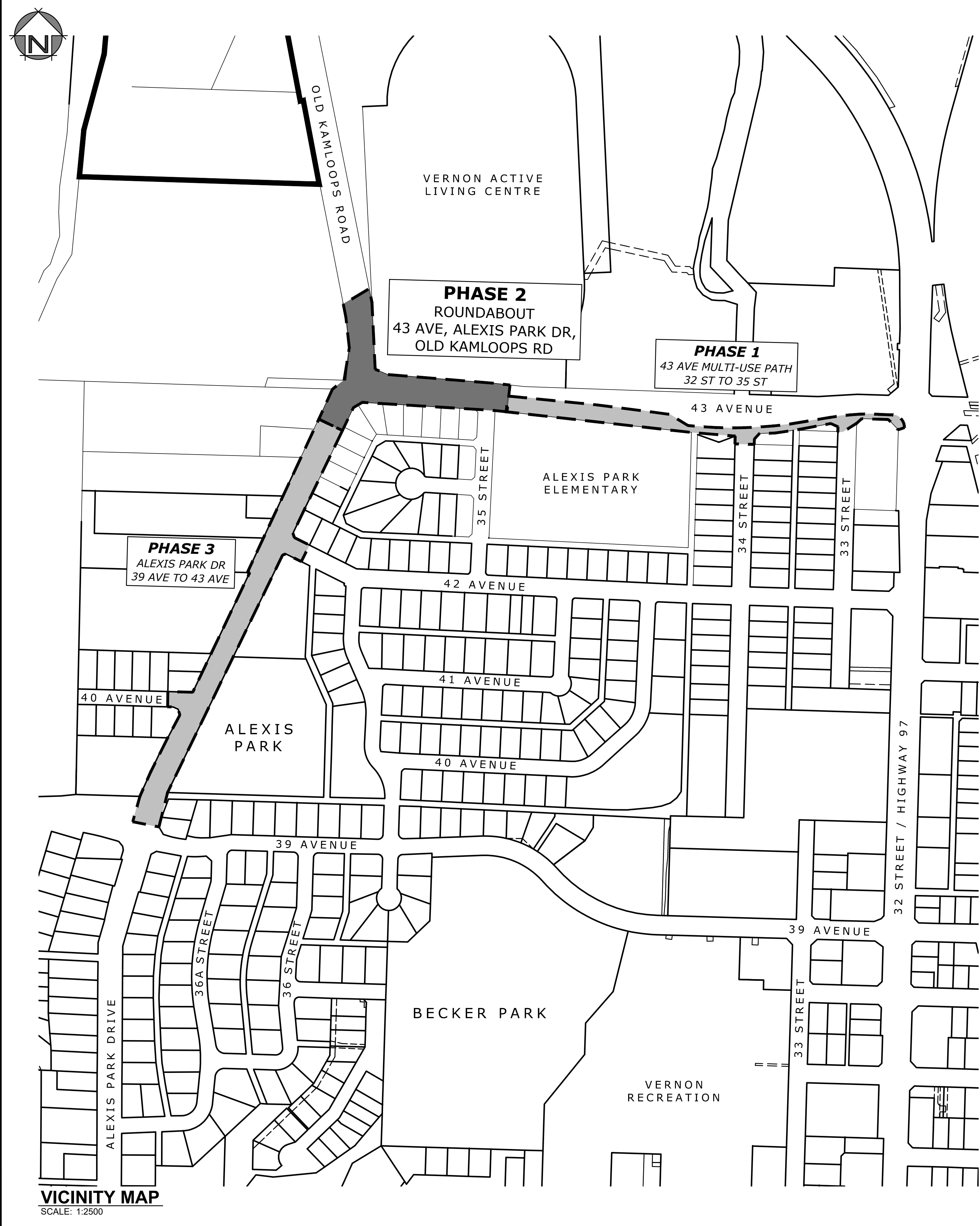




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USER: caseyp
CTB: mscd-fulblack.ctb
LAYOUT: 0001
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VICINITY MAP
SCALE: 1:2500

GENERAL NOTES:

- ALL CONSTRUCTION AND MATERIALS TO BE IN ACCORDANCE WITH THE CITY OF VERNON, GREATER VERNON WATER (GVW), AND MMCD STANDARD SPECIFICATIONS AND DRAWINGS UNLESS OTHERWISE NOTED.
- WHEN A CONFLICT BETWEEN THE SPECIFICATIONS ARISES, THE MOST STRINGENT SHALL APPLY.
- OBTAIN A PERMIT TO CONSTRUCT WORKS ON A MUNICIPAL RIGHT OF WAY FROM THE CITY OF VERNON ENGINEERING DEPARTMENT 48 HOURS PRIOR TO THE START OF ANY CONSTRUCTION.
- CONTRACTOR TO LOCATE ANY AND ALL EXISTING UTILITIES PER LATEST WORKSAFE BC, CITY OF VERNON, GVW, AND/OR UTILITY PROVIDER GUIDELINES AND REGULATIONS.
- LOCATION AND OFFSETS OF EXISTING UTILITIES SHOWN ON THESE PLANS ARE COMPILED FROM THE MOST RECENT INFORMATION AVAILABLE, BUT ARE NOT GUARANTEED TO BE COMPLETE OR ACCURATE AND MUST BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. ANY DAMAGE TO AN EXISTING UTILITY AS A RESULT OF CONSTRUCTION WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- EXPOSE ALL EXISTING SERVICES AT CONNECTION AND CROSSING POINTS 48 HOURS PRIOR TO STARTING CONSTRUCTION ON ANY SUCH SERVICES. ADVISE ENGINEER OF ANY CONFLICTS.
- EXPOSE ALL UTILITY TIE-INS PRIOR TO INSTALLATION OF PIPEWORKS.
- DO NOT START ANY BACKFILL OPERATION UNTIL THE WORKS HAVE BEEN INSPECTED BY THE ENGINEER.
- AFTER CONSTRUCTION, RESTORE WORK AREAS AND ALL EXISTING FEATURES TO THEIR ORIGINAL CONDITION OR BETTER.
- MAINTAIN LOCAL VEHICULAR AND PEDESTRIAN ACCESS THROUGH CONSTRUCTION AREA DURING CONSTRUCTION, AS PER THE TRAFFIC REFERENCE PLAN.
- ADJUST ALL PROPOSED AND EXISTING APPURTENANCES TO MEET THE FINISHED GRADES.
- ENSURE THAT ALL EXISTING SERVICES REMAIN USABLE DURING CONSTRUCTION.
- REMOVE EXISTING ASPHALT CONSISTENT WITH THE LIMITS OF CONSTRUCTION SHOWN ON THE DRAWINGS AND AS NECESSARY TO COMPLETE THE WORK.
- OFFSETS SHOWN ARE FOR REFERENCE ONLY. DIGITAL LAYOUT WILL BE PROVIDED AT TIME OF CONSTRUCTION.
- REMOVE AND REINSTALL EXISTING SIGNAGE AS PER THE LATEST MUTCD STANDARD SPECIFICATIONS.

DRAWING INDEX:

No.	DESCRIPTION
C000	COVER SHEET
C001	VICINITY PLAN, GENERAL NOTES & DRAWING INDEX
C100	OVERALL SURFACE WORKS AND UTILITY PLANS
C101	PAVEMENT MARKINGS & SIGNAGE PLAN
C102	COMPOSITE UTILITY PLAN
C103	REMOVALS PLAN
C200	ROADWORKS PLAN & PROFILE - ALEXIS PARK DR
C201	ROADWORKS PLAN & PROFILE - OLD KAMLOOPS RD
C202	ROADWORKS PLAN & PROFILE - 43 AVE - STA. 43+000 TO 43+140
C203	ROADWORKS PLAN & PROFILE - 43 AVE & 35 ST - STA. 43+140 TO 43+200 & 35 ST
C204	ROADWORKS PLAN & PROFILE - 4240 ALEXIS PARK DR ACCESS AND SLOPE
C300	SANITARY PLAN & PROFILE - ALEXIS PARK DR
C301	STORM PLAN & PROFILE - OLD KAMLOOPS RD
C302	SANITARY PLAN & PROFILE - 43 AVE
C400	WATER & IRRIGATION SUPPLY PLAN & PROFILE - ALEXIS PARK DR
C401	WATER & IRRIGATION SUPPLY PLAN & PROFILE - OLD KAMLOOPS RD
C402	WATER PLAN & PROFILE - 43 AVE
C500	TYPICAL SECTIONS
C501	DETAILS
C502	PLANTING PLAN - BOULEVARD
C503	PLANTING PLAN - ROUNDABOUT ISLAND
C600	TRAFFIC MANAGEMENT REFERENCE PLAN
E-01	ALEXIS PARK DR AND 43 AVE ROUNDABOUT - OLD KAMLOOPS ROAD - TO 35 ST
E-02	TRAFFIC SIGNAL - 43 AVENUE AT 35 STREET
E-03	TRAFFIC SIGNAL - 43 AVENUE AT 35 STREET
IR-100	IRRIGATION PLAN (TO COME)

WATER

- ALL CONSTRUCTION AND MATERIALS TO BE IN ACCORDANCE WITH GVW STANDARD SPECIFICATIONS AND DRAWINGS UNLESS OTHERWISE NOTED.
- ALL WATER MAIN PIPE TO BE PVC DR18, AWWA STANDARD C900. PROVIDE 1.5m MINIMUM COVER.
- ALL WATER VALVES AND FITTINGS TO BE HUB x HUB, JOINT RESTRAINED AND HAVE CAST-IN-PLACE CONCRETE REACTION BLOCKS. FLANGED VALVES OR FITTINGS TO BE USED ONLY WITH PRIOR APPROVAL FROM THE CONTRACT ADMINISTRATOR.
- ALL METALLIC VALVES, FITTINGS, AND JOINT RESTRAINTS TO BE FULLY PROTECTED FROM CORROSION THROUGH THE USE OF DENSO PASTE AND TAPE OR APPROVED EQUAL.
- CONTRACTOR TO TEST, FLUSH AND CONNECT THE WATER MAINS UNDER THE SUPERVISION OF THE ENGINEER AND AS PER THE WATER TESTING AND RETURN TO SERVICE PLAN.
- WATER SERVICES TO BE MINIMUM 250 UNLESS OTHERWISE NOTED.
- ALL WATER SERVICES THAT ARE NOT PERPENDICULAR TO MAIN TO HAVE TRACER WIRE (#14 AWG) AND WIRE TO BE RUN TO SURFACE AT CURB STOP BOX.
- ALL EXISTING VALVES TO BE OPERATED BY CITY OF VERNON CREWS ONLY. CONTRACTOR NOT TO OPERATE ANY EXISTING VALVES.
- THE CONTRACTOR SHALL PROVIDE A MINIMUM 48 HOURS (2 WORKING DAYS, DEFINED AS MONDAY TO FRIDAY, EXCLUDING STATUTORY HOLIDAYS) ADVANCE NOTICE TO THE ENGINEER, GVW, CITY OF VERNON, VERNON FIRE DEPARTMENT, AND THE AFFECTED WATER SERVICE USERS PRIOR TO ANY MAIN AND/OR SERVICE SHUT DOWN OR DISRUPTION. NO SHUTDOWNS OF GREATER THAN 8 HOURS WILL BE ALLOWED. THE CONTRACTOR SHALL COORDINATE ALL SERVICE DISRUPTIONS WITH THE ENGINEER, GVW, CITY OF VERNON AND VERNON FIRE DEPARTMENT.

STORM SEWER

- STORM SEWER SERVICES TO BE 1500 PVC SDR 28 @ MINIMUM 1.0% UNLESS OTHERWISE NOTED.
- CATCH BASIN LEADS TO BE 2000 PVC SDR 35 @ MINIMUM 1.0%.
- CATCH BASINS ARE TOP INLET UNLESS OTHERWISE NOTED.
- CATCH BASIN FRAME AND GRATES TO BE DOBNEY B-39 FOR BARRIER CURB WITH GUTTER.
- TOP INLET CATCH BASIN BARRELS TO BE MINIMUM 7500 DIAMETER.
- SIDE INLET CATCH BASIN BARRELS TO BE 9000 DIAMETER.
- CATCH BASIN BARRELS WITHIN 3.0m OF WATERMAIN TO BE WATERTIGHT AND LEADS TO BE BE GROUTED.

SANITARY SEWER

- SANITARY SEWER MAIN TO BE 2000 PVC SDR 35.
- SANITARY SEWER SERVICES TO BE 1000 PVC SDR 28 @ MINIMUM 2.0% UNLESS OTHERWISE NOTED.

HYDRO, TELEPHONES, CABLE, STREETLIGHTING AND GAS

- COMPLETE "BC ONE CALL" AT 1-800-474-6886 AND CONTACT ANY OTHER APPLICABLE UTILITY A MINIMUM OF 48 HOURS PRIOR TO START OF CONSTRUCTION.

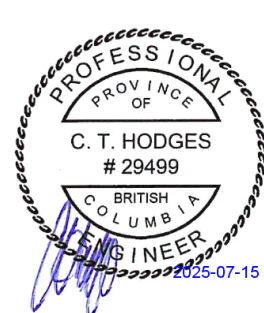
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A	2025-JUN-04	CFB	PRELIMINARY DESIGN	
Rev.	Date	By	Description	

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Seal



Scale AS NOTED

Date	MAR 2025
Designed	CH/CFB
Drawn	CFB
Checked	CH

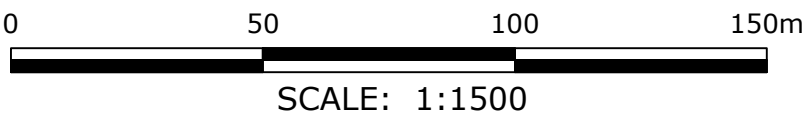
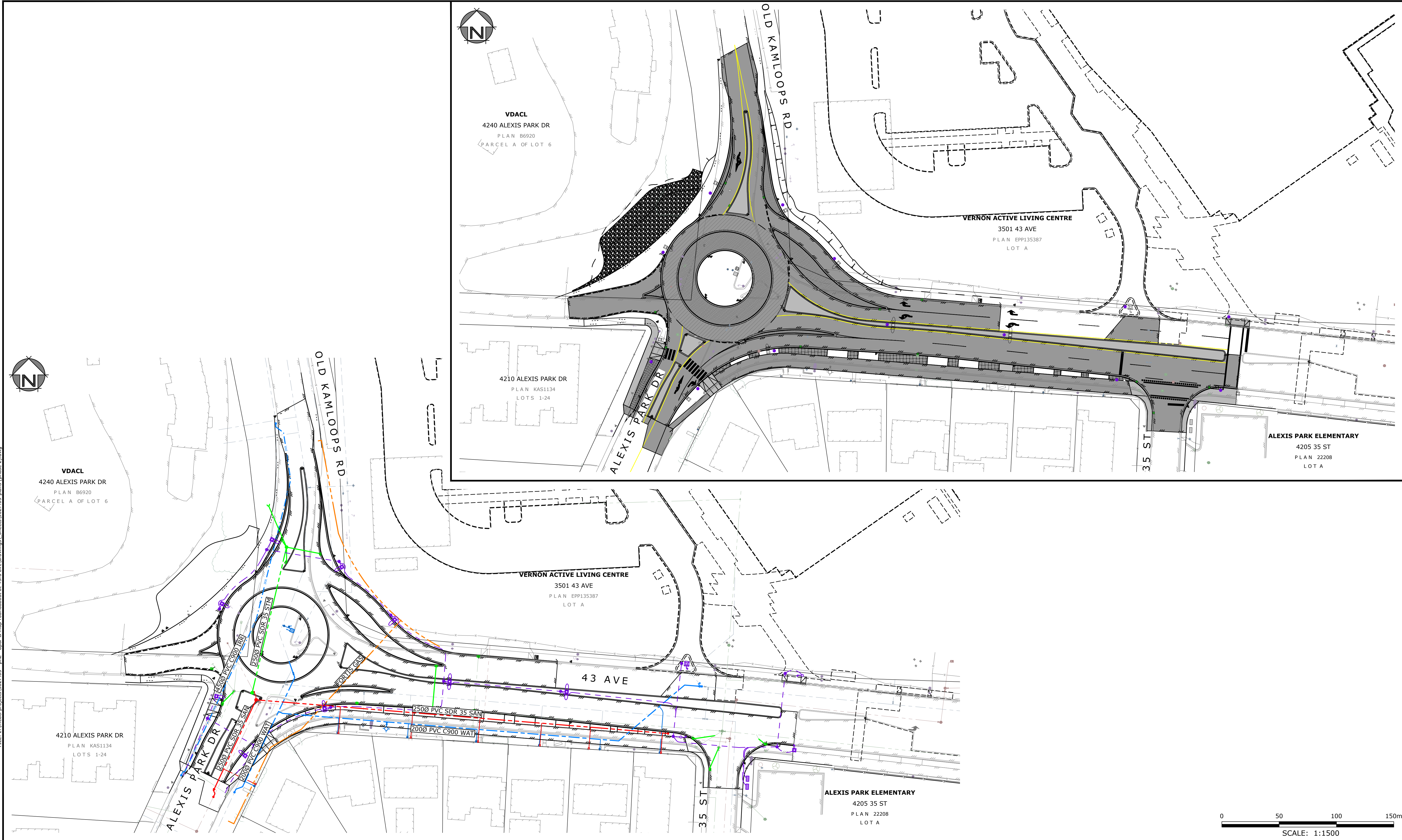


CITY OF VERNON & RDNO

ALEXIS PARK DR & 43 AVE ROUNDABOUT
VICINITY PLAN, GENERAL NOTES
& DRAWING INDEX

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Client File No.	25-48-INF
Sheet No.	1 OF 21
Drawing No.	C001
Rev.	B

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LEGEND:

(EXISTING SYMBOLS SHOWN GREY/SOLID)

- EDGE OF ASPHALT
- EDGE OF GRAVEL
- FENCING
- BUILDING
- TOP OF BANK
- BOTTOM OF BANK
- DITCH
- TREELINE
- SANITARY
- STORM DRAIN
- WATER
- GAS
- HYDRO/TEL

- GUY WIRE
- ANCHOR POLE
- HYDRO/TEL POLE
- POLE W/ TRANSFORMER
- HYDRO TUB/VAULT
- TEL TUB/VAULT
- SHAW CABLE TUB/VAULT
- JUNCTION BOX
- SERVICE BOX
- KIOSK
- LOW POWER TRANSFORMER
- TRAFFIC SIGNAL
- STREET LIGHT

- CAP
- INSPECTION CHAMBER
- SANITARY MANHOLE
- DRAINAGE MANHOLE
- DRY WELL
- CATCHBASIN MANHOLE
- CATCHBASIN
- DRAINAGE INVERT
- HEADWALL
- AIR VALVE
- WATER VALVE
- CURB STOP
- FIRE HYDRANT

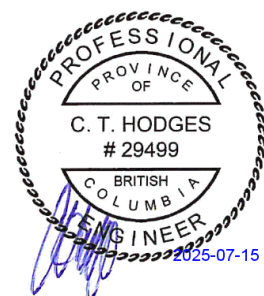
- BLOW-OFF
- REDUCER
- COUPLER
- PROPERTY PIN
- HUB
- MONUMENT
- BOREHOLE
- SIGN
- TREE

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Seal



Scale 1:500

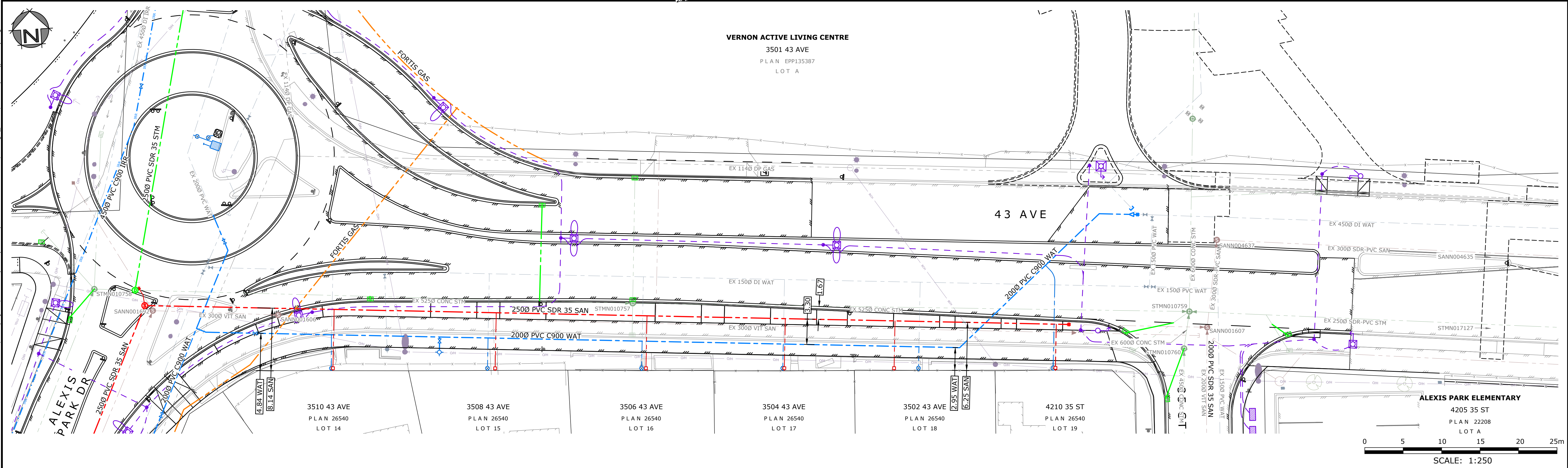
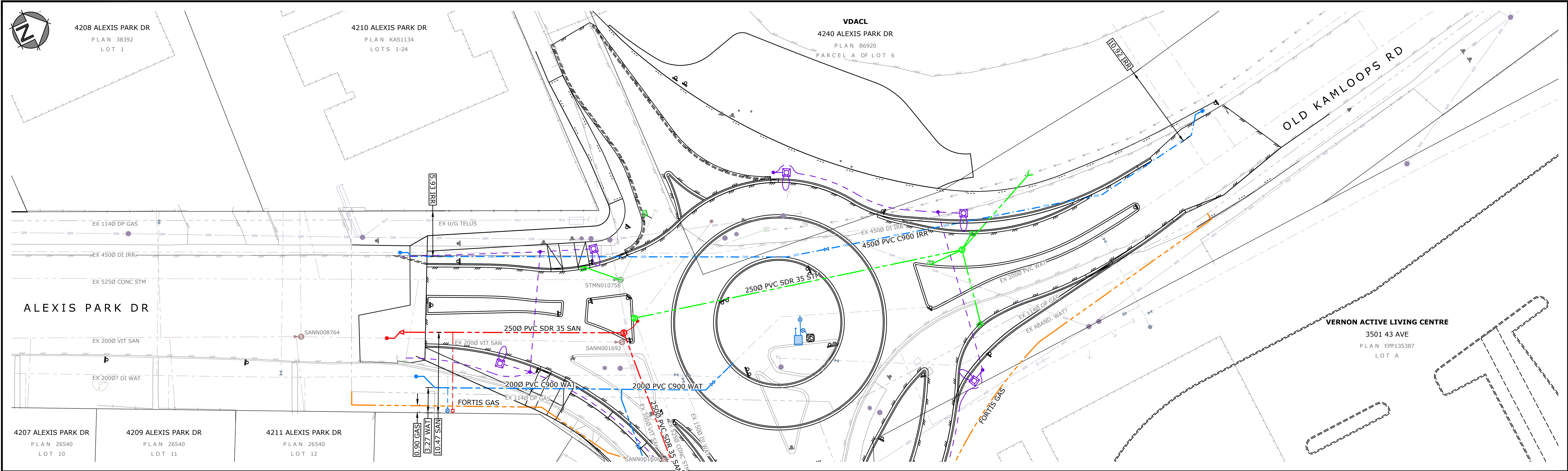
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CITY OF VERNON & RDNO

