

LOCATION MAP
N.T.S



Ministry of
Transportation
and Infrastructure

PROJECT NO. 14009

**KENYON CREEK
DFAA FLOOD DAMAGE
ENVIRONMENTAL PERMITS**

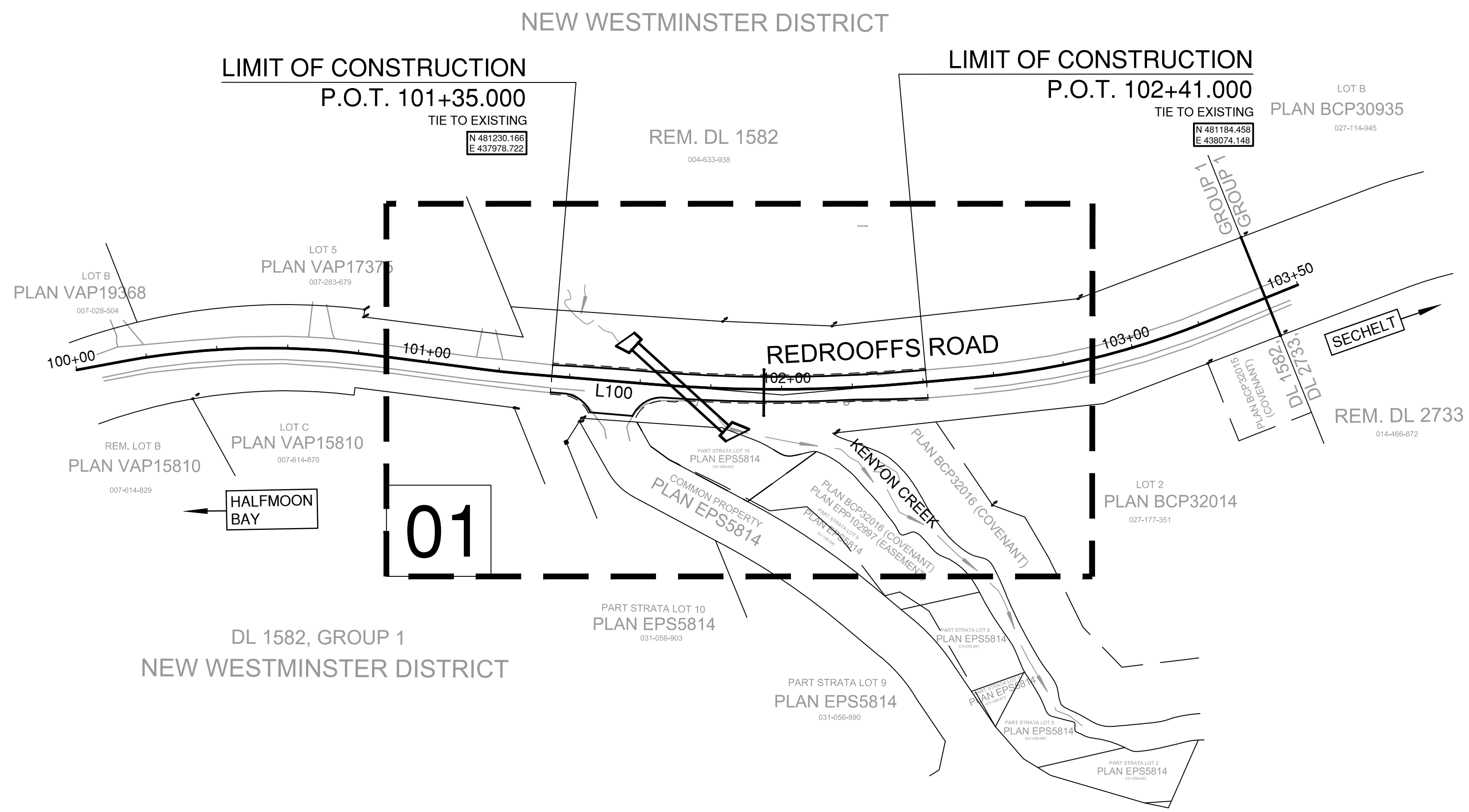
STA. 101+35.000 - STA. 102+41.000

0.106 km

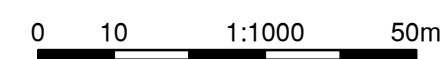
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GRADING AND DRAINAGE CONTRACT

