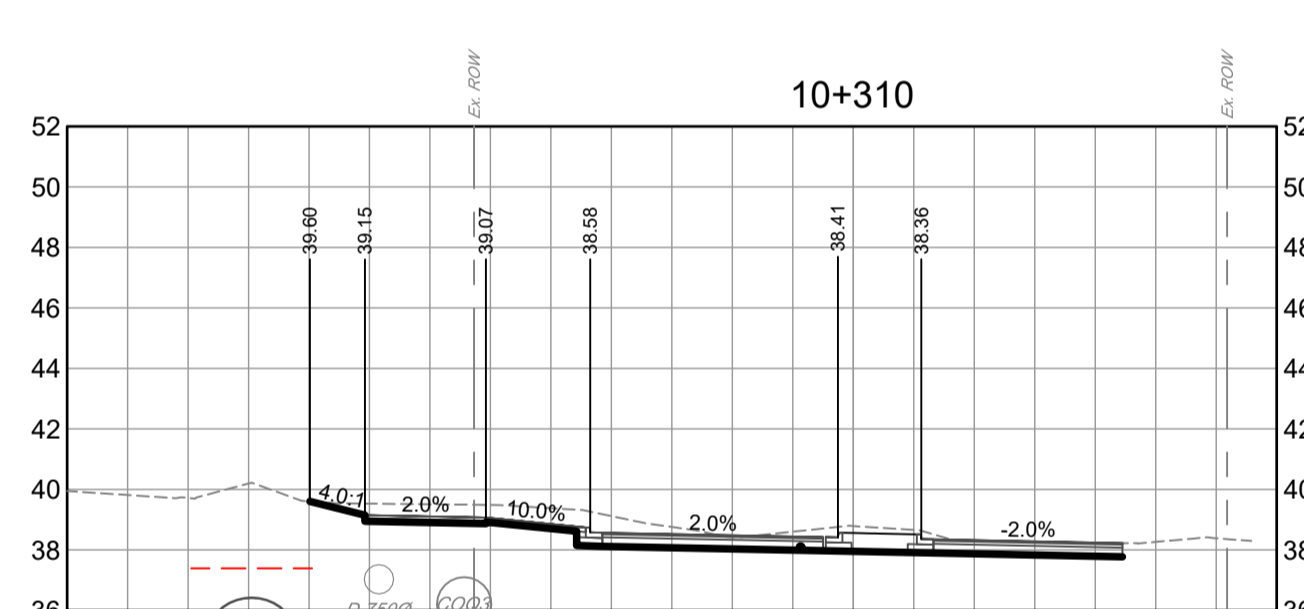
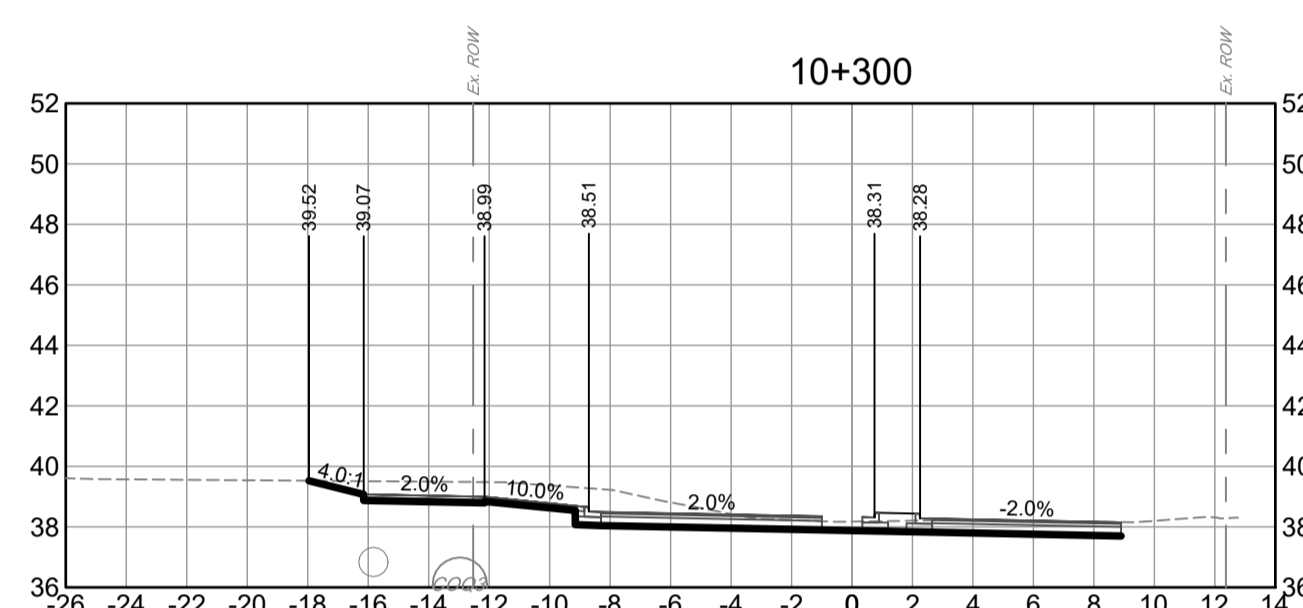
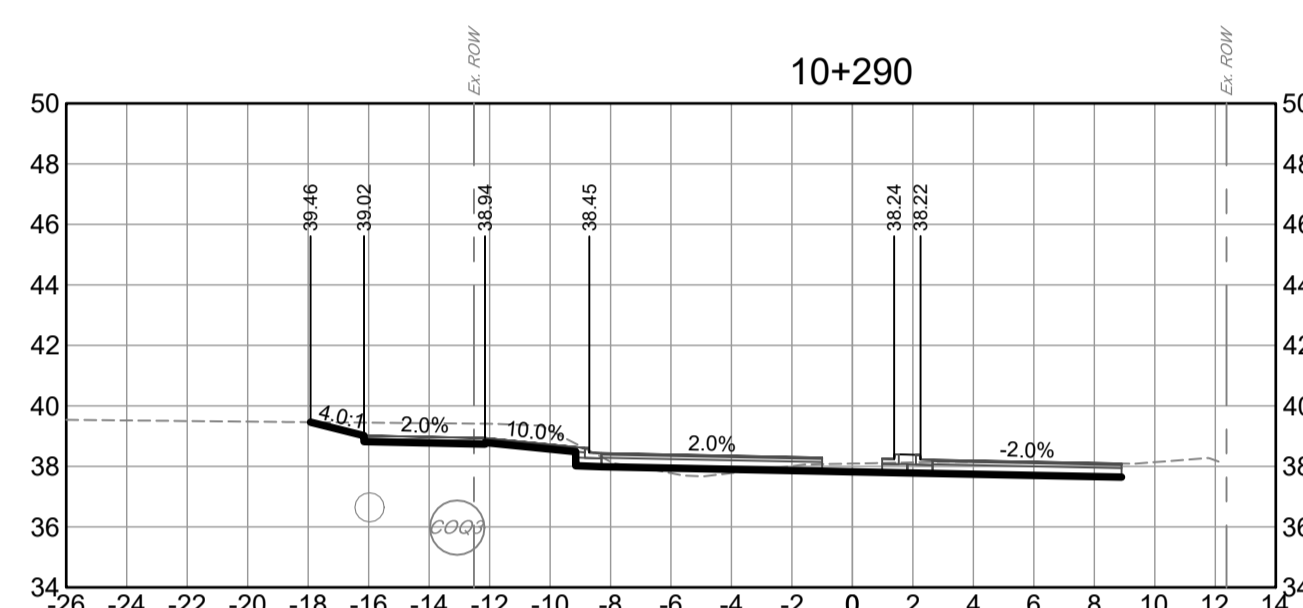
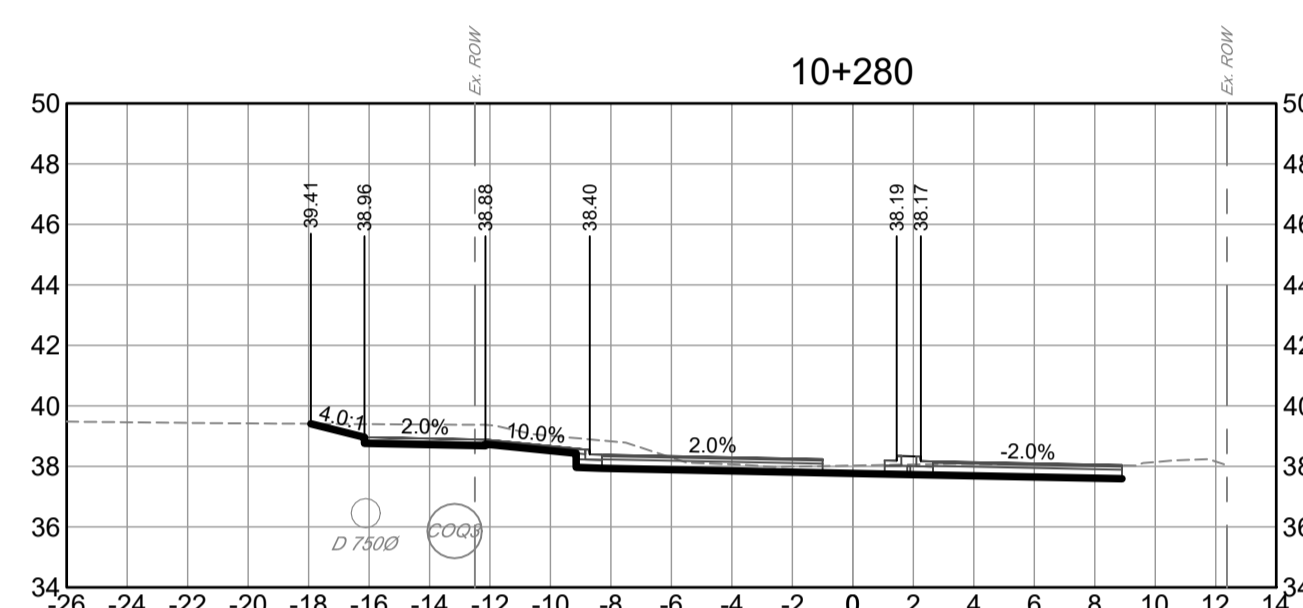
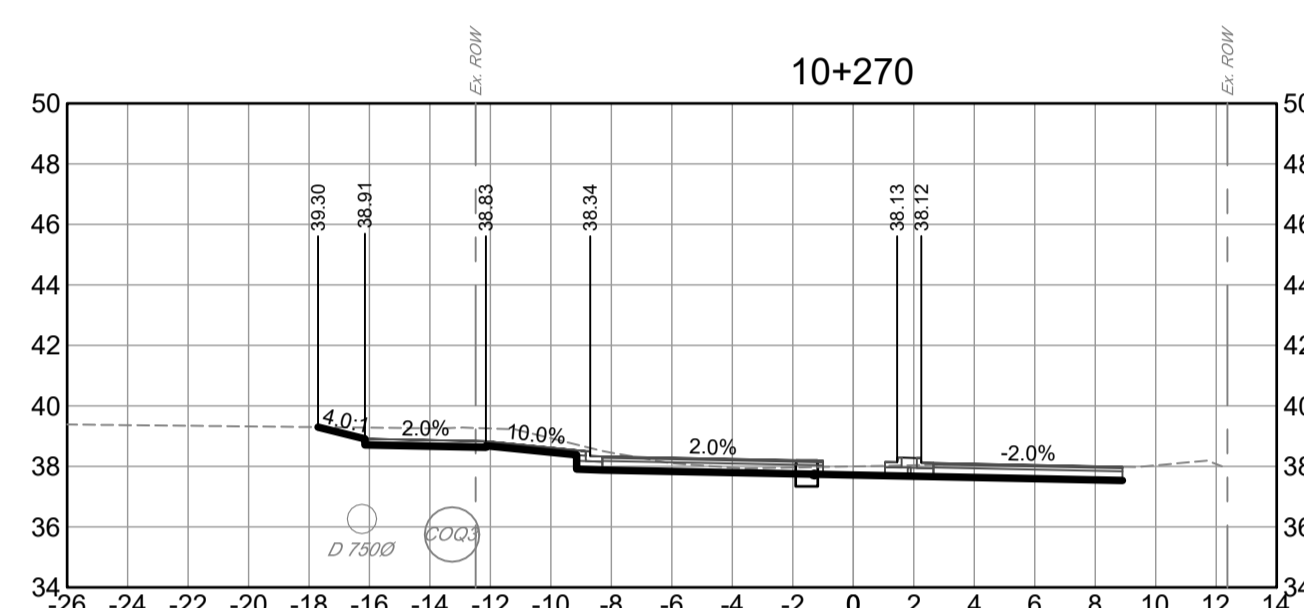
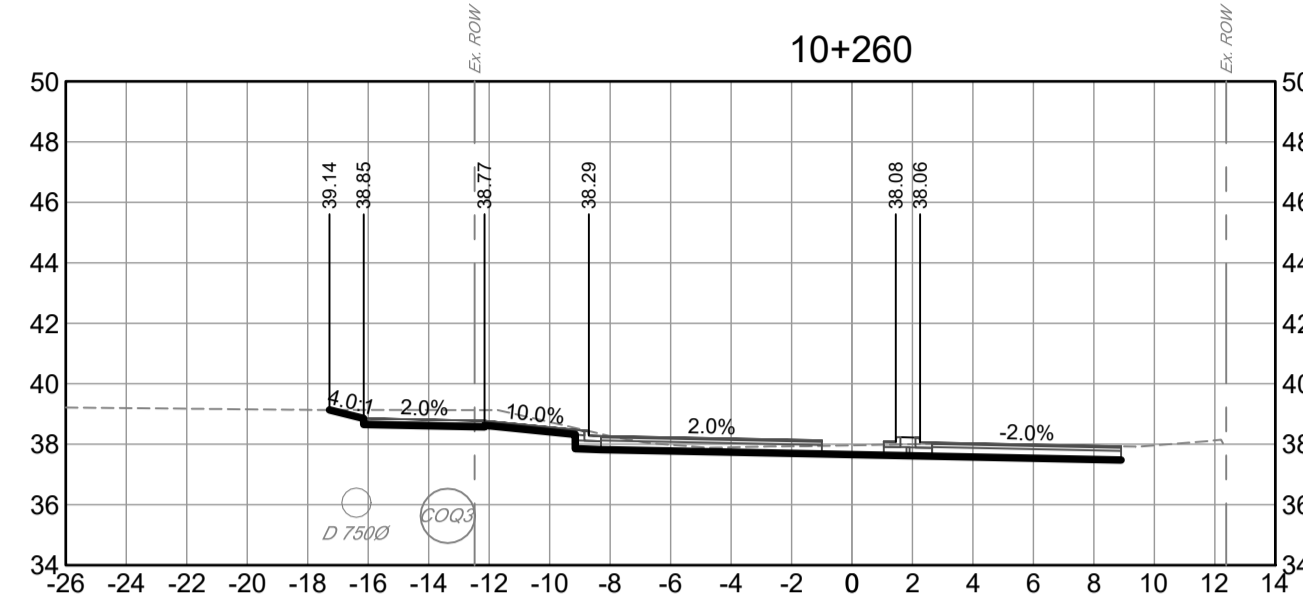
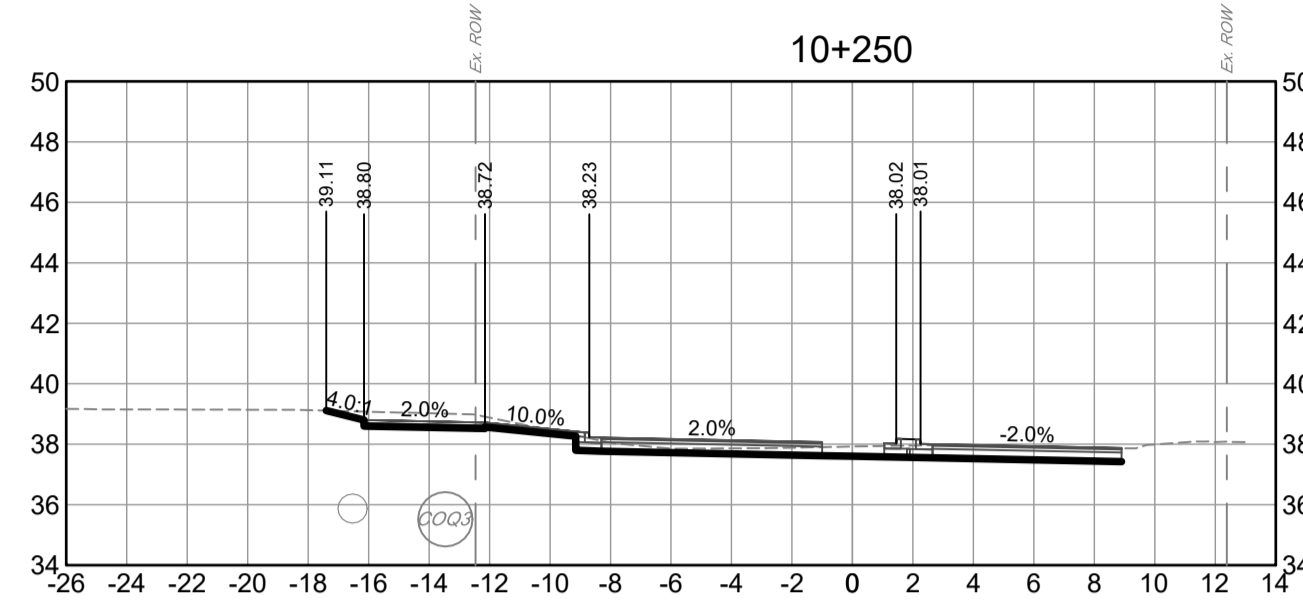
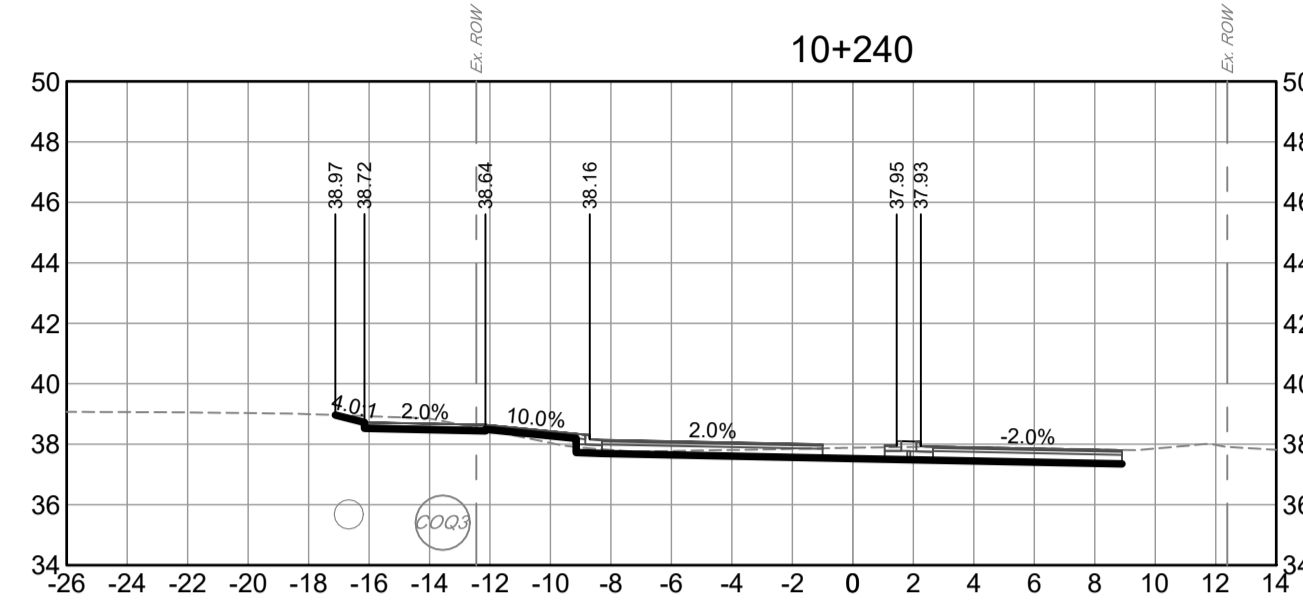
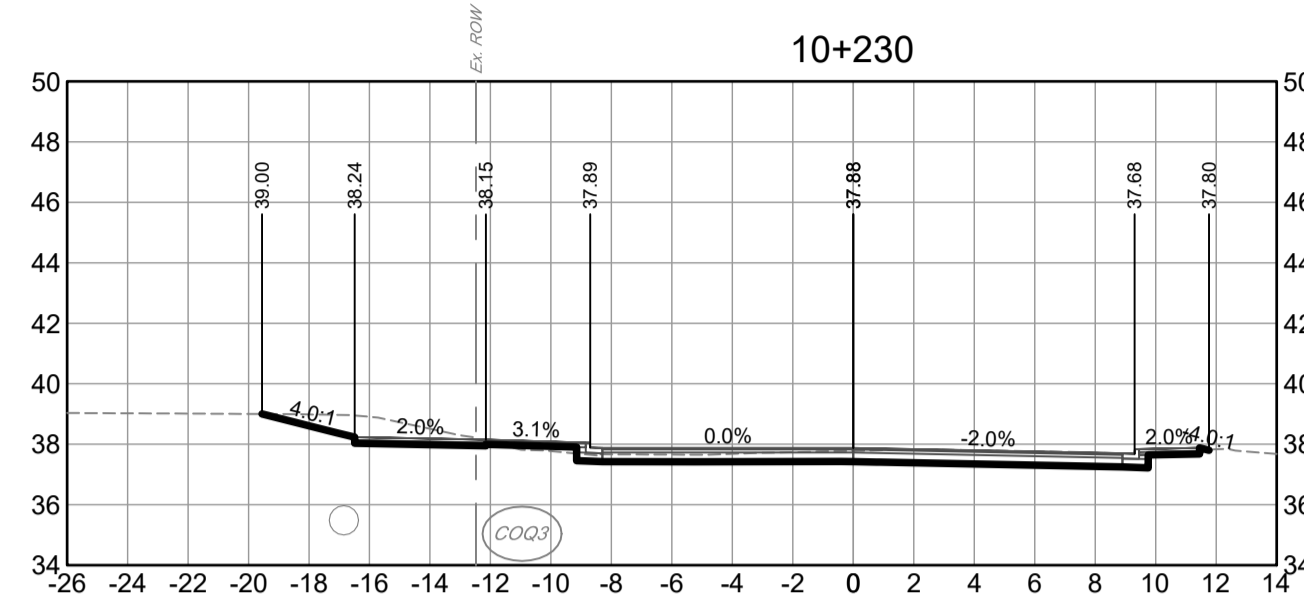
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DRAWN BY	EZ	DESIGN BY	AR	27 OF 47
CHECKED BY	CJB	APPROVED BY	CJB	REV. B

IFT DESIGN NO.

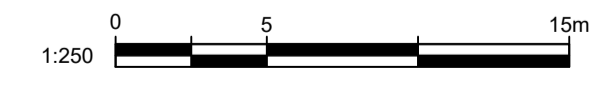
32524

DESTROY ALL PRINTS BEARING PREVIOUS NO.

File: C:\ADS\ACC\coquitlam\32524\Project Files\02_CADD\02_Drafting\02_Sheets\32524_SH_CROSS_SECTIONS.dwg



1.0m COVERAGE ELEVATION (TYP.)



PLOT DATE: January 19, 2025				
REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPR'D
A	DETAILED DESIGN	2023/07/25	GA	CJB
B	ISSUED FOR TENDER	2025/01/21	PM	CJB