ALEXIS PARK DR & 43 AVE ROUNDABOUT
OVERALL SURFACE WORKS
AND UTILITY PLANS

Project No. 3027.03
Client File No. 25-48-INF
Sheet No. 2 OF 21
Drawing No. C100
Rev. B



						LEGEND: (EXISTING SYMBOLS SHOWN GREY/SOLID)						EGBC PERMIT TO PRACTICE No. 1001446			Seal			Scale 1:250						CITY OF VERNON ALEXIS PARK DR & 43 AVE ROUNDABOUT COMPOSITE UTILITY PLAN			Project No. 3027.03																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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PROFESSIONAL

PROVINCE OF

C. T. HODGES

29499

BRITISH COLUMBIA

ENGINEER

2025-07-15

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Date MAR 2025

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Drawn CFB

Checked CH

CITY OF

Vernon

REGIONAL DISTRICT

NORTH OKANAGAN

CITY OF VERNON & RDNO

ALEXIS PARK DR & 43 AVE ROUNDABOUT

COMPOSITE UTILITY

PLAN

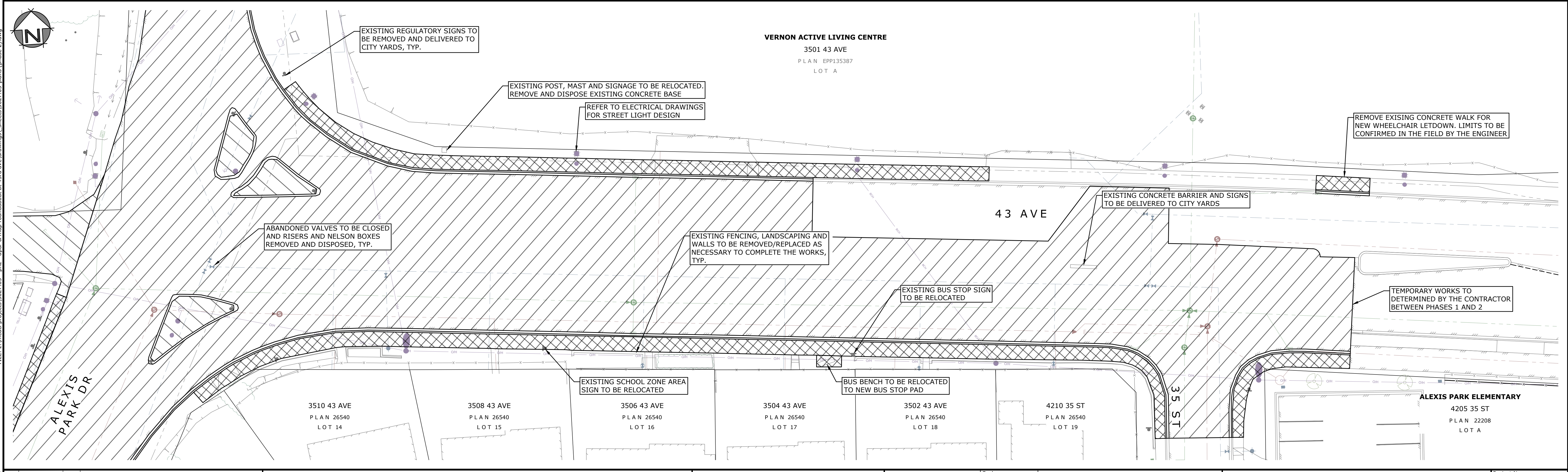
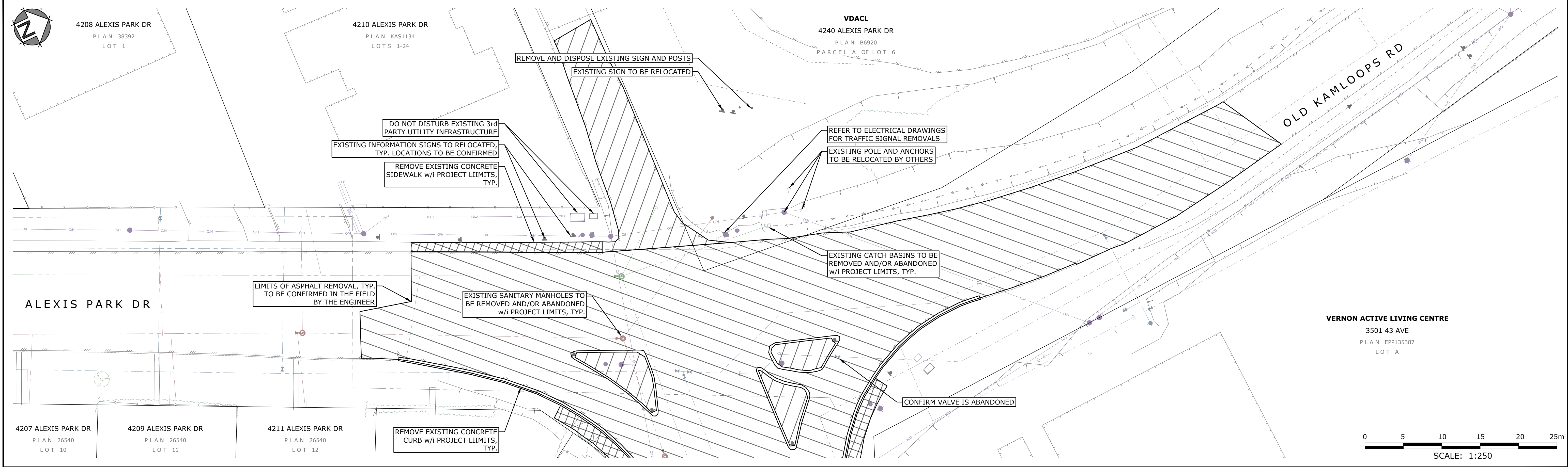
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Client File No. 25-48-INF

Sheet No. 4 OF 21

Drawing No. C102

Rev. A



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Rev.	Date	By	Description
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A	2025-JUN-04	CFB	PRELIMINARY DESIGN

LEGEND: (EXISTING SYMBOLS SHOWN GREY/SOLID)	
	- EDGE OF ASPHALT
	- EDGE OF GRAVEL
	- FENCING
	- BUILDING
	- TOP OF BANK
	- BOTTOM OF BANK
	- DITCH
	- TREELINE
	- SANITARY STORM DRAIN
	- WATER
	- GAS
	- HYDRO/TEL
	- GUY WIRE
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	- TREE

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Seal

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29499
BRITISH COLUMBIA
ENGINEER
2025-07-15

Scale	1:250
Date	MAR 2025
Designed	CH/CFB
Drawn	CFB
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CITY OF VERNON

REGIONAL DISTRICT NORTH OKANAGAN

CITY OF VERNON & RDNO

ALEXIS PARK DR & 43 AVE ROUNDABOUT

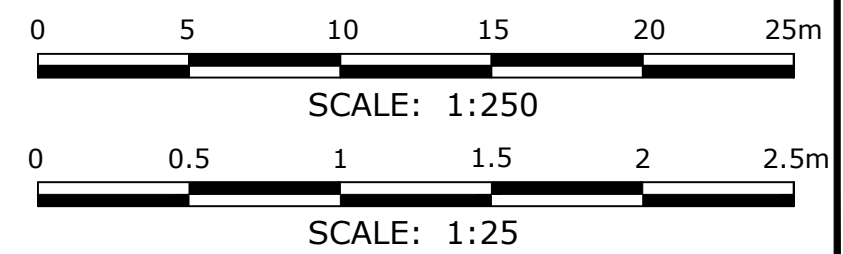
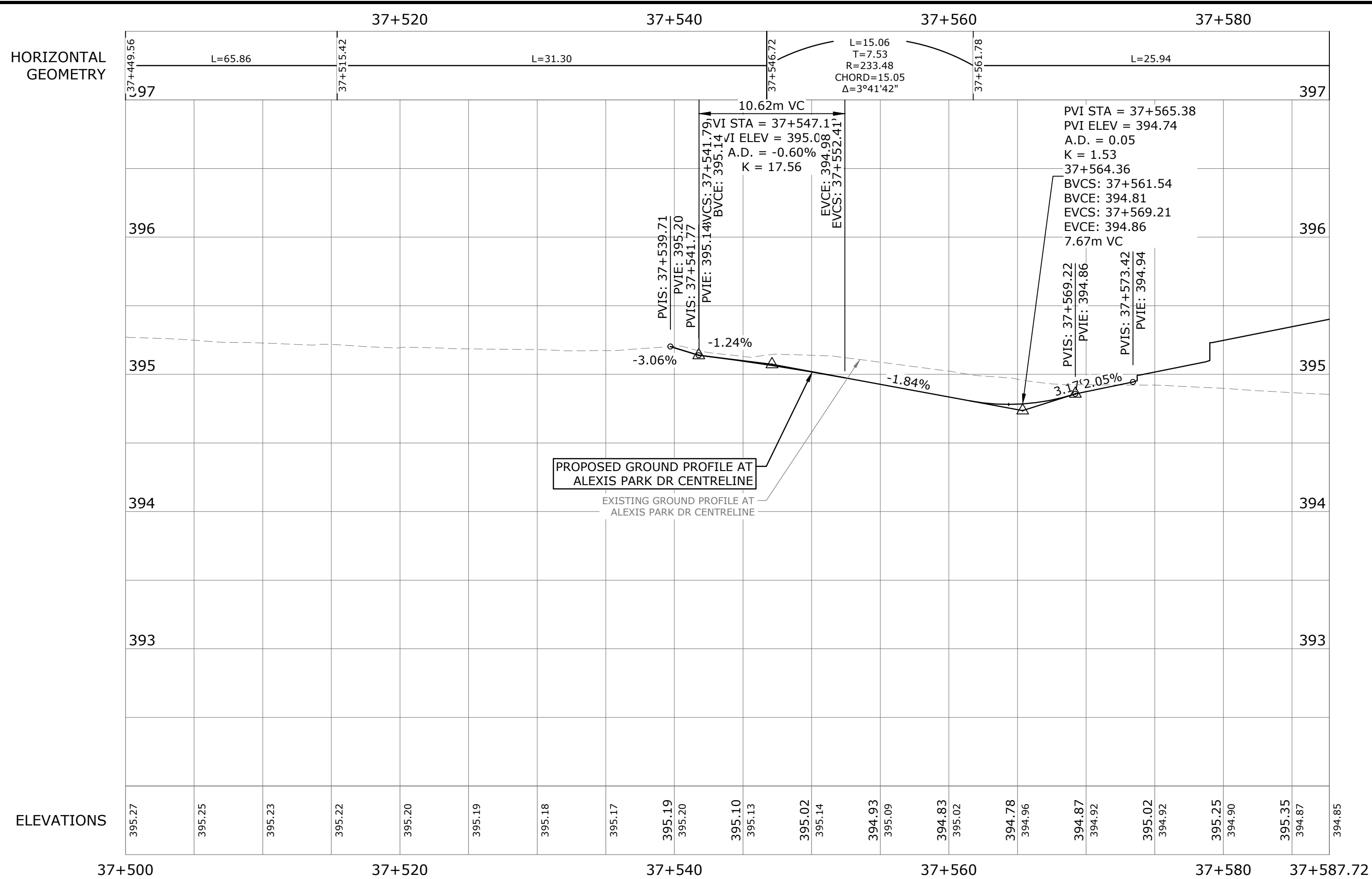
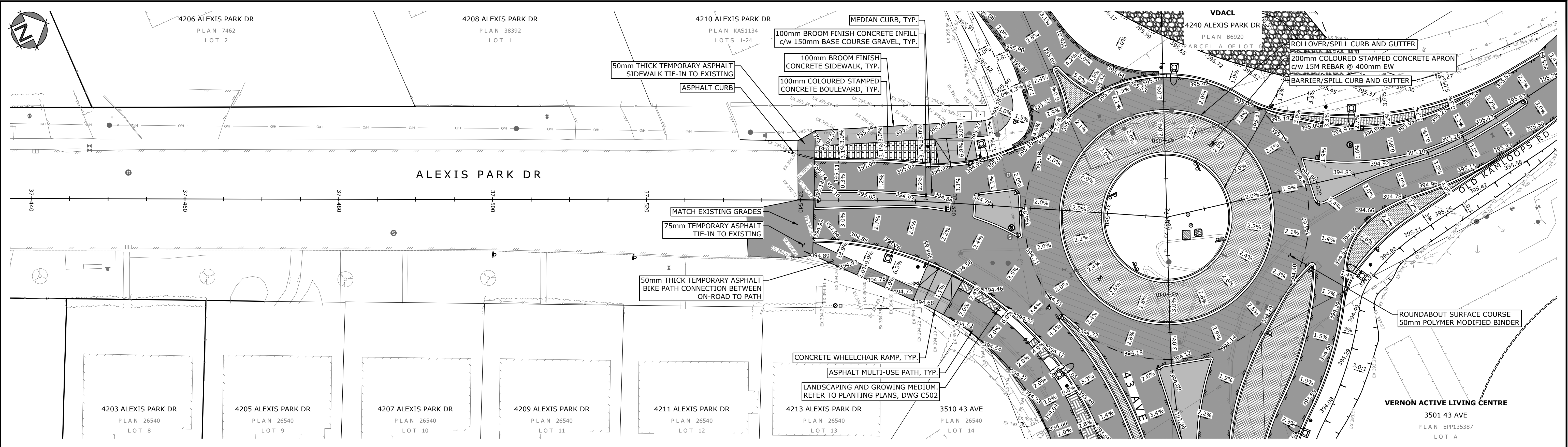
REMOVALS

PLAN

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Sheet No.	5 OF 21
Drawing No.	C103
Rev.	A

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EDGE OF ASPHALT	CAP
EDGE OF GRAVEL	INSPECTION CHAMBER
FENCING	REDUCER
BUILDING	COUPLER
TOP OF BANK	PROPERTY PIN
BOTTOM OF BANK	HUB
DITCH	MONUMENT
TREE LINE	SIGN
SANITARY MANHOLE	TREE
STORM DRAIN	
WATER	
GAS	
HYDRO/TEL	

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Scale: 1:250

Date: MAR 2025

Designed: CH/CFB

Drawn: CFB

Checked: CH

CITY OF VERNON

REGIONAL DISTRICT NORTH OKANAGAN

CITY OF VERNON & RDNO

ALEXIS PARK DR & 43 AVE ROUNDABOUT

ROADWORKS PLAN & PROFILE

ALEXIS PARK DR

Project No. 3027.03

Client File No. 25-48-INF

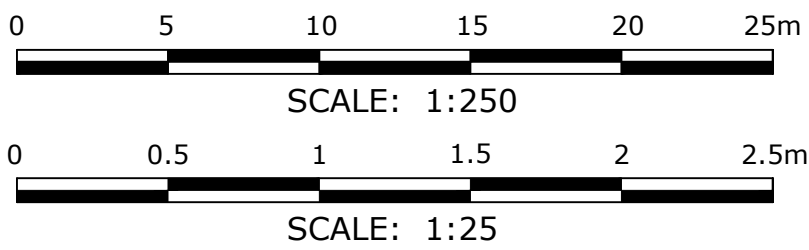
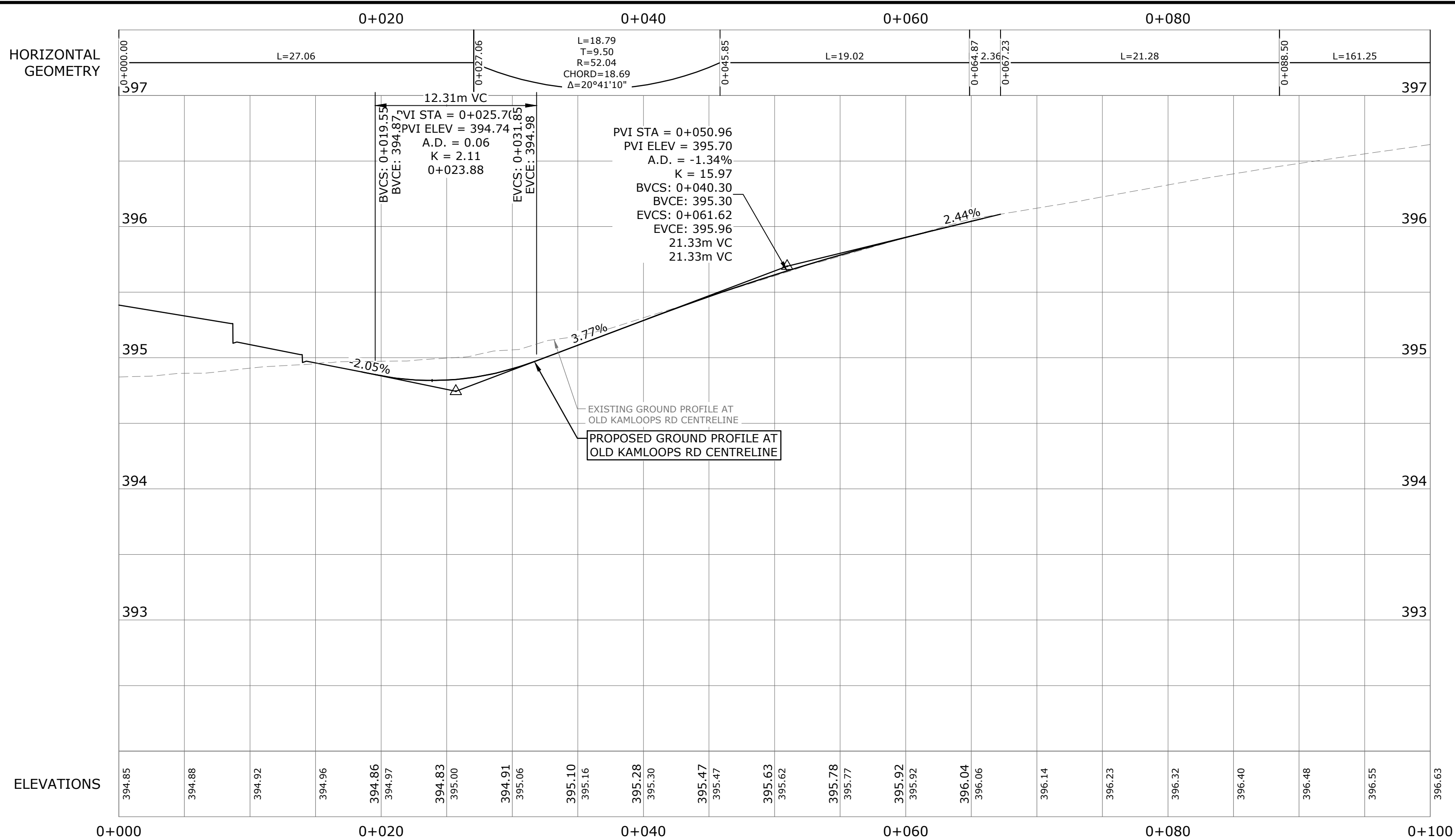
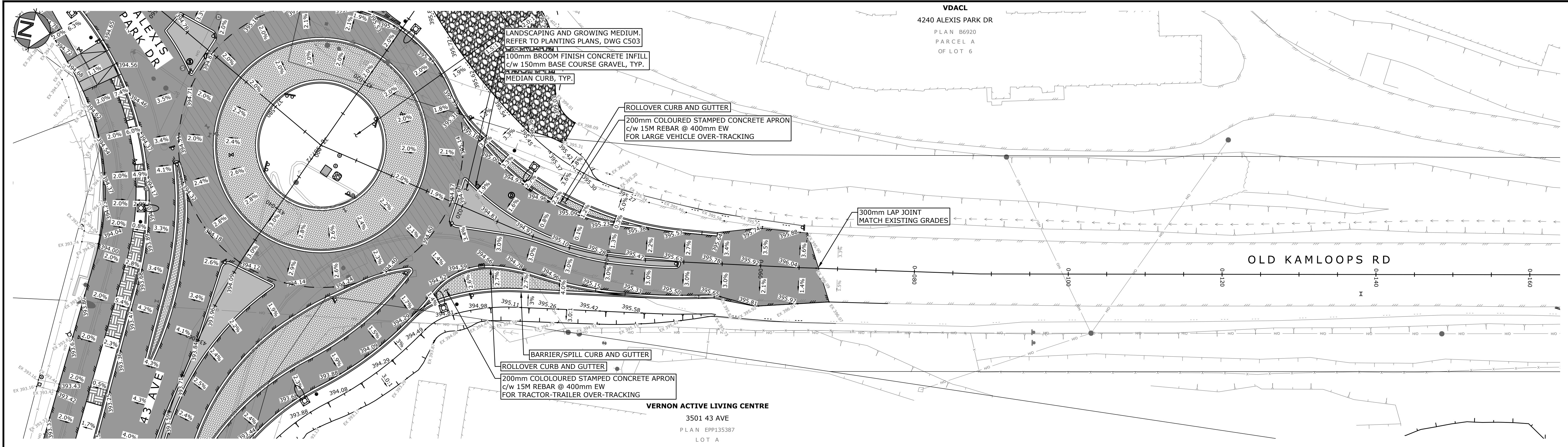
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Drawing No. C200

Rev. B

ISSUED FOR RFP

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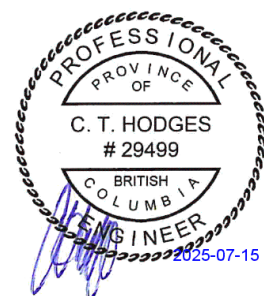
- (EXISTING SYMBOLS SHOWN GREY/SOLID)
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 - WATER
 - GAS
 - HYDRO/TEL
 - GUY WIRE
 - ANCHOR POLE
 - HYDRO/TEL POLE
 - POLE w/ TRANSFORMER
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 - LOW POWER TRANSFORMER
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 - MONUMENT
 - BOREHOLE
 - SIGN
 - TREE
 - BLOW-OFF
 - REDUCER
 - COUPLER
 - PROPERTY PIN
 - HUB
 - MONUMENT
 - SIGN
 - TREE