DRAWING INDEX	
R1-1028-001	KEY PLAN
R1-1028-002	LEGEND
R1-1028-101	PLAN
R1-1028-701	DRAINAGE AND DETAILS



KEY PLAN



ISSUED FOR FINAL
ENVIRONMENTAL REVIEW
2024-02-09
urbansystems.ca

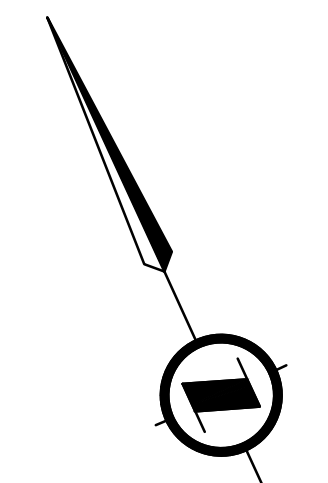


DRAWING NUMBER REV
R1-1028-001-ENVIRQ

PLOT DATE: 2024/02/09 U:\Projects_SUR\1961\0480\15\0-Design\CAD\DrawingProduction\EnvironmentalDrawings\R1-1028-000-Enviro.dwg

NEW WESTMINSTER DISTRICT

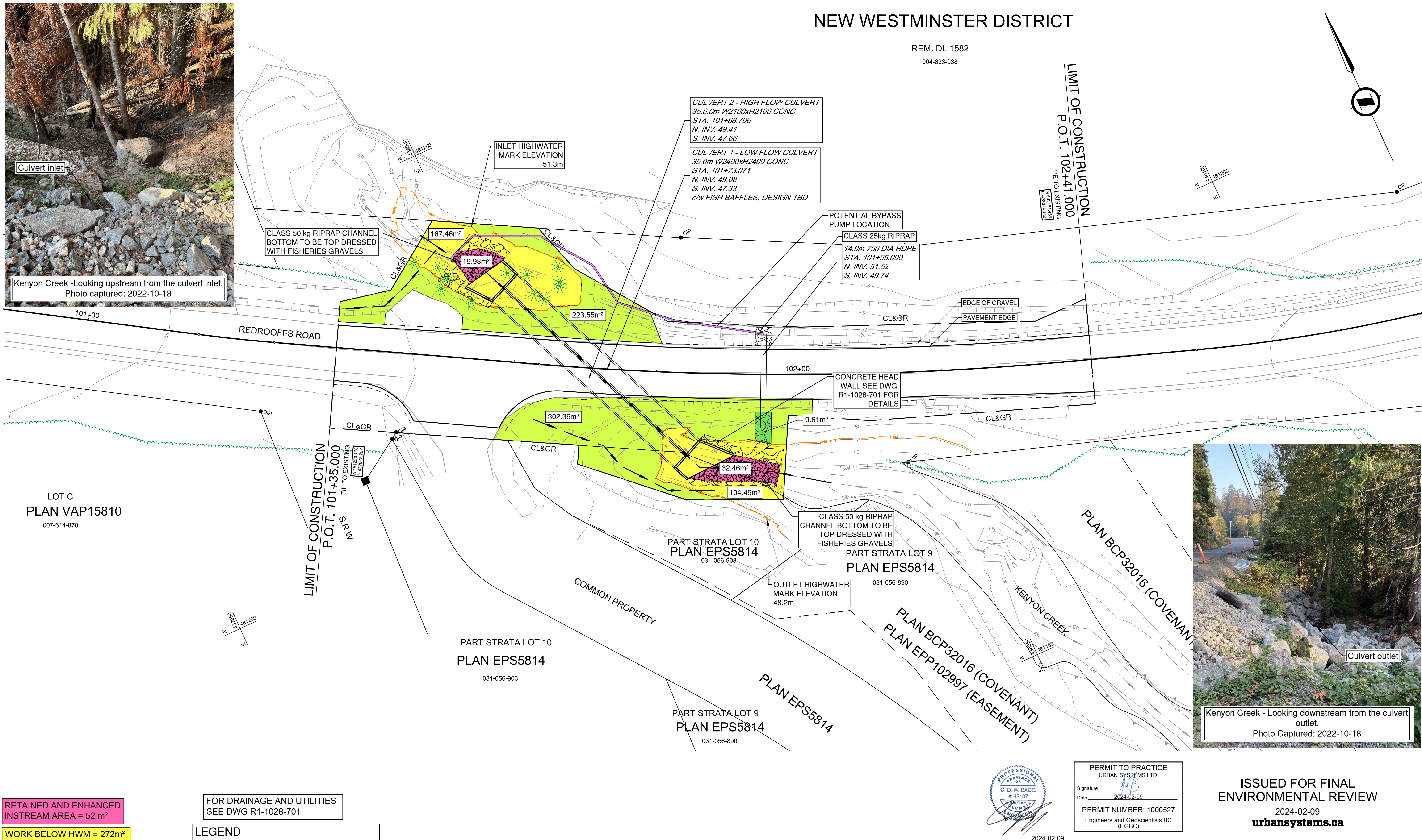
REM. DL 1582
004-633-938



Kenyon Creek - Looking upstream from the culvert inlet.
Photo captured: 2022-10-18



Kenyon Creek - Looking downstream from the culvert outlet.
Photo Captured: 2022-10-18



- RETAINED AND ENHANCED INSTREAM AREA = 52 m²
- WORK BELOW HWM = 272m²
- PERMANENT RIPARIAN DISTURBANCE = 10 m²
- TEMPORARY RIPARIAN DISTURBANCE = 526 m²
- TOTAL PROJECT AREA = 2590 m²
- CL & GR TOTAL THIS DWG = 1280 m²

FOR DRAINAGE AND UTILITIES SEE DWG R1-1028-701

LEGEND

RIPRAP	
CHANNEL BOTTOM - RIPRAP TOP DRESSED WITH FISHERIES GRAVELS	
HIGH WATERMARK	



SCALE 0 2 1:250 12m

CAD FILENAME R1-1028-100-ENVIRQ
PLOT DATE 2024-02-09

REV	DATE	REVISIONS	NAME

BRITISH COLUMBIA
MINISTRY OF TRANSPORTATION AND INFRASTRUCTURE
SOUTH COAST REGION
HIGHWAY ENGINEERING AND GEOMATICS

DESIGNED: S.CAVASINNI DATE: 2024-02-09
QUALITY CONTROL: C.BAGG DATE: 2024-02-09
QUALITY ASSURANCE: J.BORCH DATE: 2024-02-09
DRAWN: E.PROULX DATE: 2024-02-09

CODY BAGG, P.ENG.
SENIOR DESIGNER

PERMIT TO PRACTICE
URBAN SYSTEMS LTD.
Signature:
Date: 2024-02-09
PERMIT NUMBER: 1000527
Engineers and Geoscientists BC (EGBC)