ROAD WORKS

STA 10+230 TO STA 10+380

CROSS SECTIONS

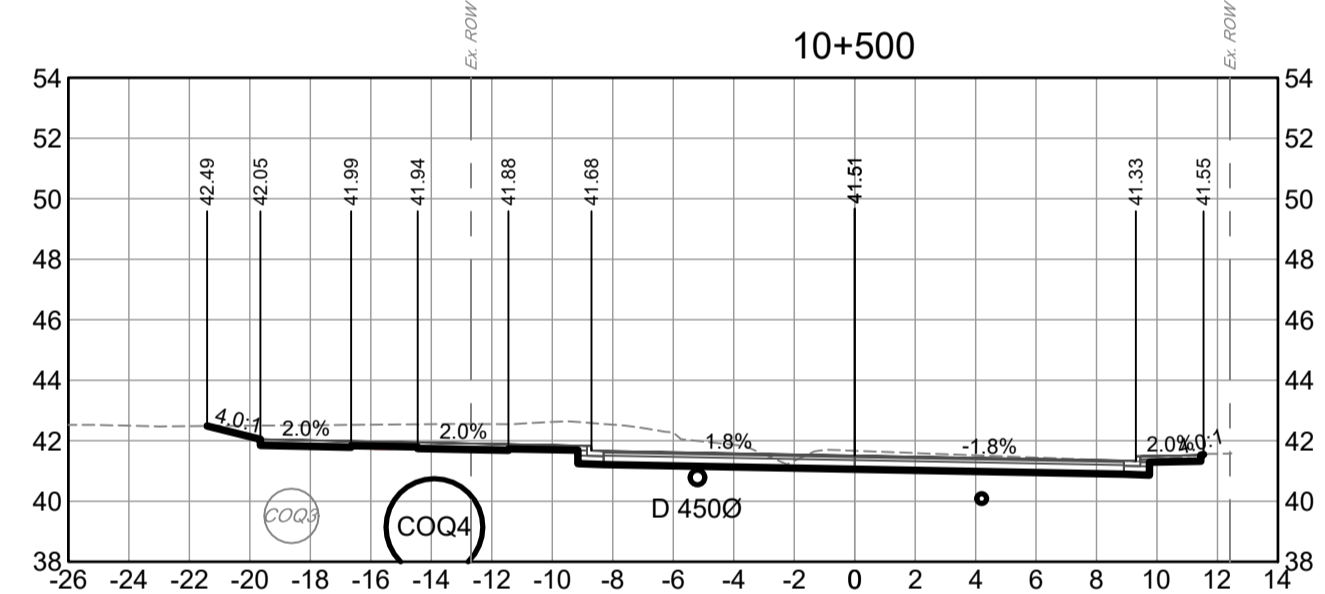
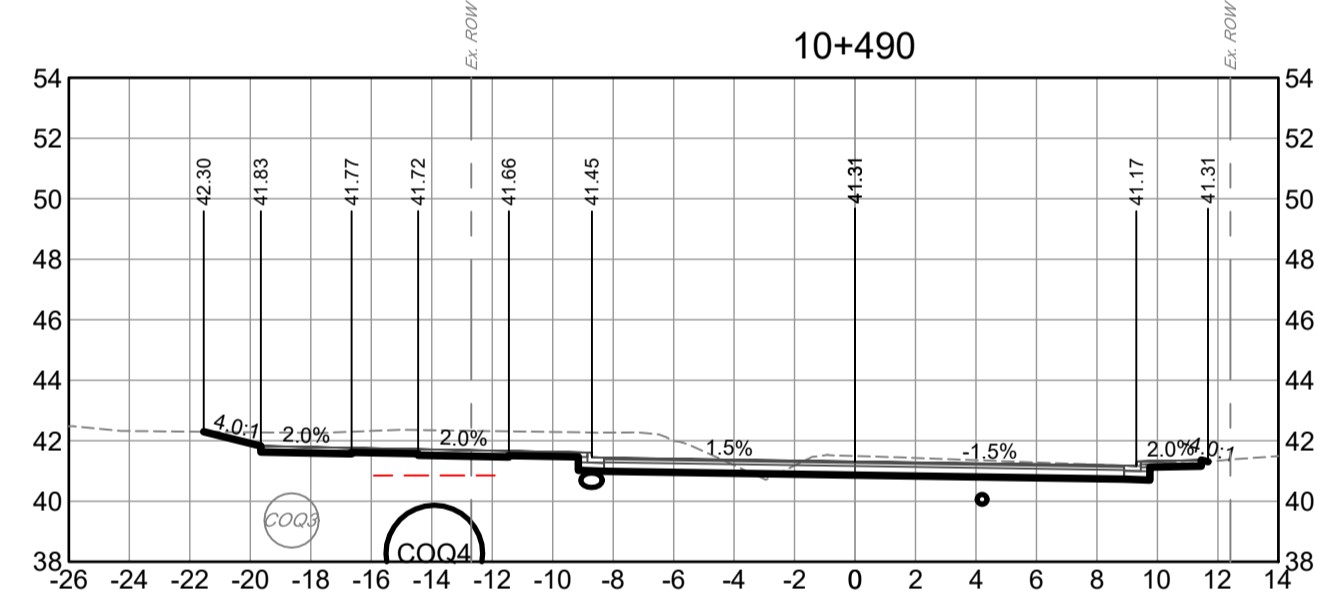
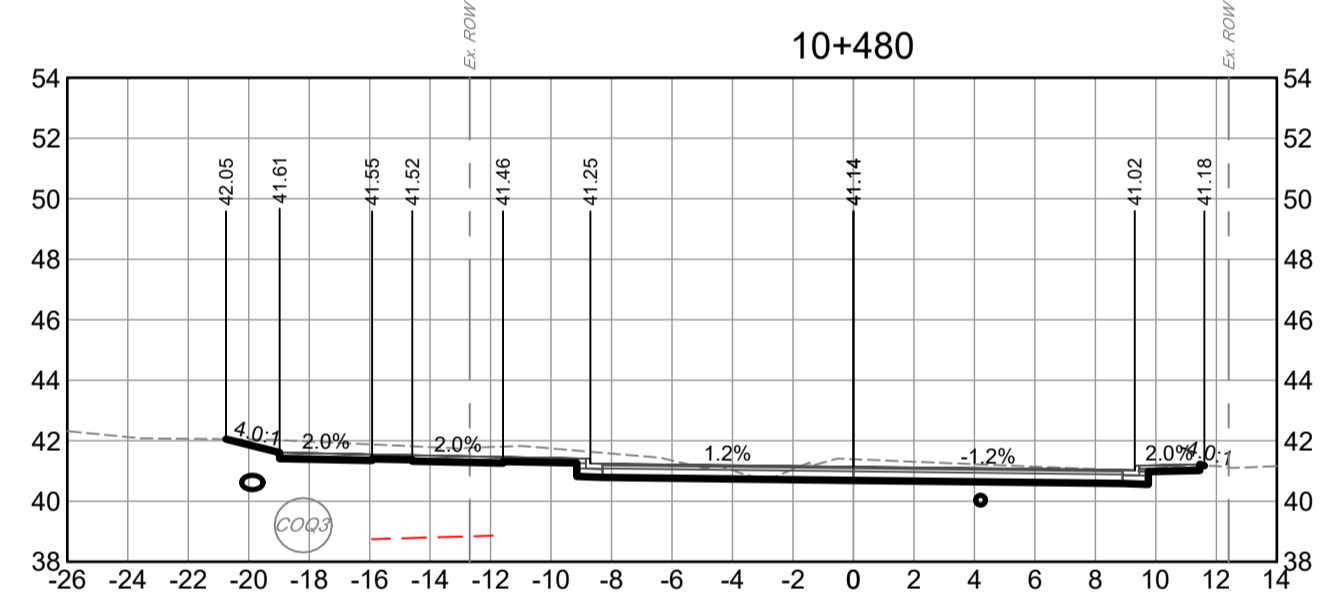
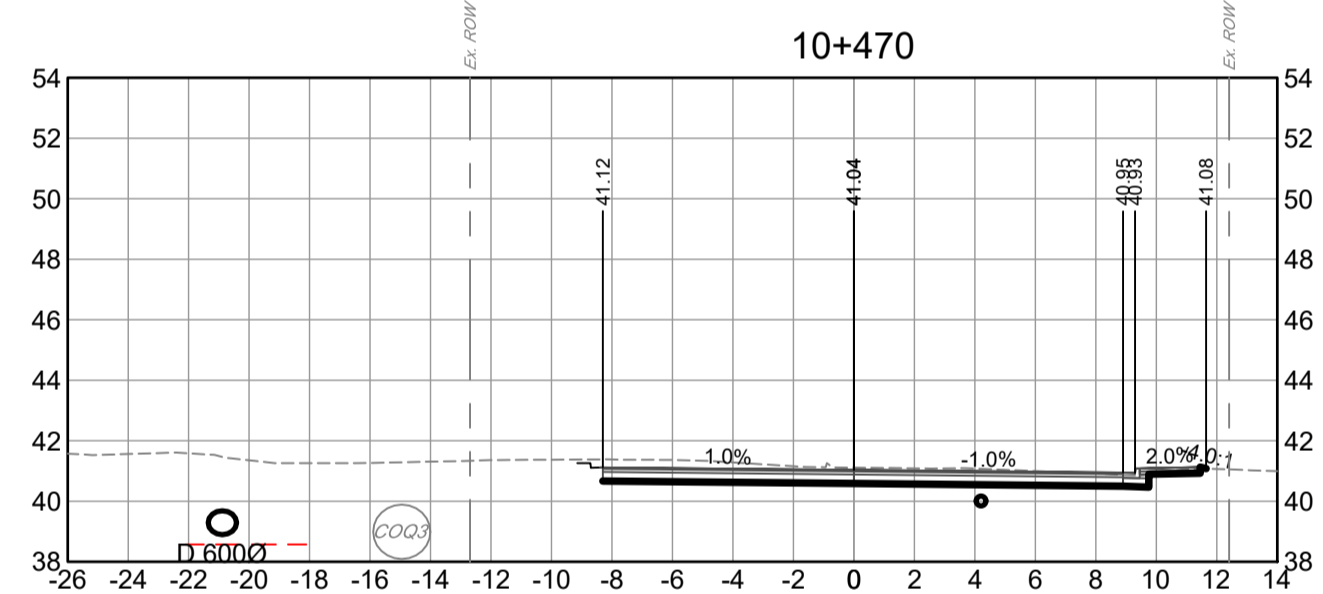
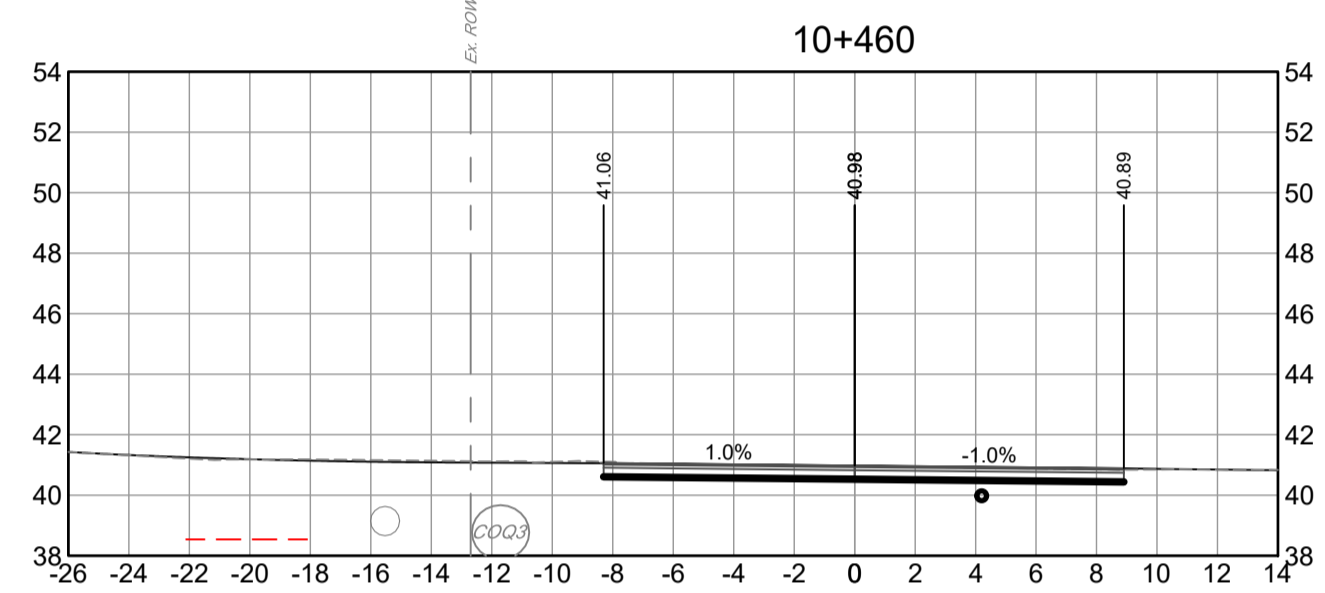
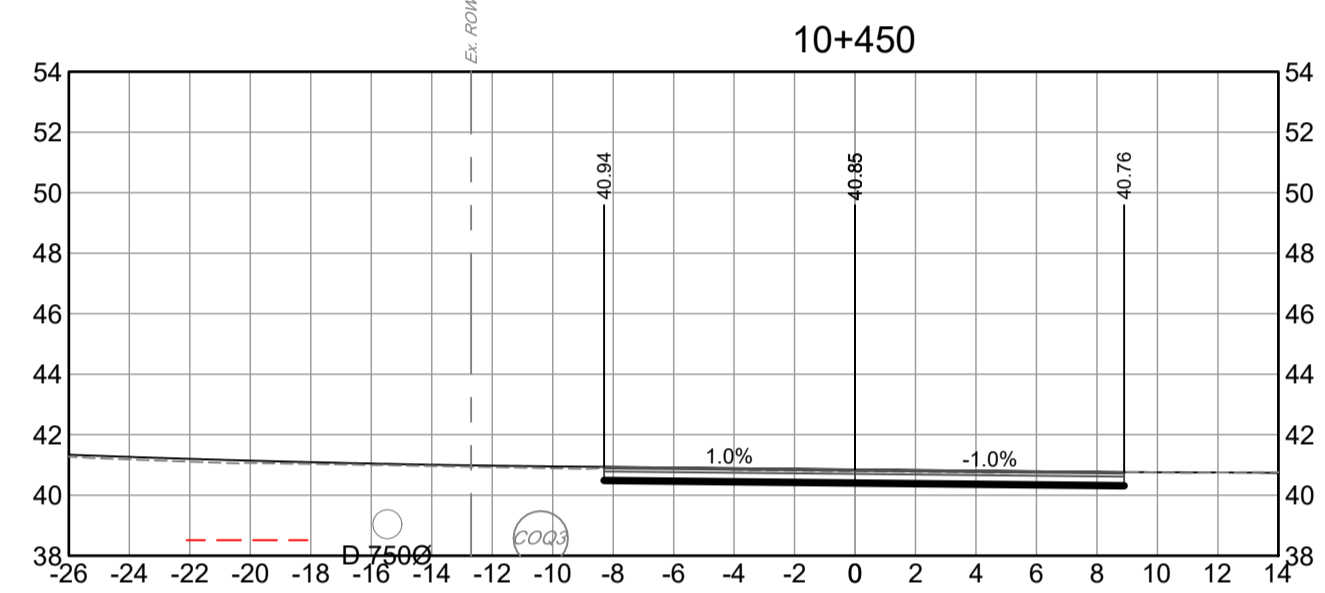
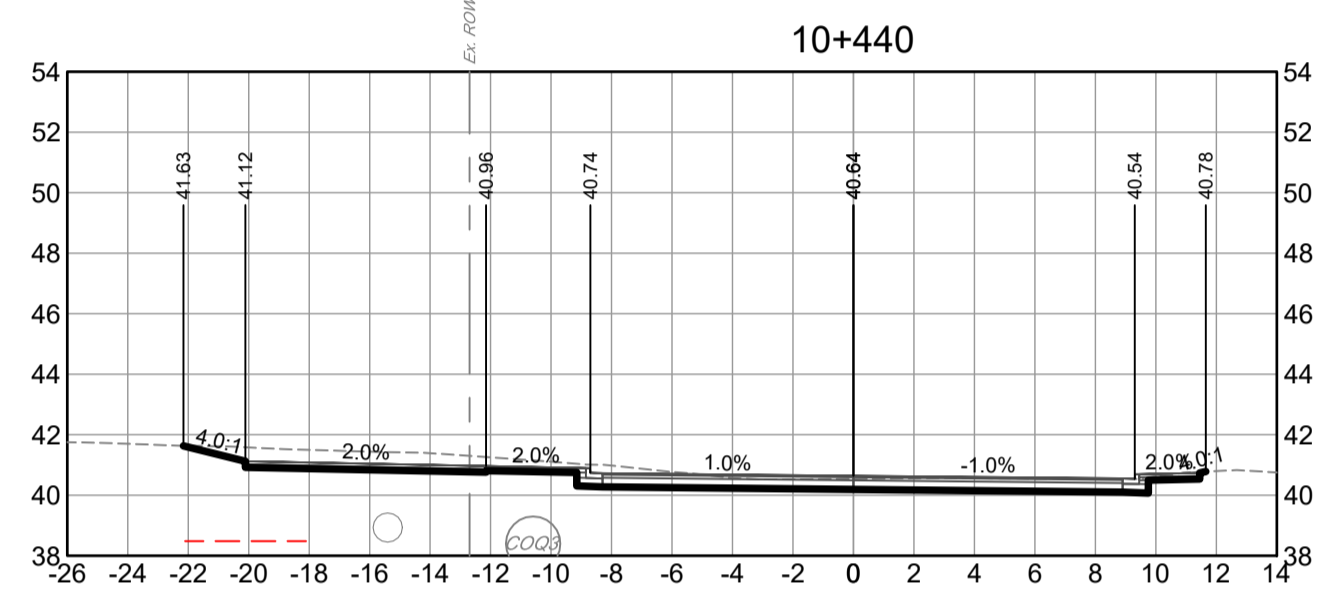
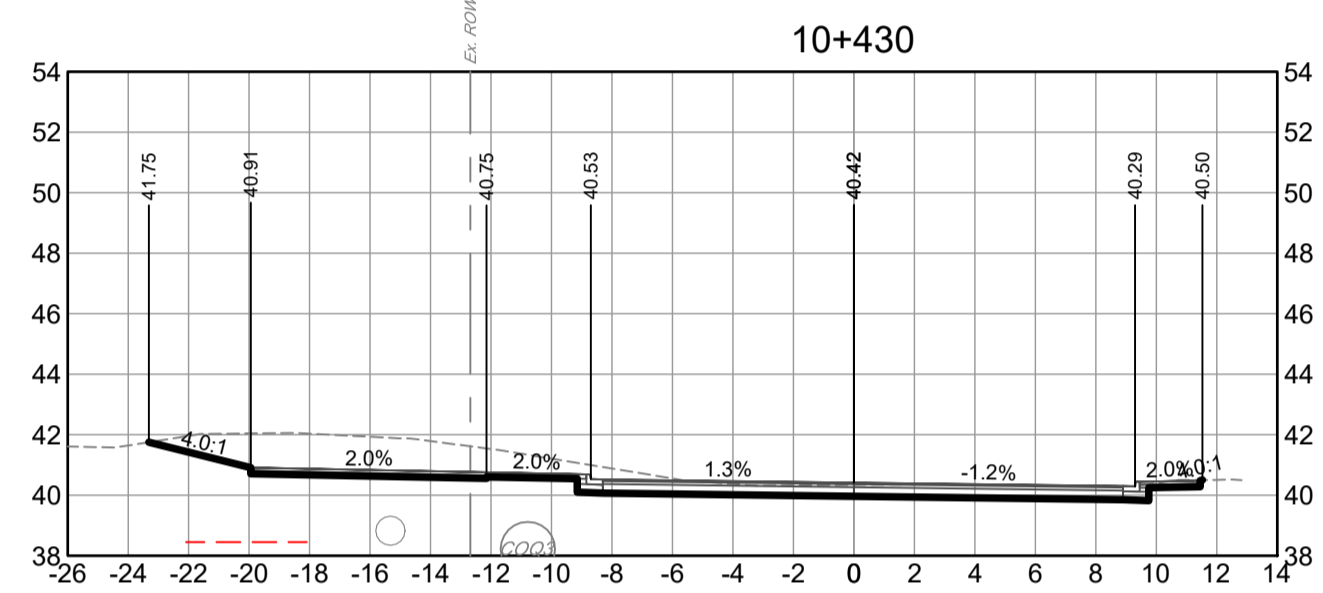
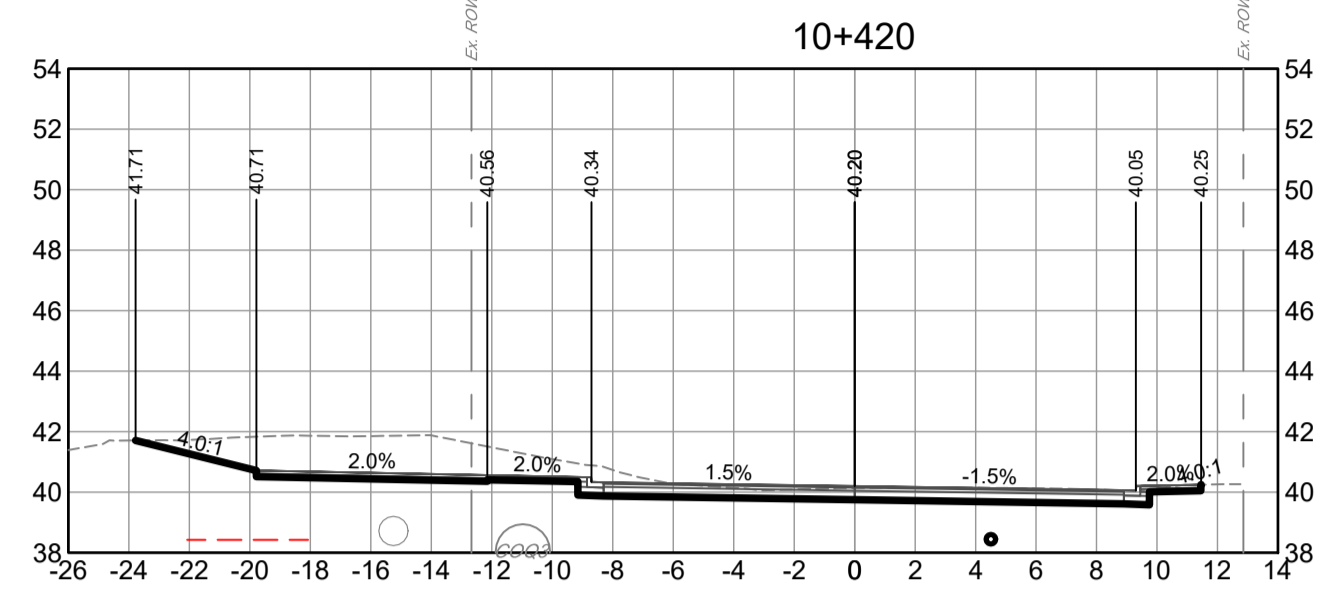
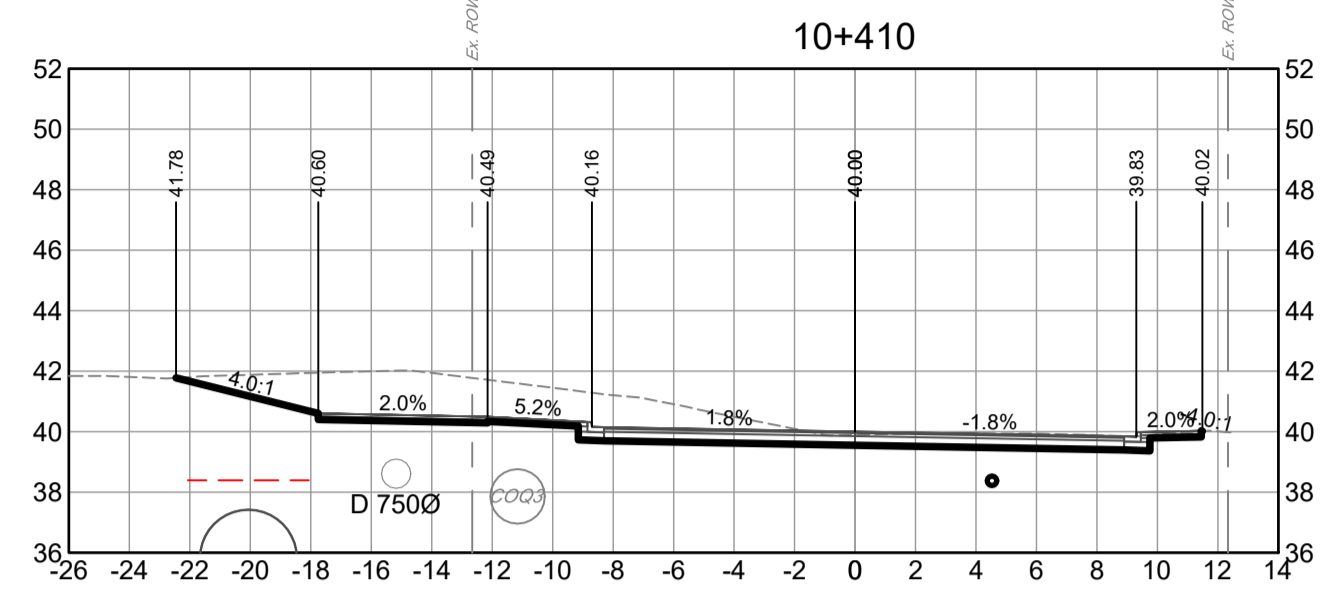
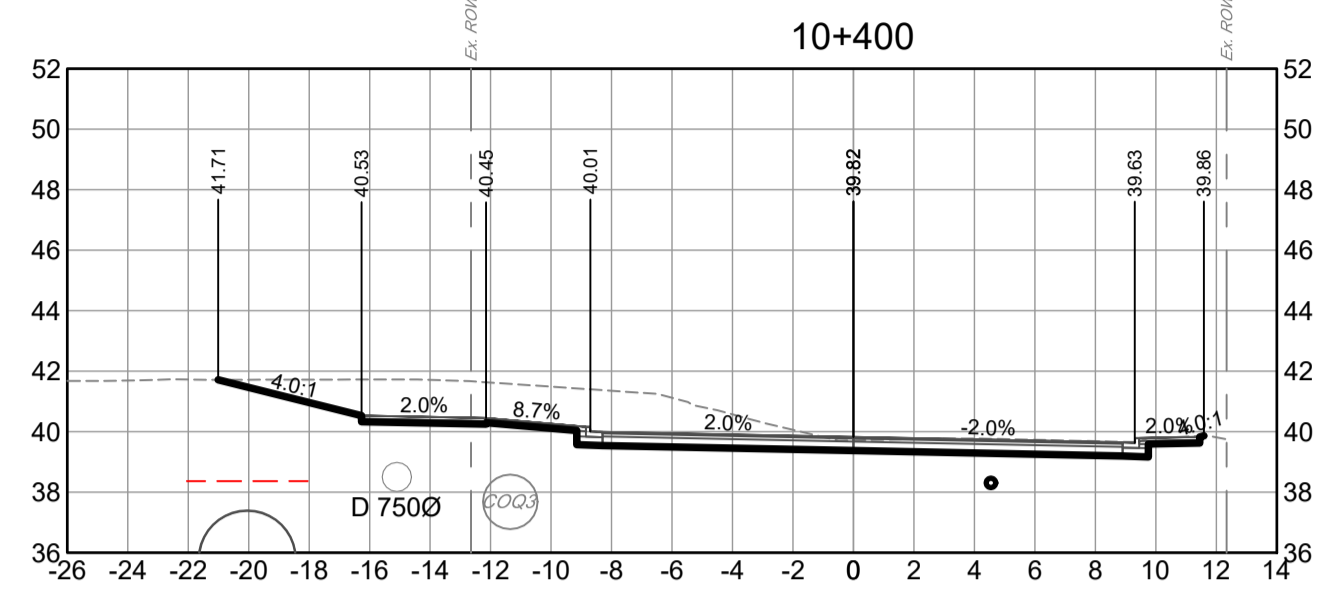
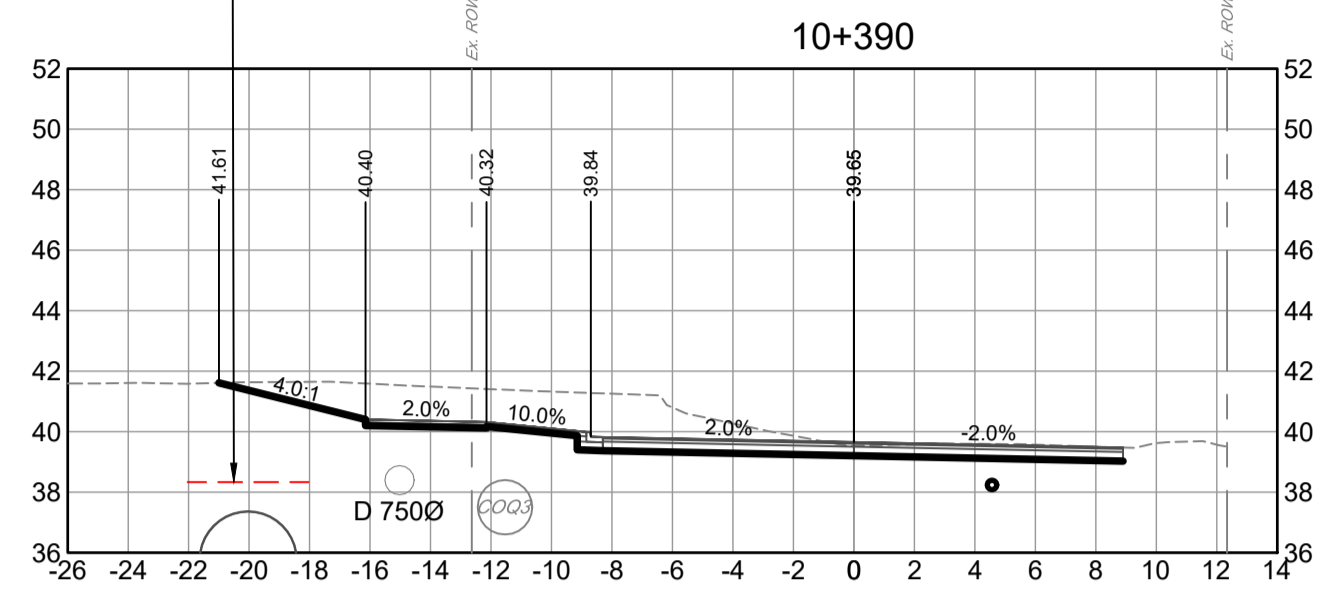


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CHECKED BY		CJB	
CREATION DATE		2424/11/01	
DESIGN BY		CJB	
APPROVED BY		CJB	
DWG. NO.		28 OF 47	
REV.		B	