EGBC PERMIT TO PRACTICE No. 1001446



3710B 28th Street, Vernon, BC, V1T 9X2 Ph: (250) 503-1023 Fax: (250) 503-1024

Seal



Scale 1:250
Date MAR 2025
Designed CH/CFB
Drawn CFB
Checked CH



CITY OF VERNON & RDNO

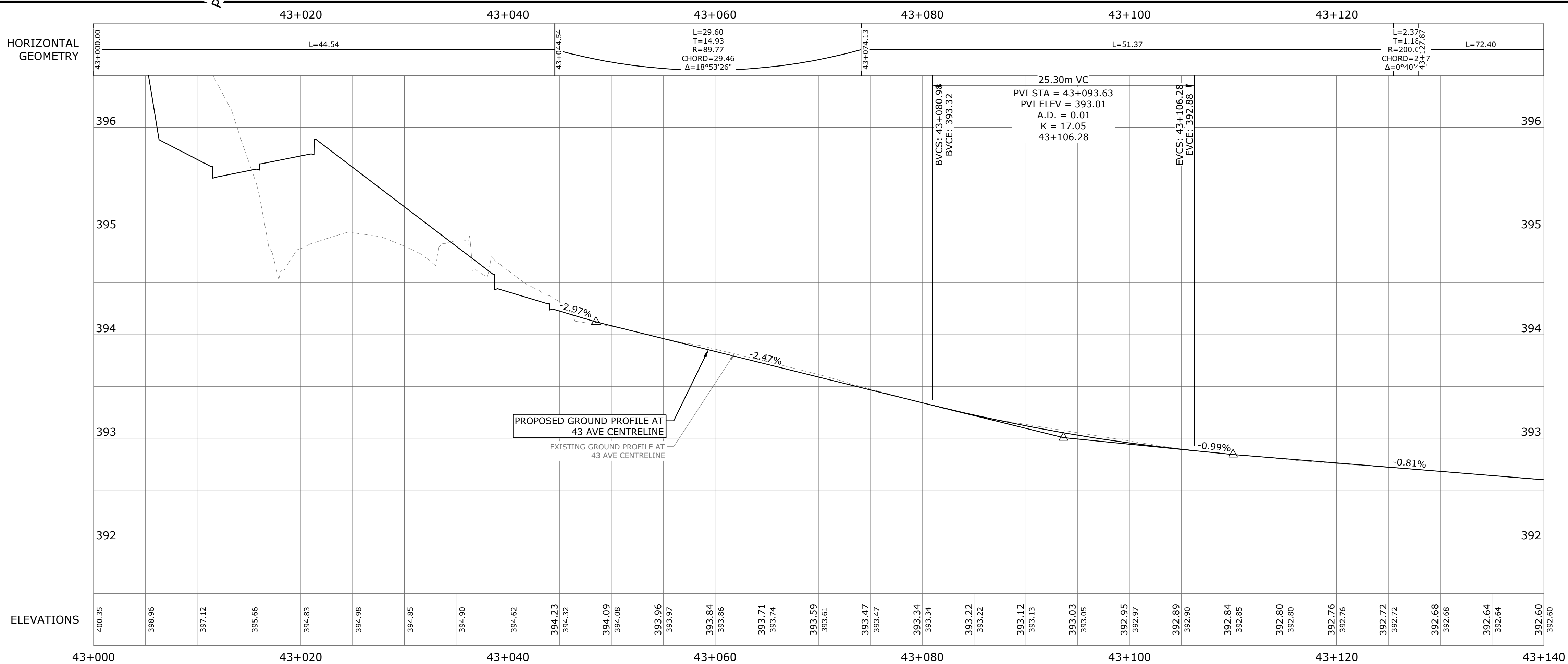
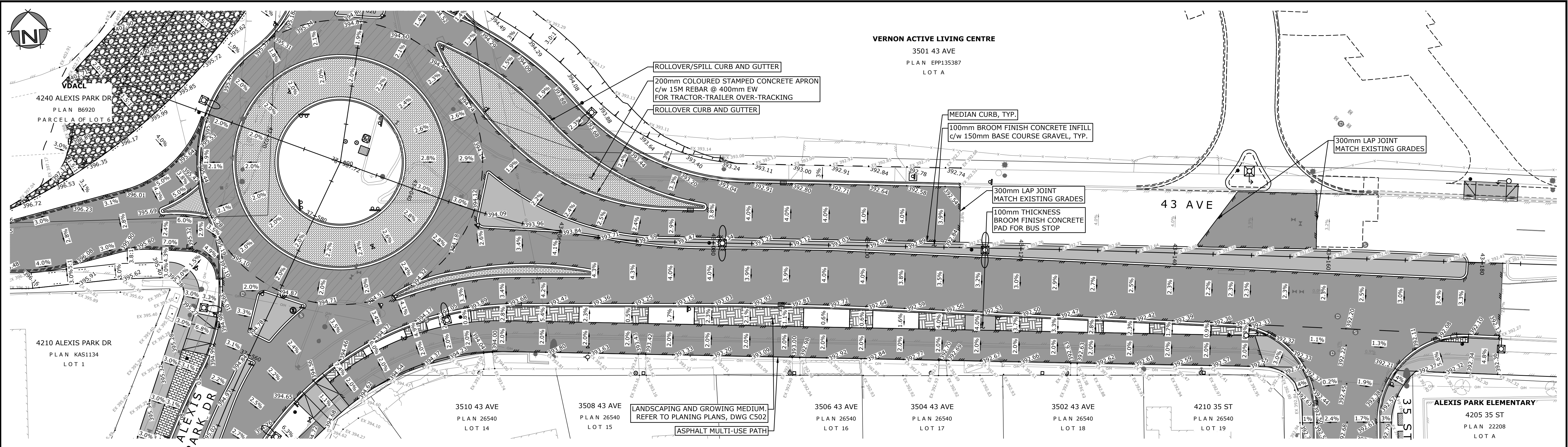
ALEXIS PARK DR & 43 AVE ROUNDABOUT

ROADWORKS PLAN & PROFILE

OLD KAMLOOPS RD

Project No. 3027.03
Client File No. 25-48-INF
Sheet No. 7 OF 21
Drawing No. C201
Rev. B

USER: caseyb
CTB: msc-fulblack.ctb
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IMAGES: C-5.GIF C-5L.GIF C-5R.GIF
FILE: 2:mead projects\3027-03 - ph2 - apdf & mup roundabout at 43rd ave\Drawings\Sheets\3027-03-plans (phase 2).dwg
PLOTTED: 2025-07-14 - 3:55 PM



Rev.	Date	By	Description
B	2025-JUL-14	CFB	ISSUED FOR RFP
A	2025-JUN-04	CFB	PRELIMINARY DESIGN

LEGEND:	(EXISTING SYMBOLS SHOWN GREY/SOLID)
	EDGE OF ASPHALT
	EDGE OF GRAVEL
	FENCING
	BUILDING
	TOP OF BANK
	BOTTOM OF BANK
	DITCH
	TREELINE
	SANITARY
	STORM DRAIN
	WATER
	GAS
	HYDRO/TEL
	GUY WIRE
	ANCHOR POLE
	HYDRO/TEL POLE
	POLE w/ TRANSFORMER
	TEL TUB/VAULT
	SHAW CABLE TUB/VAULT
	JUNCTION BOX
	SERVICE BOX
	KIOSK
	LOW POWER TRANSFORMER
	TRAFFIC SIGNAL
	STREET LIGHT
	CAP
	INSPECTION CHAMBER
	SANITARY MANHOLE
	COUPLER
	PROPERTY PIN
	HUB
	MONUMENT
	BOREHOLE
	SIGN
	TREE
	BLOW-OFF
	REDUCER
	COUPLER
	PROPERTY PIN
	HUB
	MONUMENT
	BOREHOLE
	SIGN
	TREE

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Ph: (250) 503-1023
Fax: (250) 503-1024

Seal

PROFESSIONAL
ENGINEER
C. T. HODGES
#29499
BRITISH COLUMBIA
2025-07-15

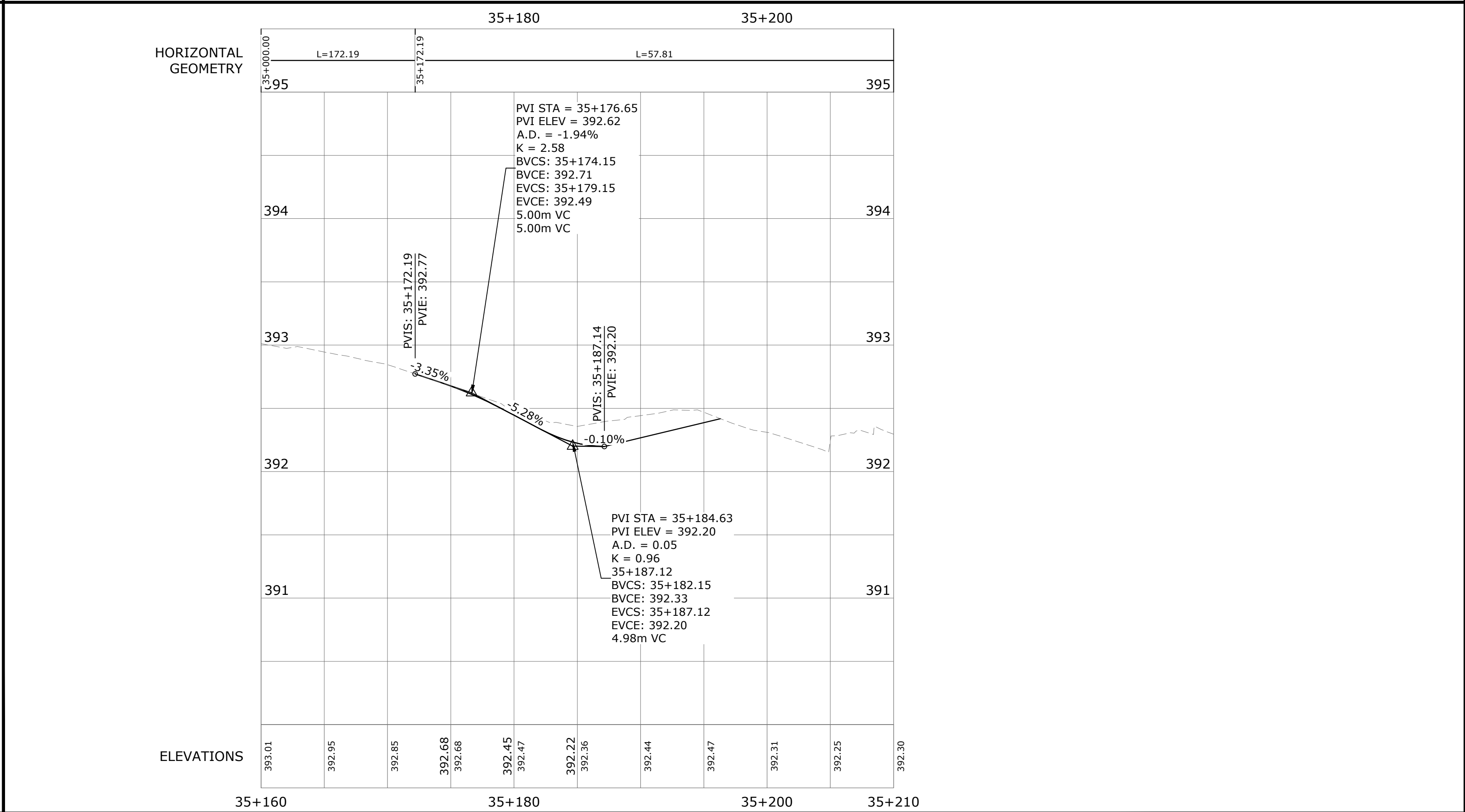
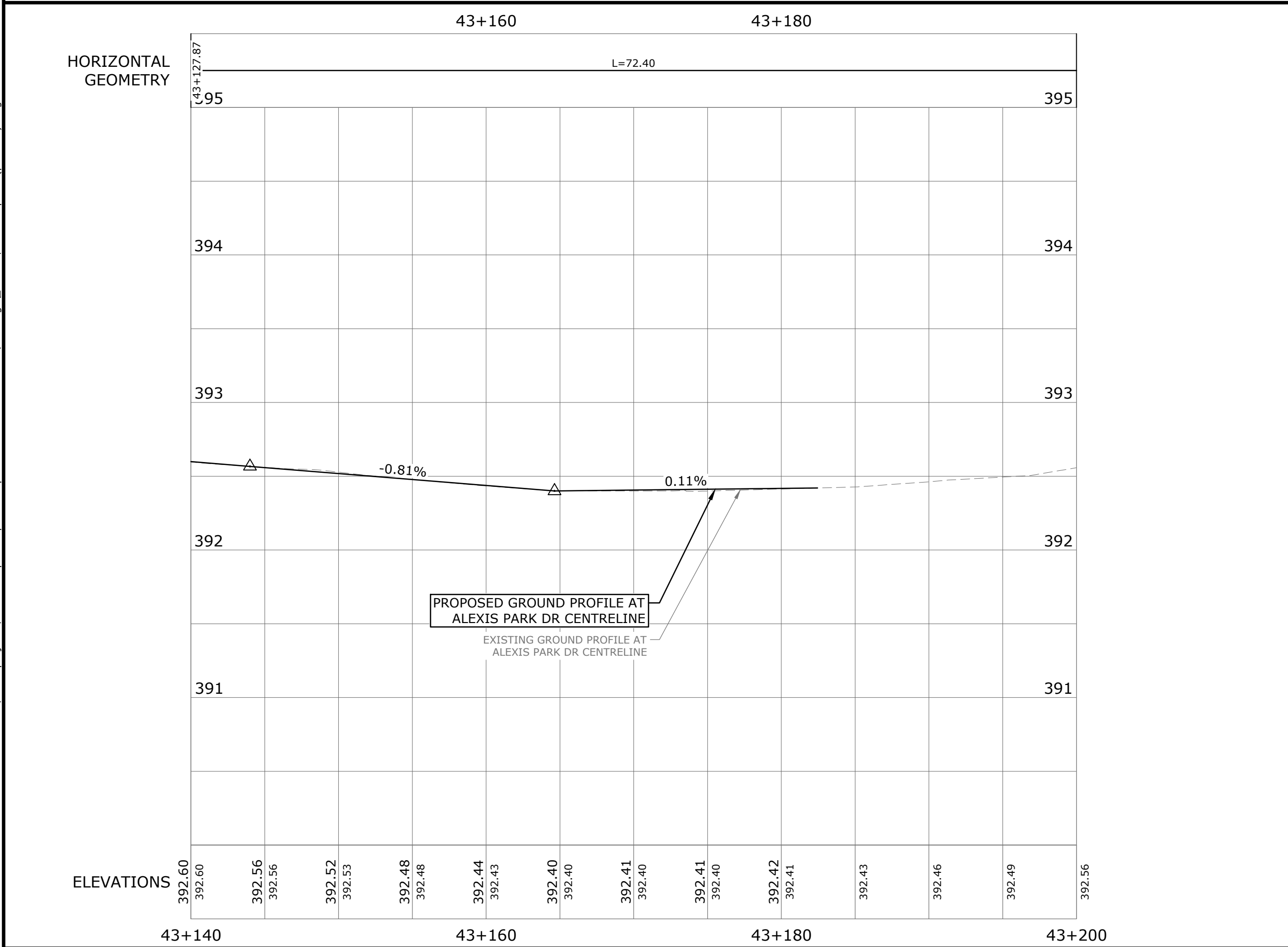
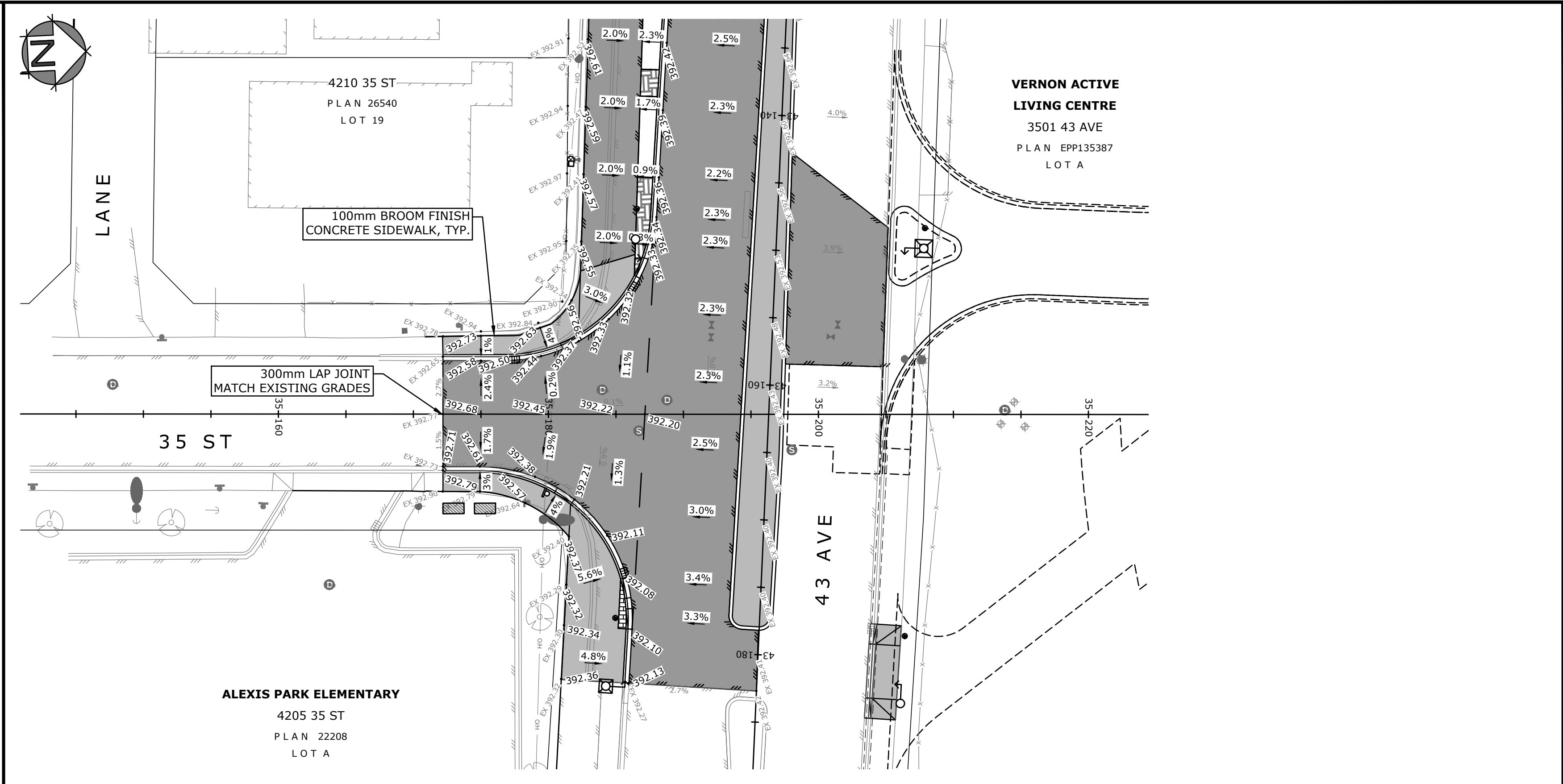
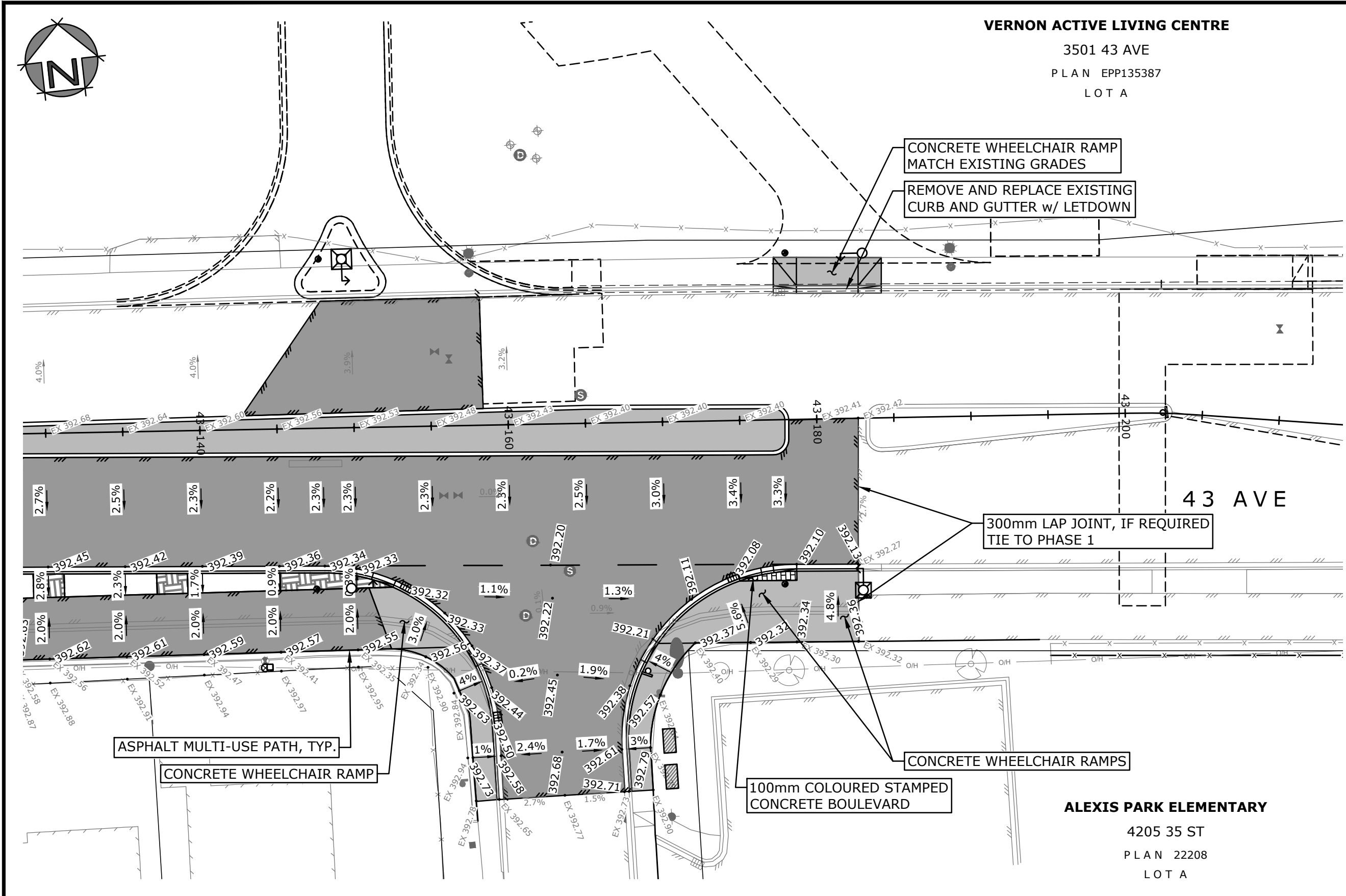
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CITY OF VERNON