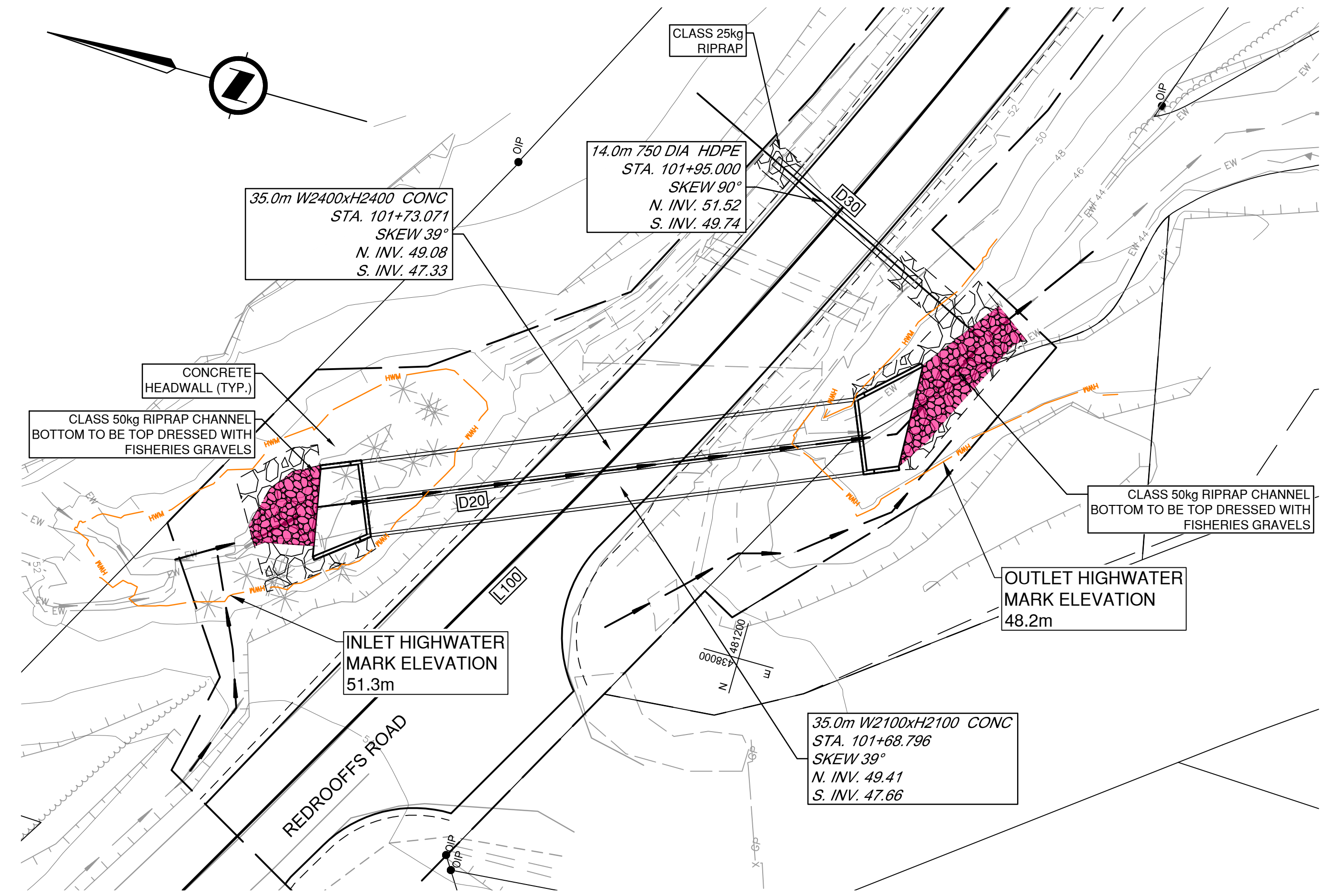
2024-02-09

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2024-02-09