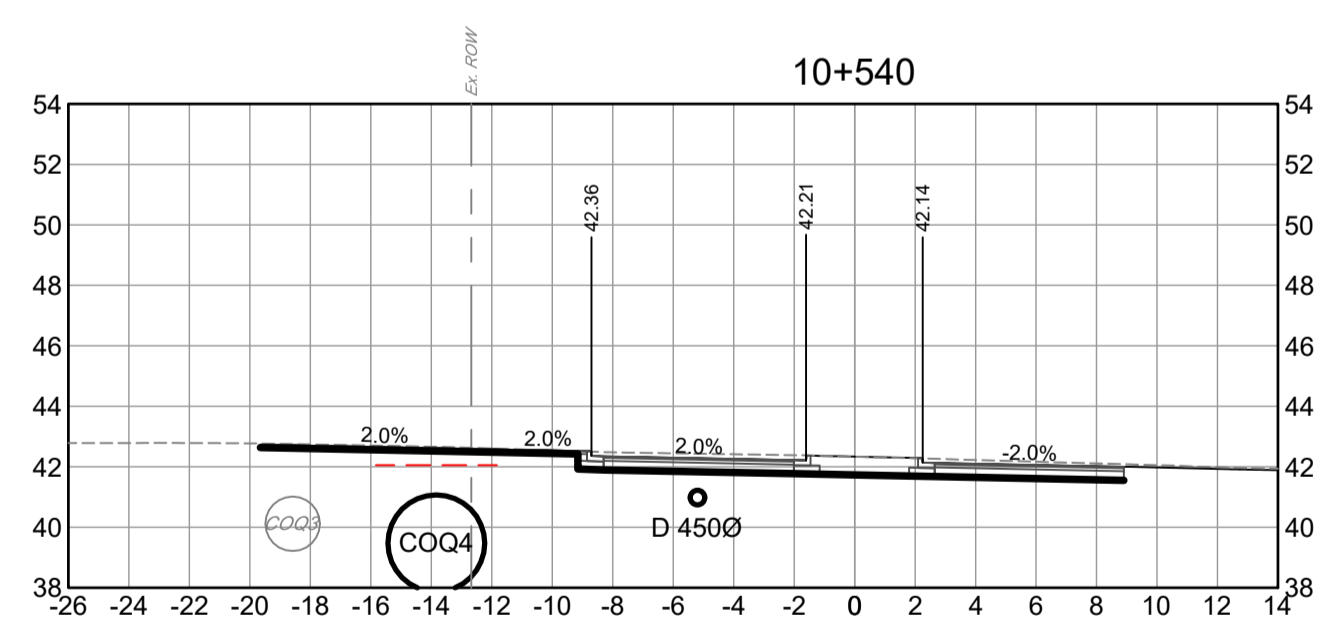
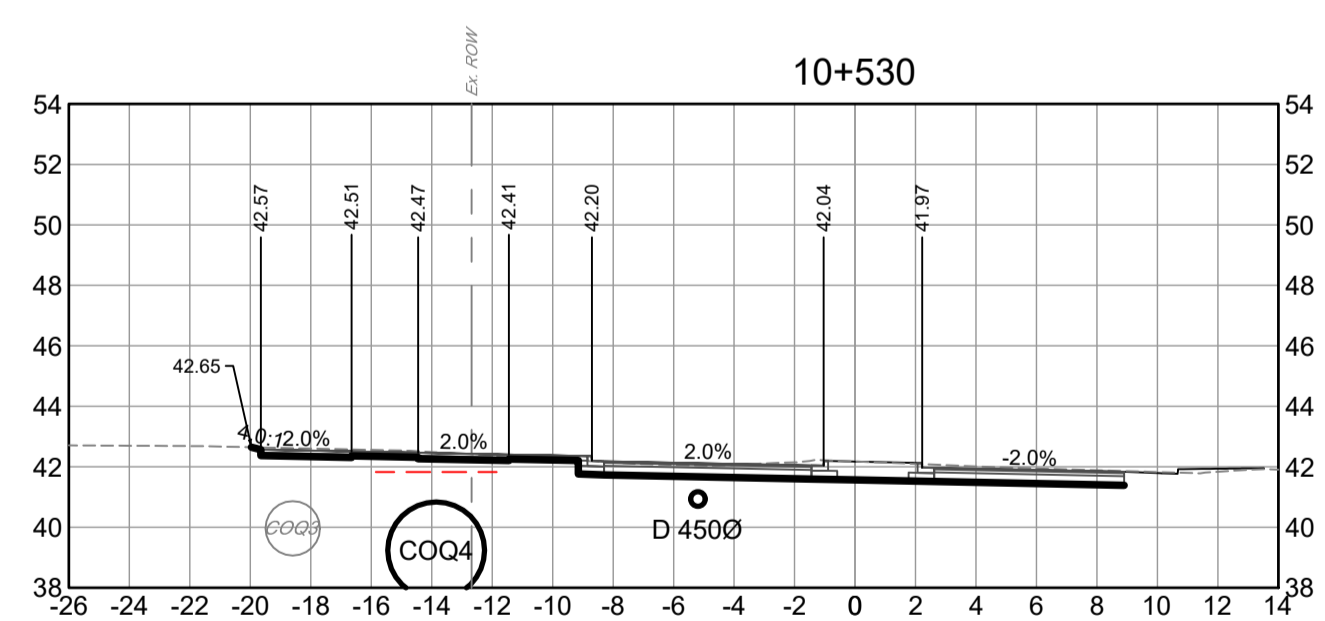
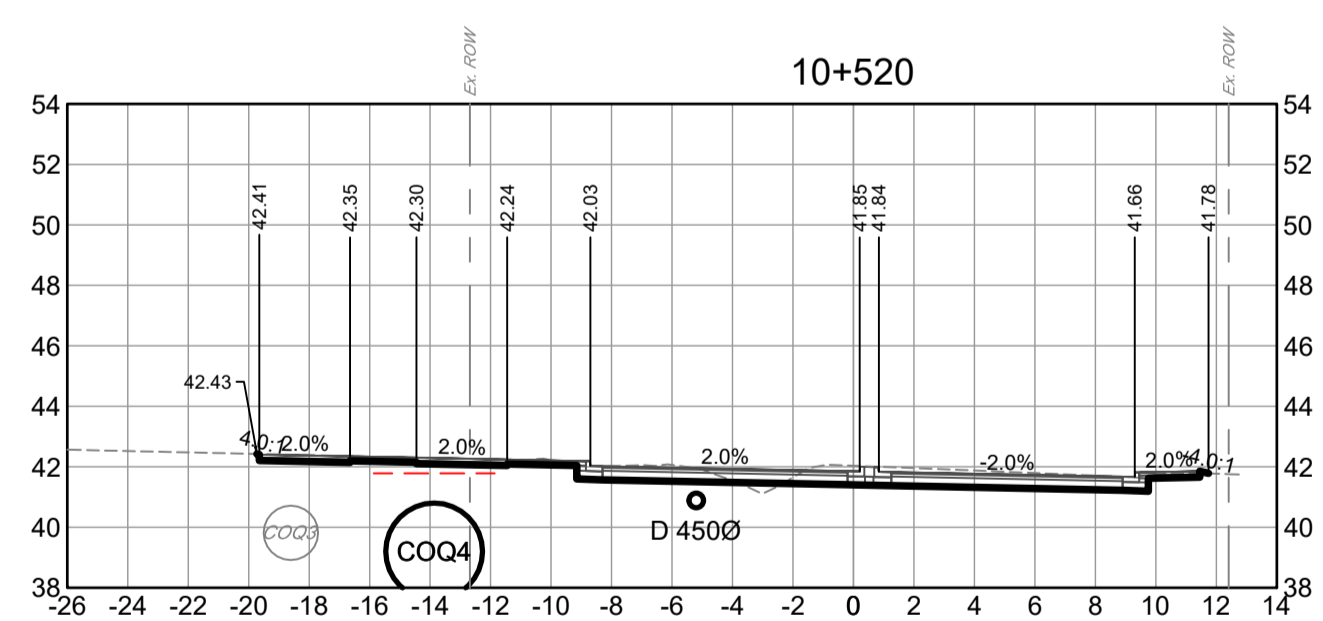
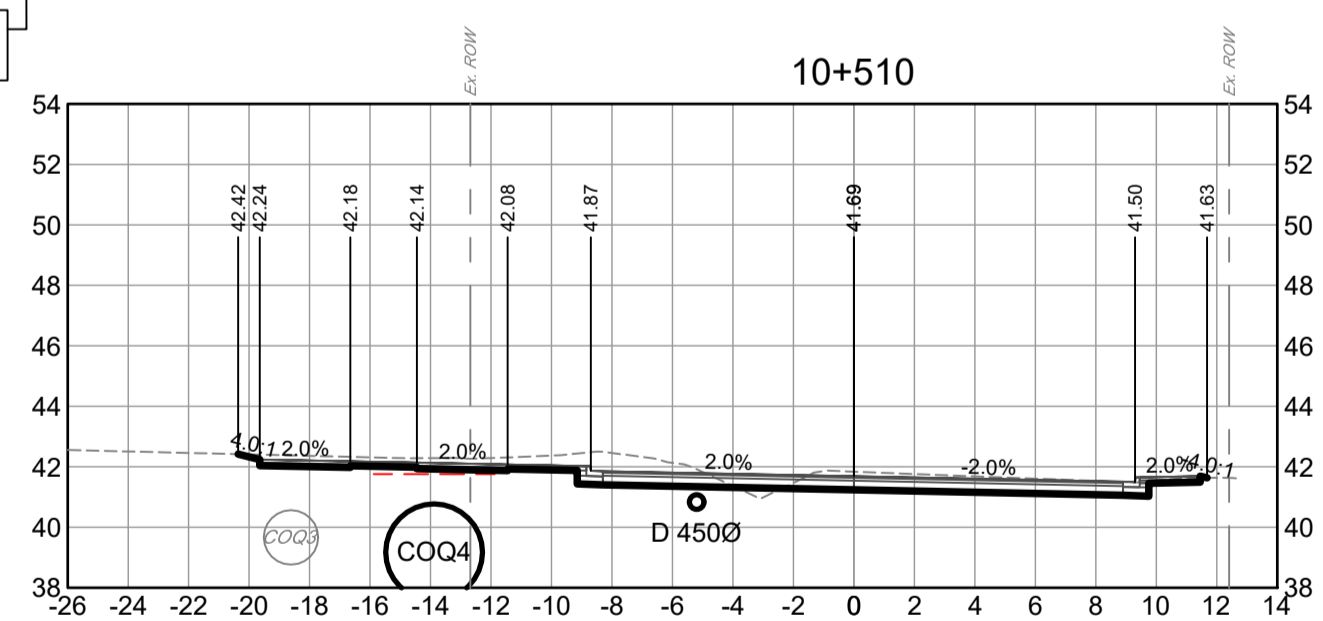
32524

IFT DESIGN NO.

1.0m COVERAGE ELEVATION (TYP.)



TREVOR WINGROVE WAY INTERSECTION



REDONDA DRIVE INTERSECTION



File: C:\ADS\A\COQUITLAM\32524\Project Files\02_CADD\00_Drafting\02_Sheets\32524_SH_CROSS_SECTIONS.dwg

REV. NO.	REVISION DESCRIPTION	DATE	DRAWN	APPR'D
A	DETAILED DESIGN	2023/07/25	GA	CJB
B	ISSUED FOR TENDER	2025/01/21	PM	CJB



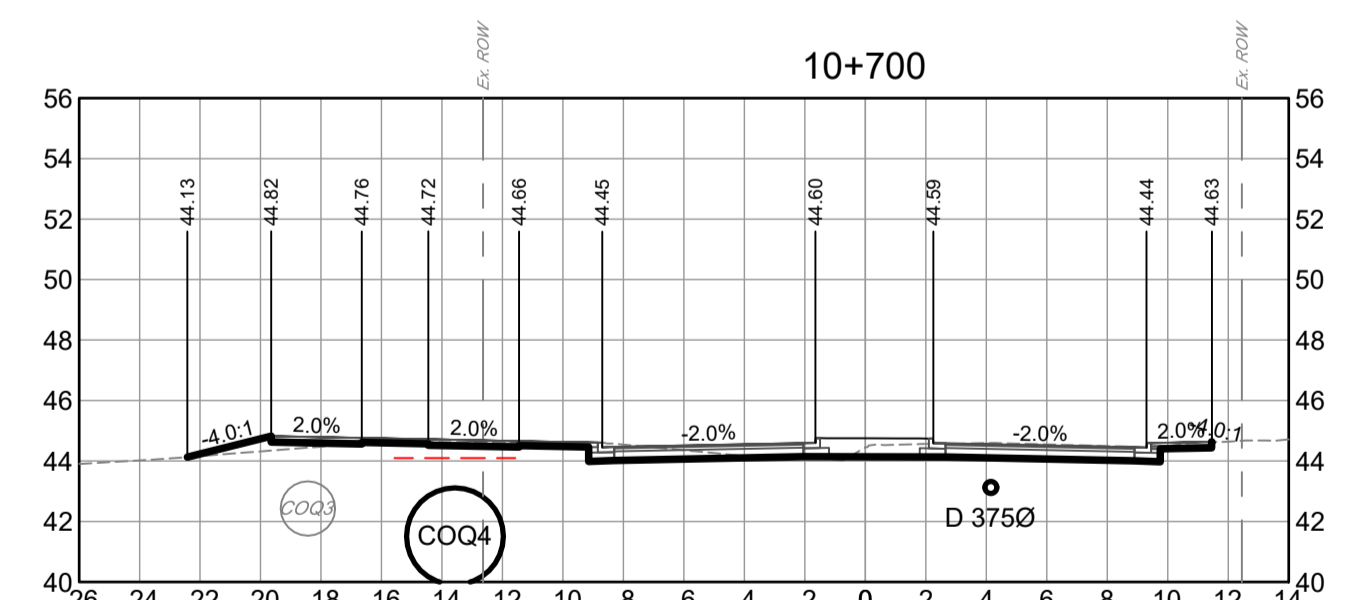
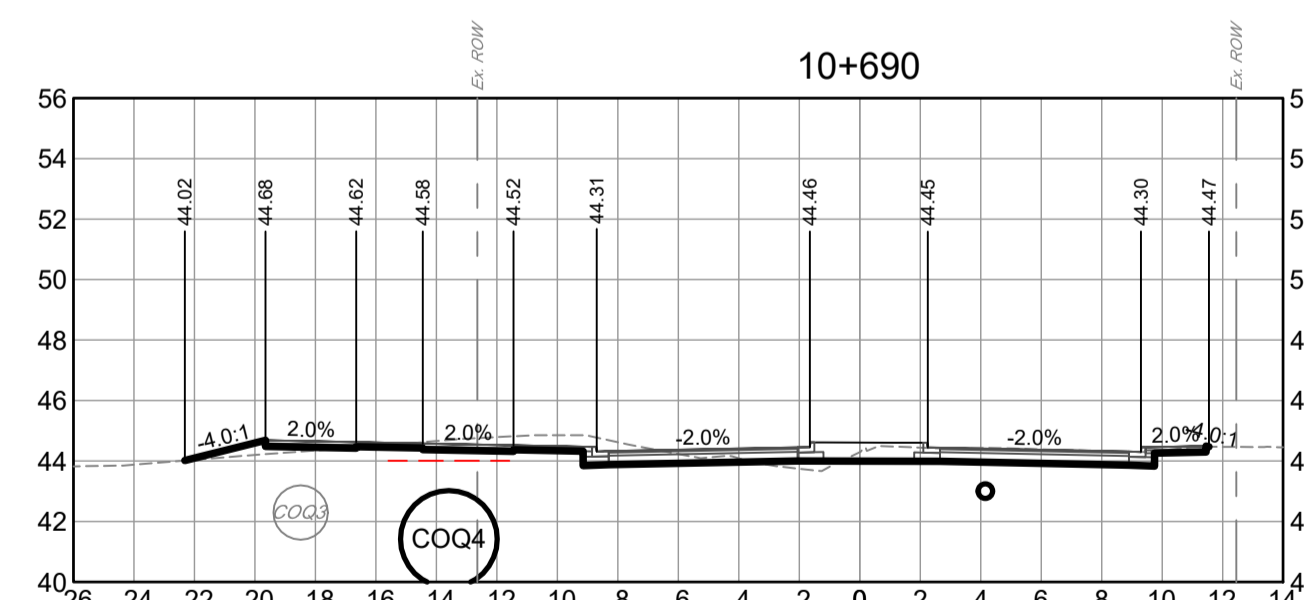