REGIONAL DISTRICT NORTH OKANAGAN

CITY OF VERNON & RDNO		Project No.	3027.03
ALEXIS PARK DR & 43 AVE ROUNDABOUT		Client File No.	25-48-INF
ROADWORKS PLAN & PROFILE		Sheet No.	8 OF 21
43 AVE - STA. 43+000 TO 43+140		Drawing No.	C202
		Rev.	B

USER: casevp
CTB: msc-fulblack.ctb
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FILE: 2:\mead projects\3027-03 - ph2 - apdf & mup roundabout at 43rd ave\Drawings\ Sheets\3027-03-plans (phase 2).dwg



Rev.	Date	By	Description
B	2025-JUL-14	CFB	ISSUED FOR RFP
A	2025-JUN-04	CFB	PRELIMINARY DESIGN

LEGEND: (EXISTING SYMBOLS SHOWN GREY/SOLID)	
	EDGE OF ASPHALT
	EDGE OF GRAVEL
	FENCELINE
	BUILDING
	TOP OF BANK
	BOTTOM OF BANK
	DITCH
	TREELINE
	SANITARY
	STORM DRAIN
	WATER
	GAS
	HYDRO/TEL
	GUY WIRE
	INSPECTION CHAMBER
	SANITARY MANHOLE
	HYDRO/TEL POLE
	POLE w/ TRANSFORMER
	HYDRO TUB/VAULT
	TEL TUB/VAULT
	SHAW CABLE TUB/VAULT
	JUNCTION BOX
	SERVICE BOX
	KIOSK
	LOW POWER TRANSFORMER
	TRAFFIC SIGNAL
	STREET LIGHT
	CAP
	REDUCER
	COUPLER
	PROPERTY PIN
	HUB
	MONUMENT
	BOREHOLE
	SIGN
	TREE
	BLOW-OFF
	FIRE HYDRANT

EGBC PERMIT TO PRACTICE No. 1001446

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Seal

PROFESSIONAL
ENGINEER
C. T. HODGES
#29499
BRITISH COLUMBIA

Scale: 1:250

Date: MAR 2025

Designed: CH/CFB

Drawn: CFB

Checked: CH

CITY OF VERNON

REGIONAL DISTRICT NORTH OKANAGAN

CITY OF VERNON & RDNO

ALEXIS PARK DR & 43 AVE ROUNDABOUT

ROADWORKS PLAN & PROFILE - 43 AVE & 35 ST

STA. 43+000 TO 43+140 & 35 ST

Project No. 3027.03

Client File No. 25-48-INF

Sheet No. 9 OF 21

Drawing No. C203

Rev. B



VDACL
4240 ALEXIS PARK DR
PLAN B6920
PARCEL A OF LOT 6

400mm THICK LARGE ANGULAR ROCK
c/w WEED BARRIER

TRANSITION SLOPE FROM 1.5:1 TO 2:1

4210 ALEXIS PARK DR
PLAN KAS1134
LOT 1

ALEXIS PARK DR

43 AVE

OLD KAMLOOPS RD

LEGEND:

(EXISTING SYMBOLS SHOWN GREY/SOLID)

- EDGE OF ASPHALT
- EDGE OF GRAVEL
- FENCING
- BUILDING
- TOP OF BANK
- BOTTOM OF BANK
- DITCH
- TREELINE
- SANITARY
- STORM DRAIN
- WATER
- GAS
- HYDRO/TEL

- GUY WIRE
- ANCHOR POLE
- HYDRO/TEL POLE
- POLE w/ TRANSFORMER
- HYDRO TUB/VAULT
- TEL TUB/VAULT
- SHAW CABLE TUB/VAULT
- JUNCTION BOX
- SERVICE BOX
- KIOSK
- LOW POWER TRANSFORMER
- TRAFFIC SIGNAL
- STREET LIGHT

- CAP
- INSPECTION CHAMBER
- SANITARY MANHOLE
- DRAINAGE MANHOLE
- DRY WELL
- CATCHBASIN MANHOLE
- CATCHBASIN
- DRAINAGE INVERT
- HEADWALL
- AIR VALVE
- WATER VALVE
- CURB STOP
- FIRE HYDRANT

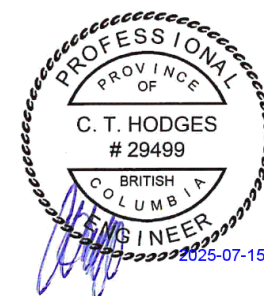
- BLOW-OFF
- REDUCER
- COUPLER
- PROPERTY PIN
- HUB
- MONUMENT
- BOREHOLE
- SIGN
- TREE

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Seal



Scale
1:250
1:25
Date
MAR 2025
Designed
CH/CFB
Drawn
CFB
Checked
CH

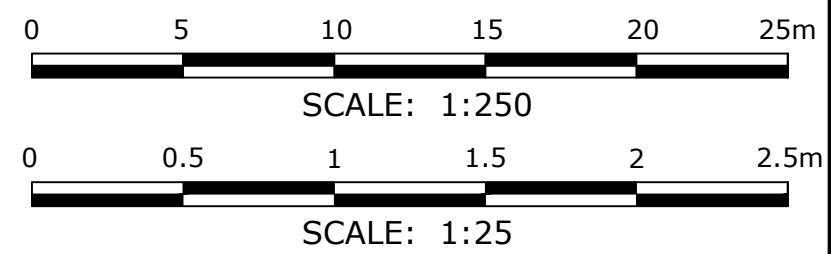
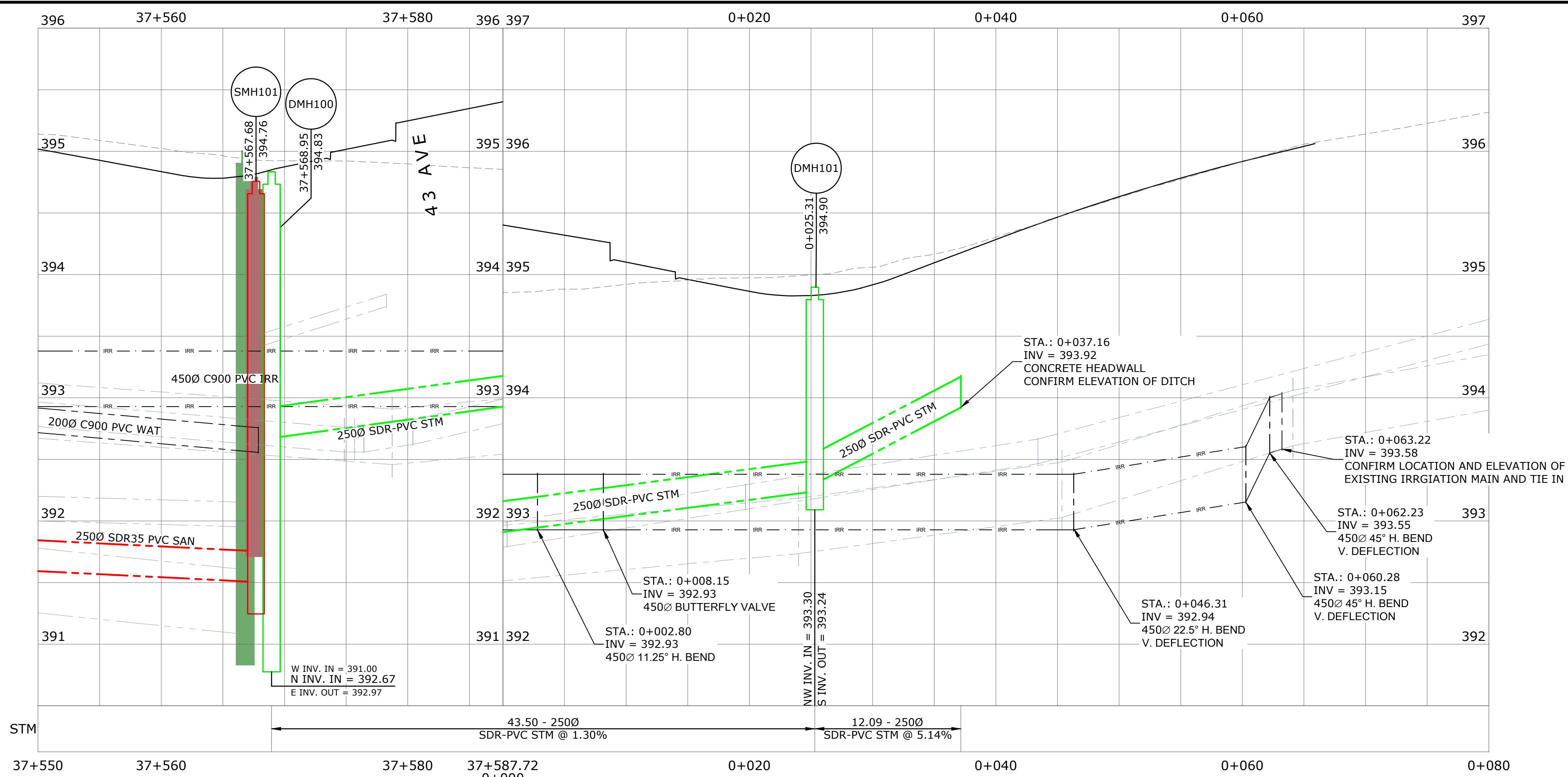
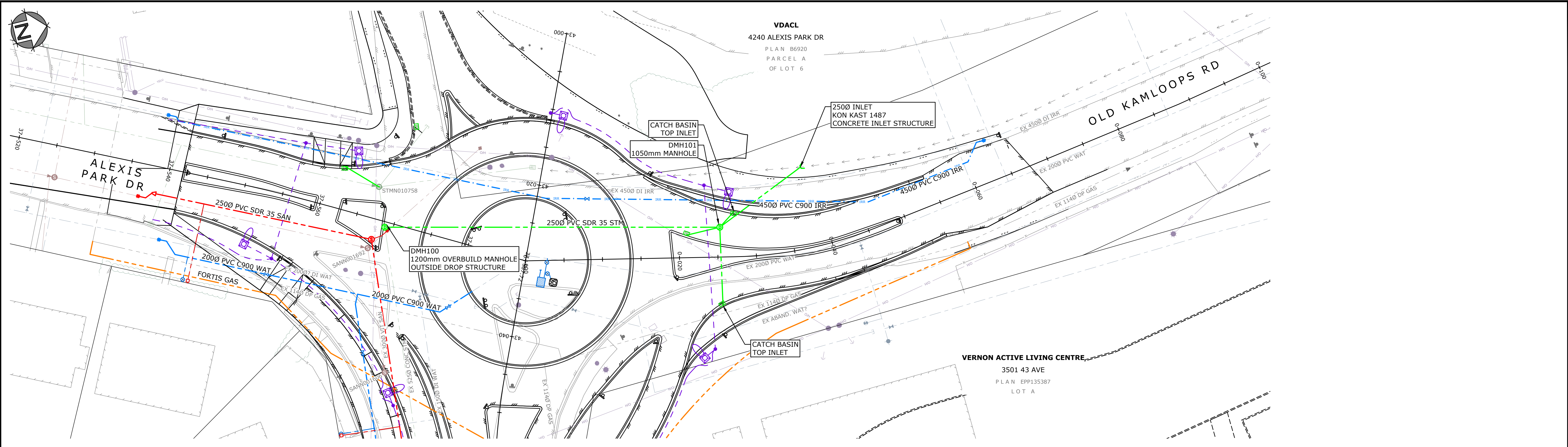


CITY OF VERNON & RDNO		Project No. 3027.03
ALEXIS PARK DR & 43 AVE ROUNDABOUT		Client File No. 25-48-INF
ROADWORKS PLAN & PROFILE - 4240 ALEXIS PARK		Sheet No. DR 10 OF 21
ACCESS AND SLOPE		Drawing No. C204
		Rev. A

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IMAGES: C-5.GIF C-5L.GIF C-5R.GIF
FILE: 2:\mead\projects\3027\03 - plan2 - apdf & mup roundabout at 43rd ave\Drawings\Sheets\3027\03-plans (phase 2).dwg

ISSUED FOR RFP

USER: caseyp
CTB: mscac-pantolour.ctb
LAYOUT: C301
PLOTED: 2025-07-14 - 3:51 PM
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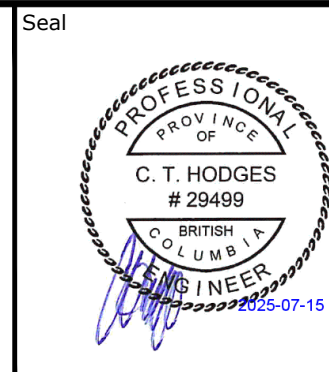
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	- EDGE OF ASPHALT		- GUY WIRE
	- EDGE OF GRAVEL		- INSPECTION CHAMBER
	- FENCING		- REDUCER
	- BUILDING		- SANITARY MANHOLE
	- TOP OF BANK		- COUPLER
	- BOTTOM OF BANK		- POLE w/ TRANSFORMER
	- DITCH		- HYDRO/TEL POLE
	- TREELINE		- POLE w/ TRANSFORMER
	- SANITARY MANHOLE		- HYDRO/TEL POLE
	- STORM DRAIN		- POLE w/ TRANSFORMER
	- WATER		- HYDRO/TEL POLE
	- GAS		- POLE w/ TRANSFORMER
	- HYDRO/TEL		- POLE w/ TRANSFORMER

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Vernon, BC, V1T 9X2

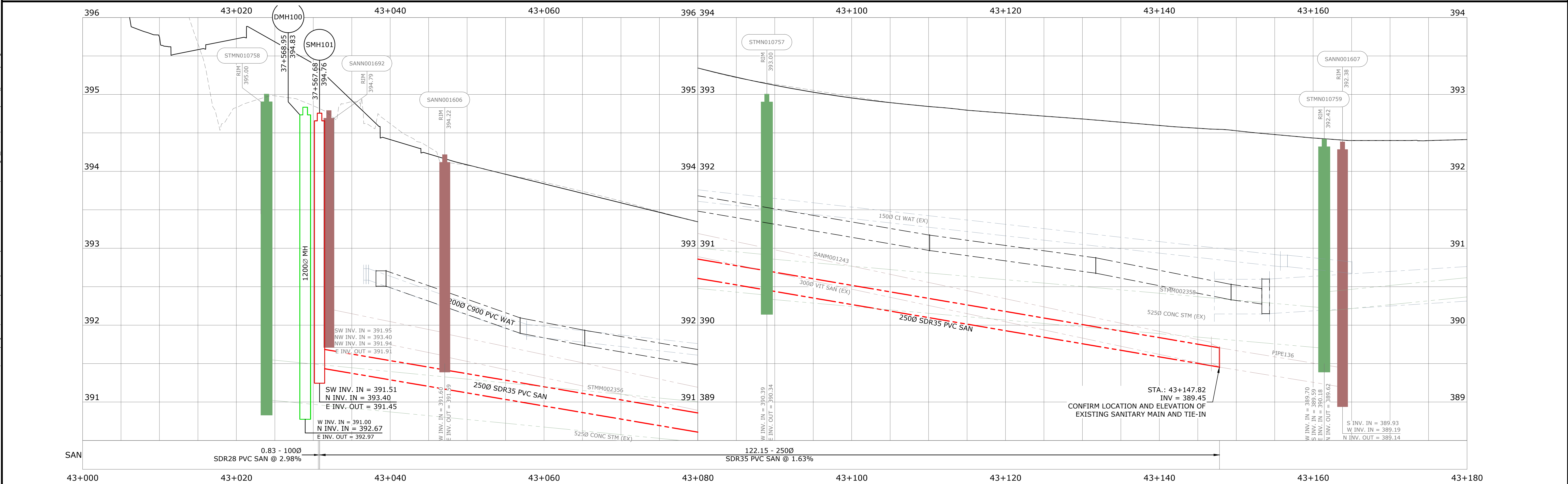
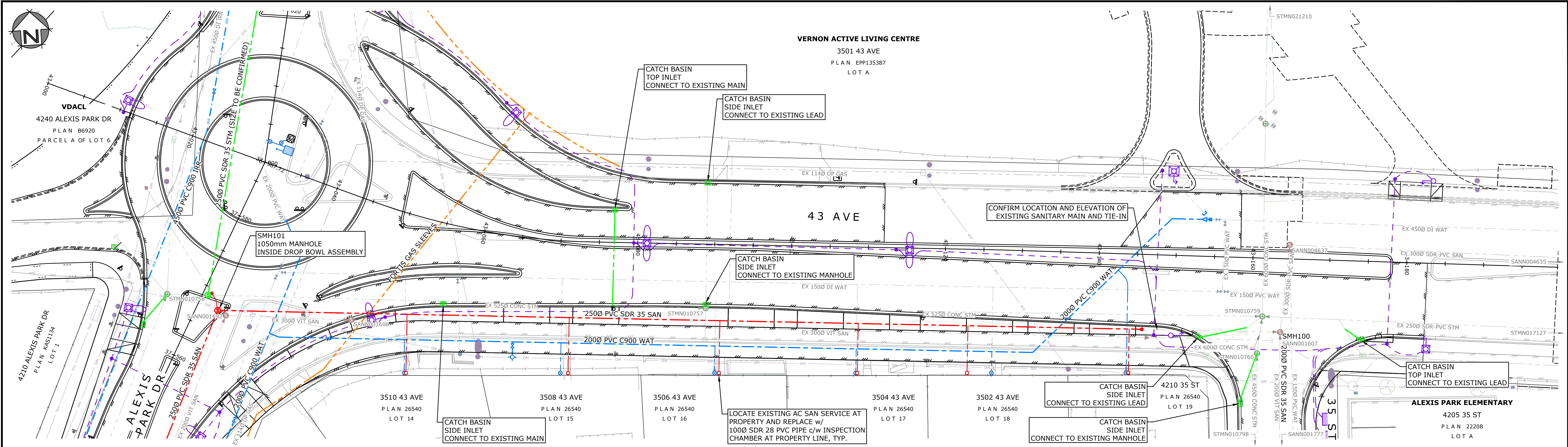
Ph: (250) 503-1023
Fax: (250) 503-1024



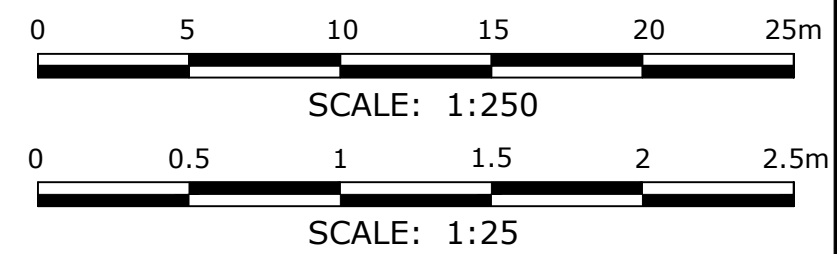
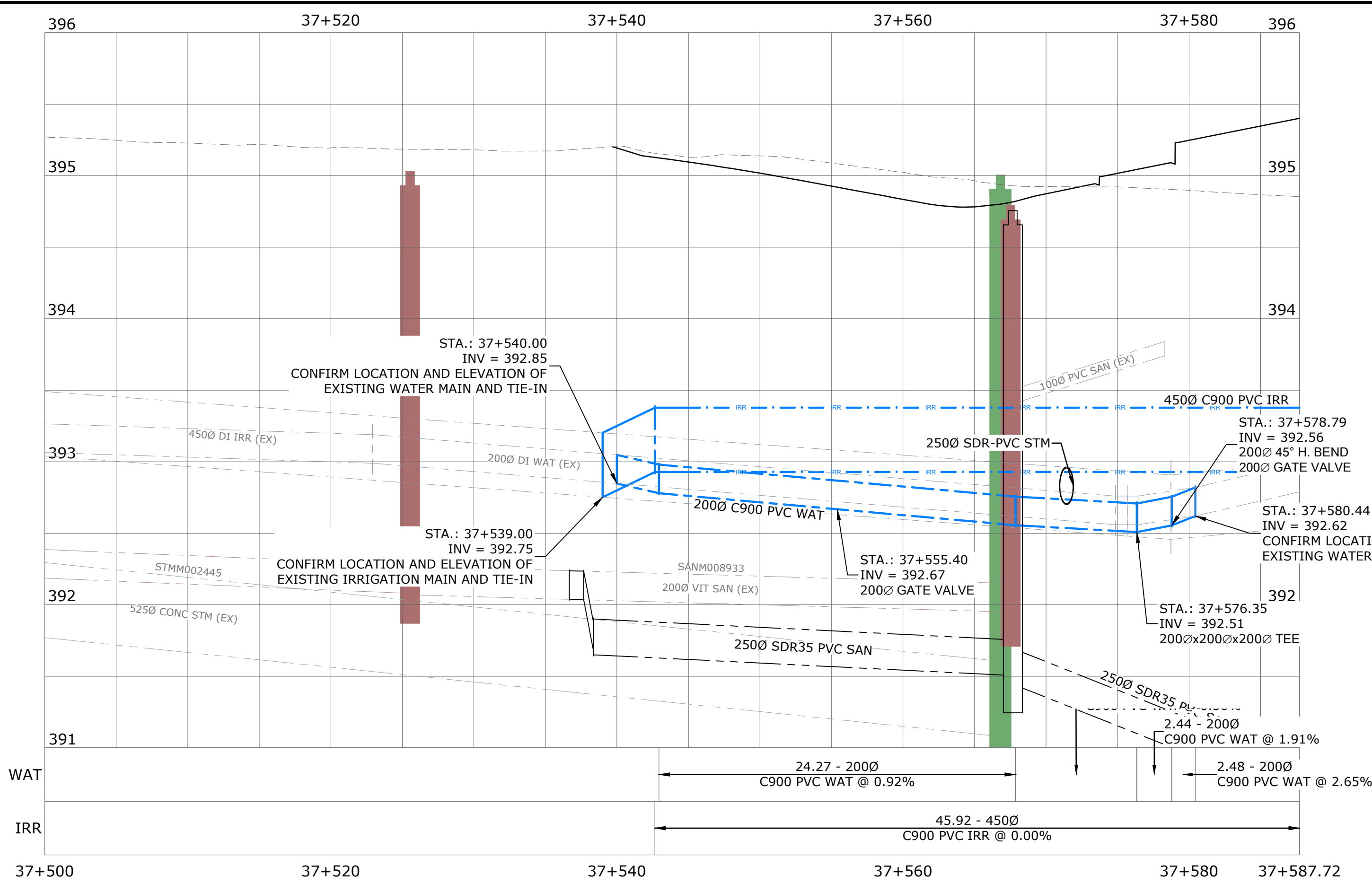
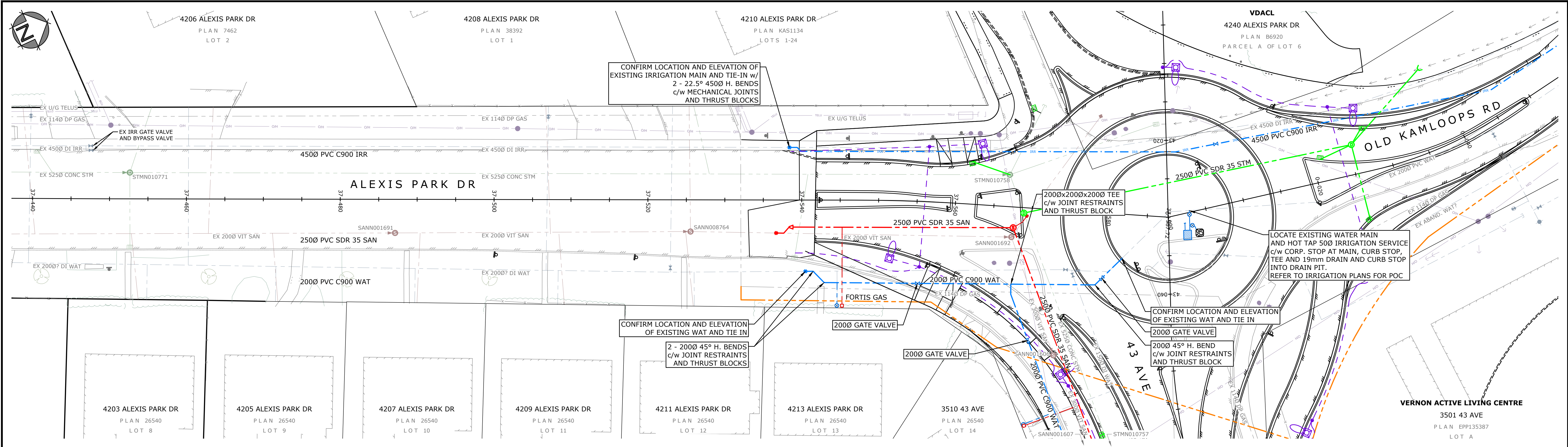
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Drawn: CFB
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CITY OF VERNON & RDNO		Project No.
ALEXIS PARK DR & 43 AVE ROUNDABOUT STORM PLAN & PROFILE OLD KAMLOOPS RD		3027.03
		Client File No. 25-48-INF
		Sheet No. 12 OF 21
Drawing No. C301	Rev. B	