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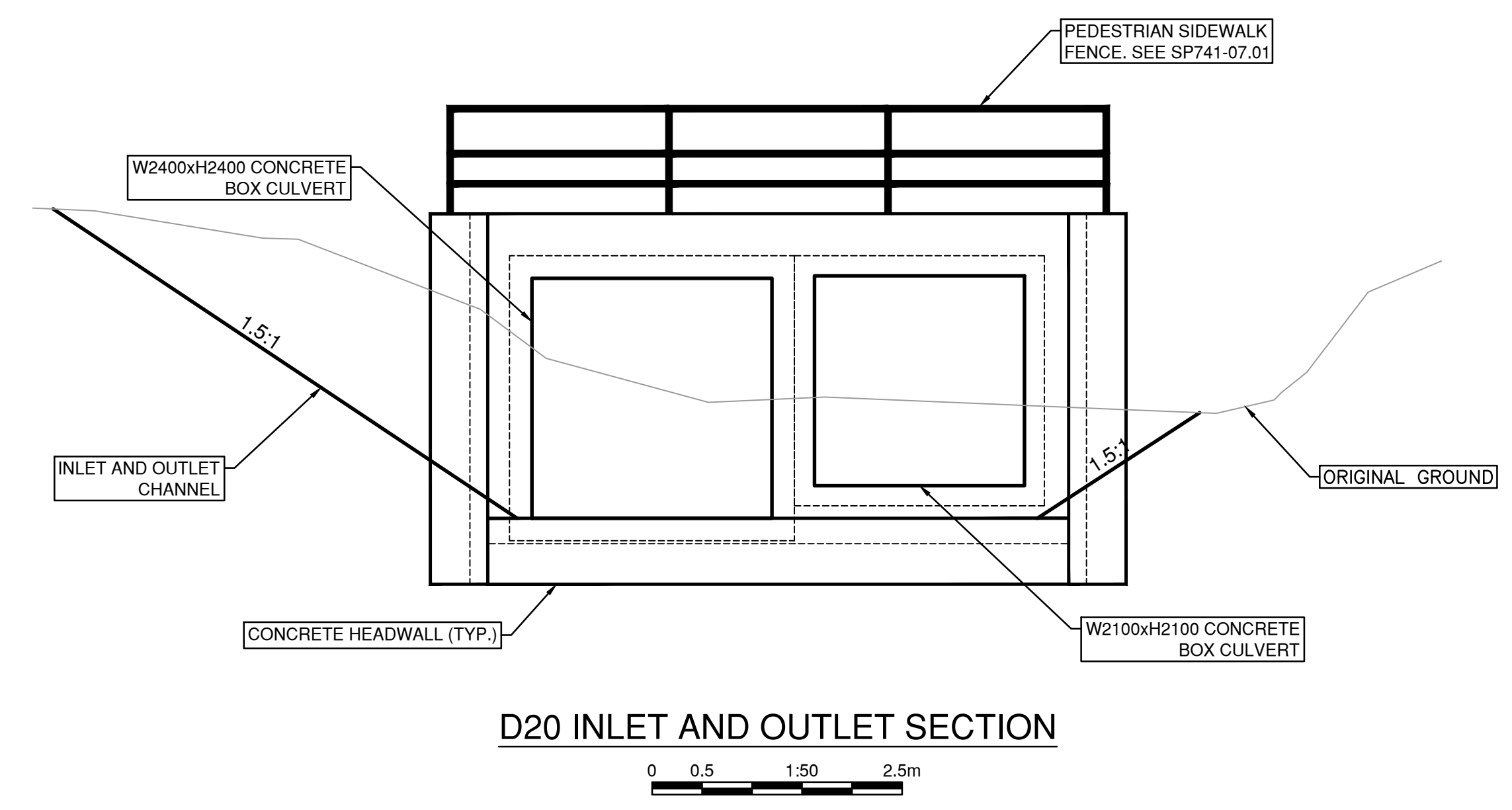
PLAN
KENYON CREEK
DFAA FLOOD DAMAGE
STA. 101+35.000 TO 102+41.000