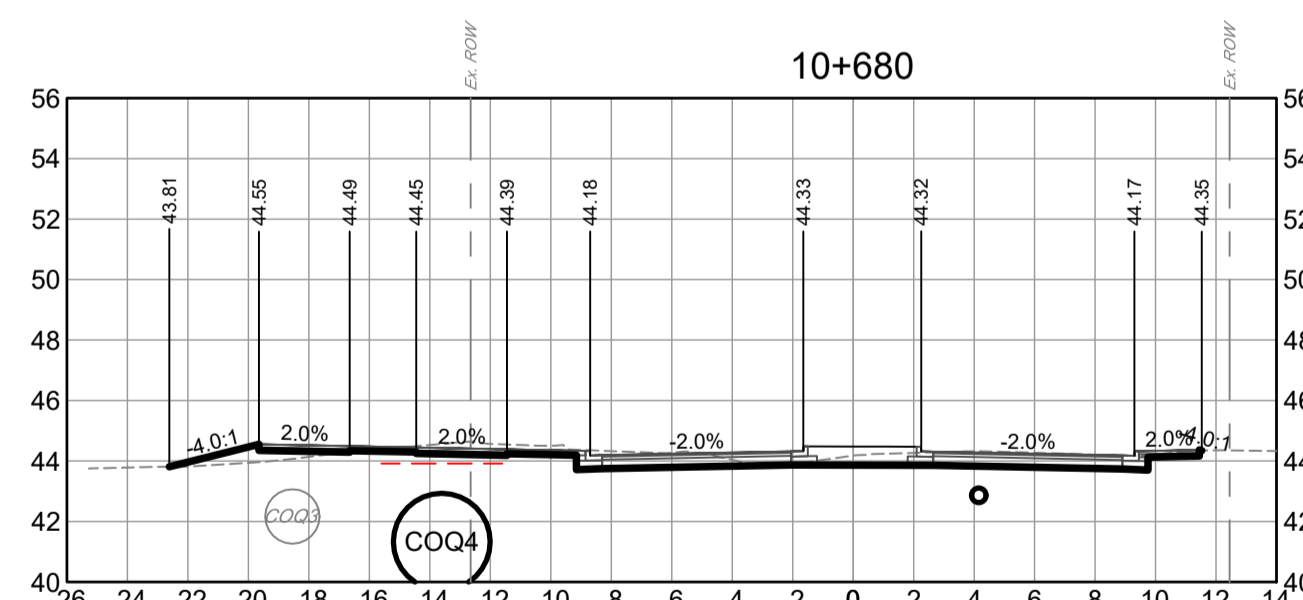
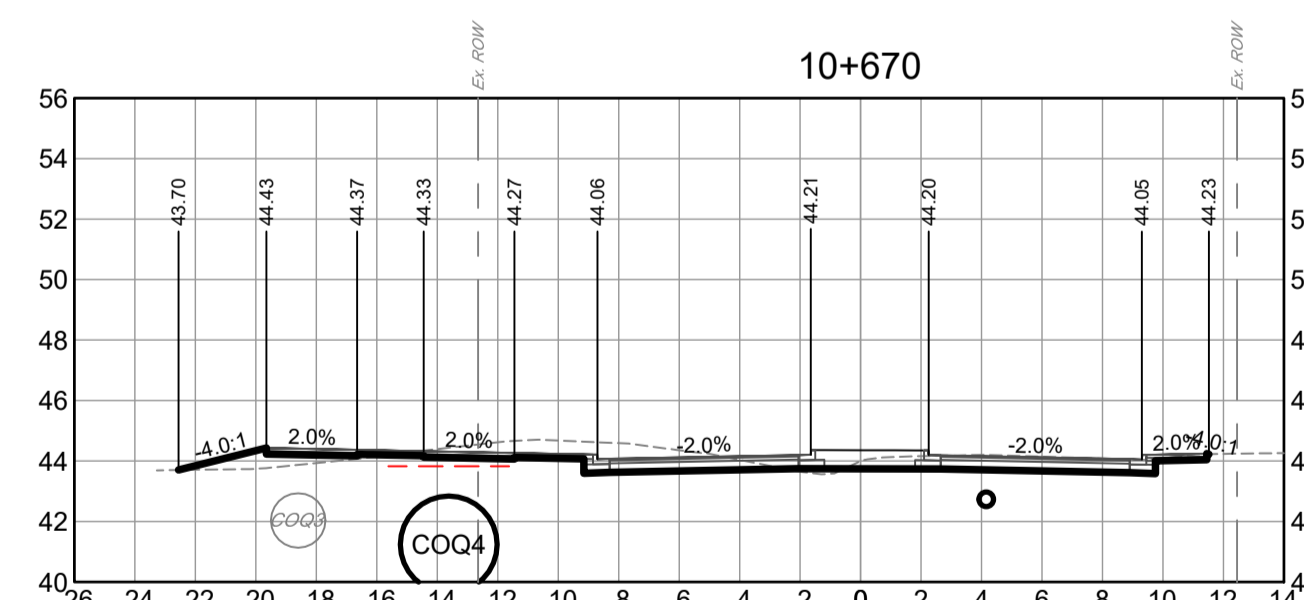
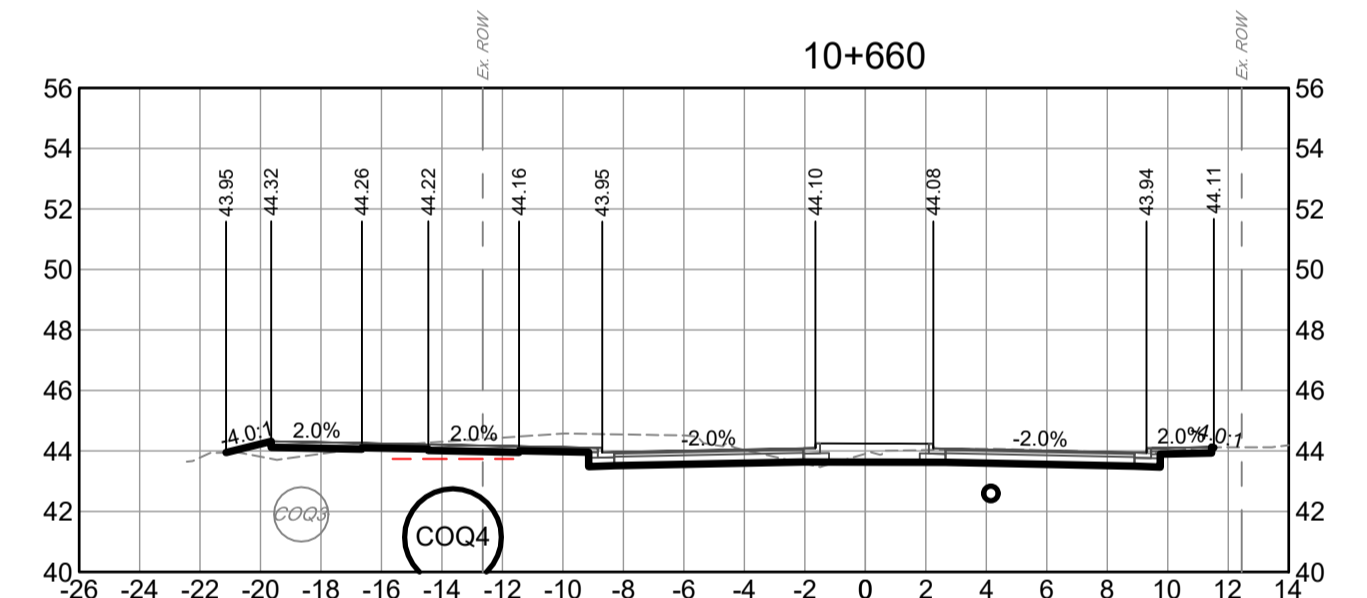
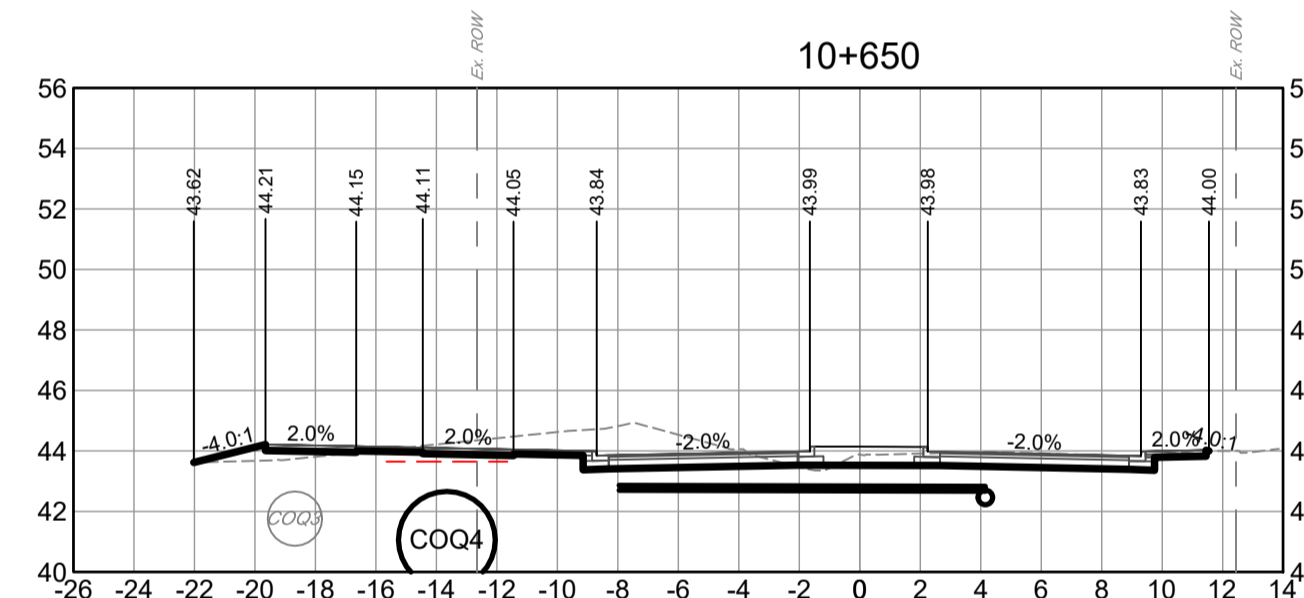
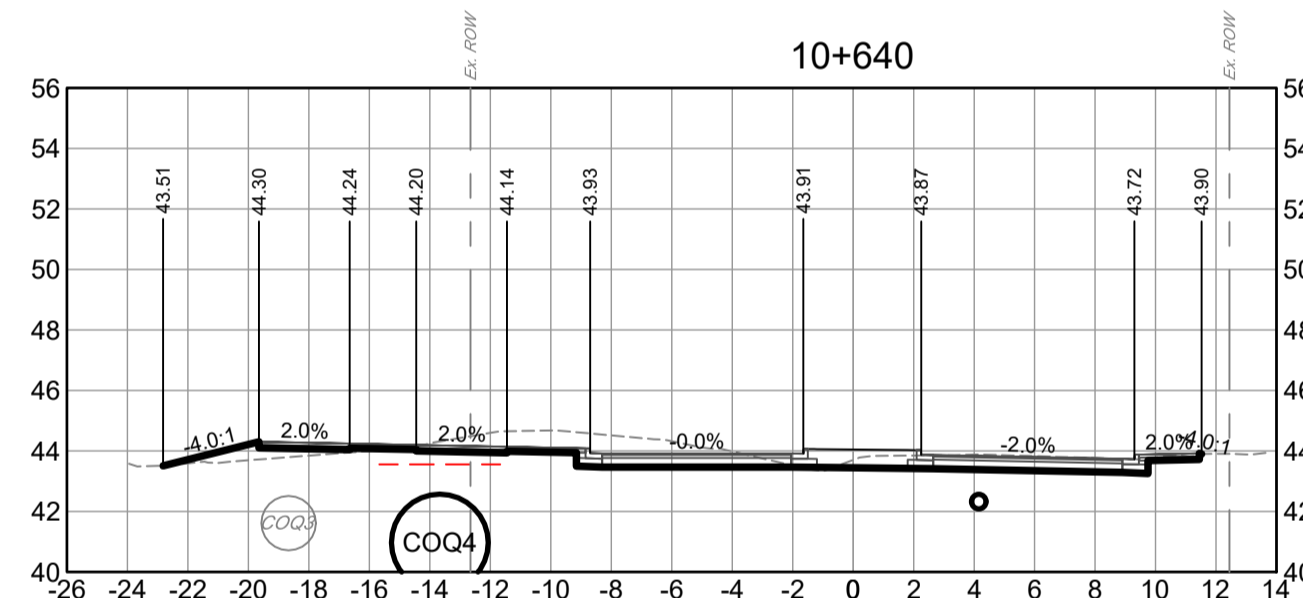
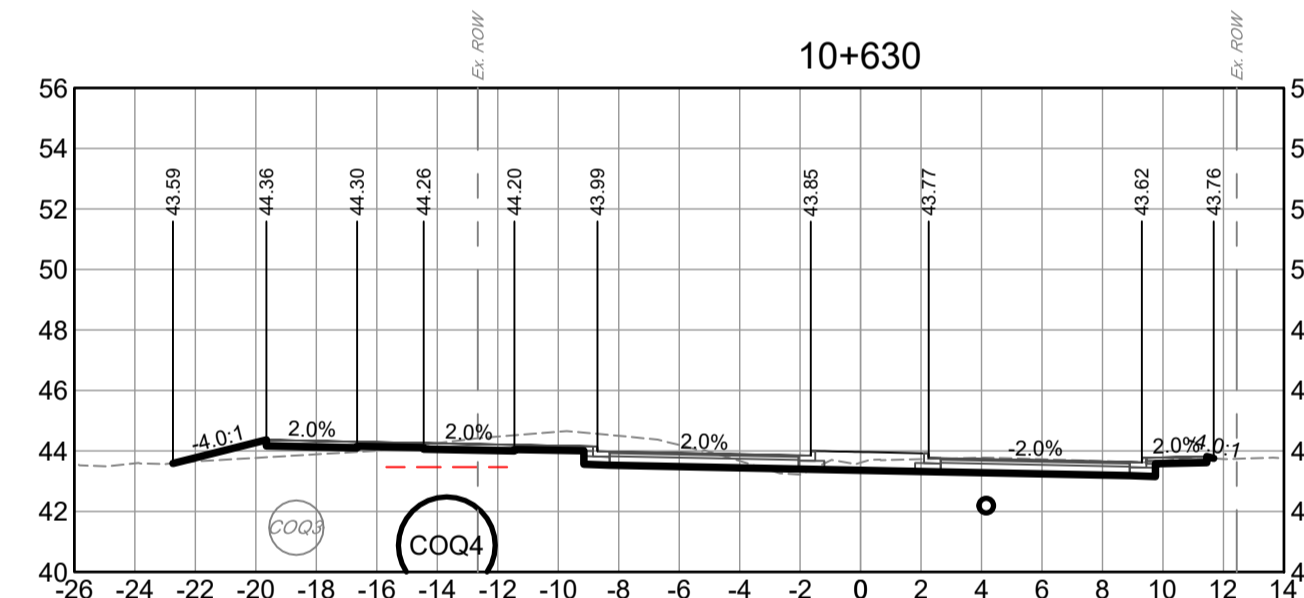
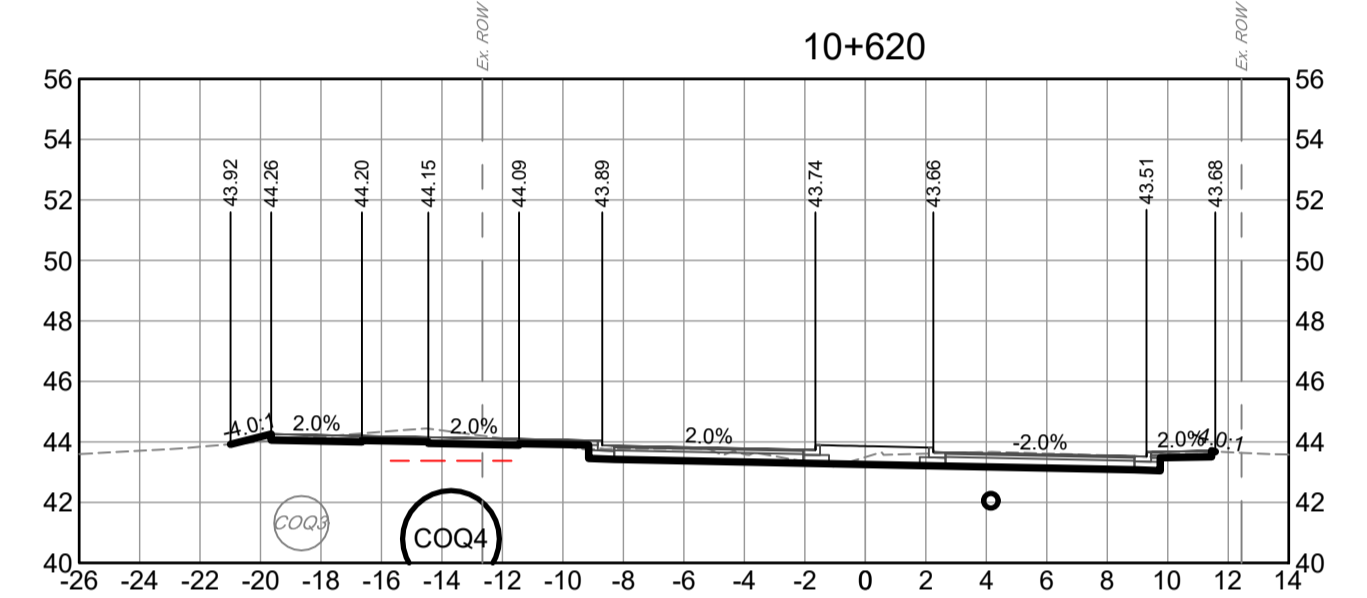
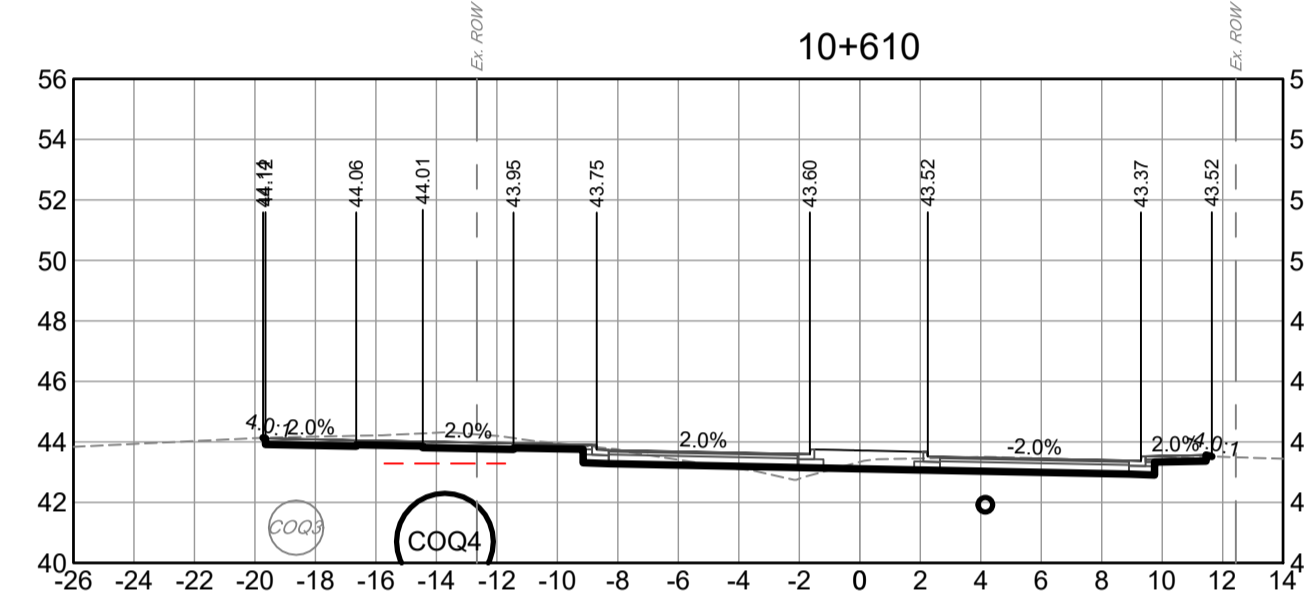
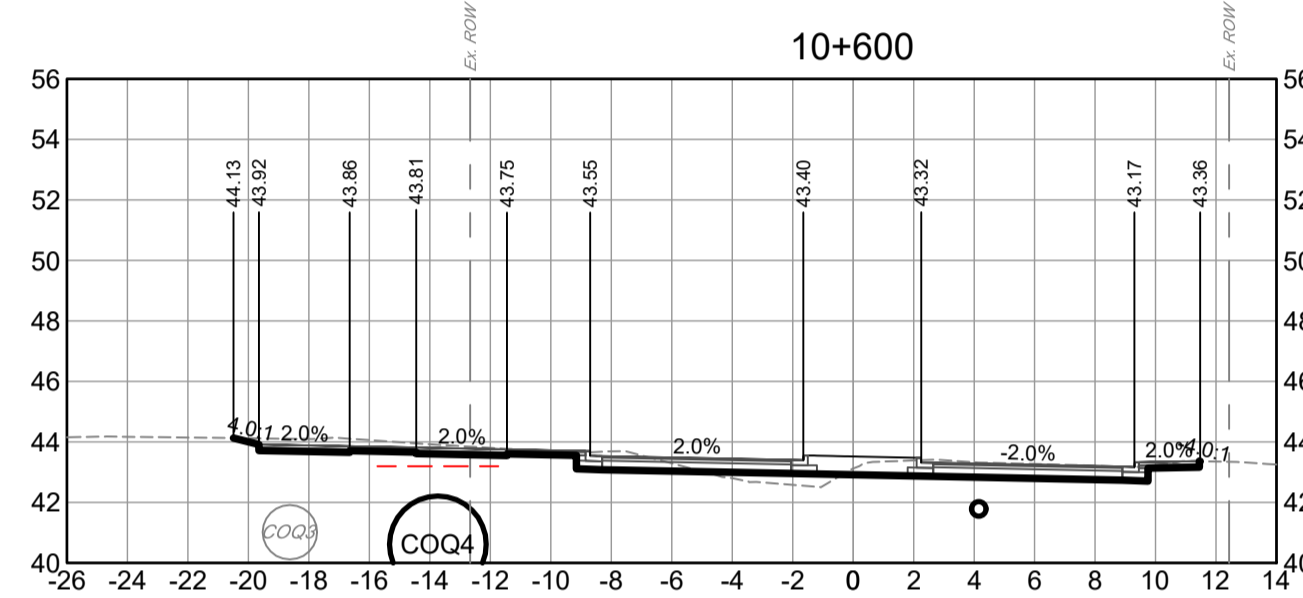
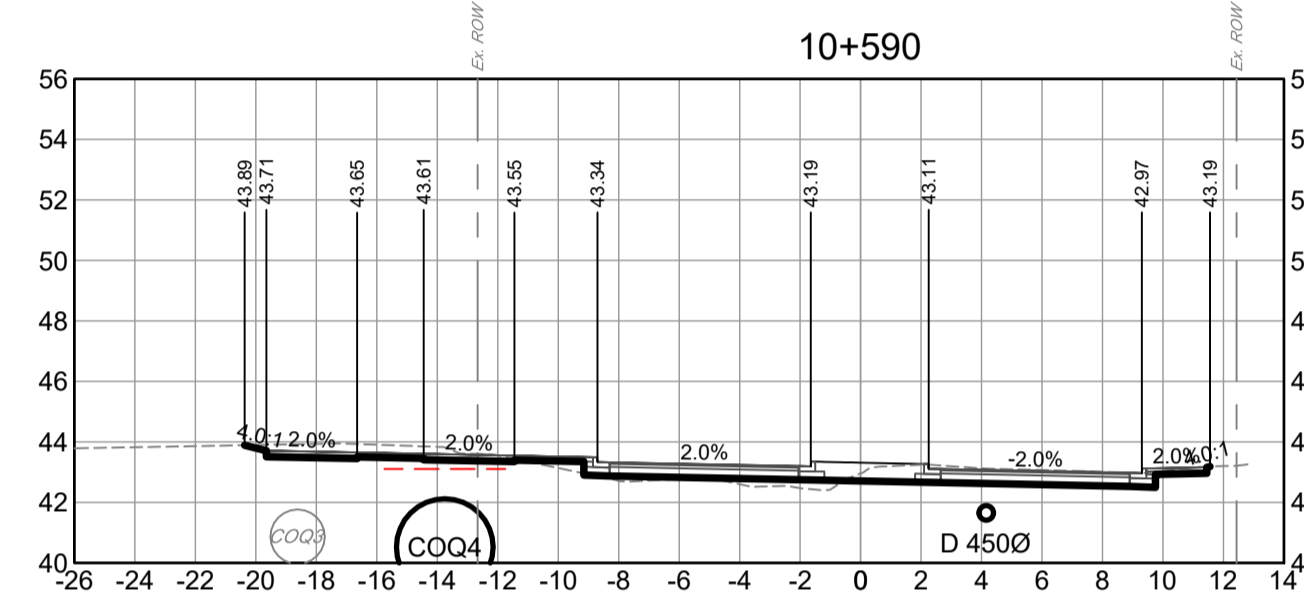
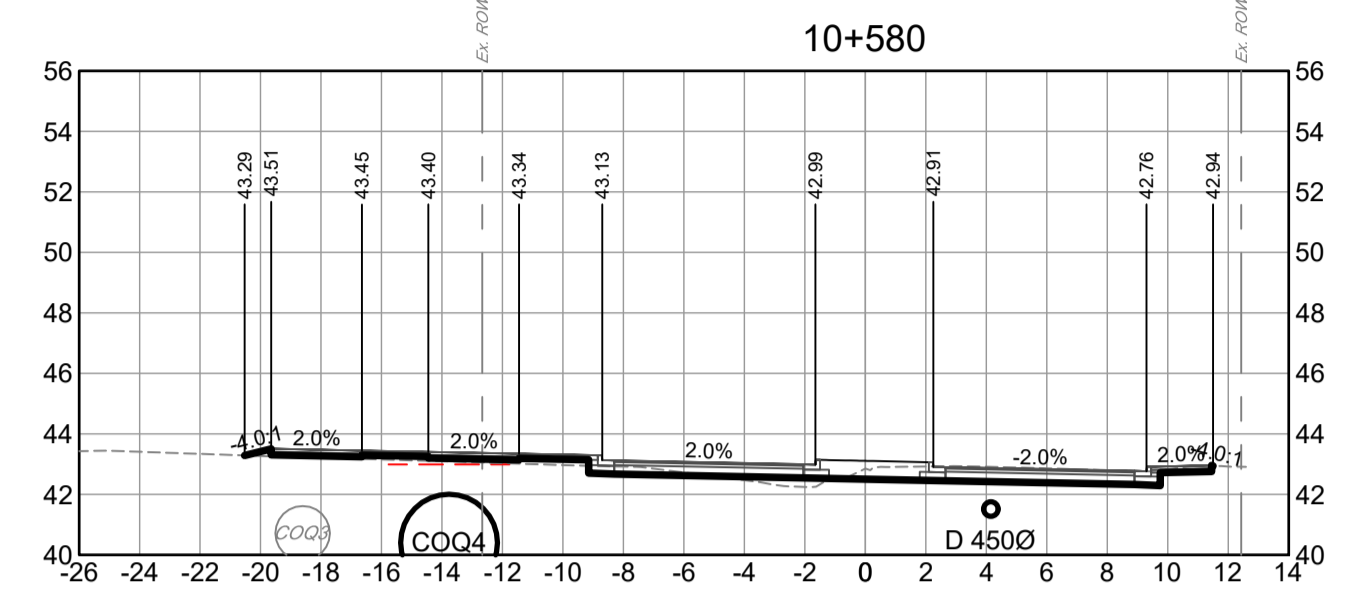
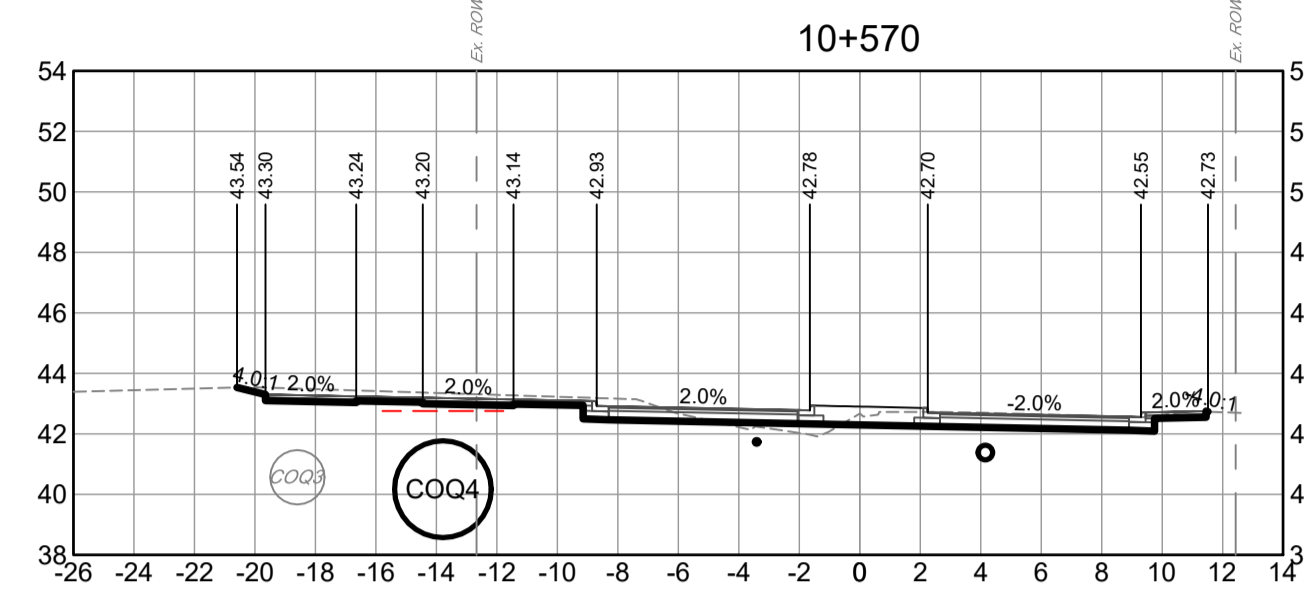
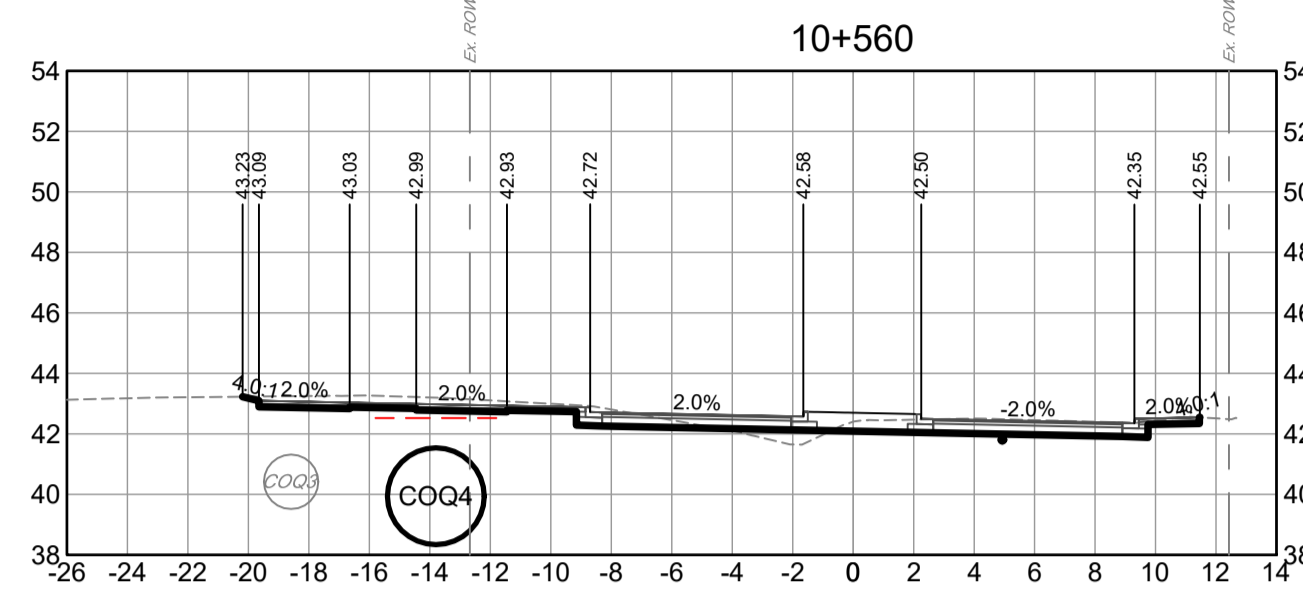
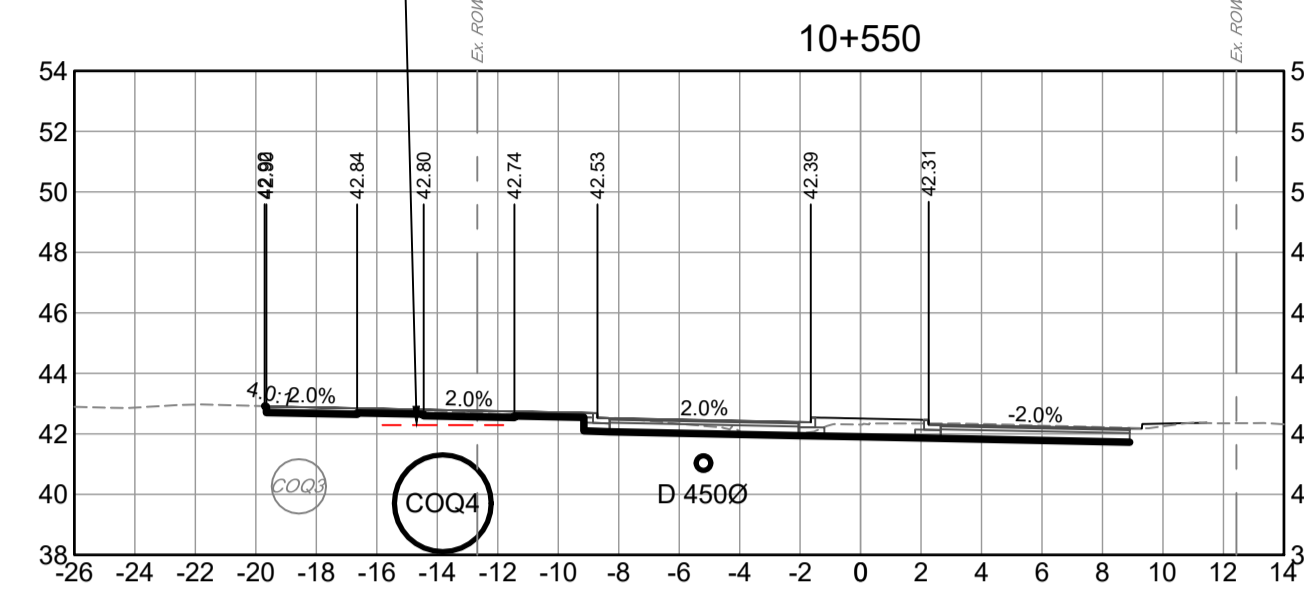
ROAD WORKS