USER: caseyp CTB: mscac-pantolcolour.ctb LAYOUT: C302 PLOTTED: 2025-07-14 - 3:51 PM				LEGEND: (EXISTING SYMBOLS SHOWN GREY/SOLID) - EDGE OF ASPHALT - EDGE OF GRAVEL - FENCING - BUILDING - TOP OF BANK - BOTTOM OF BANK - DITCH - TREELINE - SANITARY - STORM DRAIN - WATER - GAS - HYDRO/TEL - GUY WIRE - ANCHOR POLE - HYDRO/TEL POLE - POLE W/ TRANSFORMER - SHAW CABLE TUB/VAULT - JUNCTION BOX - SERVICE BOX - KIOSK - LOW POWER TRANSFORMER - TRAFFIC SIGNAL - STREET LIGHT - CAP - INSPECTION CHAMBER - SANITARY MANHOLE - DRAINAGE MANHOLE - DRY WELL - CATCH BASIN MANHOLE - CATCH BASIN - DRAINAGE INVERT - HEADWALL - AIR VALVE - WATER VALVE - CURB STOP - FIRE HYDRANT - BLOW-OFF - REDUCER - COUPLER - PROPERTY PIN - HUB - MONUMENT - BOREHOLE - SIGN - TREE				EGBC PERMIT TO PRACTICE No. 1001446 MONAGHAN ENGINEERING & CONSULTING LTD. 3710B 28th Street, Vernon, BC, V1T 9X2 Ph: (250) 503-1023 Fax: (250) 503-1024		Seal PROFESSIONAL C. T. HODGES # 29499 BRITISH COLUMBIA ENGINEER 2025-07-15		Scale 1:250 1:25 Date MAR 2025 Designed CH/CFB Drawn CFB Checked CH		CITY OF VERNON & RDNO ALEXIS PARK DR & 43 AVE ROUNDABOUT SANITARY PLAN & PROFILE 43 AVE		Project No. 3027.03 Client File No. 25-48-INF Sheet No. 13 OF 21 Drawing No. C302 Rev. B	
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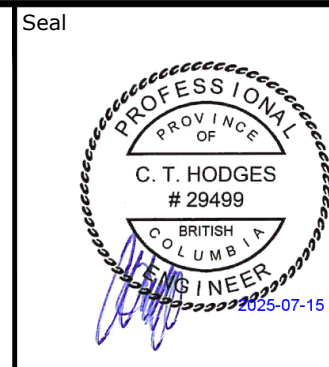


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FILE: 23mead projects\3027\03 - plan2 - apdf & mup roundabout at 43rd ave\Drawings\ Sheets\3027\03-plans (phase 2).dwg

Rev. Date By Description

LEGEND: (EXISTING SYMBOLS SHOWN GREY/SOLID)	
	- EDGE OF ASPHALT
	- EDGE OF GRAVEL
	- FENCING
	- BUILDING
	- TOP OF BANK
	- BOTTOM OF BANK
	- DITCH
	- TREELINE
	- SANITARY STORM DRAIN
	- WATER
	- GAS
	- HYDRO/TEL
	- GUY WIRE
	- ANCHOR POLE
	- HYDRO/TEL POLE
	- POLE W/ TRANSFORMER
	- SHAW CABLE TUB/VAULT
	- JUNCTION BOX
	- SERVICE BOX
	- KIOSK
	- LOW POWER TRANSFORMER
	- TRAFFIC SIGNAL
	- STREET LIGHT
	- CAP
	- INSPECTION CHAMBER
	- SANITARY MANHOLE
	- DRY WELL
	- CATCHBASIN MANHOLE
	- CATCHBASIN
	- DRAINAGE INVERT
	- HEADWALL
	- AIR VALVE
	- WATER VALVE
	- CURB STOP
	- FIRE HYDRANT
	- BLOW-OFF
	- REDUCER
	- COUPLER
	- PROPERTY PIN
	- HUB
	- MONUMENT
	- BOREHOLE
	- SIGN
	- TREE

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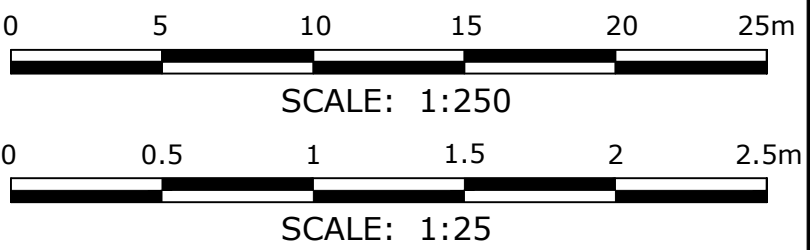
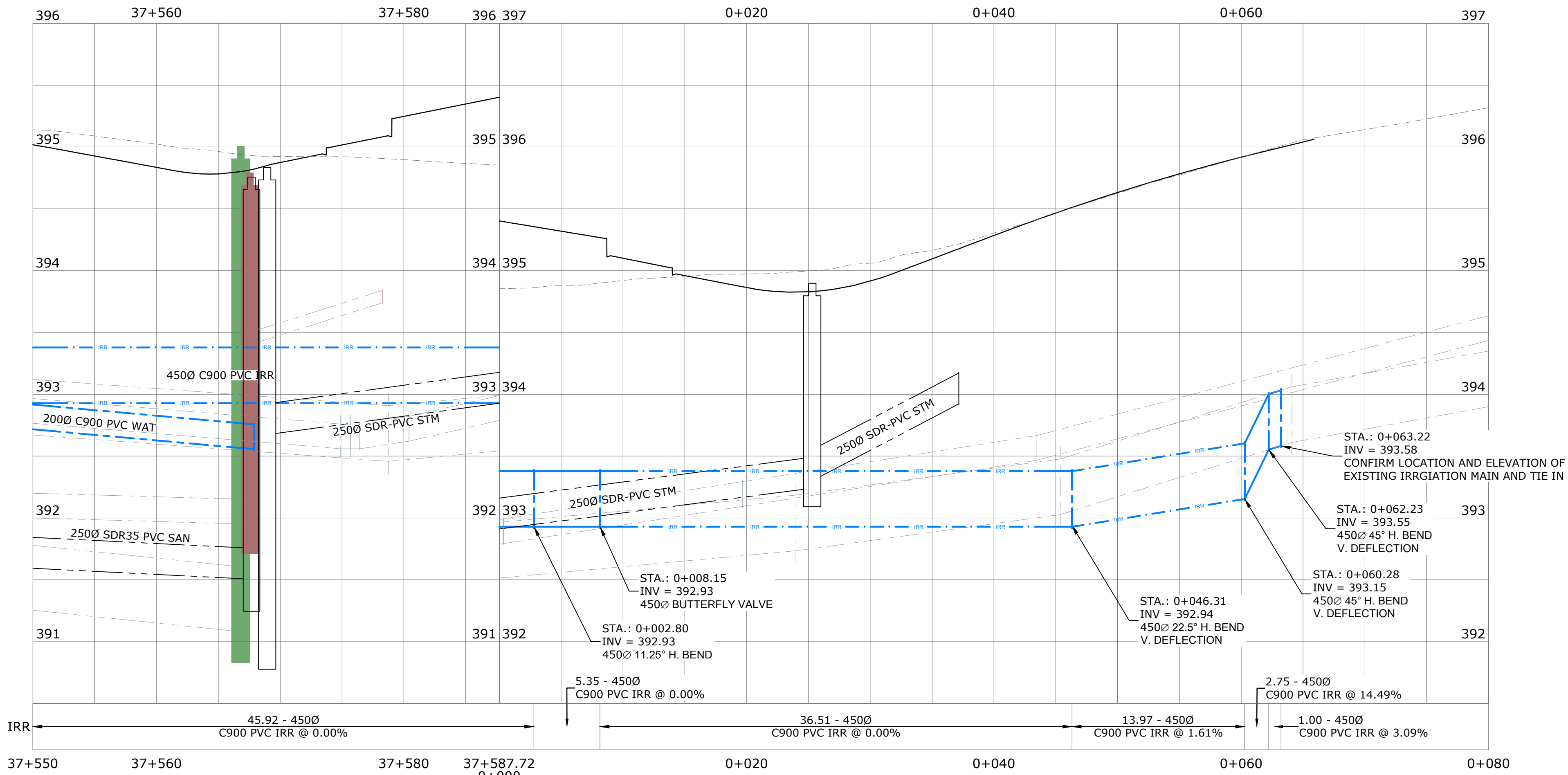
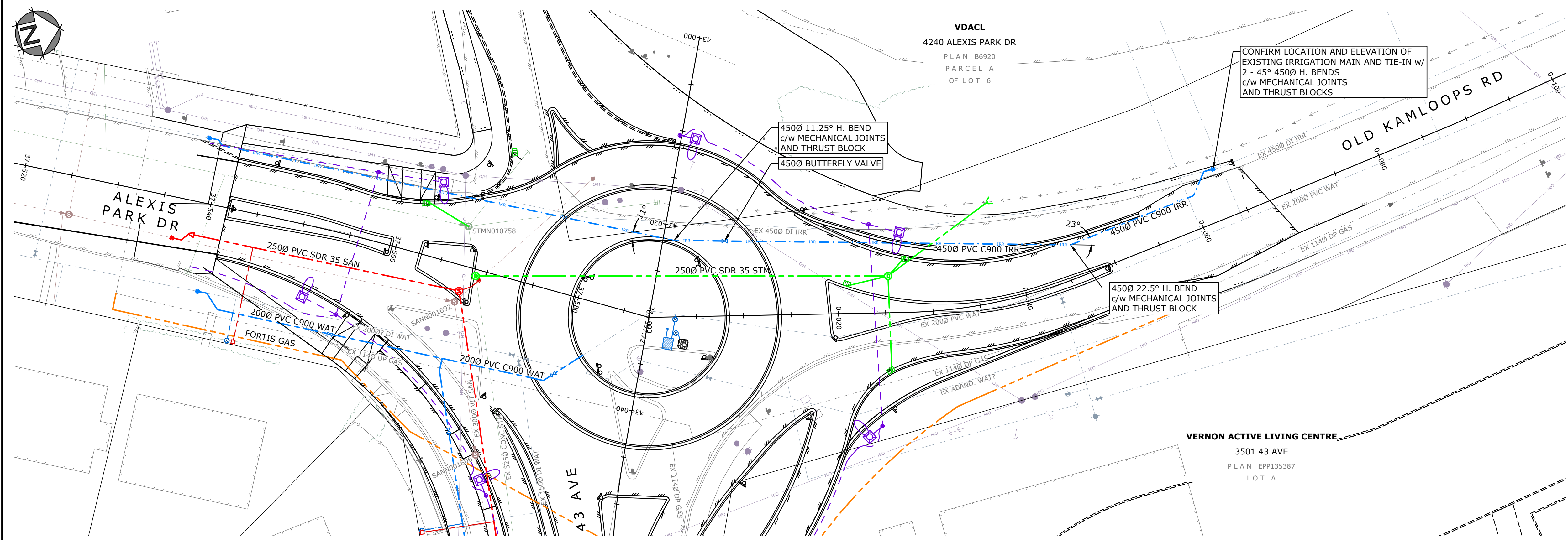


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Date MAR 2025
Designed CH/CFB
Drawn CFB
Checked CH



CITY OF VERNON & RDNO
ALEXIS PARK DR & 43 AVE ROUNDABOUT
WATER & IRRIGATION SUPPLY PLAN & PROFILE
ALEXIS PARK DR

Project No. 3027.03
Client File No. 25-48-INF
Sheet No. 14 OF 21
Drawing No. C400 Rev. A



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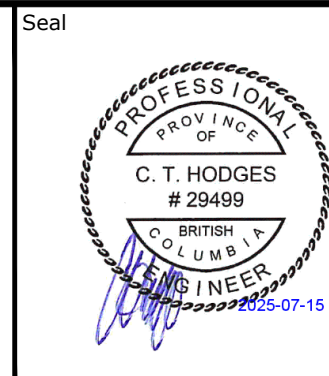
Rev.	Date	By	Description
A	2025-JUL-14	CFB	ISSUED FOR RFP

LEGEND:	(EXISTING SYMBOLS SHOWN GREY/SOLID)
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	- EDGE OF GRAVEL
	- FENCING
	- BUILDING
	- TOP OF BANK
	- BOTTOM OF BANK
	- DITCH
	- TREE LINE
	- SANITARY STORM DRAIN
	- WATER
	- GAS
	- HYDRO/TEL
	- GUY WIRE
	- ANCHOR POLE
	- HYDRO/TEL POLE
	- POLE w/ TRANSFORMER
	- HYDRO TUB/VAULT
	- TEL TUB/VAULT
	- SHAW CABLE TUB/VAULT
	- JUNCTION BOX
	- SERVICE BOX
	- KIOSK
	- LOW POWER TRANSFORMER
	- TRAFFIC SIGNAL
	- STREET LIGHT
	- CAP
	- INSPECTION CHAMBER
	- SANITARY MANHOLE
	- DRAINAGE MANHOLE
	- DRY WELL
	- CATCH BASIN MANHOLE
	- CATCH BASIN
	- DRAINAGE INVERT
	- HEADWALL
	- AIR VALVE
	- WATER VALVE
	- CURB STOP
	- FIRE HYDRANT
	- BLOW-OFF
	- REDUCER
	- COUPLER
	- PROPERTY PIN
	- HUB
	- MONUMENT
	- BOREHOLE
	- SIGN
	- TREE

EGBC PERMIT TO PRACTICE No. 1001446



3710B 28th Street,
Vernon, BC, V1T 9X2
Ph: (250) 503-1023
Fax: (250) 503-1024

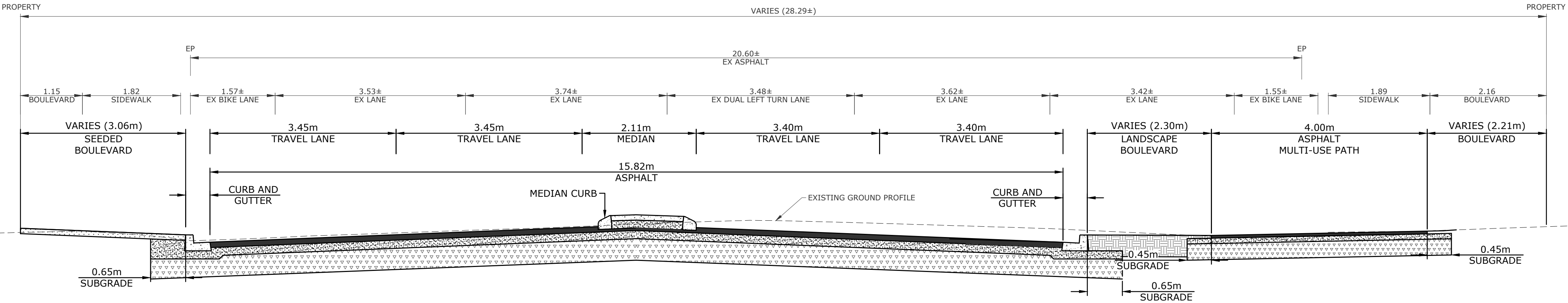
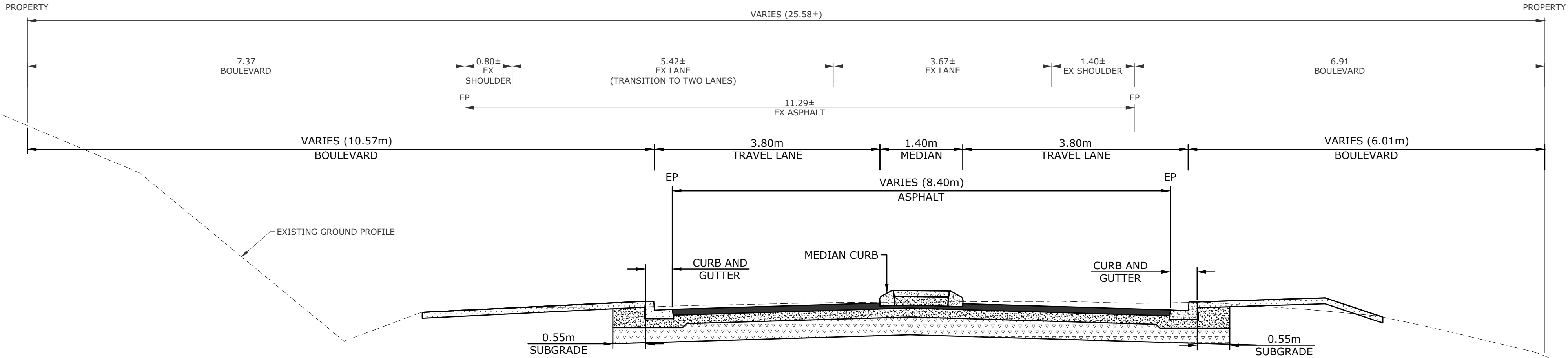
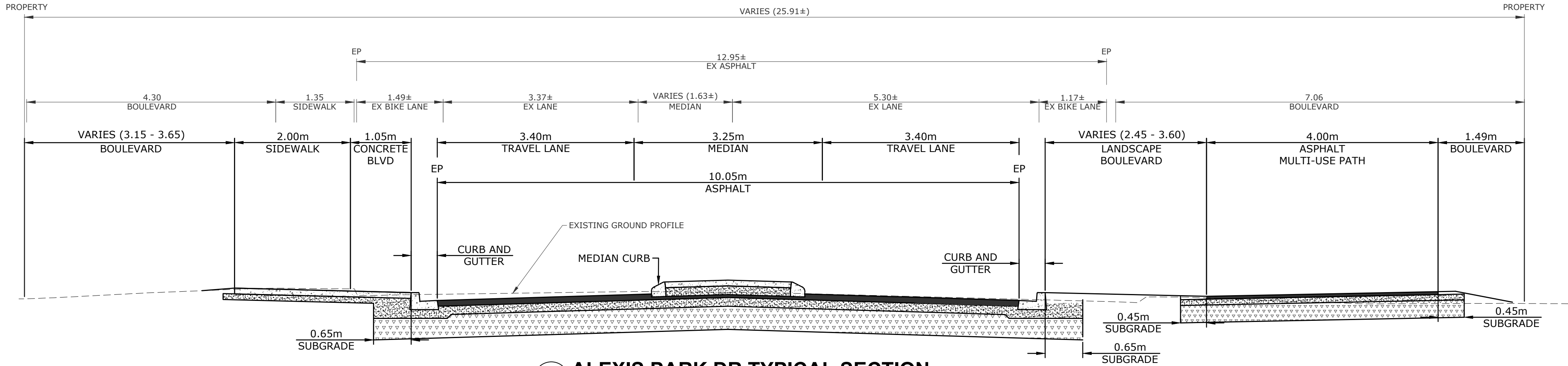


Scale	1:250
Date	MAR 2025
Designed	CH/CFB
Drawn	CFB
Checked	CH



CITY OF VERNON & RDNO		Project No.	3027.03
ALEXIS PARK DR & 43 AVE ROUNDABOUT		Client File No.	25-48-INF
WATER & IRRIGATION SUPPLY PLAN & PROFILE		Sheet No.	15 OF 21
OLD KAMLOOPS RD		Drawing No.	C401
		Rev.	A

USER: caseyp
CTB: mscd-fulblack.ctb
LAYOUT: C500
XREFS: 3027-CADL.dwg 3027-VALC Onsite.dwg 3027-LEGL-E.dwg 3027-03-PLNM-N.dwg 3027-03-PLNM-E.dwg 3027-03-PLNM-N.dwg 3027-02-PLNM-N.dwg 3027-04-PLNM-N.dwg
IMAGES: C-5.GIF C-5L.GIF C-5R.GIF
FILE: 2:\mead\projects\3027\03 - rdz - apdf & mup\roundabout at 43rd ave\Drawings\ Sheets\3027\03-plans (phase 2).dwg



ROAD STRUCTURES

ALEXIS PARK DRIVE, 43 AVENUE

- 100mm SURFACE COURSE ASPHALT (2 LIFTS)
- 150mm BASE COURSE
- 400mm SUBBASE COURSE
- APPROVED SUBGRADE

OLD KAMLOOPS ROAD, 35 STREET

- 100mm SURFACE COURSE ASPHALT (2 LIFTS)
- 150mm BASE COURSE
- 300mm SUBBASE COURSE
- APPROVED SUBGRADE

CIRCULATORY ROADWAY

- 50mm SURFACE COURSE ASPHALT (POLYMER MODIFIED BINDER)
- 50mm SURFACE COURSE ASPHALT
- 150mm BASE COURSE
- 400mm SUBBASE COURSE
- APPROVED SUBGRADE