FILE NUMBER	PROJECT NUMBER	REG	DRAWING NUMBER	REV
872CS1714	14009	1	R1-1028-101-ENVIRQ	

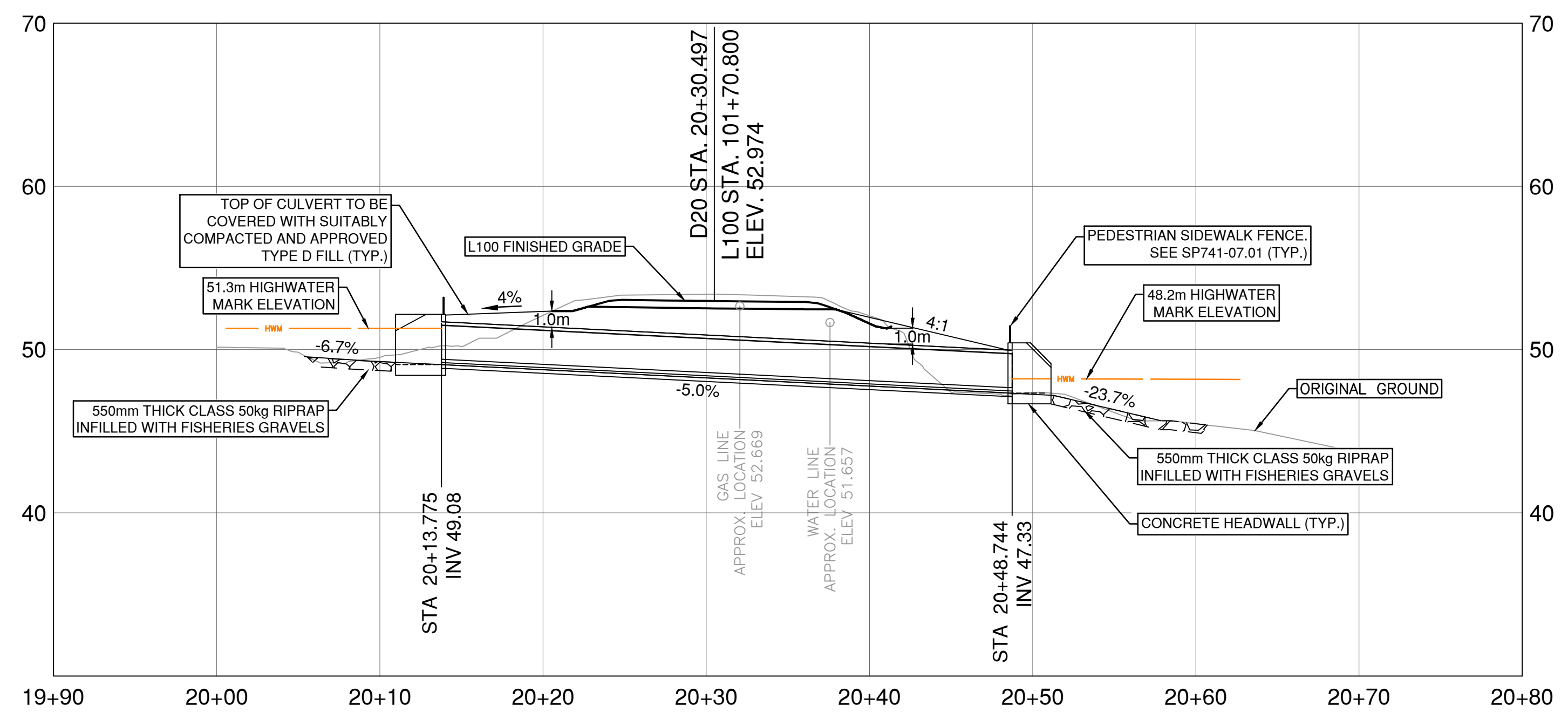