STA 10+390 TO STA 10+540 CROSS SECTIONS



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DRAWN BY	PM	DESIGN BY	CJB	APPROVED BY	CJB	OF	47
CHECKED BY	CJB	APPROVED BY	CJB	REV.	B		

1.0m COVERAGE ELEVATION (TYP.)



PLOT DATE: January 19, 2025

REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPR'D
A	DETAILED DESIGN	2023/07/25	GA	CJB
B	ISSUED FOR TENDER	2025/01/21	PM	CJB

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

**ROAD
WORKS**

**STA 10+550 TO STA 10+700
CROSS SECTIONS**



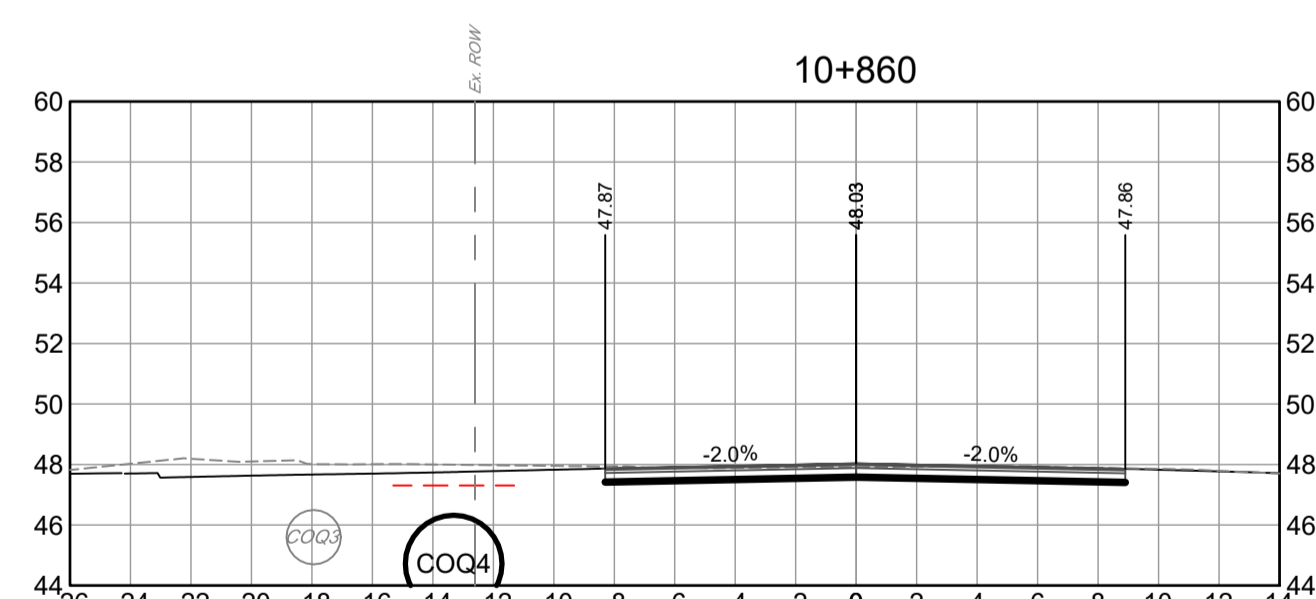
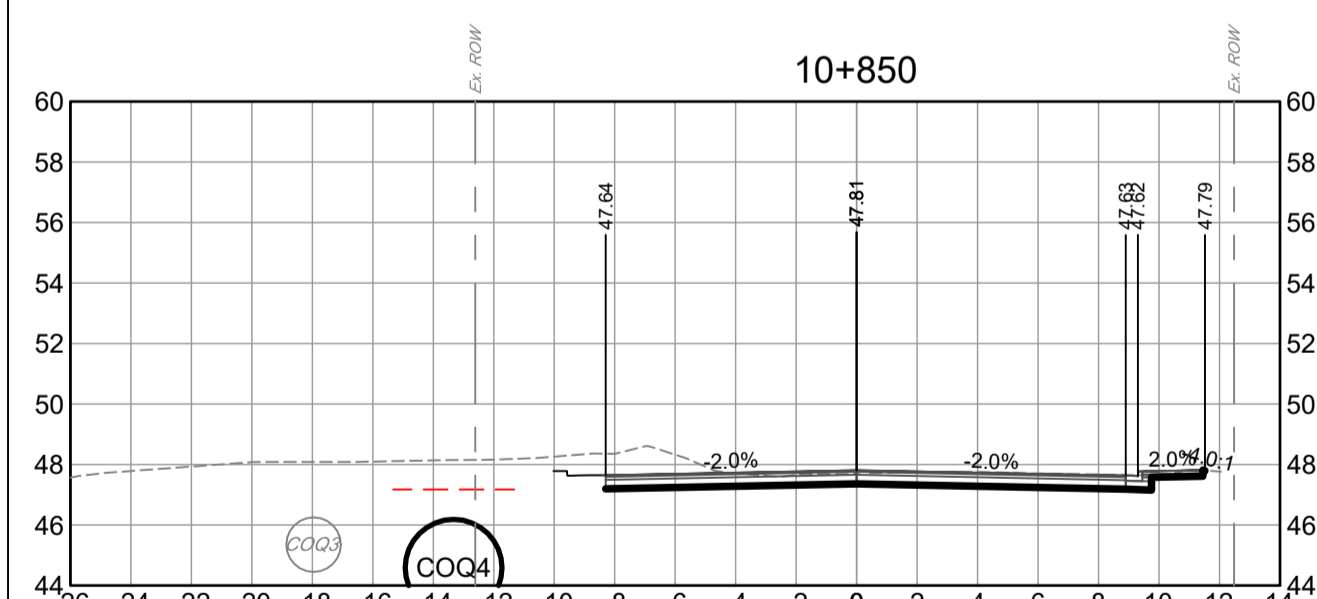
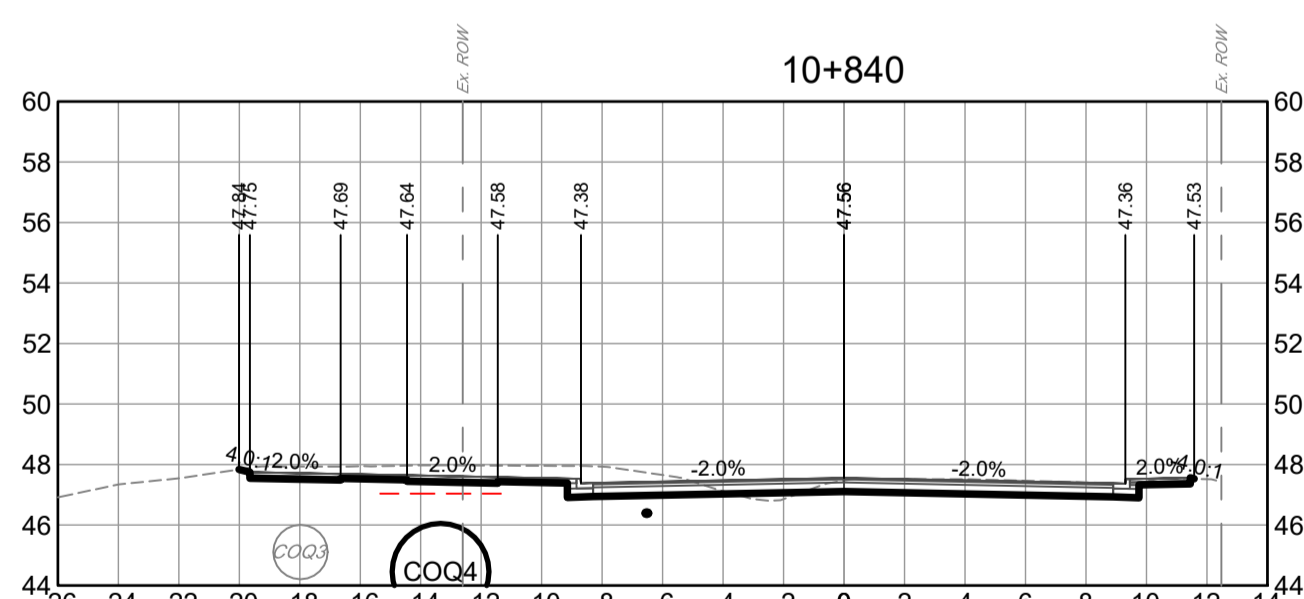
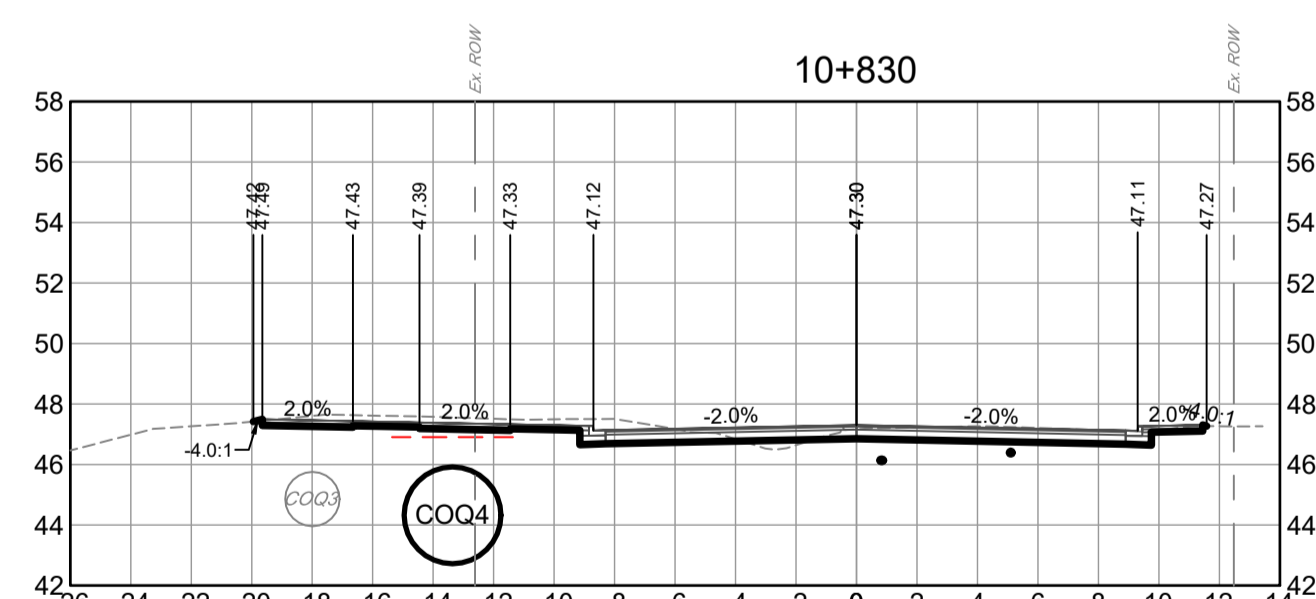
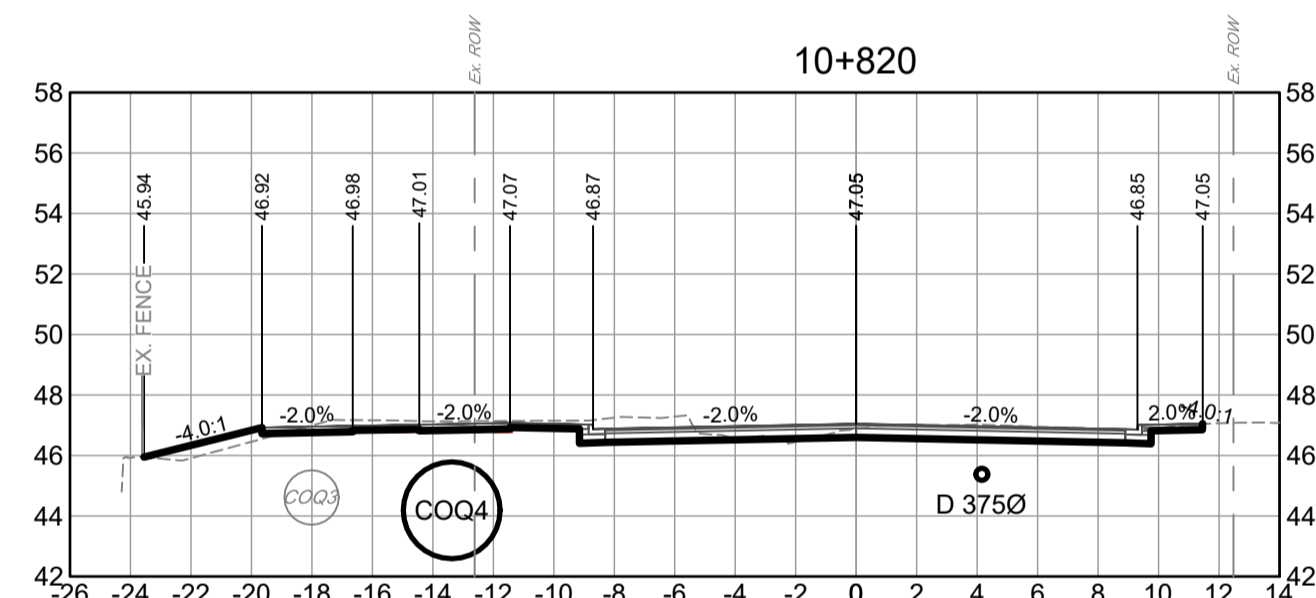
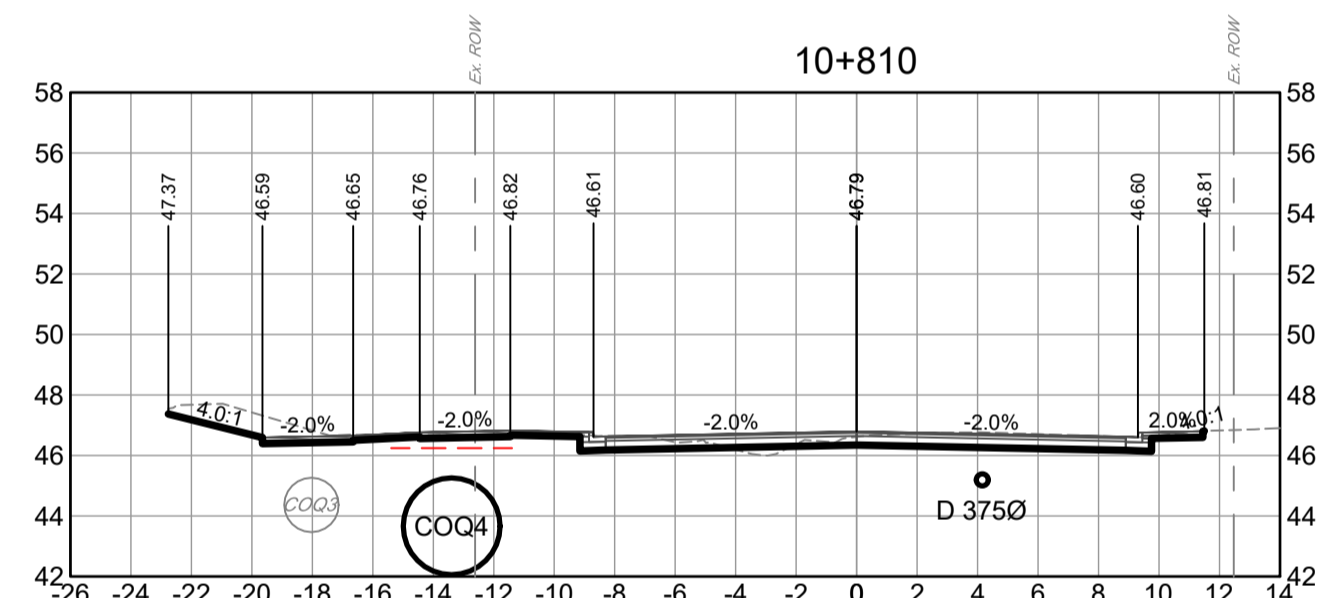
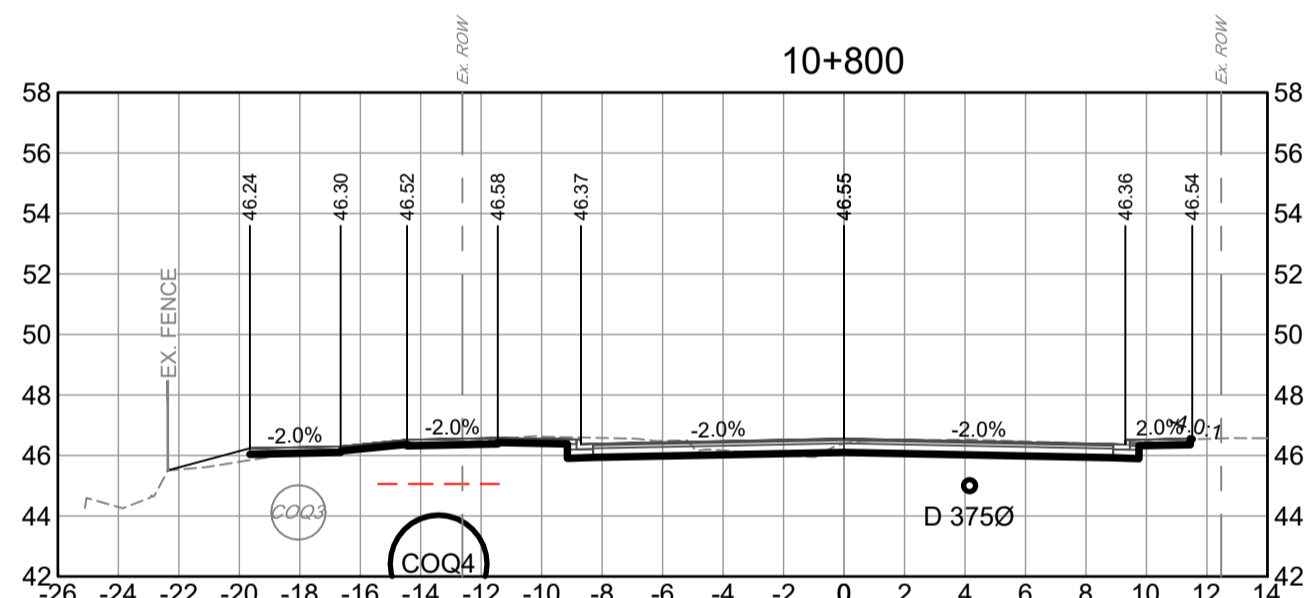
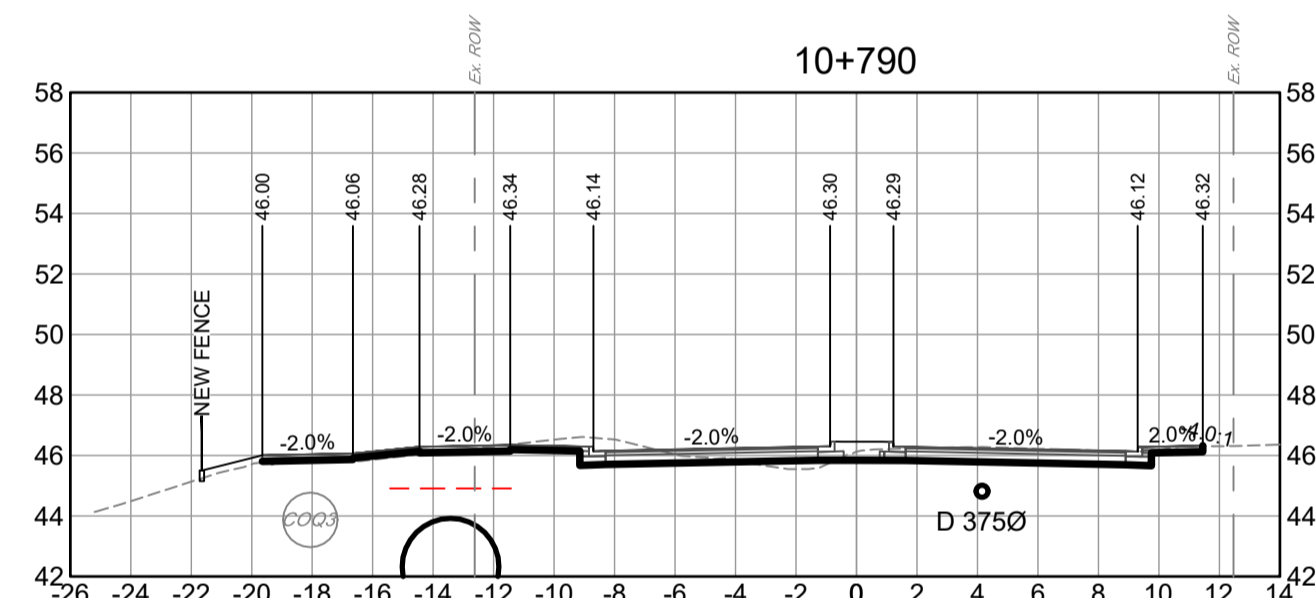
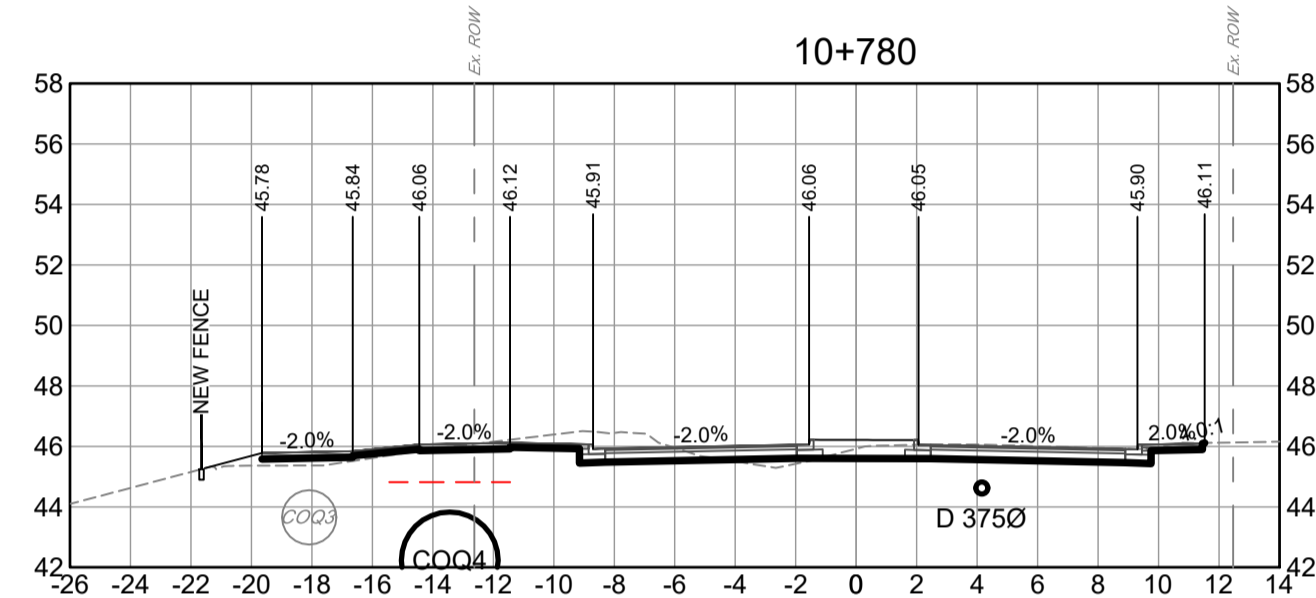
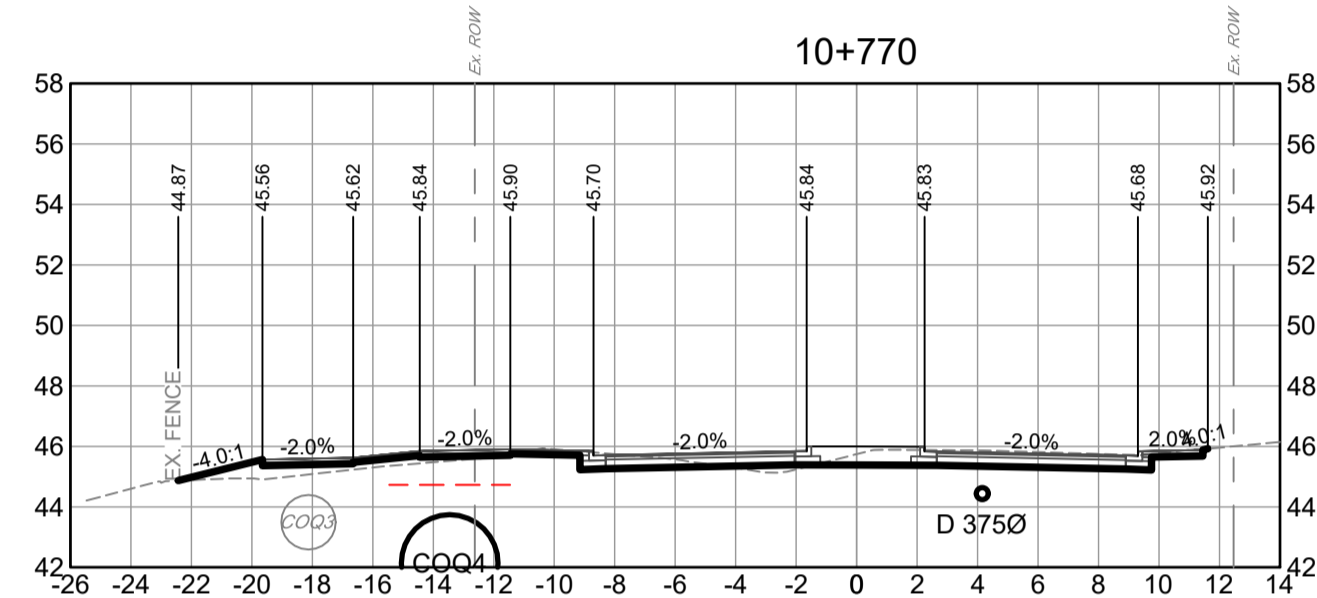
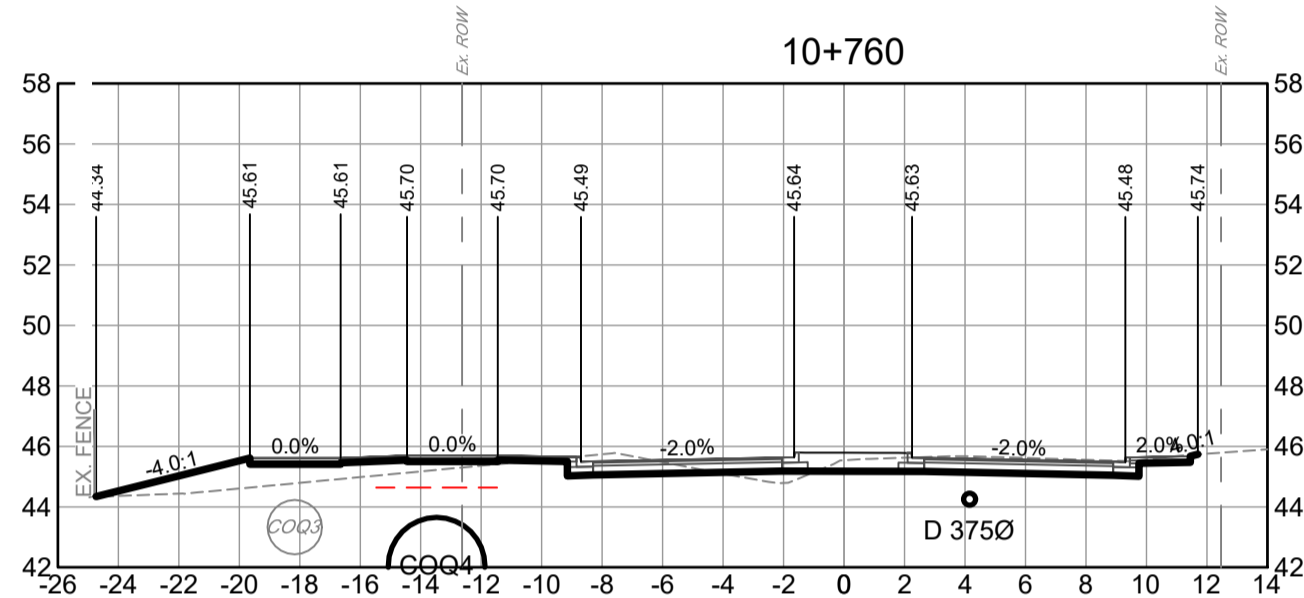
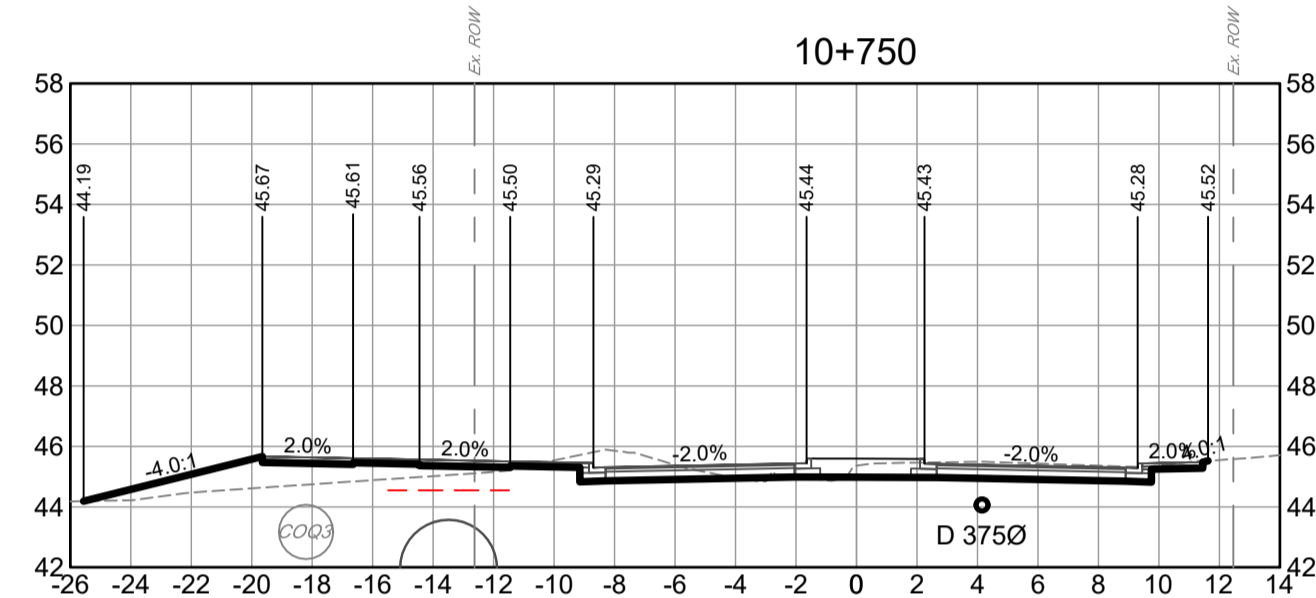
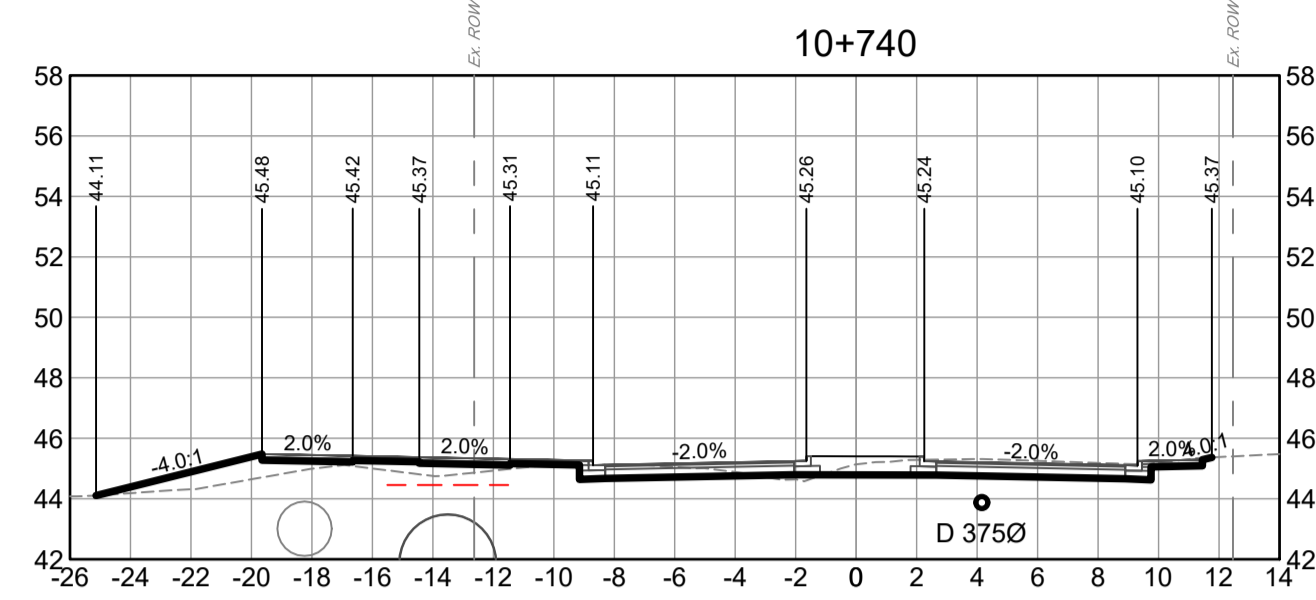
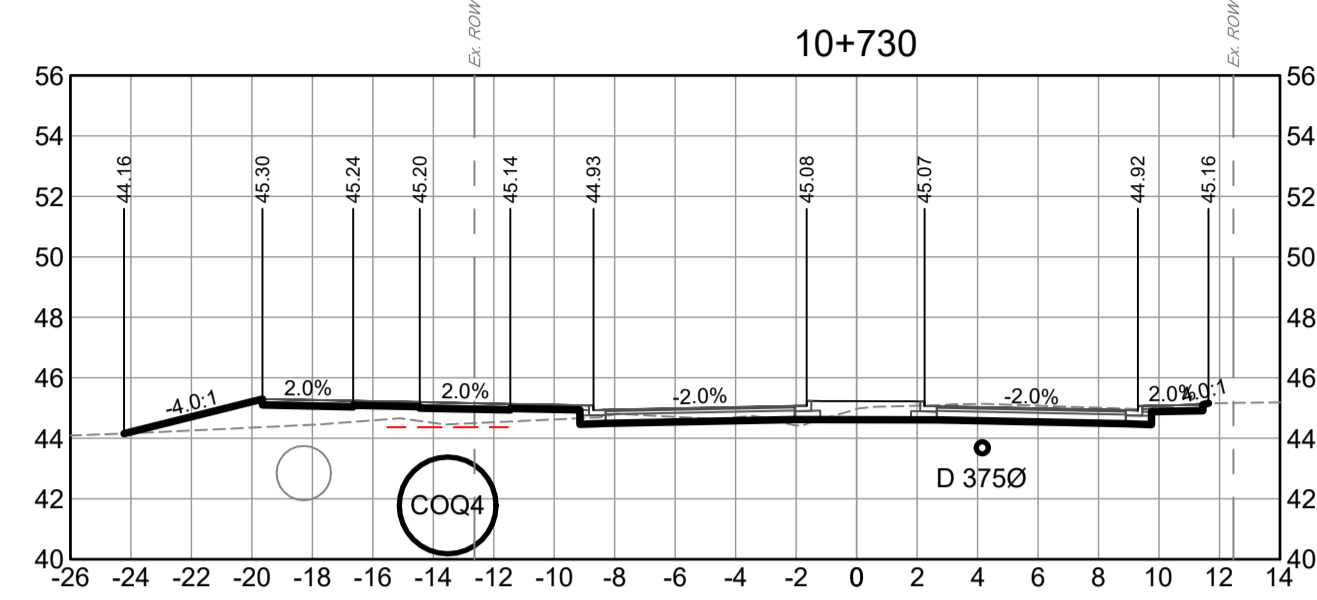
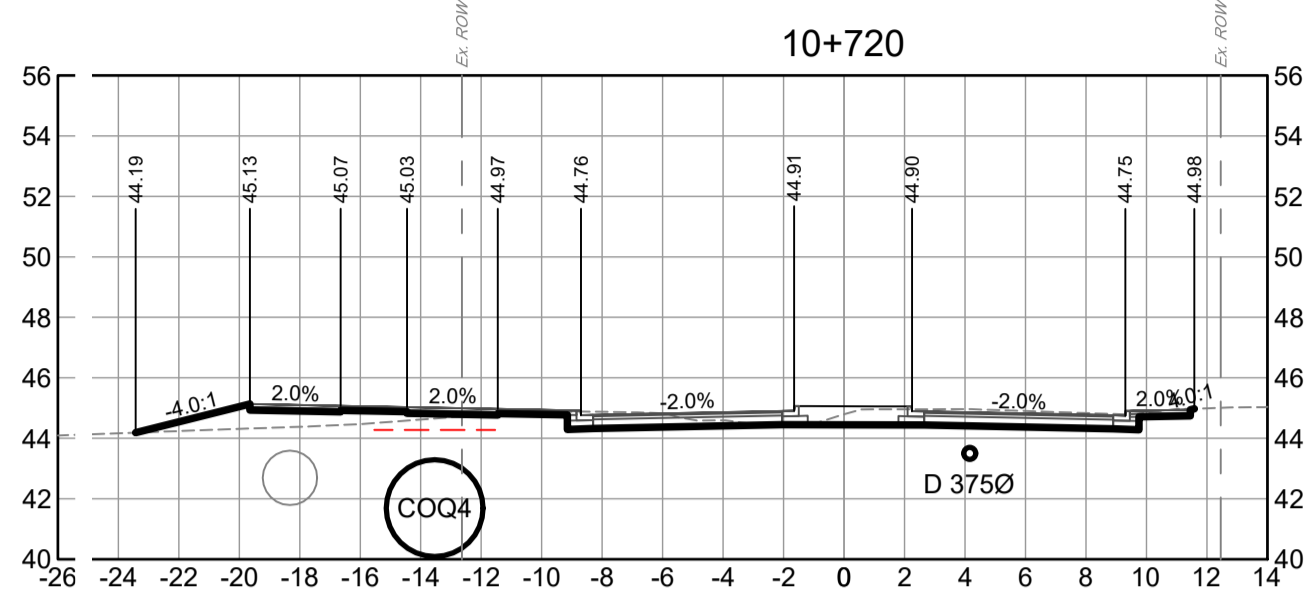
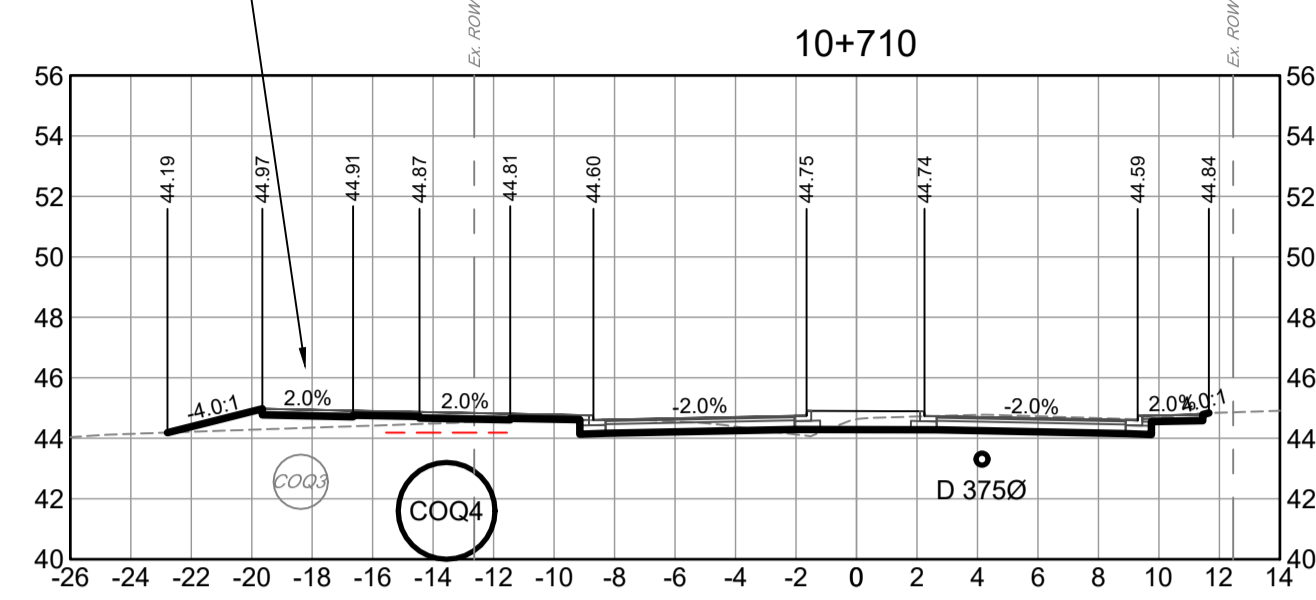
#201, 3090 Hemming Drive, Burnaby, B.C. V5C 6P9
T: (604) 699-0099 F: (604) 699-0098

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DRAWN BY		PM		DESIGN BY		CJB		30	
CHECKED BY		CJB		APPROVED BY		CJB		OF	
								47	
								REV. B	

32524

IFT DESIGN NO.