CONCRETE APRON

- 200mm REINFORCED CONCRETE
- 150mm BASE COURSE
- 300mm SUBBASE COURSE
- APPROVED SUBGRADE

MULTI-USE PATH

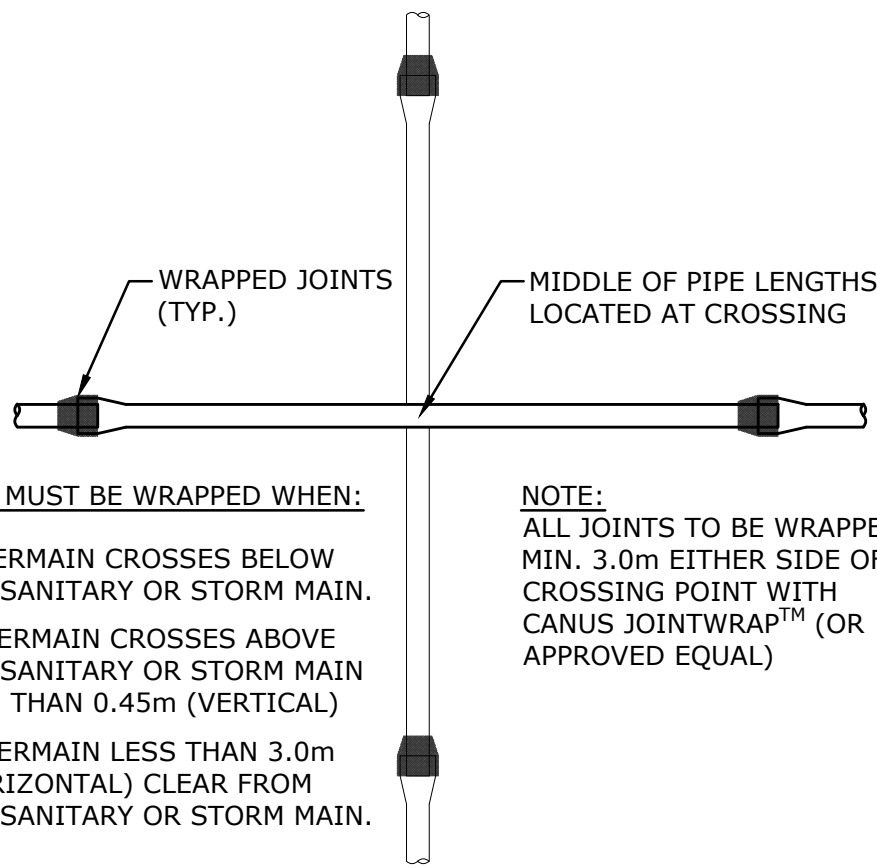
- 50mm ASPHALT (1 LIFT)
- 100mm BASE COURSE
- 300mm SUBBASE COURSE
- TENSAR BX 1200

SIDEWALK

- 100mm THICK CONCRETE
- 100mm BASE COURSE
- 300mm SUBBASE COURSE (OPTIONAL WORK)

ISSUED FOR RFP

USER: caseyb
CTB: mscd-fulblack.ctb
LAYOUT: C501
PLOTTED: 2025-07-15 - 12:14 PM
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IMAGES: C-5.GIF C-5L.GIF C-5R.GIF
FILE: Z:\mead projects\3027-03 - p12 - apdr & mup roundabout at 43rd ave\Drawings\ sheets\3027-03-plans (phase 2).dwg



JOINTS MUST BE WRAPPED WHEN:

1. WATERMAIN CROSSES BELOW ANY SANITARY OR STORM MAIN.
2. WATERMAIN CROSSES ABOVE ANY SANITARY OR STORM MAIN LESS THAN 0.45m (VERTICAL)
3. WATERMAIN LESS THAN 3.0m (HORIZONTAL) CLEAR FROM ANY SANITARY OR STORM MAIN.

NOTE:
ALL JOINTS TO BE WRAPPED MIN. 3.0m EITHER SIDE OF CROSSING POINT WITH CANUS JOINTWRAP™ (OR APPROVED EQUAL)

WATER MAIN CROSSINGS AND SEPARATION
SCALE: N.T.S.

LEGEND: (EXISTING SYMBOLS SHOWN GREY/SOLID)			
	- EDGE OF ASPHALT		- GUY WIRE
	- EDGE OF GRAVEL		- ANCHOR POLE
	- FENCELINE		- HYDRO/TEL POLE
	- BUILDING		- POLE w/ TRANSFORMER
	- TOP OF BANK		- HYDRO TUB/VAULT
	- BOTTOM OF BANK		- TEL TUB/VAULT
	- DITCH		- SHAW CABLE TUB/VAULT
	- TREELINE		- JUNCTION BOX
	- SANITARY		- SERVICE BOX
	- STORM DRAIN		- KIOSK
	- WATER		- LOW POWER TRANSFORMER
	- GAS		- TRAFFIC SIGNAL
	- HYDRO/TEL		- STREET LIGHT

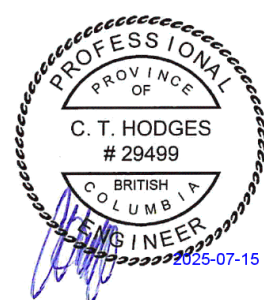
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EGBC PERMIT TO PRACTICE No. 1001446



3710B 28th Street, Vernon, BC, V1T 9X2
Ph: (250) 503-1023 Fax: (250) 503-1024

Seal



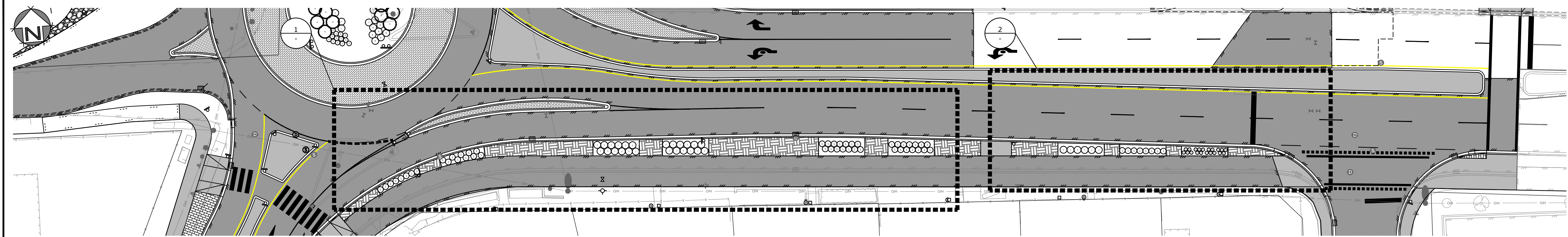
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Date	MAR 2025
Designed	CH/CFB
Drawn	CFB
Checked	CH



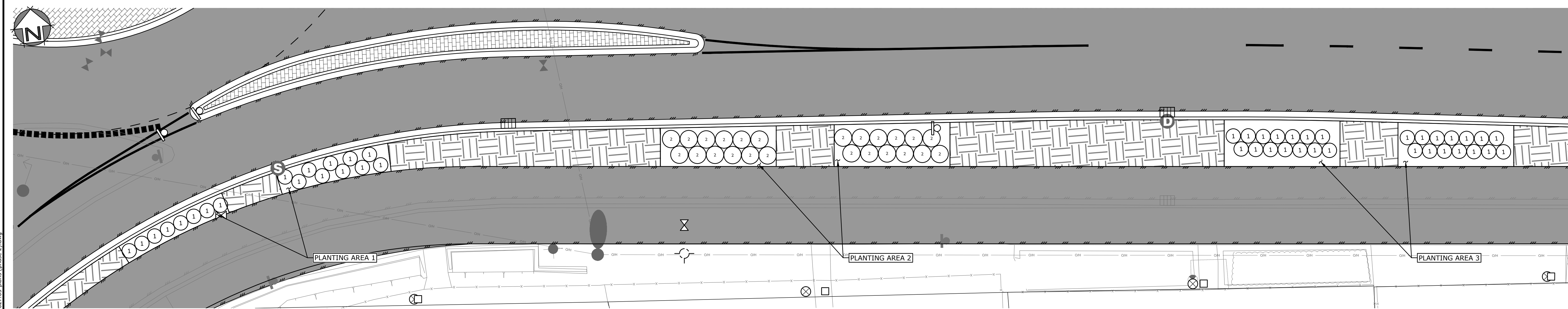
CITY OF VERNON & RDNO
ALEXIS PARK DR & 43 AVE ROUNDABOUT
DETAILS
-

Project No.	3027.03
Client File No.	25-48-INF
Sheet No.	18 OF 21
Drawing No.	C501
Rev.	A

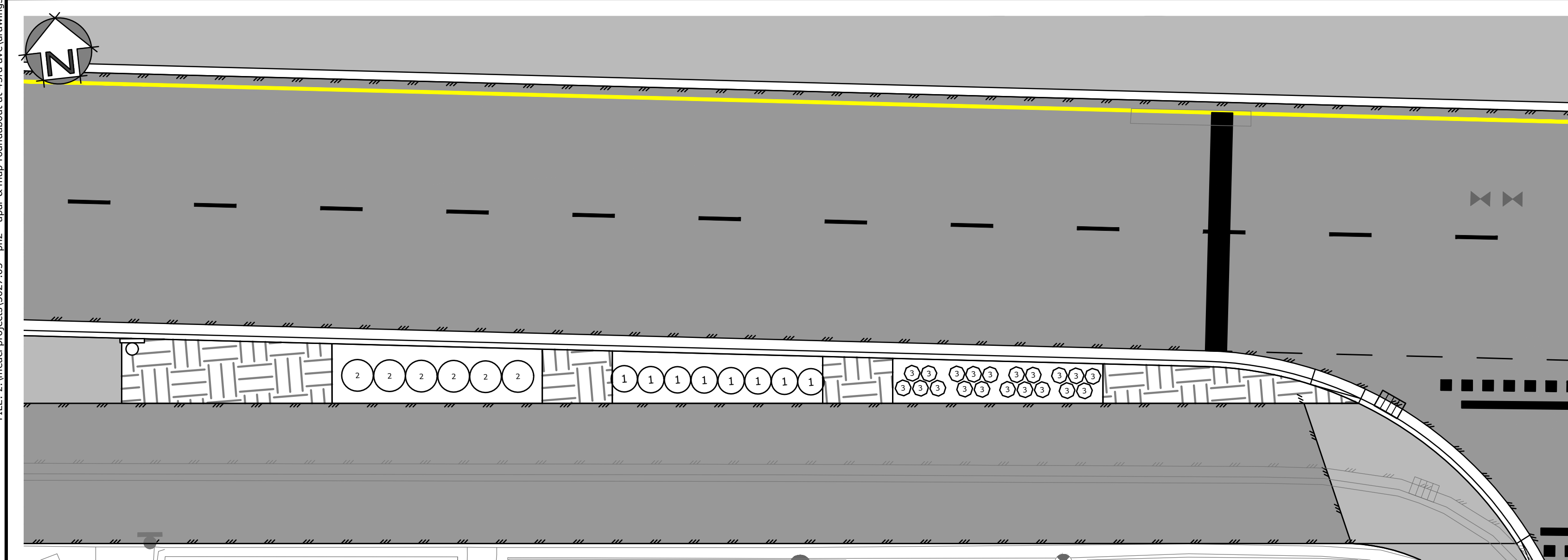
ISSUED FOR RFP



BOULEVARD PLANTING PLAN
SCALE: 1:250



PLANTING AREAS 1, 2 & 3
SCALE: 1:100



PLANTING AREA 4
SCALE: 1:100

PLANT LIST		
ORNAMENTAL GRASSES (1 GALLON)		
ID	NAME	QTY
1	PANICUM VIRGATUM 'ROTSTRAHLBUSCH' (RED SWITCH GRASS)	54
2	CALAMAGROSTIS ACUTIFLORA 'KARL FOERSTER' (FOERSTER'S FEATHER REED GRASS)	30
3	SESLERIA AUTUMNALIS (AUTUMN MOOR GRASS)	20

PLANTING NOTES

1. NOTIFY THE ENGINEER OF ANY SHALLOW UTILITY CONFLICTS IN ADVANCE OF IRRIGATION INSTALLATION OR PLANTINGS.
2. GROWING MEDIUM TO BE 450mm THICK FOR PLANTING AREAS.

LEGEND: (EXISTING SYMBOLS SHOWN GREY/SOLID)	
	- EDGE OF ASPHALT
	- EDGE OF GRAVEL
	- FENCE LINE
	- BUILDING
	- TOP OF BANK
	- BOTTOM OF BANK
	- DITCH
	- TREELINE
	- SANITARY
	- STORM DRAIN
	- WATER
	- GAS
	- HYDRO/TEL
	- GUY WIRE
	- ANCHOR POLE
	- HYDRO/TEL POLE
	- POLE W/ TRANSFORMER
	- HYDRO TUB/VAULT
	- TEL TUB/VAULT
	- CATCHBASIN MANHOLE
	- CATCHBASIN
	- DRAINAGE INVERT
	- HEADWALL
	- AIR VALVE
	- WATER VALVE
	- CURB STOP
	- TRAFFIC SIGNAL
	- STREET LIGHT
	- CAP
	- INSPECTION CHAMBER
	- SANITARY MANHOLE
	- DRY WELL
	- CATCHBASIN MANHOLE
	- CATCHBASIN
	- DRAINAGE INVERT
	- HEADWALL
	- AIR VALVE
	- WATER VALVE
	- CURB STOP
	- TRAFFIC SIGNAL
	- STREET LIGHT
	- BLOW-OFF
	- REDUCER
	- COUPLER
	- PROPERTY PIN
	- HUB
	- MONUMENT
	- BOREHOLE
	- SIGN
	- TREE

EGBC PERMIT TO PRACTICE No. 1001446

MONAGHAN
ENGINEERING & CONSULTING LTD.

3710B 28th Street, Vernon, BC, V1T 9X2 Ph: (250) 503-1023 Fax: (250) 503-1024

Seal

PROFESSIONAL
ENGINEER
C. T. HODGES
29499
BRITISH COLUMBIA
2025-07-15

Scale	AS NOTED
Date	MAR 2025
Designed	CH/CFB
Drawn	CFB
Checked	CH



CITY OF VERNON & RDNO

ALEXIS PARK DR & 43 AVE ROUNDABOUT

PLANTING PLAN

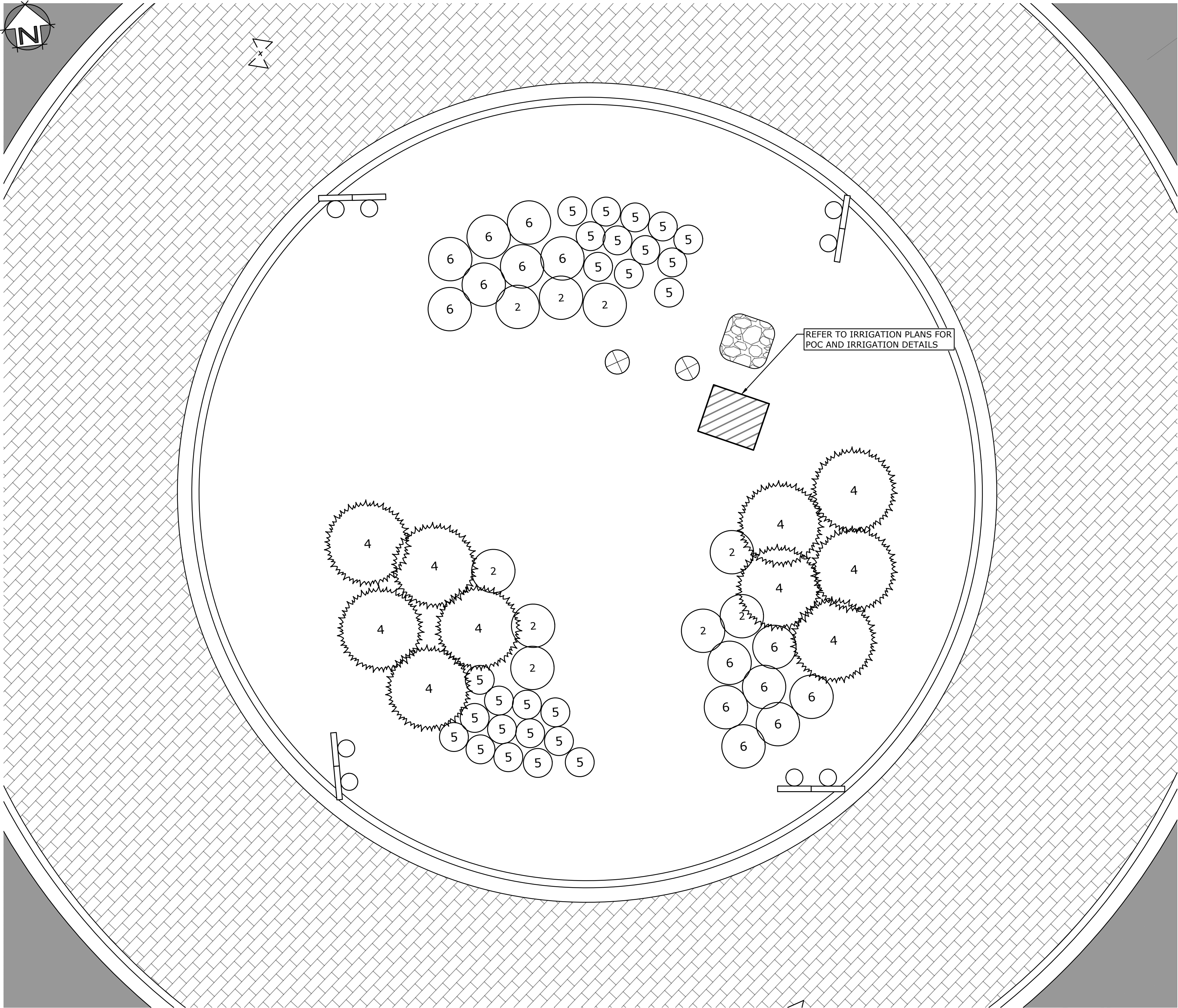
BOULEVARD

Project No.	3027.03
Client File No.	25-48-INF
Sheet No.	19 OF 21
Drawing No.	C502
Rev.	A

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ISSUED FOR RFP

USER: caseyp
CTB: mscd-fulblack.ctb
LAYOUT: C503
PLOTTED: 2025-07-14 - 3:05 PM
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ROUNABOUT ISLAND PLANTING PLAN
SCALE: 1:250

PLANT LIST		
SHRUBS (2 GALLON)		
ID	NAME	QTY
4	JUNIPERUS HORIZONTALIS 'WILTONII' (BLUE RUG 'WILTONII' JUNIPER)	10
5	SALVIA NEMOROSA 'CARADONNA' (CARADONNA SALVIA)	25
6	YUCCA CLAUCA (SOAPWEED)	14
GRASSES (1 GALLON)		
2	CALAMAGROSTIS ACUTIFLORA 'KARL FOERSTER' (FOERSTER'S FEATHER REED GRASS)	9

ISSUED FOR RFP

Rev.	Date	By	Description
A	2025-JUL-14	CFB	ISSUED FOR RFP

LEGEND: (EXISTING SYMBOLS SHOWN GREY/SOLID)	
	- EDGE OF ASPHALT
	- EDGE OF GRAVEL
	- FENCELINE
	- BUILDING
	- TOP OF BANK
	- BOTTOM OF BANK
	- DITCH
	- TREELINE
	- SANITARY
	- STORM DRAIN
	- WATER
	- GAS
	- HYDRO/TEL
	- GUY WIRE
	- ANCHOR POLE
	- HYDRO/TEL POLE
	- POLE W/ TRANSFORMER
	- HYDRO TUB/VAULT
	- TEL TUB/VAULT
	- SHAW CABLE TUB/VAULT
	- JUNCTION BOX
	- SERVICE BOX
	- KIOSK
	- LOW POWER TRANSFORMER
	- TRAFFIC SIGNAL
	- STREET LIGHT
	- CAP
	- INSPECTION CHAMBER
	- SANITARY MANHOLE
	- DRY WELL
	- CATCHBASIN MANHOLE
	- CATCHBASIN INVERT
	- HEADWALL
	- AIR VALVE
	- WATER VALVE
	- CURB STOP
	- FIRE HYDRANT
	- BLOW-OFF
	- REDUCER
	- COUPLER
	- PROPERTY PIN
	- HUB
	- MONUMENT
	- BOREHOLE
	- SIGN
	- TREE

EGBC PERMIT TO PRACTICE No. 1001446

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Seal

PROFESSIONAL
ENGINEER
C. T. HODGES
29499
BRITISH COLUMBIA
2025-07-15

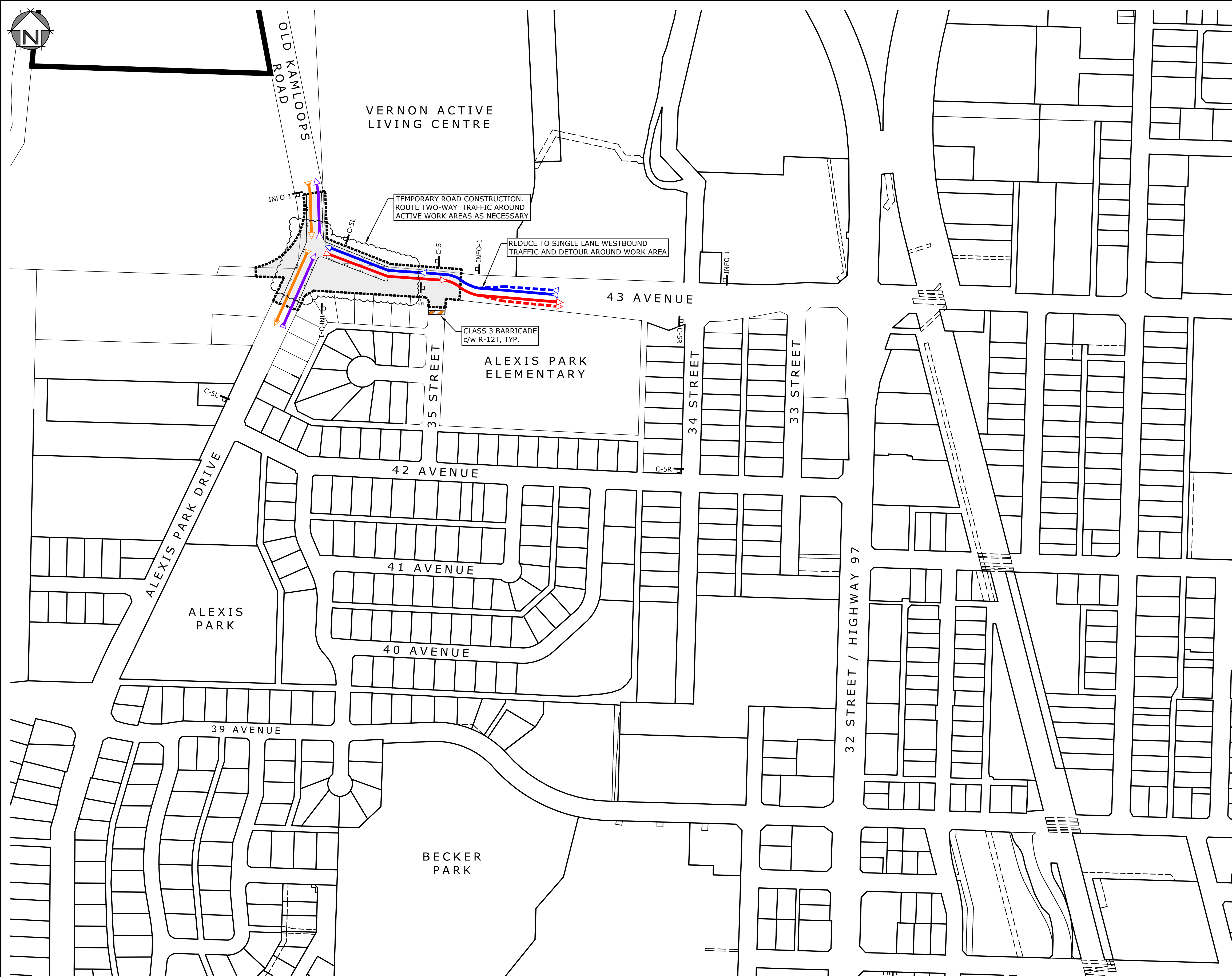
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Date	MAR 2025
Designed	CH/CFB
Drawn	CFB
Checked	CH