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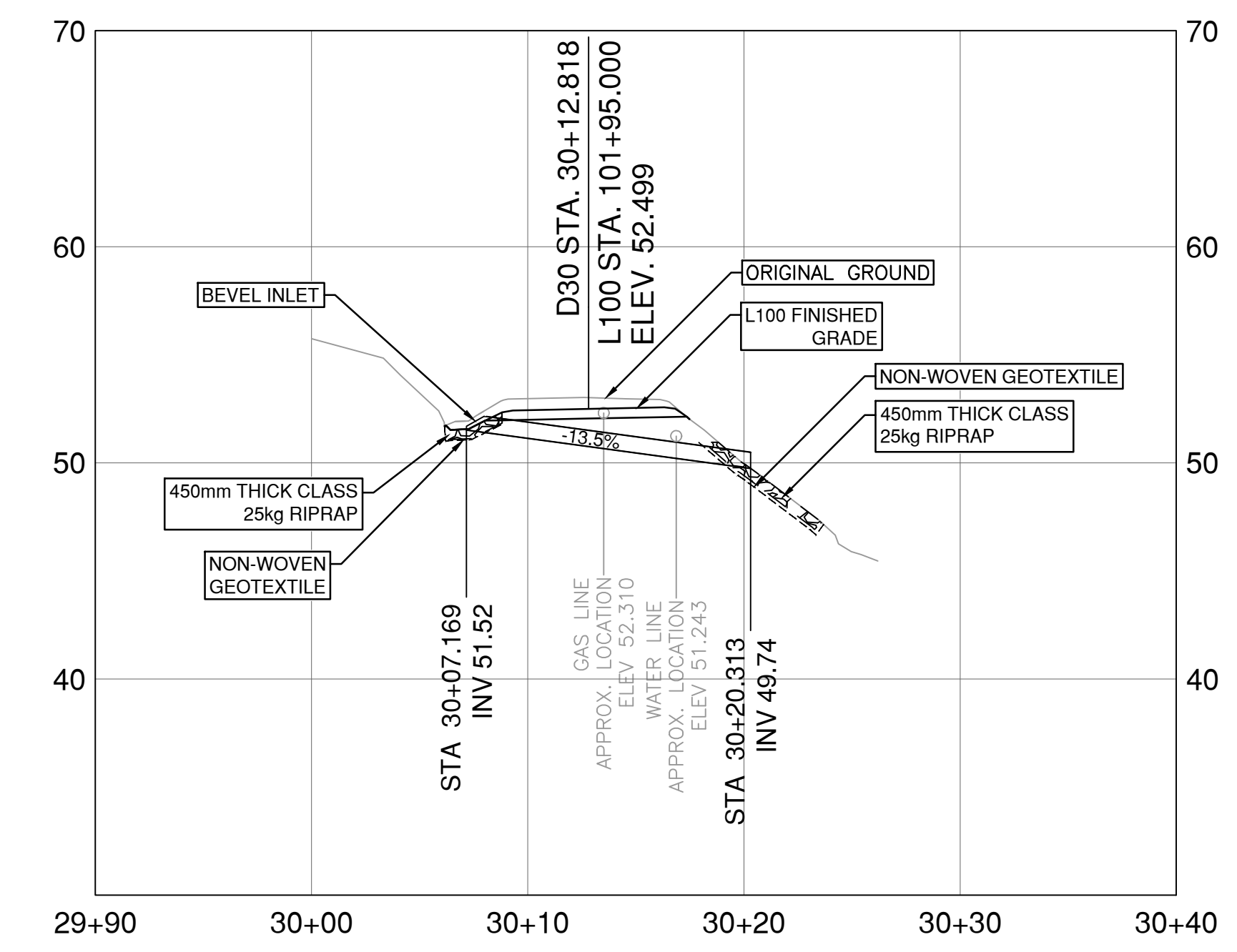
D20 & D30 - REDROOFS RD CROSSING PLAN