1.0m COVERAGE ELEVATION (TYP.)



GABRIOLA DRIVE INTERSECTION



PLOT DATE: January 19, 2025

REV. NO.	REVISION DESCRIPTION	DATE	DRAWN	APPR'D
A	DETAILED DESIGN	2023/07/25	GA	CJB
B	ISSUED FOR TENDER	2025/01/21	PM	CJB



ROAD WORKS

STA 10+710 TO STA 10+860
CROSS SECTIONS



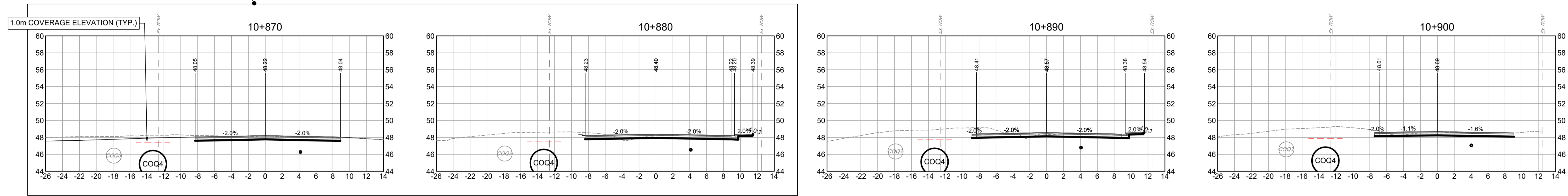
#201, 3090 Hemming Drive, Burnaby, B.C. V5C 6P9
T: (604) 293-2056 F: (604) 293-2058

SCALE		1:250		CREATION DATE		2424/11/01		DWG. NO.	
DRAWN BY		PM		DESIGN BY		CJB		31 OF 47	
CHECKED BY		CJB		APPROVED BY		CJB		REV. B	

32524

IFT DESIGN NO.

GABRIOLA DRIVE INTERSECTION



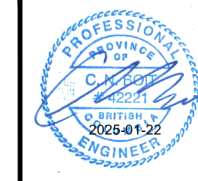
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REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPR'D
A	DETAILED DESIGN	2023/07/25	GA	CJB
B	ISSUED FOR TENDER	2025/01/21	PM	CJB

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

ROAD WORKS

**STA 10+870 TO STA 10+900
CROSS SECTIONS**



#201, 3090 Hemming Drive, Burnaby, B.C. V5C 6P9
T: (604) 659-0099 F: (604) 659-0098

SCALE		IFT DESIGN NO.		DWG. NO.
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CHECKED BY	CJB	APPROVED BY	CJB	

32524

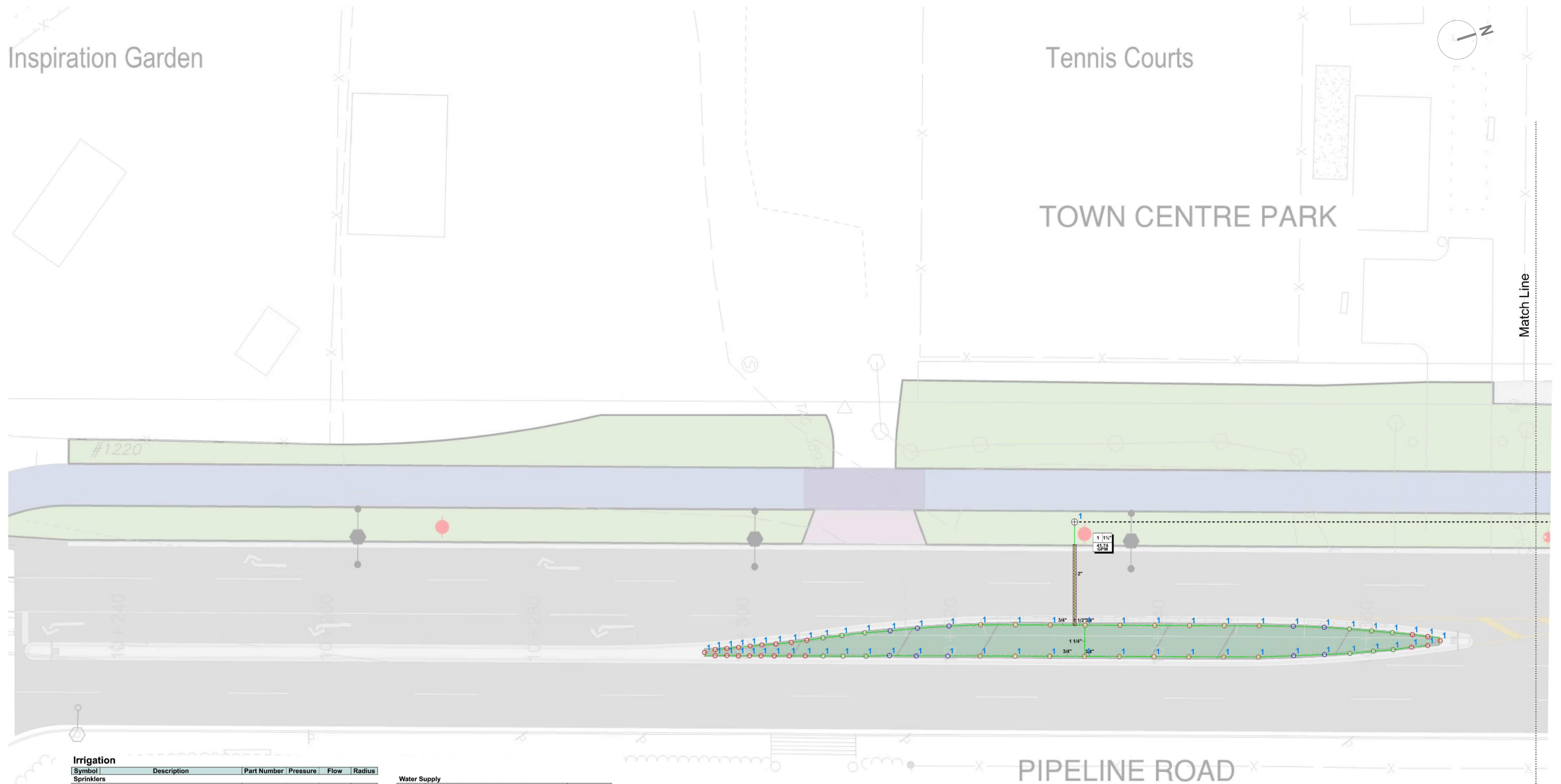
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Inspiration Garden

Tennis Courts

TOWN CENTRE PARK

Match Line



Irrigation

Symbol	Description	Part Number	Pressure	Flow	Radius
Sprinklers					
○	Rain Bird 10F - 1812-SAM-PRS	10F	30 psi	1.58 gpm	10 ft
○	Rain Bird 10H - 1812-SAM-PRS	10H	30 psi	0.79 gpm	10 ft
○	Rain Bird 12F - 1812-SAM-PRS	12F	30 psi	2.6 gpm	12 ft
○	Rain Bird 12H - 1812-SAM-PRS	12H	30 psi	1.3 gpm	12 ft
○	Rain Bird 12Q - 1812-SAM-PRS	12Q	30 psi	0.65 gpm	12 ft
○	Rain Bird 140Z - Root Watering System	140Z	30 psi	0.5 gpm	0 ft
○	Rain Bird 15F - 1812-SAM-PRS	15F	30 psi	3.7 gpm	15 ft
○	Rain Bird 15H - 1812-SAM-PRS	15H	30 psi	1.85 gpm	15 ft
○	Rain Bird 5H - 1812-SAM-PRS	5H	30 psi	0.2 gpm	5 ft
○	Rain Bird 5Q - 1812-SAM-PRS	5Q	30 psi	0.1 gpm	5 ft
○	Rain Bird 8F - 1812-SAM-PRS	8F	30 psi	1.05 gpm	8 ft
○	Rain Bird 8H - 1812-SAM-PRS	8H	30 psi	0.52 gpm	8 ft
○	Rain Bird HE-VAN-08 180° - 1812-SAM-PRS	HE-VAN-08	30 psi	0.59 gpm	8 ft
○	Rain Bird HE-VAN-08 90° - 1812-SAM-PRS	HE-VAN-08	30 psi	0.29 gpm	8 ft
○	Rain Bird HE-VAN-10 180° - 1812-SAM-PRS	HE-VAN-10	30 psi	0.89 gpm	10 ft
○	Rain Bird HE-VAN-12 180° - 1812-SAM-PRS	HE-VAN-12	30 psi	1.18 gpm	12 ft
○	Rain Bird HE-VAN-12 270° - 1812-SAM-PRS	HE-VAN-12	30 psi	1.77 gpm	12 ft
○	Rain Bird HE-VAN-12 90° - 1812-SAM-PRS	HE-VAN-12	30 psi	0.59 gpm	12 ft
○	Rain Bird HE-VAN-15 180° - 1812-SAM-PRS	HE-VAN-15	30 psi	1.85 gpm	15 ft
○	Rain Bird R-VAN18 120° - 1812-SAM-PRS-P45	R-VAN18	45 psi	0.67 gpm	17 ft
○	Rain Bird R-VAN18 150° - 1812-SAM-PRS-P45	R-VAN18	45 psi	0.53 gpm	17 ft
○	Rain Bird R-VAN18 180° - 1812-SAM-PRS-P45	R-VAN18	45 psi	1.01 gpm	17 ft
○	Rain Bird R-VAN18 240° - 1812-SAM-PRS-P45	R-VAN18	45 psi	1.34 gpm	17 ft
○	Rain Bird R-VAN18 360° - 1812-SAM-PRS-P45	R-VAN18	40 psi	1.8 gpm	17 ft
○	Rain Bird R-VAN18 90° - 1812-SAM-PRS-P45	R-VAN18	45 psi	0.5 gpm	17 ft
○	Rain Bird R-VAN24 180° - 1812-SAM-PRS-P45	R-VAN1724	45 psi	1.68 gpm	23 ft
○	Rain Bird R-VAN24 240° - 1812-SAM-PRS-P45	R-VAN1724	45 psi	2.24 gpm	23 ft
○	Rain Bird R-VAN24 360° - 1812-SAM-PRS-P45	R-VAN24	45 psi	3.48 gpm	23 ft
○	Rain Bird R-VAN24 90° - 1812-SAM-PRS-P45	R-VAN1724	45 psi	0.84 gpm	23 ft

Water Supply

○	2" Point of Connection - See Details	
Control Valves		
⬇	Toro P220-26-04	P220-26-04
⊕	Toro P220-26-06	P220-26-06
⊖	Toro P220-26-08	P220-26-08
Y-Strainers / Filters		
⊖	Rain Bird LCRBY100D	LCRBY100D
⊖	Rain Bird LCRBY150D	LCRBY150D
Isolation Valves		
⊖	2" gate valve	
Irrigation Accessories		
⊖	Toro - DXI TWO-WIRE IN SS PEDESTAL	DXI-SPEDTW
⊖	Toro TFS-200 Flow Sensor	
Lateral Line Pipe		
—	Class 200 - size as shown, colour coded by zone	
Mainline Pipe		
---	Class 200 2"	
Sleeving		
▨	Schedule 40 - 2"	
▨	Schedule 40 - 4"	

File: C:\ADSKACAD\Projects\32524\Project Files\02_CADD\02_Drafting\2025_Sheets\32524_SH_10_IRRIGATION.dwg

PLOT DATE: January 21, 2025

REV NO	REVISIONS	DATE	DRAWN	APPRD
A	ISSUED FOR TENDER	2025/01/21	KE	CJB

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

IRRIGATION

STA 10+220 TO STA 10+390
PIPELINE ROAD



#201, 3999 Henning Drive, Burnaby, B.C. V5C 6P9
T: (604)629-2686 F: (604)629-2688

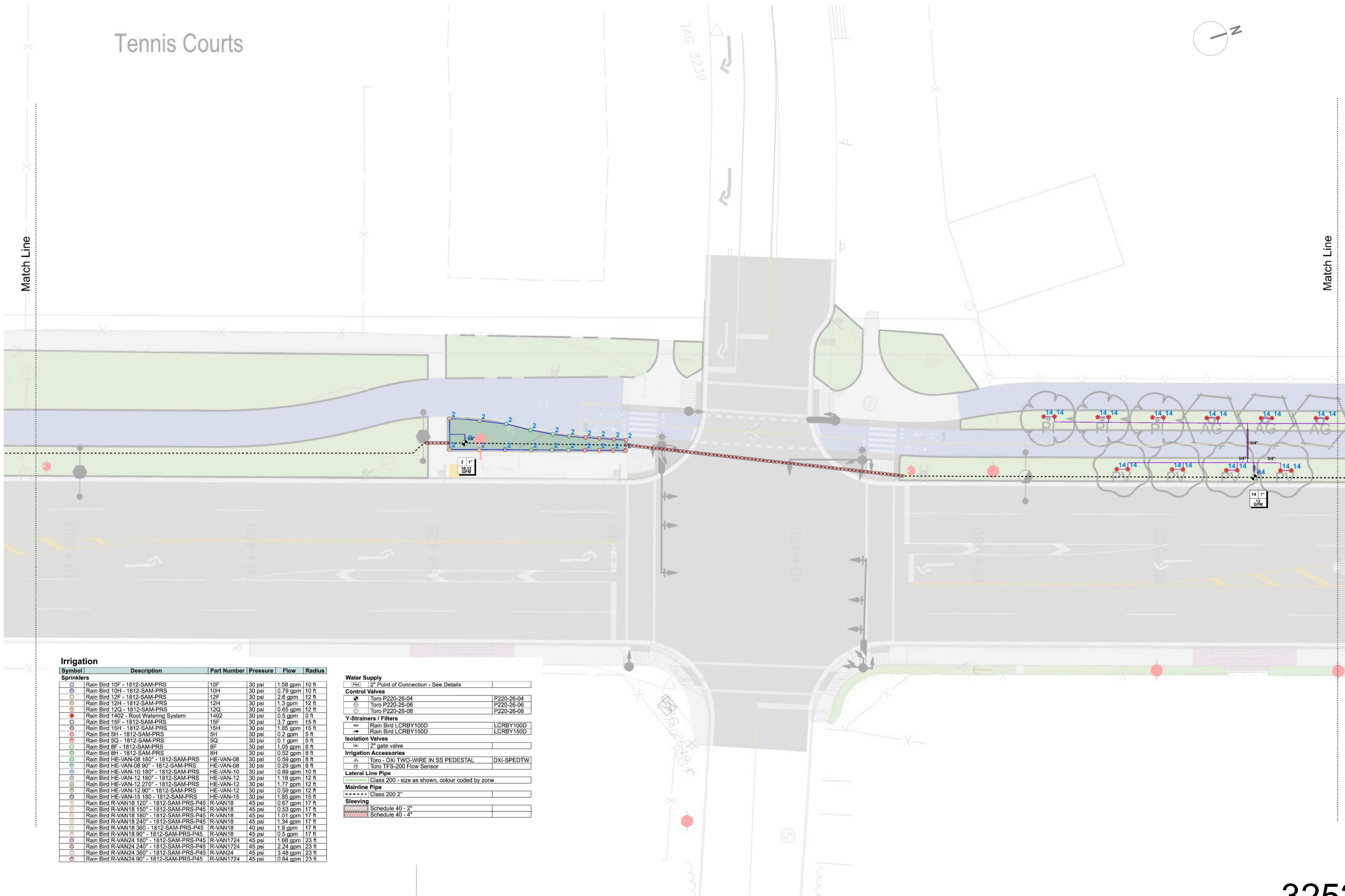
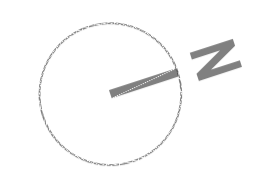
IFT DESIGN NO.

32524

SCALE	AS SHOWN	CREATION DATE	2424/11/01	DWG. NO.
DRAWN BY	KE	DESIGN BY	CJB	33 OF 47
CHECKED BY	CJB	APPROVED BY	CJB	REV. A

DESTROY ALL PRINTS BEARING PREVIOUS NO.

Tennis Courts



Irrigation

Symbol	Description	Part Number	Pressure	Flow	Radius
Sprinklers					
○	Rain Bird 10F - 1812-SAM-PRS	10F	30 psi	1.59 gpm	10 ft
○	Rain Bird 10H - 1812-SAM-PRS	10H	30 psi	0.79 gpm	10 ft
○	Rain Bird 12F - 1812-SAM-PRS	12F	30 psi	2.6 gpm	12 ft
○	Rain Bird 12H - 1812-SAM-PRS	12H	30 psi	1.3 gpm	12 ft
○	Rain Bird 12Q - 1812-SAM-PRS	12Q	30 psi	0.65 gpm	12 ft
○	Rain Bird 1402 - Root Watering System	1402	30 psi	0.5 gpm	0 ft
○	Rain Bird 15F - 1812-SAM-PRS	15F	30 psi	3.7 gpm	15 ft
○	Rain Bird 15H - 1812-SAM-PRS	15H	30 psi	1.85 gpm	15 ft
○	Rain Bird 5H - 1812-SAM-PRS	5H	30 psi	0.2 gpm	5 ft
○	Rain Bird 5Q - 1812-SAM-PRS	5Q	30 psi	0.1 gpm	5 ft
○	Rain Bird 8F - 1812-SAM-PRS	8F	30 psi	1.05 gpm	8 ft
○	Rain Bird 8H - 1812-SAM-PRS	8H	30 psi	0.52 gpm	8 ft
○	Rain Bird HE-VAN-08 180° - 1812-SAM-PRS	HE-VAN-08	30 psi	0.59 gpm	8 ft
○	Rain Bird HE-VAN-08 90° - 1812-SAM-PRS	HE-VAN-08	30 psi	0.29 gpm	8 ft
○	Rain Bird HE-VAN-10 180° - 1812-SAM-PRS	HE-VAN-10	30 psi	0.89 gpm	10 ft
○	Rain Bird HE-VAN-12 180° - 1812-SAM-PRS	HE-VAN-12	30 psi	1.18 gpm	12 ft
○	Rain Bird HE-VAN-12 270° - 1812-SAM-PRS	HE-VAN-12	30 psi	1.77 gpm	12 ft
○	Rain Bird HE-VAN-12 90° - 1812-SAM-PRS	HE-VAN-12	30 psi	0.59 gpm	12 ft
○	Rain Bird HE-VAN-15 180° - 1812-SAM-PRS	HE-VAN-15	30 psi	1.85 gpm	15 ft
○	Rain Bird R-VAN18 120° - 1812-SAM-PRS-P45	R-VAN18	45 psi	0.67 gpm	17 ft
○	Rain Bird R-VAN18 150° - 1812-SAM-PRS-P45	R-VAN18	45 psi	0.53 gpm	17 ft
○	Rain Bird R-VAN18 180° - 1812-SAM-PRS-P45	R-VAN18	45 psi	1.01 gpm	17 ft
○	Rain Bird R-VAN18 240° - 1812-SAM-PRS-P45	R-VAN18	45 psi	1.34 gpm	17 ft
○	Rain Bird R-VAN18 360° - 1812-SAM-PRS-P45	R-VAN18	40 psi	1.8 gpm	17 ft
○	Rain Bird R-VAN18 90° - 1812-SAM-PRS-P45	R-VAN18	45 psi	0.5 gpm	17 ft
○	Rain Bird R-VAN24 180° - 1812-SAM-PRS-P45	R-VAN1724	45 psi	1.68 gpm	23 ft
○	Rain Bird R-VAN24 240° - 1812-SAM-PRS-P45	R-VAN1724	45 psi	2.24 gpm	23 ft
○	Rain Bird R-VAN24 360° - 1812-SAM-PRS-P45	R-VAN24	45 psi	3.48 gpm	23 ft
○	Rain Bird R-VAN24 90° - 1812-SAM-PRS-P45	R-VAN1724	45 psi	0.84 gpm	23 ft

Water Supply	
○	2" Point of Connection - See Details
Control Valves	
●	Toro P220-26-04 P220-26-04
○	Toro P220-26-06 P220-26-06
○	Toro P220-26-08 P220-26-08
Y-Strainers / Filters	
○	Rain Bird LCRBY100D LCRBY100D
○	Rain Bird LCRBY150D LCRBY150D
Isolation Valves	
○	2" gate valve
Irrigation Accessories	
△	Toro - DXI TWO-WIRE IN SS PEDESTAL DXI-SPEDTW
○	Toro TFS-200 Flow Sensor
Lateral Line Pipe	
—	Class 200 - size as shown, colour coded by zone
Mainline Pipe	
—	Class 200 2"
Sleeving	
—	Schedule 40 - 2"
—	Schedule 40 - 4"

PLOT DATE: January 21, 2025

REV NO	REVISIONS	DATE	DRAWN	APPRD
A	ISSUED FOR TENDER	2025/01/21	KE	CJB



IRRIGATION
STA 10+390 TO STA 10+540
PIPELINE ROAD

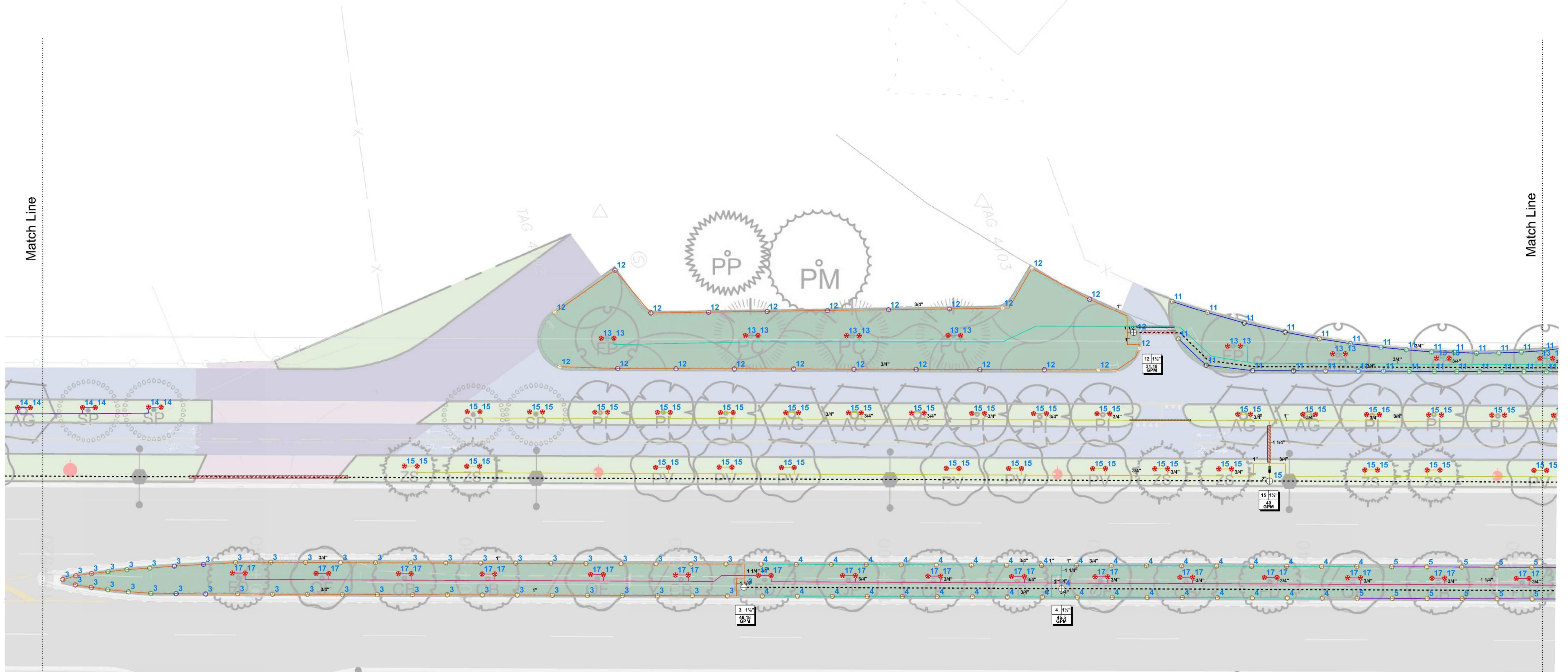
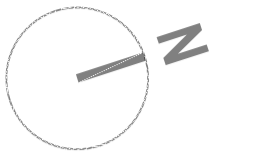


SCALE	AS SHOWN	CREATION DATE	2424/11/01	DWG. NO.
DRAWN BY	KE	DESIGN BY	CJB	34 OF 47
CHECKED BY	CJB	APPROVED BY	CJB	REV. A

32524

IFT DESIGN NO.

DESTROY ALL PRINTS BEARING PREVIOUS NO.