CITY OF VERNON

REGIONAL DISTRICT NORTH OKANAGAN

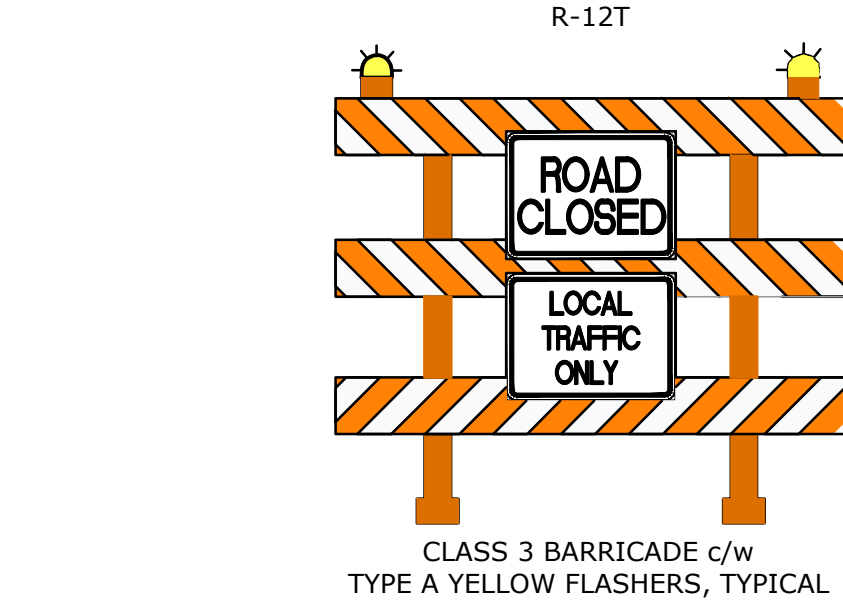
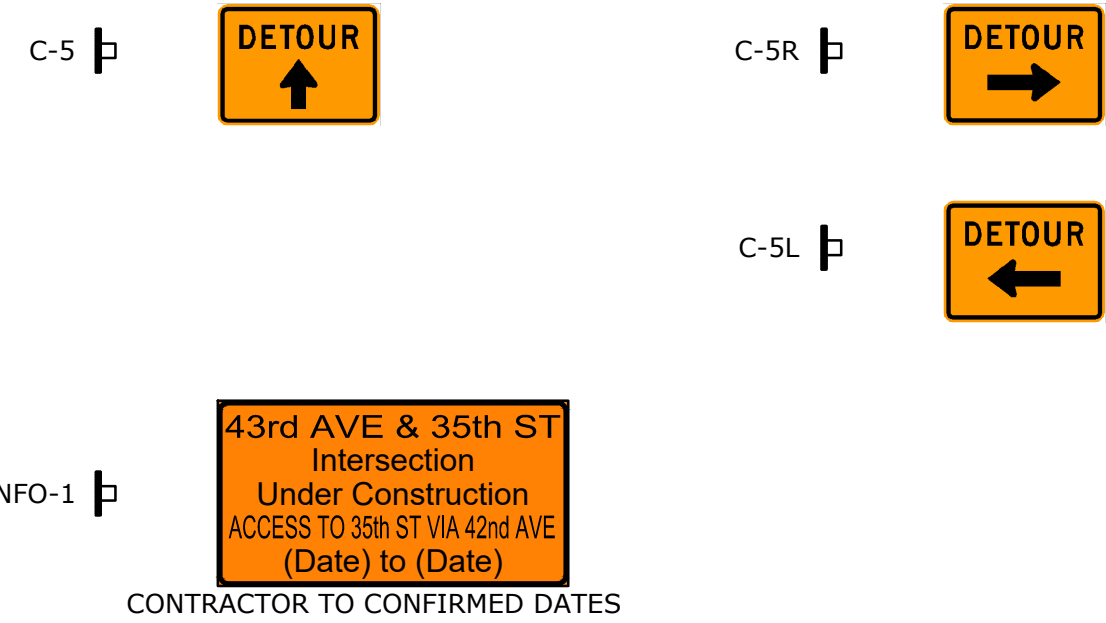
CITY OF VERNON & RDNO		Project No.
ALEXIS PARK DR & 43 AVE ROUNABOUT PLANTING PLAN ROUNABOUT ISLAND		3027.03
		Client File No. 25-48-INF
		Sheet No. 20 OF 21
Drawing No. C503	Rev. A	

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CTB: mscd-pantolour.ctb
LAYOUT: c600
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IMAGES: C-5.GIF C-5L.GIF C-5R.GIF
FILE: 2:\mead\projects\3027\03 - R12 - apdf & mup roundabout at 43rd ave.dwg (phase 2).dwg



- NOTES:
1. CONTRACTOR TO PROVIDE TEMPORARY TRAFFIC CONTROL IN ACCORDANCE WITH THIS DRAWING AND M.O.T. "TRAFFIC CONTROL MANUAL FOR WORK ON ROADWAYS." (LOCATIONS SHOWN ARE SCHEMATIC ONLY, FINAL LOCATION CONFIRMED IN FIELD).
 2. CONTRACTOR TO PROVIDE TEMPORARY TRAFFIC CONTROL SIGNAGE AND TRAFFIC CONTROL PERSON (TCP's) IN ACCORDANCE WITH THIS DRAWING AND M.O.T. "TRAFFIC CONTROL MANUAL FOR WORK ON ROADWAYS." FOR WORKS WITHIN CONSTRUCTION AREA.
 3. CONTRACTOR TO MAINTAIN ACCESS FOR LOCAL RESIDENTS AND BUSINESSES AT ALL TIMES.

- LEGEND:
- GENERAL TRAFFIC DETOUR ROUTE
 - CLASS 3 BARRICADE c/w R-12T, SEE DETAIL THIS SHEET
 - WORK ZONE



Rev.	Date	By	Description
A	2025-JUL-14	CFB	ISSUED FOR RFP

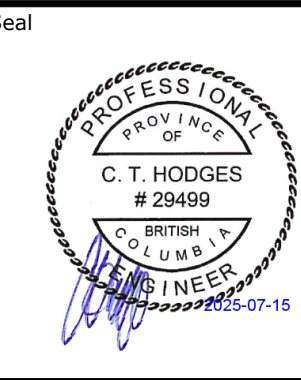
- LEGEND: (EXISTING SYMBOLS SHOWN GREY/SOLID)
- EDGE OF ASPHALT
 - EDGE OF GRAVEL
 - FENCING
 - BUILDING
 - TOP OF BANK
 - BOTTOM OF BANK
 - DITCH
 - TREELINE
 - SANITARY
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 - WATER
 - GAS
 - HYDRO/TEL
 - GUY WIRE
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 - CATCHBASIN
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 - BLOW-OFF
 - REDUCER
 - COUPLER
 - PROPERTY PIN
 - HUB
 - MONUMENT
 - BOREHOLE
 - SIGN
 - TREE

EGBC PERMIT TO PRACTICE No. 1001446

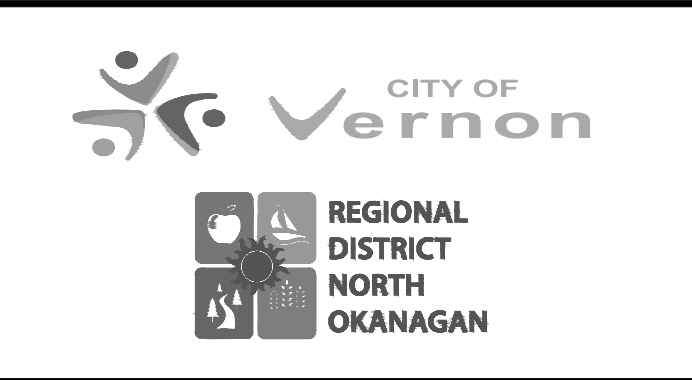
MONAGHAN
ENGINEERING & CONSULTING LTD.

3710B 28th Street,
Vernon, BC, V1T 9X2

Ph: (250) 503-1023
Fax: (250) 503-1024

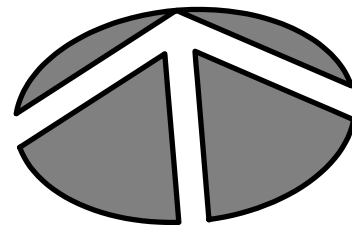


Scale	N.T.S.
Date	MAR 2025
Designed	CH/CFB
Drawn	CFB
Checked	CH



CITY OF VERNON & RDNO		Project No.	3027.03
ALEXIS PARK DR & 43 AVE ROUNDABOUT		Client File No.	25-48-INF
TRAFFIC MANAGEMENT REFERENCE		Sheet No.	21 OF 21
PLAN		Drawing No.	C600
		Rev.	A

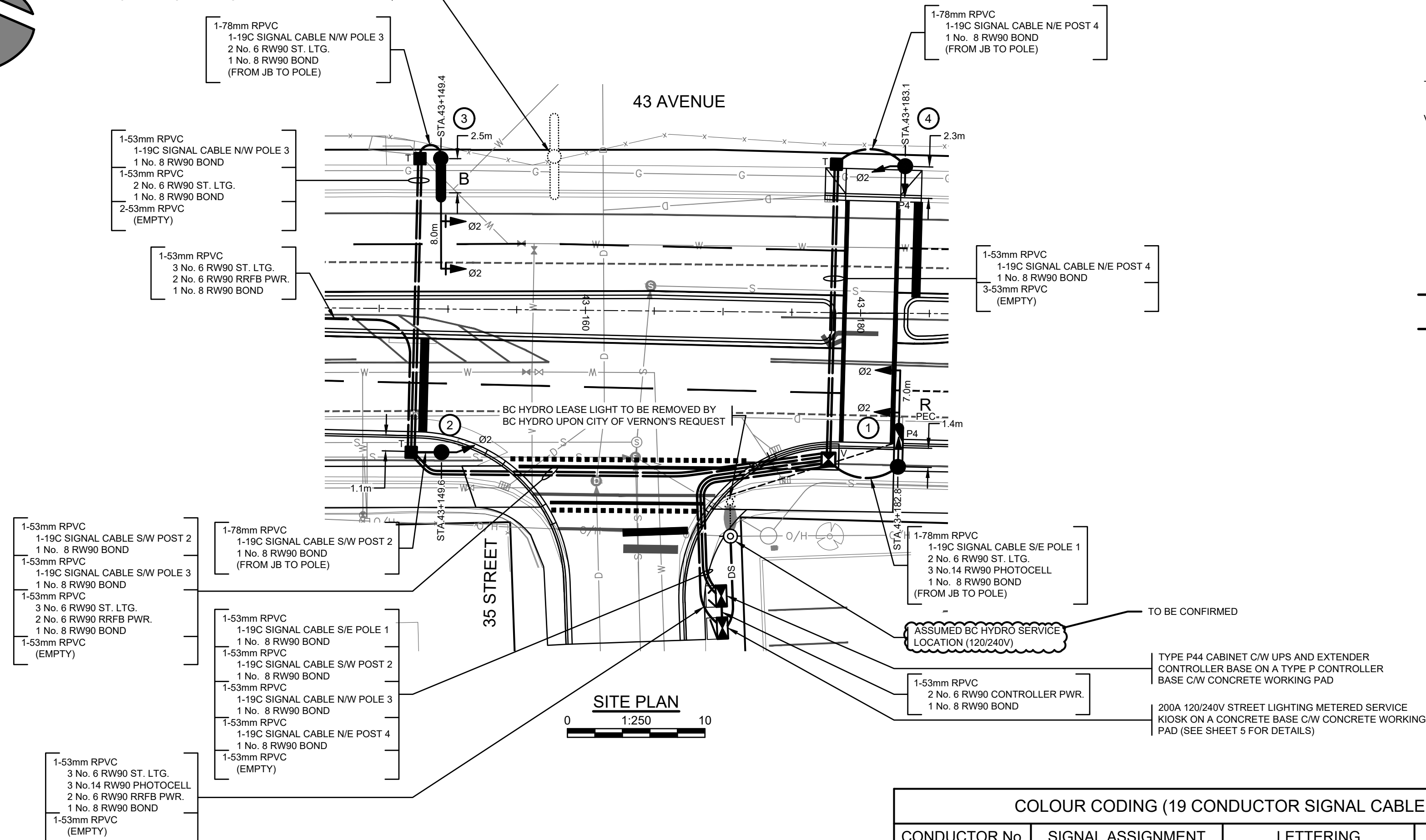
ISSUED FOR RFP



RELOCATE: EXIST. DOUBLE DAVIT STREETLIGHT POLE ONTO NEW TYPE C CONCRETE BASE AT STA. 43+115.3 DISCARD OLD BASE OFF-SITE.

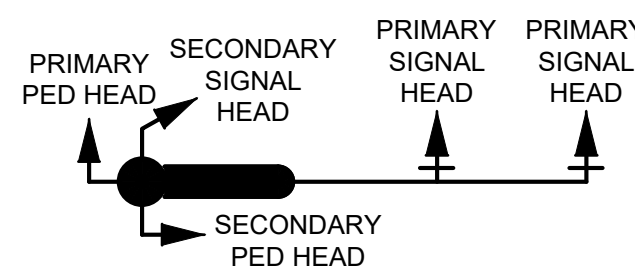
RECONNECT/MAINTAIN: EXISTING CONDUIT AND CONDUCTORS CONTINUITY AFTER CONCRETE BASE REMOVAL (IF NECESSARY).

NOTE: ELECTRICAL CONTRACTOR SHALL MEET ON-SITE TO DISCUSS CURRENT LOCATION OF POWER SOURCE FOR EXISTING STREETLIGHT.



COLOUR CODING (19 CONDUCTOR SIGNAL CABLE)			
CONDUCTOR No.	SIGNAL ASSIGNMENT	LETTERING	CONDUCTOR COLOUR
1	NEUTRAL	WHITE ONE	WHITE
2	PRIMARY PB RETURN	WHITE TWO	WHITE
3	PRIMARY PB	-	BLACK
4	SECONDARY PB	-	ORANGE
5	PRIMARY RED	RED ONE	RED
6	SECONDARY RED	RED TWO	RED
7	THIRD RED	RED THREE	RED
8	PRIMARY PED DW	RED FOUR	RED
9	SECONDARY PED DW	RED FIVE	RED
10	PRIMARY AMBER	AMBER ONE	YELLOW
11	SECONDARY AMBER	AMBER TWO	YELLOW
12	PRIMARY LT AMBER	AMBER THREE	YELLOW
13	SECONDARY LT AMBER	AMBER FOUR	YELLOW
14	SECONDARY PED WALK	AMBER FIVE	YELLOW
15	PRIMARY GREEN	GREEN ONE	BLUE
16	SECONDARY GREEN	GREEN TWO	BLUE
17	PRIMARY LT GREEN	GREEN THREE	BLUE
18	SECONDARY LT GREEN	GREEN FOUR	BLUE
19	PRIMARY PED WALK	GREEN FIVE	BLUE

LT = LEFT TURN SIGNAL
DW = DON'T WALK
PB = PEDESTRIAN PUSHBUTTON



EXISTING STREET LIGHTING SHALL REMAIN IN OPERATION THROUGHOUT CONSTRUCTION.

ALL EQUIPMENT IS NEW
EXCEPT WHERE NOTED

NOT FOR CONSTRUCTION
2025-07-14

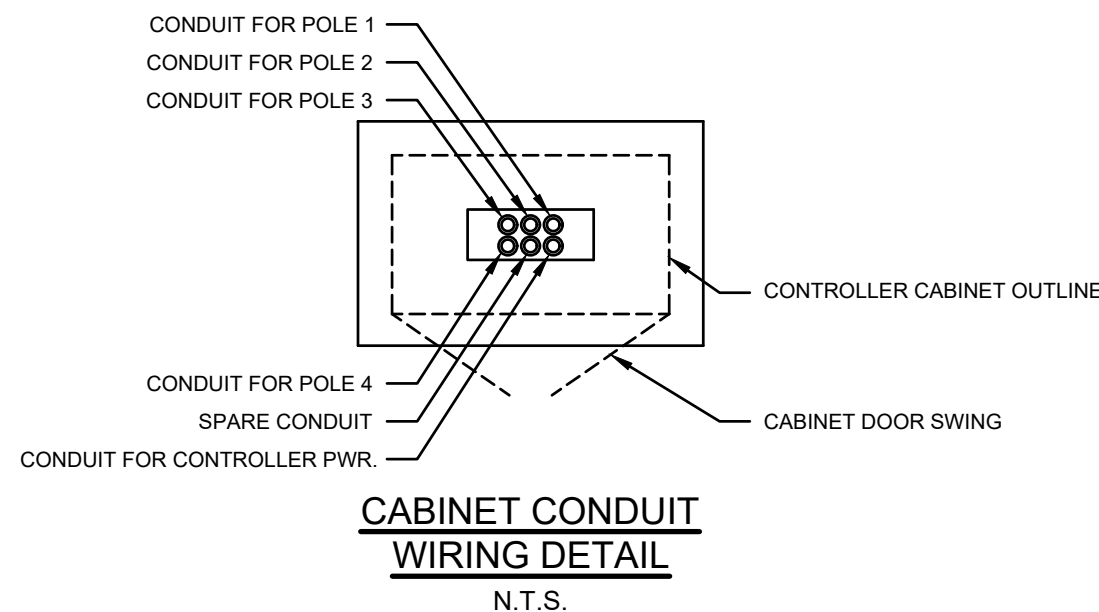
NOTE: T.T. DENOTES TAPE TRACER.

CONDUCTOR COLOUR CODE (HANDHOLE TO SIGNAL HEADS)		
ITEM	SIGNAL SECTION	CONDUCTOR COLOUR
Ø2	RED YELLOW GREEN	RED YELLOW BLUE
P4	DON'T WALK WALK PUSH BUTTON	BROWN BLUE PURPLE/PURPLE (BROWN T.T.)

ITEM	CIRCUITS	CONDUCTOR COLOUR
SIGNAL NEUTRAL	NEUTRAL	WHITE
STREET LIGHTING LUMINAIRES	B R	BLACK RED
TRAFFIC CONTROLLER	POWER	BLACK
PHOTOCELL	POWER SWITCH LEG	BLACK RED
PANEL SUPPLY	POWER POWER	BLACK RED
NEUTRAL	NEUTRAL	WHITE
GROUND/BOND	GROUND/BOND	GREEN

SIGNAL DISPLAY

REST ON FLASHING GREEN ON ACTUATION



OVERHEAD POWER LINE CONFLICTS

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

CHECK BEFORE YOU DIG

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

LOCATING EQUIPMENT

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

CAUTION!
EXCAVATION NEAR OVERHEAD UTILITY POLE

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

No.	DATE	BY	CHK'D	REVISION	Monaghan Engineering and Consulting Ltd. 3710B - 28th Street, Vernon, BC V1T 9X2 & (250) 503-1023			
.	2025-07-14	ER	MC	ISSUED FOR RFP	APDR - PHASE 2 TRAFFIC SIGNAL 43 AVENUE AT 35 STREET VERNON, BC			
					PROJECT No.	SHEET No.	REVISION	
					8497B-25-02 of 03	E-02	.	