D20 INLET AND OUTLET SECTION



D20 PROFILE - KENYON CREEK



D30 PROFILE - DITCH CULVERT

LEGEND

RIPRAP	
CHANNEL BOTTOM - RIPRAP TOP DRESSED WITH FISHERIES GRAVELS	
HIGH WATERMARK	

ISSUED FOR FINAL ENVIRONMENTAL REVIEW
2024-02-09
urbansystems.ca



SCALE 0 2 1:250 12m

CAD FILENAME R1-1028-700-ENVIRQ
PLOT DATE 2024-02-09

REV	DATE	REVISIONS	NAME

BRITISH COLUMBIA
MINISTRY OF TRANSPORTATION AND INFRASTRUCTURE
SOUTH COAST REGION
HIGHWAY ENGINEERING AND GEOMATICS

DESIGNED S.CAVASINI DATE 2024-02-09
QUALITY CONTROL C.BAGG DATE 2024-02-09
QUALITY ASSURANCE J.BORCH DATE 2024-02-09
DRAWN E.PROULX DATE 2024-02-09

CODY BAGG, P.ENG.
SENIOR DESIGNER



PERMIT TO PRACTICE
URBAN SYSTEMS LTD.
Signature:
Date: 2024-02-09
PERMIT NUMBER: 1000527
Engineers and Geoscientists BC (EGBC)

DRAINAGE AND DETAILS
KENYON CREEK
DFAA FLOOD DAMAGE

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