Irrigation

Symbol	Description	Part Number	Pressure	Flow	Radius
○	Rain Bird 10F - 1812-SAM-PRS	10F	30 psi	1.58 gpm	10 ft
○	Rain Bird 10H - 1812-SAM-PRS	10H	30 psi	0.79 gpm	10 ft
○	Rain Bird 12F - 1812-SAM-PRS	12F	30 psi	2.6 gpm	12 ft
○	Rain Bird 12H - 1812-SAM-PRS	12H	30 psi	1.3 gpm	12 ft
○	Rain Bird 12Q - 1812-SAM-PRS	12Q	30 psi	0.65 gpm	12 ft
○	Rain Bird 1402 - Root Watering System	1402	30 psi	0.5 gpm	0 ft
○	Rain Bird 15F - 1812-SAM-PRS	15F	30 psi	3.7 gpm	15 ft
○	Rain Bird 15H - 1812-SAM-PRS	15H	30 psi	1.85 gpm	15 ft
○	Rain Bird 5H - 1812-SAM-PRS	5H	30 psi	0.2 gpm	5 ft
○	Rain Bird 5Q - 1812-SAM-PRS	5Q	30 psi	0.1 gpm	5 ft
○	Rain Bird 8F - 1812-SAM-PRS	8F	30 psi	1.05 gpm	8 ft
○	Rain Bird 8H - 1812-SAM-PRS	8H	30 psi	0.52 gpm	8 ft
○	Rain Bird HE-VAN-08 180° - 1812-SAM-PRS	HE-VAN-08	30 psi	0.59 gpm	8 ft
○	Rain Bird HE-VAN-08 90° - 1812-SAM-PRS	HE-VAN-08	30 psi	0.29 gpm	8 ft
○	Rain Bird HE-VAN-10 180° - 1812-SAM-PRS	HE-VAN-10	30 psi	0.89 gpm	10 ft
○	Rain Bird HE-VAN-12 180° - 1812-SAM-PRS	HE-VAN-12	30 psi	1.18 gpm	12 ft
○	Rain Bird HE-VAN-12 270° - 1812-SAM-PRS	HE-VAN-12	30 psi	1.77 gpm	12 ft
○	Rain Bird HE-VAN-12 90° - 1812-SAM-PRS	HE-VAN-12	30 psi	0.59 gpm	12 ft
○	Rain Bird HE-VAN-15 180° - 1812-SAM-PRS	HE-VAN-15	30 psi	1.85 gpm	15 ft
○	Rain Bird R-VAN18 120° - 1812-SAM-PRS-P45	R-VAN18	45 psi	0.67 gpm	17 ft
○	Rain Bird R-VAN18 150° - 1812-SAM-PRS-P45	R-VAN18	45 psi	0.53 gpm	17 ft
○	Rain Bird R-VAN18 180° - 1812-SAM-PRS-P45	R-VAN18	45 psi	1.01 gpm	17 ft
○	Rain Bird R-VAN18 240° - 1812-SAM-PRS-P45	R-VAN18	45 psi	1.34 gpm	17 ft
○	Rain Bird R-VAN18 360° - 1812-SAM-PRS-P45	R-VAN18	40 psi	1.8 gpm	17 ft
○	Rain Bird R-VAN18 90° - 1812-SAM-PRS-P45	R-VAN18	45 psi	0.5 gpm	17 ft
○	Rain Bird R-VAN24 180° - 1812-SAM-PRS-P45	R-VAN1724	45 psi	1.68 gpm	23 ft
○	Rain Bird R-VAN24 240° - 1812-SAM-PRS-P45	R-VAN1724	45 psi	2.24 gpm	23 ft
○	Rain Bird R-VAN24 360° - 1812-SAM-PRS-P45	R-VAN24	45 psi	3.48 gpm	23 ft
○	Rain Bird R-VAN24 90° - 1812-SAM-PRS-P45	R-VAN1724	45 psi	0.84 gpm	23 ft

Water Supply

○	2" Point of Connection - See Details	
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Control Valves

▲	Toro P220-26-04	P220-26-04
●	Toro P220-26-06	P220-26-06
⊖	Toro P220-26-08	P220-26-08

Y-Strainers / Filters

■	Rain Bird LCRBY100D	LCRBY100D
■	Rain Bird LCRBY150D	LCRBY150D

Isolation Valves

∞	2" gate valve	
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Irrigation Accessories

▲	Toro - DXI TWO-WIRE IN SS PEDESTAL	DXI-SPEDTW
⊖	Toro TFS-200 Flow Sensor	

Lateral Line Pipe

—	Class 200 - size as shown, colour coded by zone	
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Mainline Pipe

—	Class 200 2"	
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Sleeving

—	Schedule 40 - 2"	
—	Schedule 40 - 4"	

File: C:\ADSKACAD\Drawings\2025\32524\Irrigation\2025_Sheets\32524_SH_10_IRRIGATION.dwg

PLOT DATE: January 21, 2025

REV NO	REVISIONS	DATE	DRAWN	APPRD
A	ISSUED FOR TENDER	2025/01/21	KE	CJB



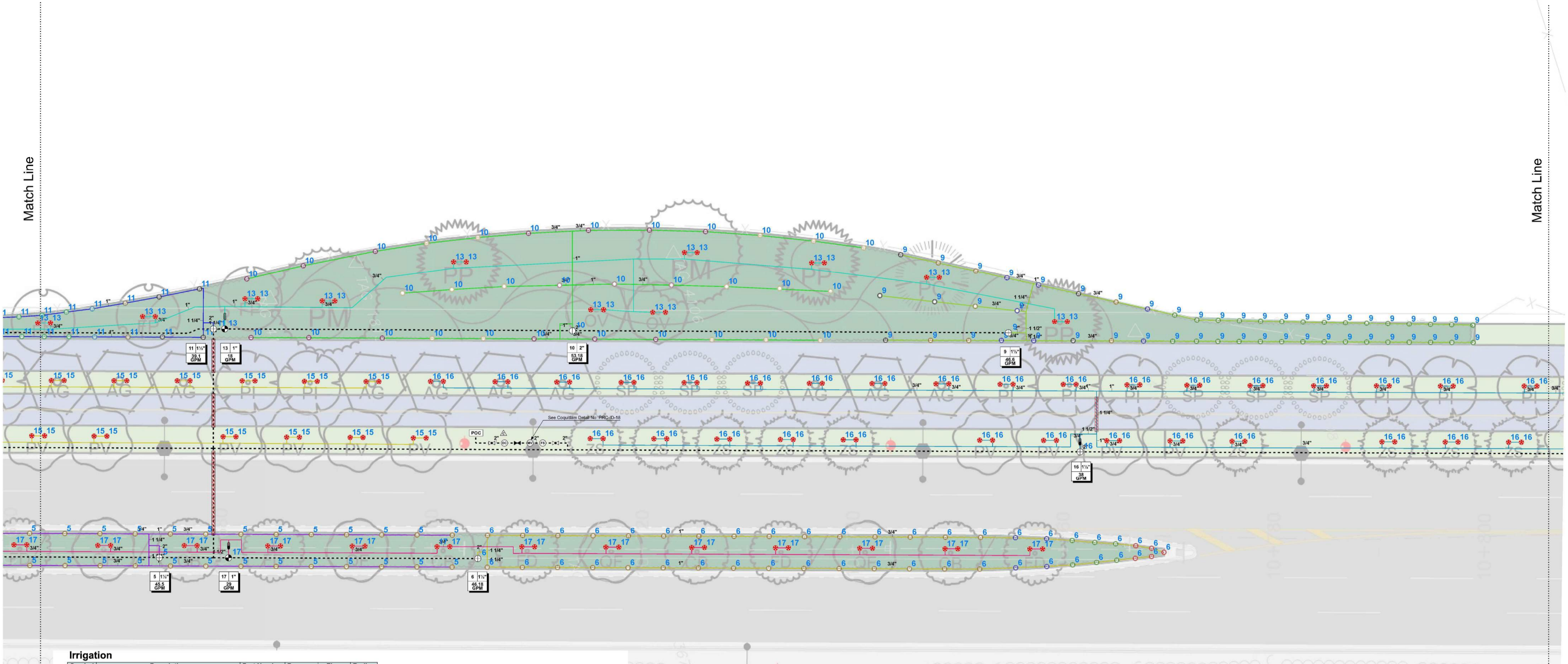
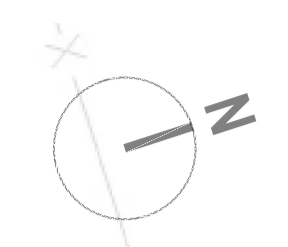
IRRIGATION STA 10+540 TO STA 10+700 PIPELINE ROAD



SCALE	AS SHOWN	CREATION DATE	2424/11/01	DWG. NO.
DRAWN BY	KE	DESIGN BY	CJB	35 OF 47
CHECKED BY	CJB	APPROVED BY	CJB	REV. A

32524

DESTROY ALL PRINTS BEARING PREVIOUS NO.



Irrigation

Symbol	Description	Part Number	Pressure	Flow	Radius
Sprinklers					
○	Rain Bird 10F - 1812-SAM-PRS	10F	30 psi	1.58 gpm	10 ft
○	Rain Bird 10H - 1812-SAM-PRS	10H	30 psi	0.79 gpm	10 ft
○	Rain Bird 12F - 1812-SAM-PRS	12F	30 psi	2.8 gpm	12 ft
○	Rain Bird 12H - 1812-SAM-PRS	12H	30 psi	1.3 gpm	12 ft
○	Rain Bird 12Q - 1812-SAM-PRS	12Q	30 psi	0.65 gpm	12 ft
○	Rain Bird 1402 - Root Watering System	1402	30 psi	0.5 gpm	0 ft
○	Rain Bird 15F - 1812-SAM-PRS	15F	30 psi	3.7 gpm	15 ft
○	Rain Bird 15H - 1812-SAM-PRS	15H	30 psi	1.65 gpm	15 ft
○	Rain Bird 5H - 1812-SAM-PRS	5H	30 psi	0.2 gpm	5 ft
○	Rain Bird 5Q - 1812-SAM-PRS	5Q	30 psi	0.1 gpm	5 ft
○	Rain Bird 8F - 1812-SAM-PRS	8F	30 psi	1.05 gpm	8 ft
○	Rain Bird 8H - 1812-SAM-PRS	8H	30 psi	0.52 gpm	8 ft
○	Rain Bird HE-VAN-08 180° - 1812-SAM-PRS	HE-VAN-08	30 psi	0.59 gpm	8 ft
○	Rain Bird HE-VAN-08 90° - 1812-SAM-PRS	HE-VAN-08	30 psi	0.29 gpm	8 ft
○	Rain Bird HE-VAN-10 180° - 1812-SAM-PRS	HE-VAN-10	30 psi	0.89 gpm	10 ft
○	Rain Bird HE-VAN-12 180° - 1812-SAM-PRS	HE-VAN-12	30 psi	1.18 gpm	12 ft
○	Rain Bird HE-VAN-12 270° - 1812-SAM-PRS	HE-VAN-12	30 psi	1.77 gpm	12 ft
○	Rain Bird HE-VAN-12 90° - 1812-SAM-PRS	HE-VAN-12	30 psi	0.59 gpm	12 ft
○	Rain Bird HE-VAN-15 180° - 1812-SAM-PRS	HE-VAN-15	30 psi	1.85 gpm	15 ft
○	Rain Bird R-VAN18 120° - 1812-SAM-PRS-P45	R-VAN18	45 psi	0.67 gpm	17 ft
○	Rain Bird R-VAN18 150° - 1812-SAM-PRS-P45	R-VAN18	45 psi	0.53 gpm	17 ft
○	Rain Bird R-VAN18 180° - 1812-SAM-PRS-P45	R-VAN18	45 psi	1.01 gpm	17 ft
○	Rain Bird R-VAN18 240° - 1812-SAM-PRS-P45	R-VAN18	45 psi	1.34 gpm	17 ft
○	Rain Bird R-VAN18 360° - 1812-SAM-PRS-P45	R-VAN18	40 psi	1.8 gpm	17 ft
○	Rain Bird R-VAN18 90° - 1812-SAM-PRS-P45	R-VAN18	45 psi	0.5 gpm	17 ft
○	Rain Bird R-VAN24 180° - 1812-SAM-PRS-P45	R-VAN1724	45 psi	1.68 gpm	23 ft
○	Rain Bird R-VAN24 240° - 1812-SAM-PRS-P45	R-VAN1724	45 psi	2.24 gpm	23 ft
○	Rain Bird R-VAN24 360° - 1812-SAM-PRS-P45	R-VAN24	45 psi	3.48 gpm	23 ft
○	Rain Bird R-VAN24 90° - 1812-SAM-PRS-P45	R-VAN1724	45 psi	0.84 gpm	23 ft

Water Supply	
○	2" Point of Connection - See Details
Control Valves	
○	Toro P220-26-04 P220-26-04
○	Toro P220-26-06 P220-26-06
○	Toro P220-26-08 P220-26-08
Y-Strainers / Filters	
○	Rain Bird LCRBY100D LCRBY100D
○	Rain Bird LCRBY150D LCRBY150D
Isolation Valves	
○	2" gate valve
Irrigation Accessories	
△	Toro - DXI TWO-WIRE IN SS PEDESTAL DXI-SPEDTW
○	Toro TFS-200 Flow Sensor
Lateral Line Pipe	
—	Class 200 - size as shown, colour coded by zone
Mainline Pipe	
—	Class 200 2"
Sleeving	
—	Schedule 40 - 2"
—	Schedule 40 - 4"

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PLOT DATE: January 21, 2025

REV NO	REVISIONS	DATE	DRAWN	APPRD
A	ISSUED FOR TENDER	2025/01/21	KE	CJB



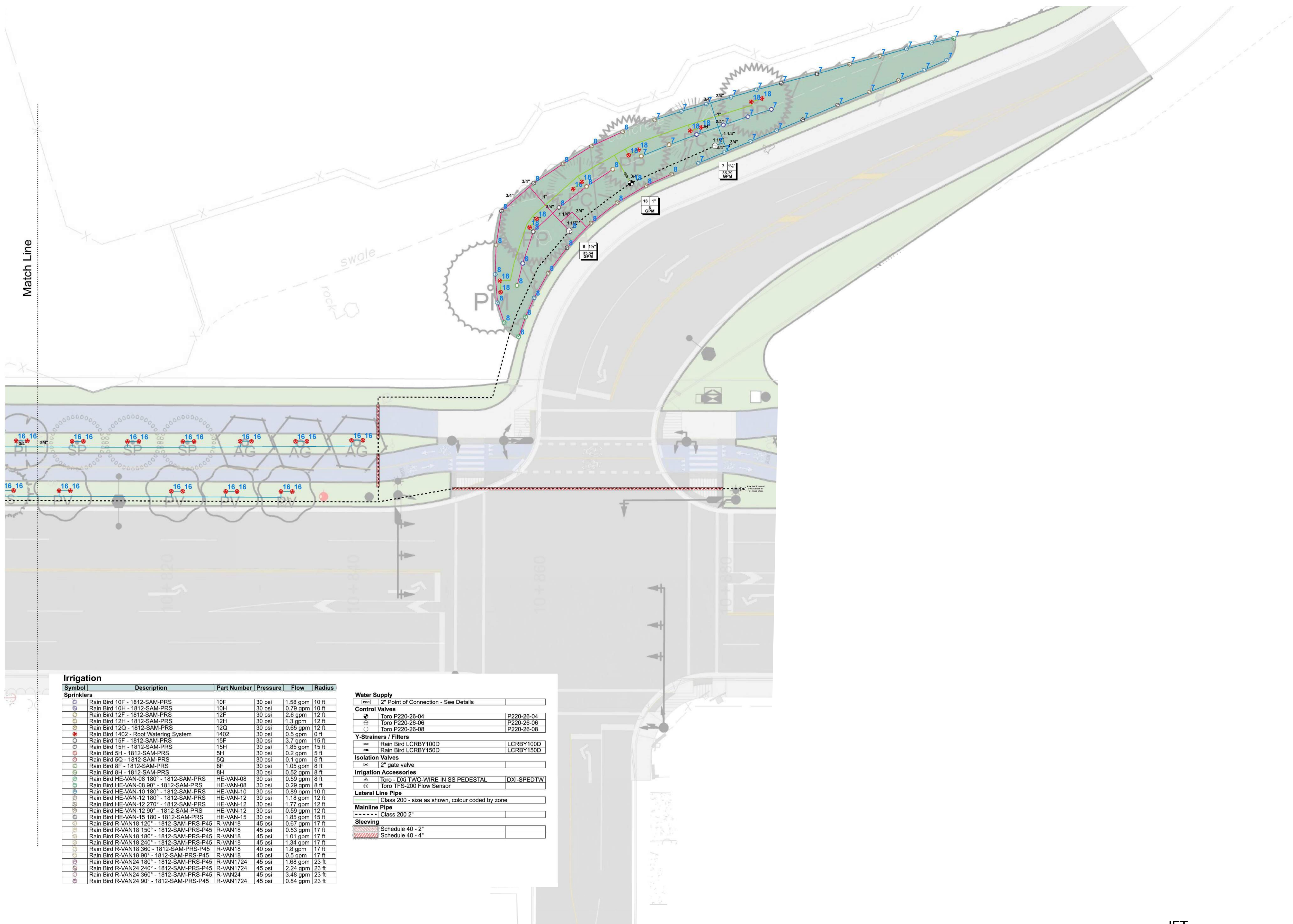
IRRIGATION STA 10+700 TO STA 10+850
PIPELINE ROAD



SCALE	AS SHOWN	CREATION DATE	2424/11/01	DWG. NO.
DRAWN BY	KE	DESIGN BY	CJB	36 OF 47
CHECKED BY	CJB	APPROVED BY	CJB	REV. A

32524

DESTROY ALL PRINTS BEARING PREVIOUS NO.



Irrigation

Symbol	Description	Part Number	Pressure	Flow	Radius
Sprinklers					
○	Rain Bird 10F - 1812-SAM-PRS	10F	30 psi	1.58 gpm	10 ft
○	Rain Bird 10H - 1812-SAM-PRS	10H	30 psi	0.79 gpm	10 ft
○	Rain Bird 12F - 1812-SAM-PRS	12F	30 psi	2.6 gpm	12 ft
○	Rain Bird 12H - 1812-SAM-PRS	12H	30 psi	1.3 gpm	12 ft
○	Rain Bird 12Q - 1812-SAM-PRS	12Q	30 psi	0.65 gpm	12 ft
○	Rain Bird 1402 - Root Watering System	1402	30 psi	0.5 gpm	0 ft
○	Rain Bird 15F - 1812-SAM-PRS	15F	30 psi	3.7 gpm	15 ft
○	Rain Bird 15H - 1812-SAM-PRS	15H	30 psi	1.85 gpm	15 ft
○	Rain Bird 5H - 1812-SAM-PRS	5H	30 psi	0.2 gpm	5 ft
○	Rain Bird 5Q - 1812-SAM-PRS	5Q	30 psi	0.1 gpm	5 ft
○	Rain Bird 8F - 1812-SAM-PRS	8F	30 psi	1.05 gpm	8 ft
○	Rain Bird 8H - 1812-SAM-PRS	8H	30 psi	0.52 gpm	8 ft
○	Rain Bird HE-VAN-08 180° - 1812-SAM-PRS	HE-VAN-08	30 psi	0.59 gpm	8 ft
○	Rain Bird HE-VAN-08 90° - 1812-SAM-PRS	HE-VAN-08	30 psi	0.29 gpm	8 ft
○	Rain Bird HE-VAN-10 180° - 1812-SAM-PRS	HE-VAN-10	30 psi	0.89 gpm	10 ft
○	Rain Bird HE-VAN-12 180° - 1812-SAM-PRS	HE-VAN-12	30 psi	1.18 gpm	12 ft
○	Rain Bird HE-VAN-12 270° - 1812-SAM-PRS	HE-VAN-12	30 psi	1.77 gpm	12 ft
○	Rain Bird HE-VAN-12 90° - 1812-SAM-PRS	HE-VAN-12	30 psi	0.59 gpm	12 ft
○	Rain Bird HE-VAN-15 180° - 1812-SAM-PRS	HE-VAN-15	30 psi	1.85 gpm	15 ft
○	Rain Bird R-VAN18 120° - 1812-SAM-PRS-P45	R-VAN18	45 psi	0.67 gpm	17 ft
○	Rain Bird R-VAN18 150° - 1812-SAM-PRS-P45	R-VAN18	45 psi	0.53 gpm	17 ft
○	Rain Bird R-VAN18 180° - 1812-SAM-PRS-P45	R-VAN18	45 psi	1.01 gpm	17 ft
○	Rain Bird R-VAN18 240° - 1812-SAM-PRS-P45	R-VAN18	45 psi	1.34 gpm	17 ft
○	Rain Bird R-VAN18 360° - 1812-SAM-PRS-P45	R-VAN18	40 psi	1.8 gpm	17 ft
○	Rain Bird R-VAN18 90° - 1812-SAM-PRS-P45	R-VAN18	45 psi	0.5 gpm	17 ft
○	Rain Bird R-VAN24 180° - 1812-SAM-PRS-P45	R-VAN1724	45 psi	1.68 gpm	23 ft
○	Rain Bird R-VAN24 240° - 1812-SAM-PRS-P45	R-VAN1724	45 psi	2.24 gpm	23 ft
○	Rain Bird R-VAN24 360° - 1812-SAM-PRS-P45	R-VAN1724	45 psi	3.45 gpm	23 ft
○	Rain Bird R-VAN24 90° - 1812-SAM-PRS-P45	R-VAN1724	45 psi	0.84 gpm	23 ft

Water Supply	
□	2" Point of Connection - See Details
Control Valves	
▲	Toro P220-26-04 P220-26-04
●	Toro P220-26-06 P220-26-06
○	Toro P220-26-08 P220-26-08
Y-Strainers / Filters	
■	Rain Bird LCRBY100D LCRBY100D
■	Rain Bird LCRBY150D LCRBY150D
Isolation Valves	
⊗	2" gate valve
Irrigation Accessories	
▲	Toro - DXI TWO-WIRE IN SS PEDESTAL DXI-SPEDTW
●	Toro TFS-200 Flow Sensor
Lateral Line Pipe	
—	Class 200 - size as shown, colour coded by zone
Mainline Pipe	
---	Class 200 2"
Sleeving	
▨	Schedule 40 - 2"
▨	Schedule 40 - 4"