CANCEL PRINTS BEARING PREVIOUS LETTER

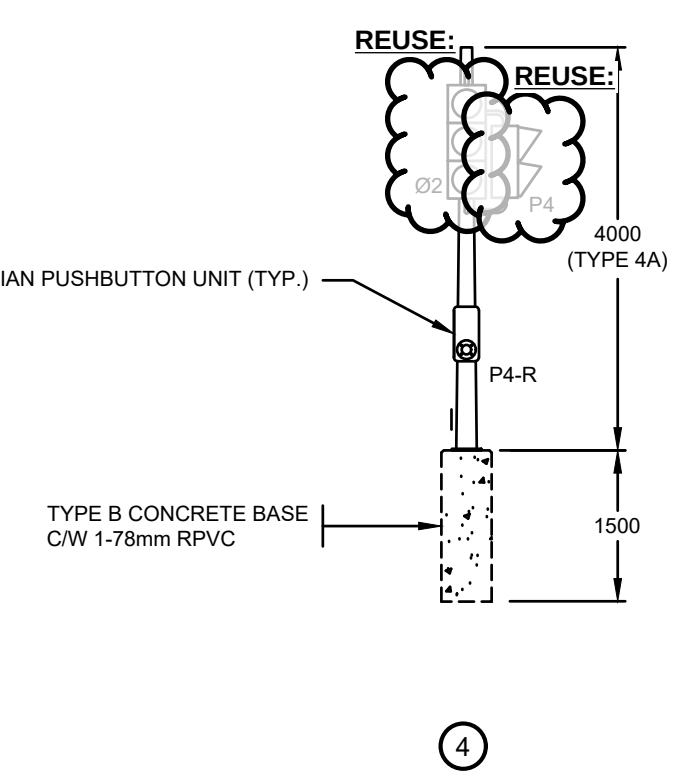
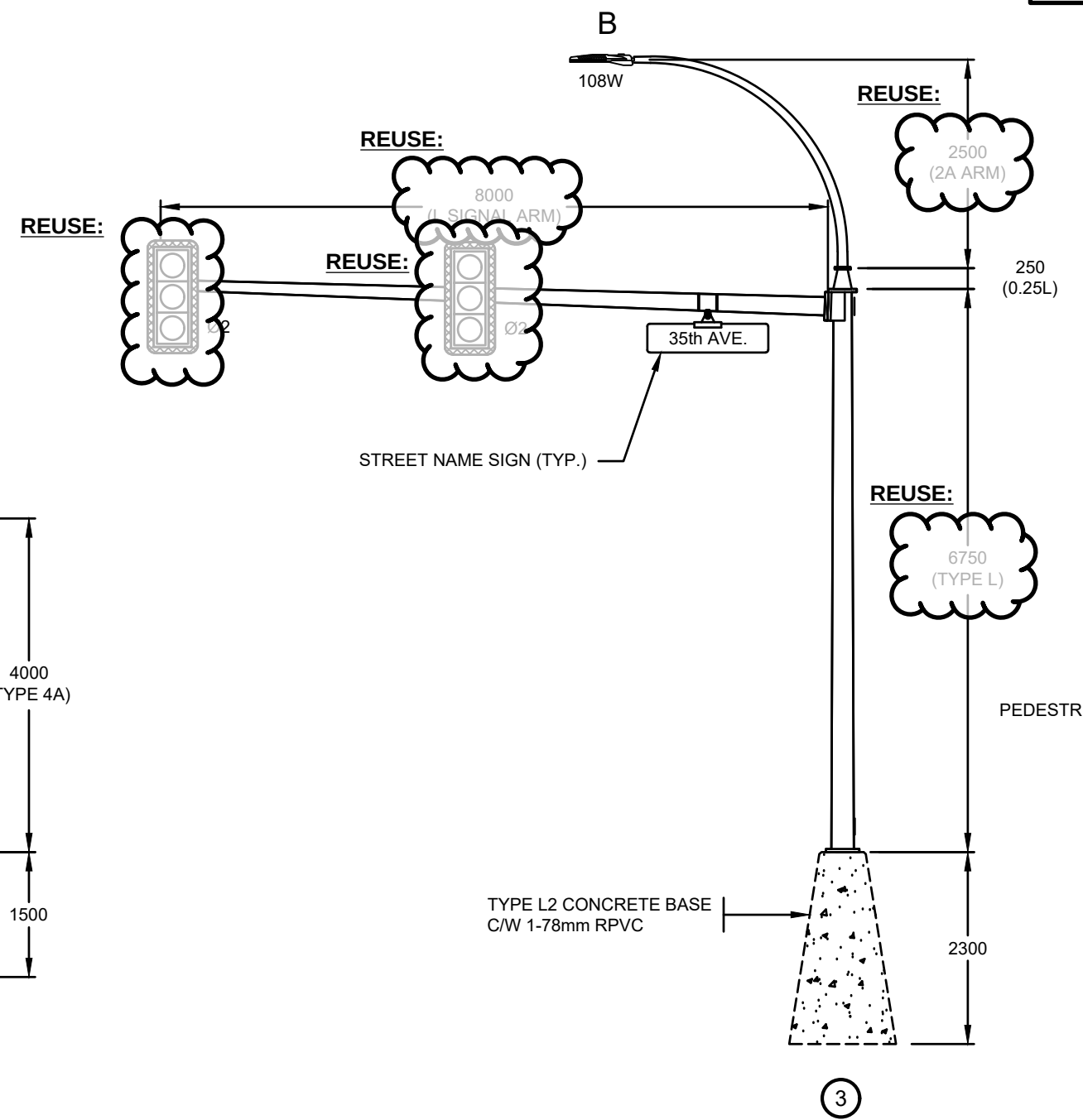
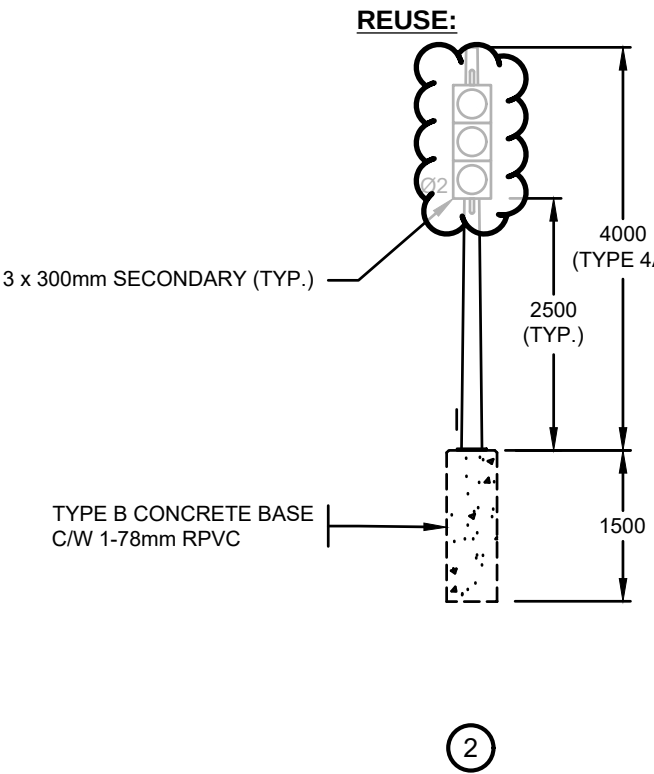
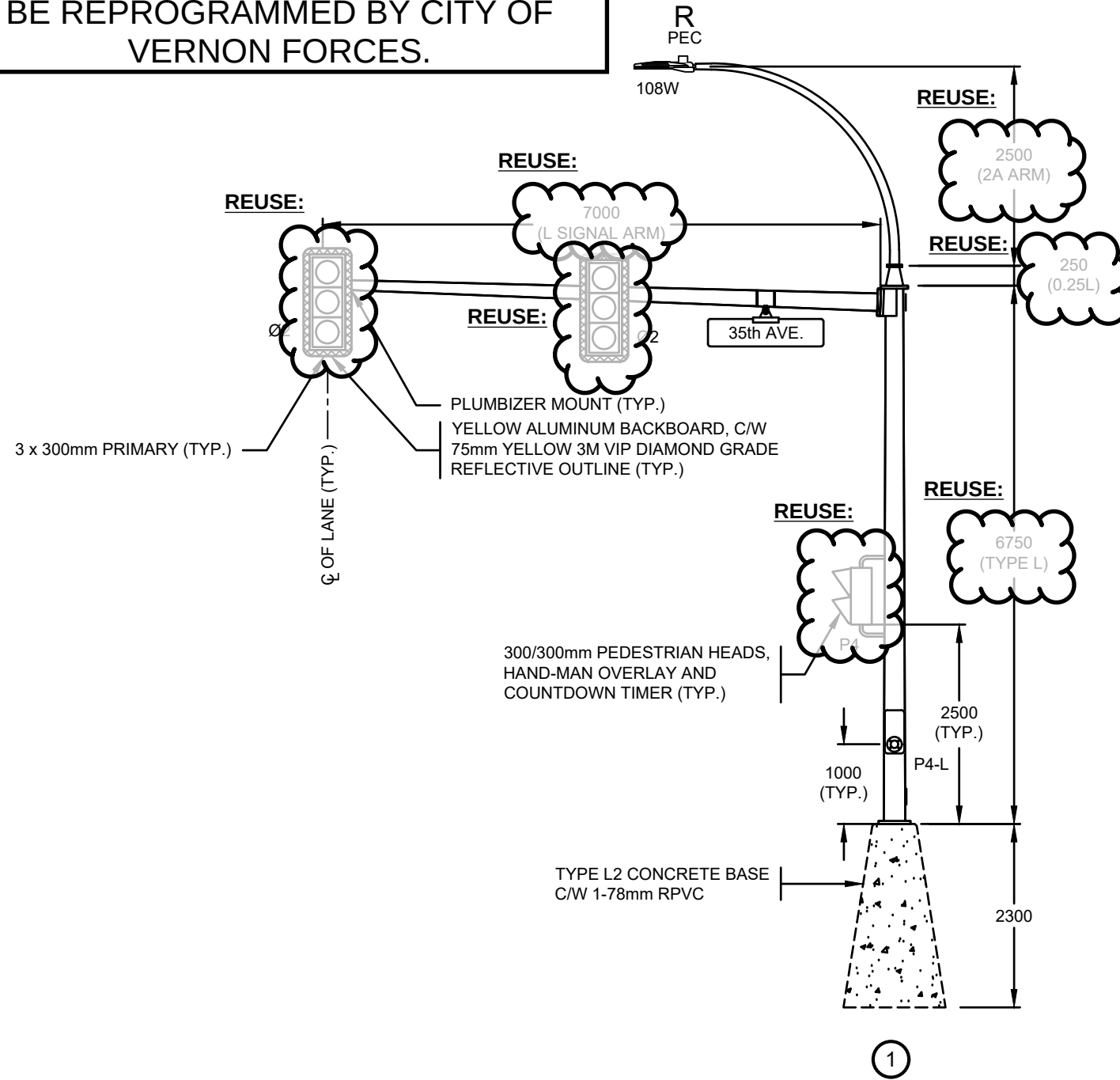
PMO (2010)

RECOGNIZED PRODUCT LIST			
PRODUCT	MANUFACTURER	SPECIFICATION	EXCEPTIONS
LED LUMINAIRES	LUMEC ROADFOCUS	RFM-108W48LED-3K-G2-R3M-UNV-DMG-API-FAWS-HS-PH9-ROD7-GY3	PEC WHERE NOTED. C/W WATTAGE AND LUMEN OUTPUT LABELS
TRAFFIC CONTROLLER CABINET	ECONOLITE	TYPE P440D C/W EXTENDER BASE & UPS	
POLES AND ANCHOR BOLTS	NOVA POLE	MoT/MMCD	GALVANIZED AND POWDER COATED BLACK
CONCRETE JUNCTION BOX	A.E. CONCRETE	MMCD	LABELED 'VER TS'
	LEKO PRECAST		
	KON-KAST		
ROUND PLASTIC JUNCTION BOXES	NOVA POLE	MoT	
SIDE MOUNT SIGNAL BRACKETS	WEST COAST ENG.	MoT	
	GREENLITE TRAFFIC	MoT	YELLOW
SIGNAL HEADS	ECONOLITE	MoT	YELLOW POLYCARBONATE HOUSING. ALL CONNECTIONS MUST BE FORK, NO SPADE CONNECTORS ALLOWED
QUICK CHANGE KIT FOR LED TRAFFIC SIGNALS	GGI ROAD AND TRAFFIC. CONTACT IAN SINCLAIR.	QCK-12-PAK	EACH PACKAGE IS ENOUGH FOR A 3 SECTION TRAFFIC SIGNAL
PEDESTRIAN HEADS	ECONOLITE	MoT	YELLOW POLYCARBONATE HOUSING C/W NON-CUTOFF VISORS
PEDESTRIAN PUSHBUTTON UNIT *	CAMPBELL COMPANY	GUARDIAN	CONTACT INTERPROVINCIAL TRAFFIC SERVICES LTD. AT 604.542.8500
PEDESTRIAN LED DISPLAYS	DIALIGHT / INTERPROVINCIAL TRAFFIC SERVICES. CONTACT ROB HAY AT (604) 542-8500	NEW ITE STANDARD	SOLID LED HAND/MAN AND SOLID LED COUNTDOWN SIGNALS
MID-SPAN PLUMBIZER KIT	GREENLITE TRAFFIC		
LED SIGNALS	DIALIGHT LED	12"	15 YEAR WARRANTY
MID-SPAN LARGE STREET NAME SIGN CUSHION HANGER	GREENLITE TRAFFIC	GEL 336 N	
STREET NAME SIGN	VALLEY TRAFFIC SYSTEMS	14" x 36" DIAMOND GRADE	
	SHERINE INDUSTRIES		

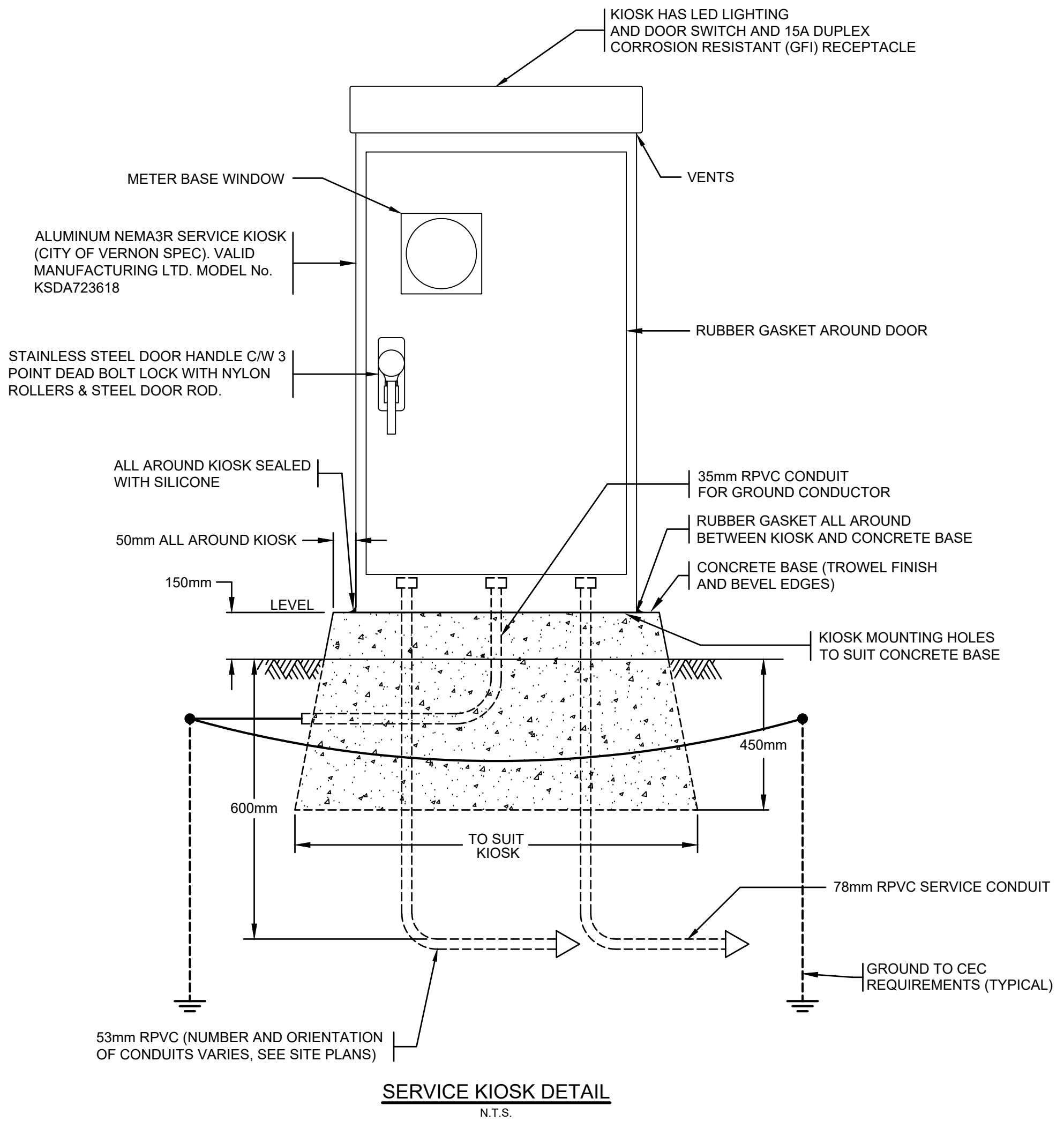
* SUPPLIED BY THE CITY OF VERNON AND INSTALLED BY CONTRACTOR
** SUPPLIED AND INSTALLED BY THE CITY OF VERNON (3 MONTHS DELIVERY TIME REQUIRED)

CAMPBELL COMPANY GUARDIAN PEDESTRIAN PUSHBUTTON UNITS REQUIRE A SET OF FOUR WIRES TO BE NEEDED FROM THE 2 SECTION PEDESTRIAN DISPLAY TO THE PEDESTRIAN PUSH BUTTON. WIRE WILL BE SUPPLIED BY THE CITY INSTALLED BY CONTRACTOR.

ITEMS REV-CLOUDED ARE TO BE REUSED FROM THE REMOVED SIGNAL AT OLD KAMLOOPS ROAD AND 43RD AVENUE. TRAFFIC CONTROLLER TO BE REPROGRAMMED BY CITY OF VERNON FORCES.

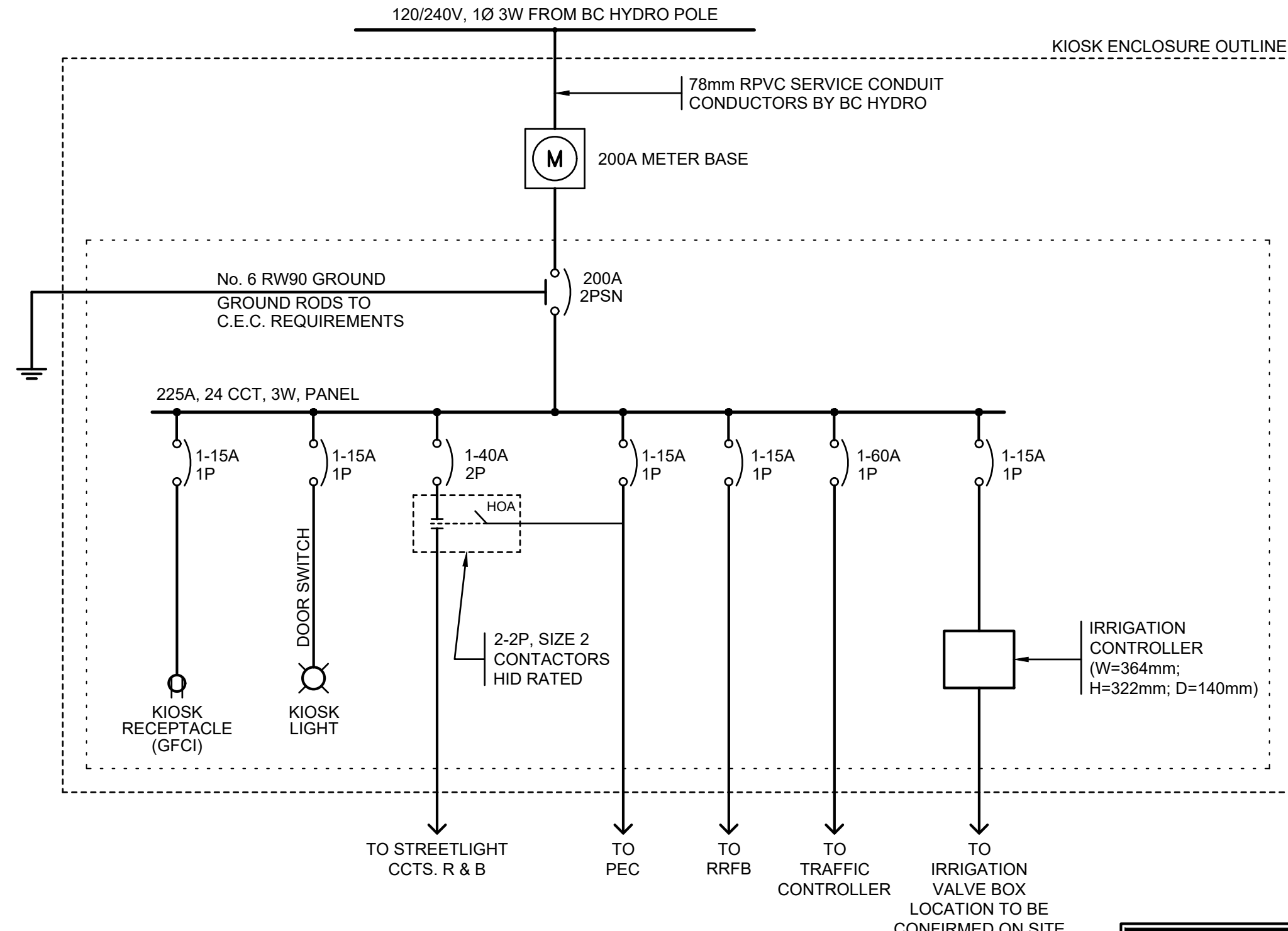


ALL SIGNAL AND PEDESTRIAN DISPLAYS SHALL BE LED



KIOSK NOTES:

- CONTRACTOR SHALL SUPPLY KIOSK SHOP DRAWINGS FOR APPROVAL PRIOR TO MANUFACTURING.
- KIOSK SHALL BE SECURED TO CONCRETE BASE WITH A MINIMUM OF 6 CONCRETE INSERTS.
- CONCRETE SHALL HAVE A STRENGTH OF 25Mpa AT 28 DAYS.
- LOCATE CONDUITS IN CONCRETE BASE TO SUIT KIOSK EQUIPMENT.
- KIOSK SHALL MEET THE APPROVAL OF THE PROVINCIAL ELECTRICAL INSPECTOR & SHALL BARE A 'PROVINCIAL INSPECTION' STICKER.
- SERVICE PANEL SHALL HAVE LAMICOID NAME PLATES INDICATING VOLTAGES & LABELING ALL EQUIPMENT.
- A TYPE WRITTEN PANEL DIRECTORY SHALL BE LOCATED ON THE INSIDE OF THE PANEL DOOR.
- ALL BREAKERS SHALL BE RATED AT A MINIMUM OF 22,000 AIC.
- CONTACTORS AND SWITCHES MUST BE APPROVED FOR CONTROL OF DISCHARGE LIGHTING.
- RUBBER GASKET SHALL BE INSTALLED BETWEEN KIOSK AND CONCRETE BASE.
- HOA (HAND-OFF-AUTO) SWITCHES REQUIRED FOR STREETLIGHTS.
- KIOSK SHALL BE HEATED.
- KIOSK SHALL HAVE A CIRCULATION FAN AND VENTING WITH A PLEATED AIR FILTER.



SERVICE KIOSK SINGLE LINE DIAGRAM
N.T.S.

No.	DATE	BY	CHK'D	REVISION
-	2025-07-14	ER	MC	ISSUED FOR RFP

Monaghan Engineering and Consulting Ltd. 3710B - 28th Street, Vernon, BC V1T 9X2 & (250) 503-1023		
APDR - PHASE 2 TRAFFIC SIGNAL 43 AVENUE AT 35 STREET VERNON, BC		
PROJECT No. 8497B-25-03 of 03	SHEET No. E-03	REVISION .

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DESIGNED	ERICK RUIZ
DRAWN	ADIAN WILLIAMS
CHECKED	MIKE CETNAROWSKI
E.O.R.	MIKE CETNAROWSKI
DATE	JUNE 06, 2025

SCALE: AS NOTED

SEAL

NOT FOR CONSTRUCTION
2025-07-14