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PLOT DATE: January 21, 2025

REV NO	REVISIONS	DATE	DRAWN	APPRD
A	ISSUED FOR TENDER	2025/01/21	KE	CJB



IRRIGATION STA 10+850 TO STA 10+11+020 PIPELINE ROAD

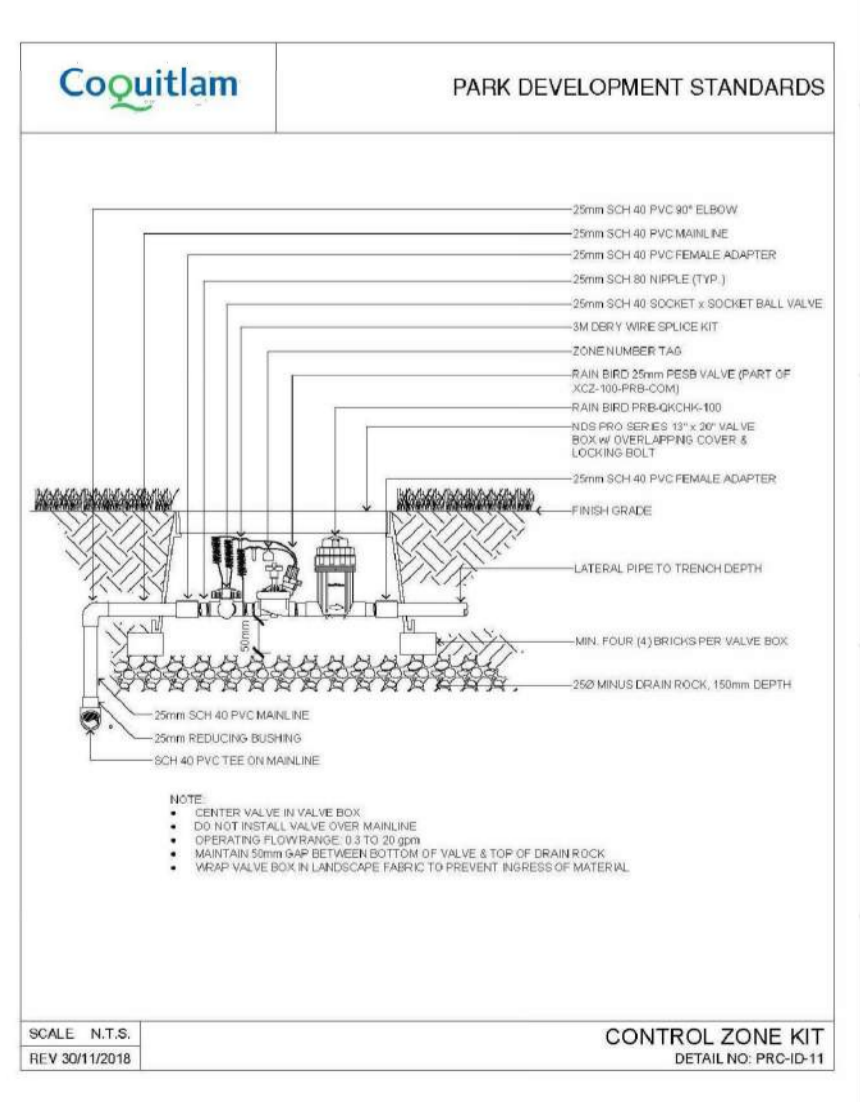
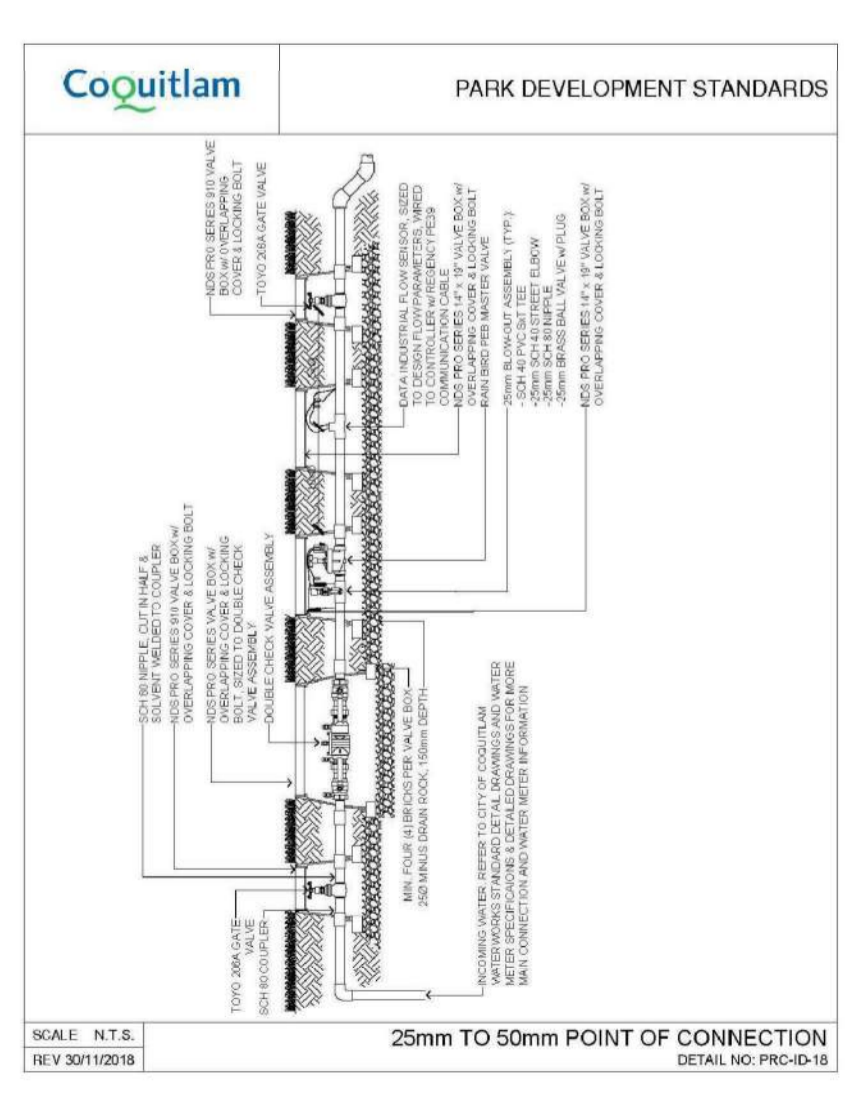
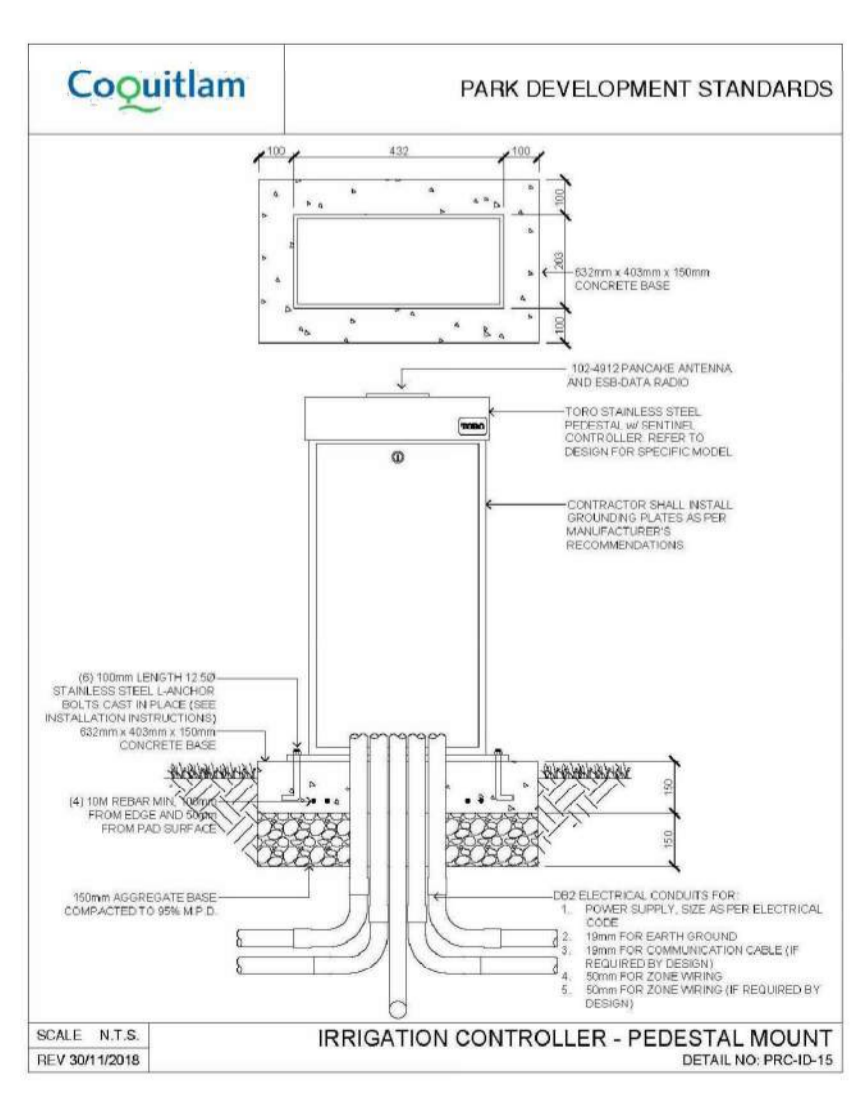
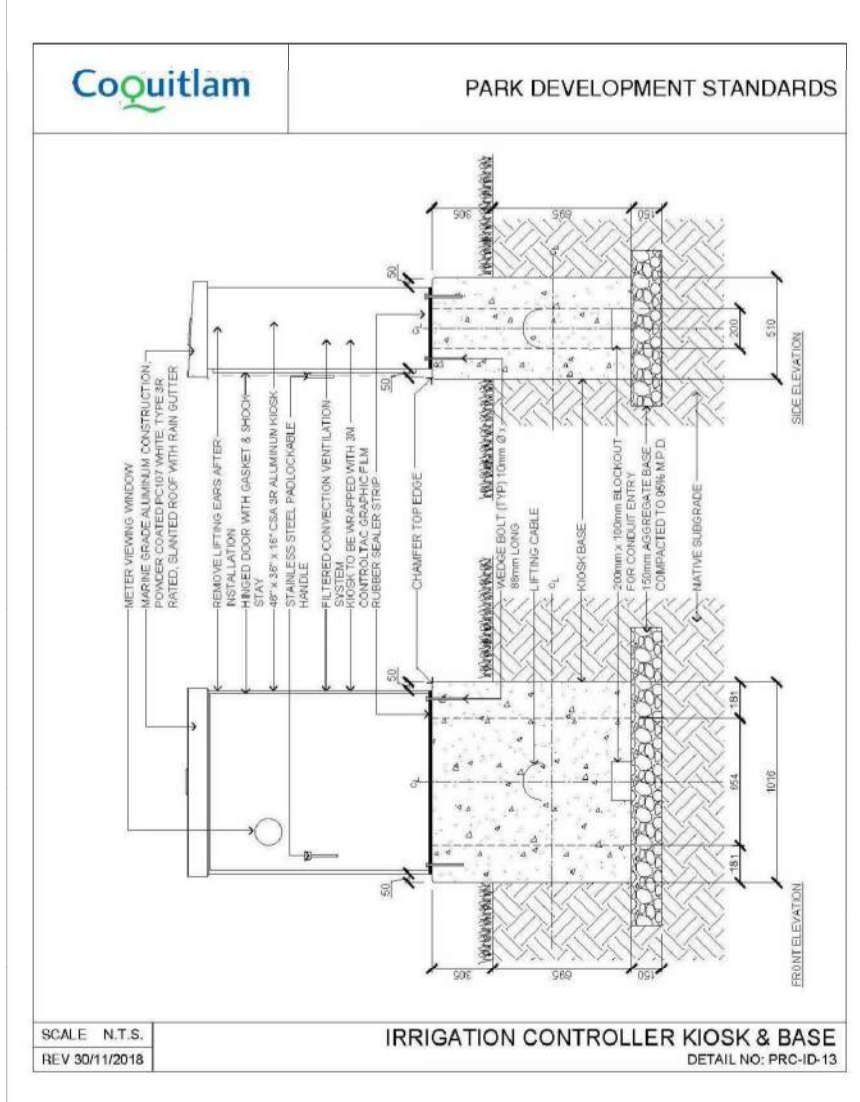
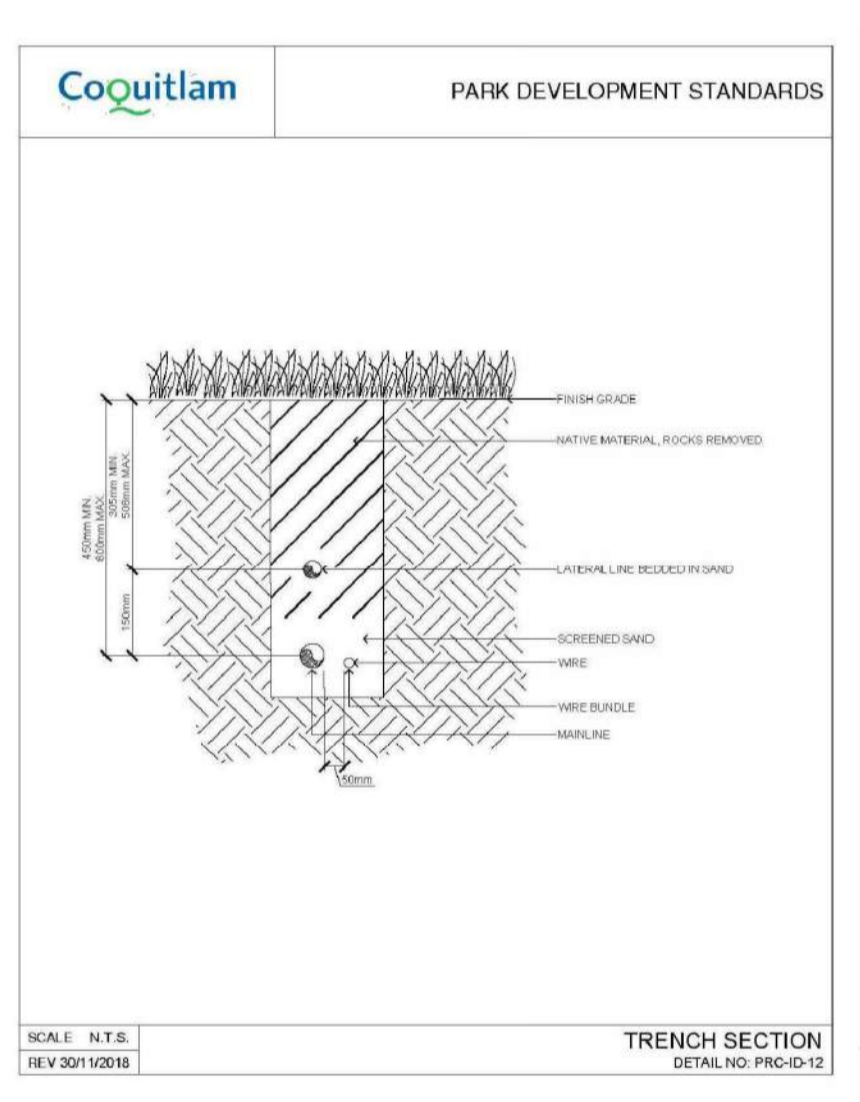
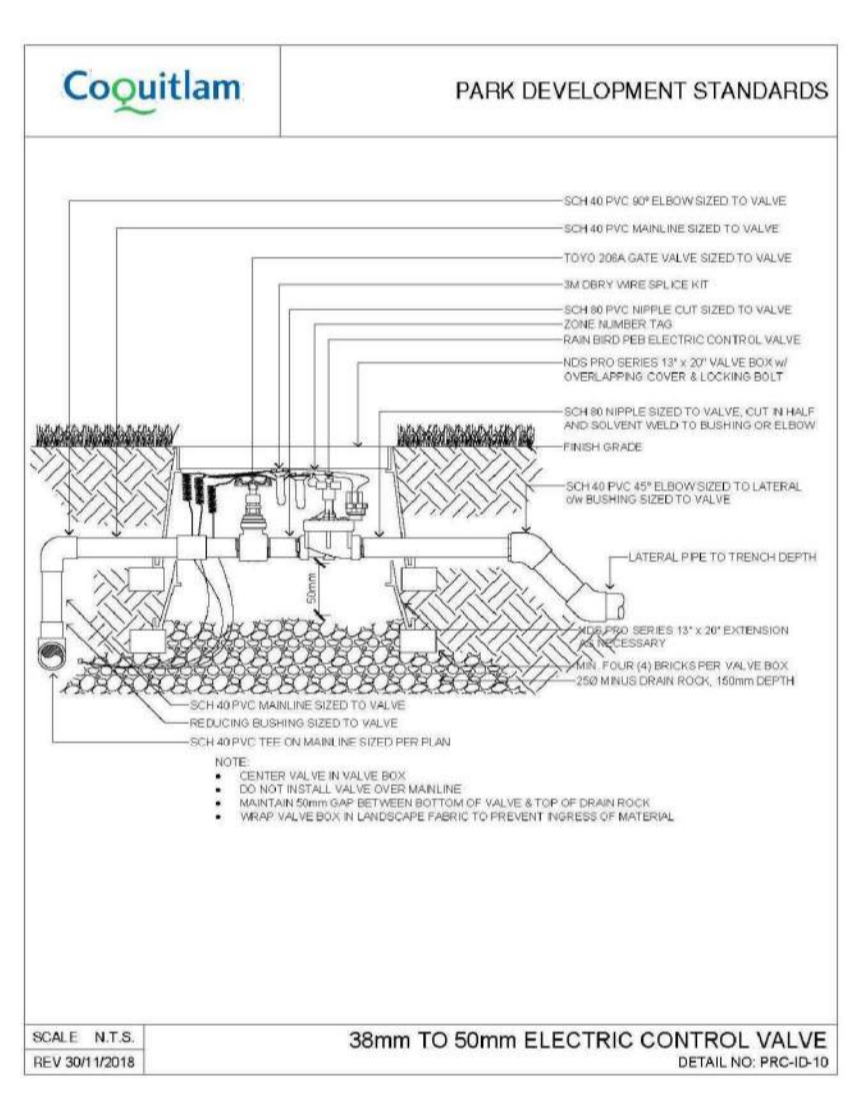
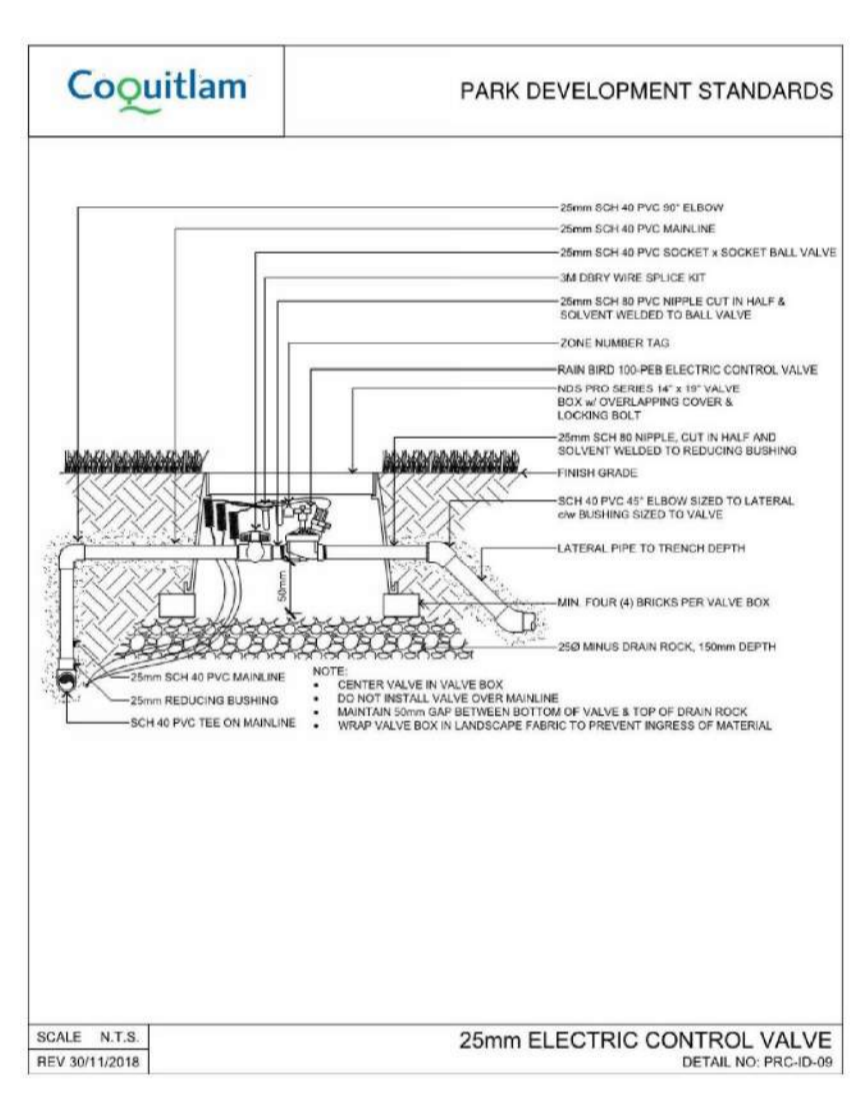
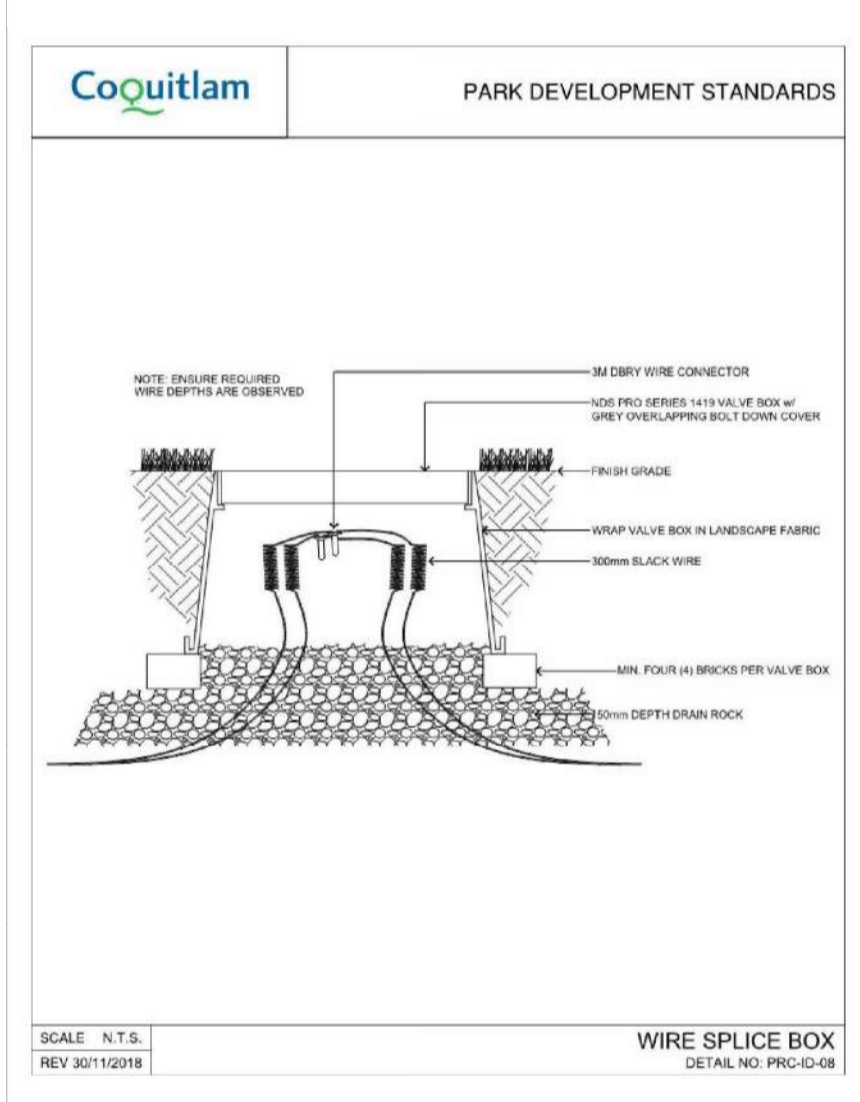
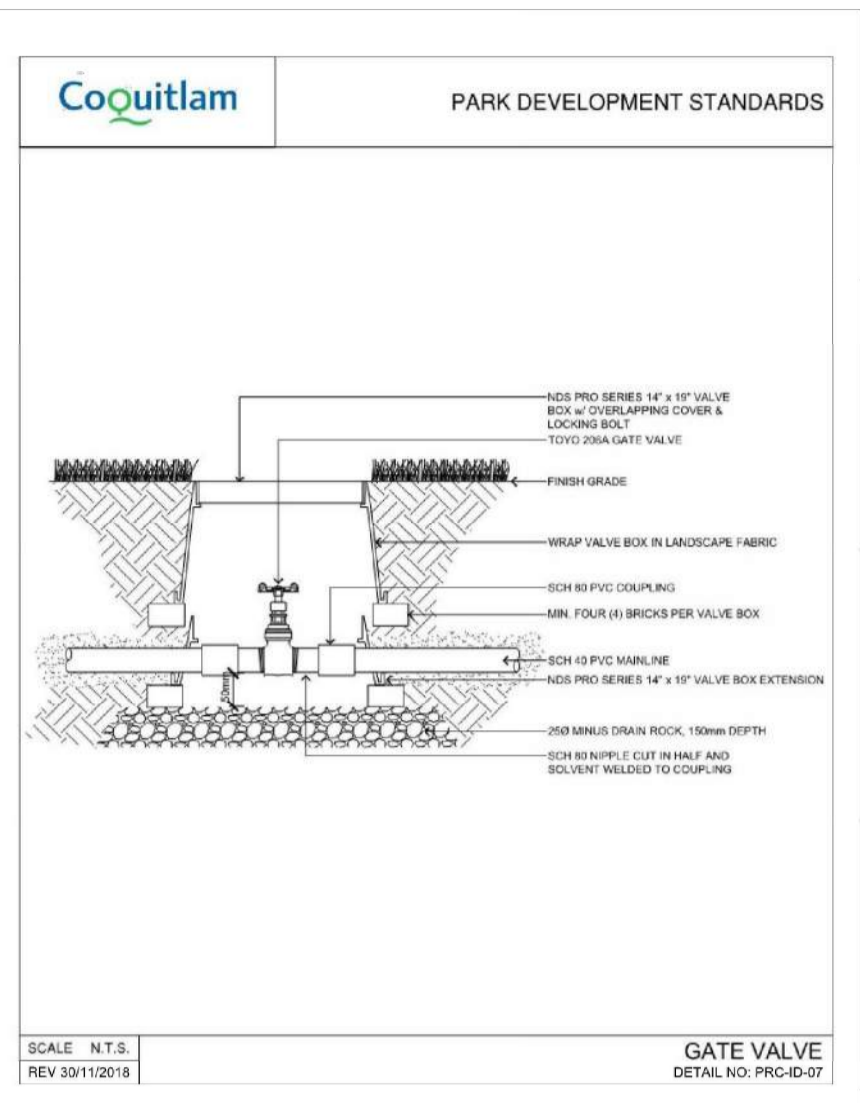
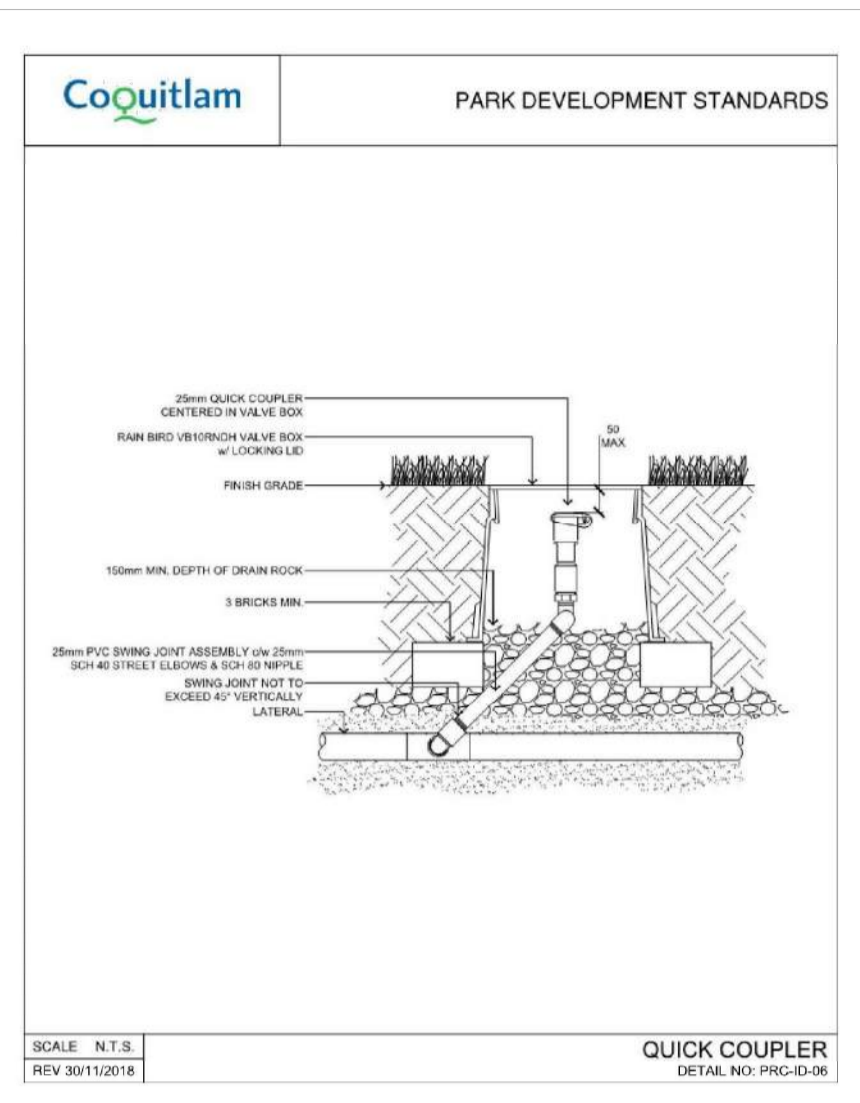
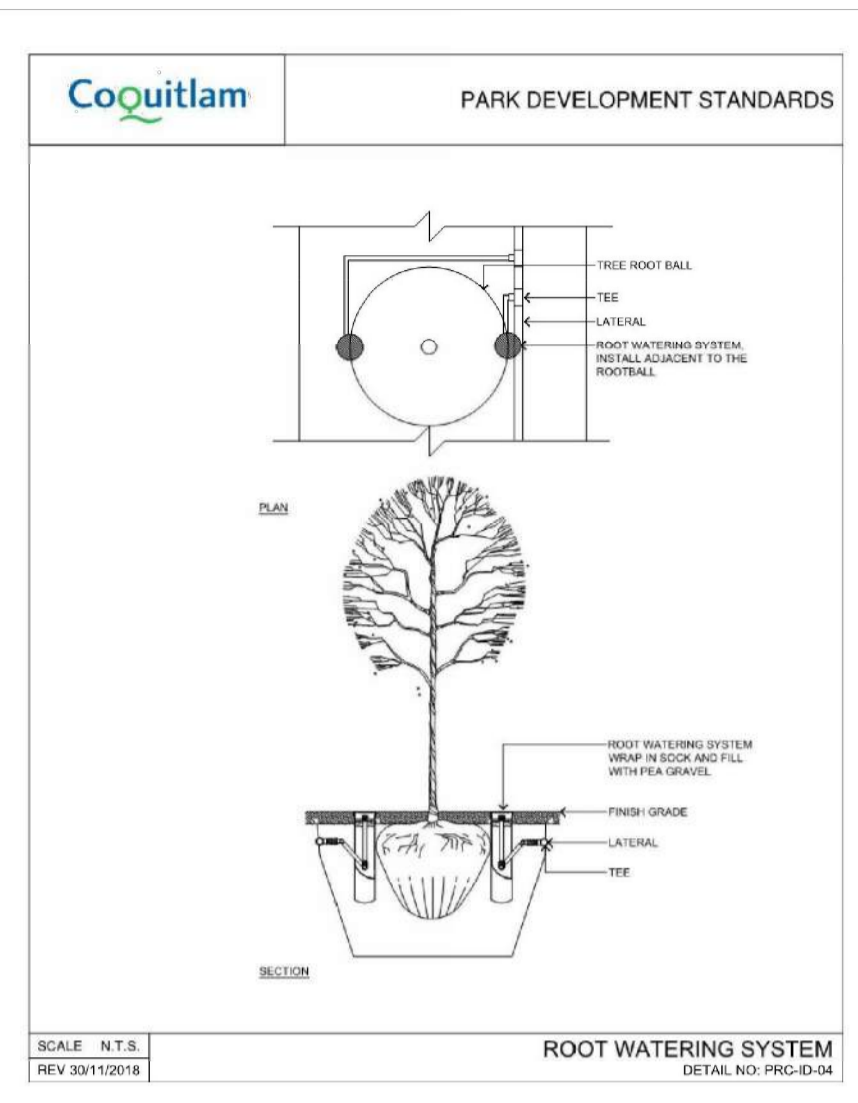
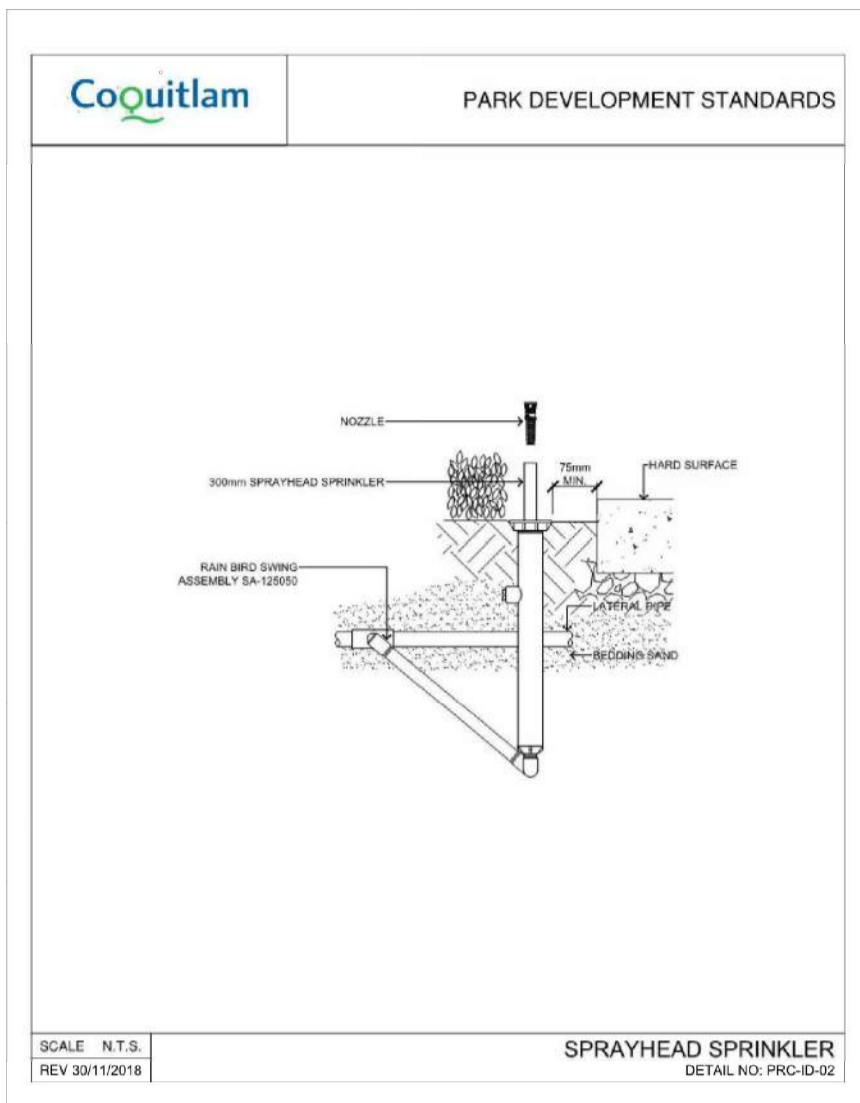


SCALE		AS SHOWN		CREATION DATE		2424/11/01		DWG. NO.	
DRAWN BY		KE		DESIGN BY		CJB		37 OF 47	
CHECKED BY		CJB		APPROVED BY		CJB		REV. A	

32524

IFT DESIGN NO.

File: C:\ADSKACAD\2025\32524\Project Files\02_CADD\00_Drafting\2025_Sheets\32524_SH_10_IRRIGATION.dwg



PLOT DATE: January 21, 2025

REV NO	REVISIONS	DATE	DRAWN	APPRD
A	ISSUED FOR TENDER	2025/01/21	KE	CJB

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

IRRIGATION PIPELINE ROAD

KORIS ISL
#201, 3990 Henning Drive, Burnaby, B.C. V5C 6P9
T: (604)629-2066 F: (604)629-2068

SCALE	AS SHOWN	CREATION DATE	2424/11/01	DWG. NO.
DRAWN BY	KE	DESIGN BY	CJB	38 OF 47
CHECKED BY	CJB	APPROVED BY	CJB	REV. A

32524

IFT DESIGN NO.

DESTROY ALL PRINTS BEARING PREVIOUS NO.