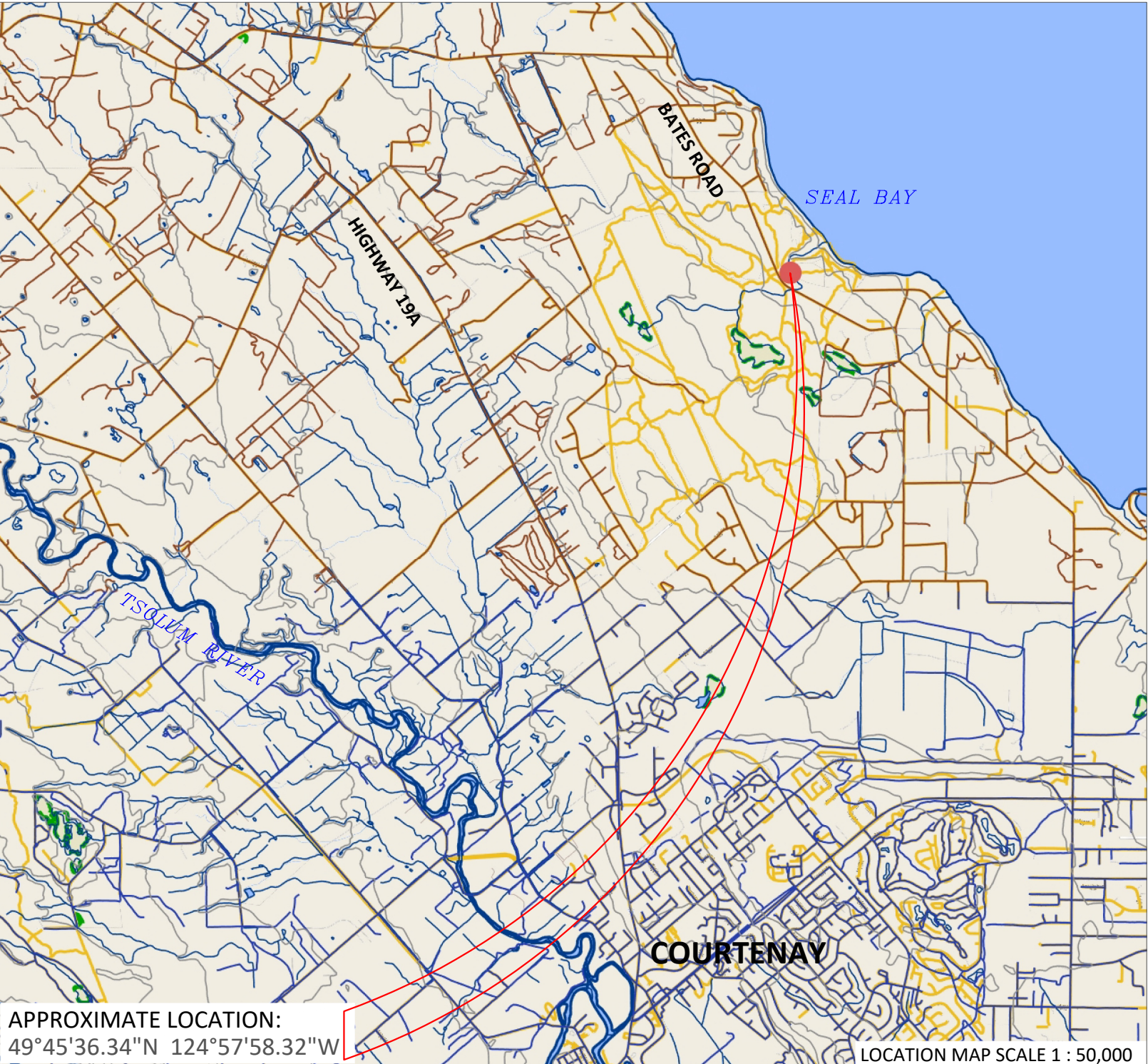




SEAL BAY NATURE PARK - SEAL LOOP

OPTION 1: 12.19m (40') x 1.5m (5') WIDE ALUMINUM PEDESTRIAN BRIDGE ON PRECAST CONCRETE BLOCK FOUNDATIONS

DRAWING LIST	
DESCRIPTION	DRAWING NUMBER
TITLE PAGE	26-219 A1-1
NOTES	26-219 A1-2
NOTES	26-219 A1-3
PLAN - EXISTING	26-219 A1-4
PROFILES - EXISTING	26-219 A1-5
PLAN - DESIGN STRUCTURE	26-219 A1-6
PROFILES - DESIGN STRUCTURE	26-219 A1-7
PHOTOS	26-219 A1-8

00	ISSUED FOR CONSTRUCTION	FEB/12/2026	BP
00	ISSUED FOR REVIEW	FEB/09/2026	BP
REV.	DESCRIPTION	DATE	APPROVED
REVISION LIST			

PROFESSIONAL OF RECORD (POR)		BRIAN PEETERS, P.ENG	
COORDINATING REGISTERED PROFESSIONAL (CRP)		ANDREW BURGER	
POR SEAL	PREPARED FOR		
	 COMOX VALLEY REGIONAL DISTRICT SEAL BAY NATURE PARK		
	(778) 346-1818 general@stonecroftengineering.ca		PERMIT TO PRACTICE STONECROFT ENGINEERING LTD. PERMIT NUMBER: 1001856 Engineers & Geoscientists BC
	GENERAL ARRANGEMENT OF		SEAL BAY NATURE PARK - SEAL LOOP
SCALE N/A		TITLE PAGE	REV. 00
		DRAWING NO. 26-219 A1-1, SHEET 1 of 8	

- 1.0 GENERAL
- 1.1 THIS STRUCTURE/ROAD IS PART OF THE PERMANENT INFRASTRUCTURE OF THE SEAL BAY NATURE PARK. THE DESIGN CALLS FOR A 12.19m (40') x 1.5m (5') WIDE ALUMINUM TRUSS PEDESTRIAN BRIDGE ON PRACAST CONCRETE BLOCK FOUNDATIONS.

1.2 STONECROFT ENGINEERING LTD. (STONECROFT) DEEMS THIS STRUCTURE TO BE A LOW-RISK STRUCTURE.

1.3 ALL UNITS ARE IN METERS UNLESS OTHERWISE SPECIFIED.

1.4 DO NOT CONSTRUCT USING THESE DRAWINGS UNLESS MARKED AS ISSUED FOR CONSTRUCTION.

1.5 ANY DESIGN CHANGES PROPOSED REQUIRE WRITTEN APPROVAL BY THE PROFESSIONAL OF RECORD (POR).

1.6 THIS DESIGN IS TO BE USED ONLY FOR THE INTENDED STRUCTURE.

1.7 STONECROFT ACCEPTS NO RESPONSIBILITY FOR INSTALLATION / WORK BY OTHERS.

1.8 STRUCTURAL / SHOP DRAWINGS MUST BE CONCEPTUALLY REVIEWED BY THE POR TO ENSURE CONSISTENCY WITH GENERAL ARRANGEMENT DRAWINGS, AND WRITTEN CONSENT GIVEN PRIOR TO FABRICATION OR CASTING.

1.9 NO SEISMIC DESIGN HAS BEEN COMPLETED AND ANY DAMAGE RESULTING FROM A SEISMIC EVENT IS AT THE RISK OF THE OWNER.

1.10 ALL COMPONENTS ACCESSIBLE TO PEDESTRIANS TO BE GROUND OR SANDED SMOOTH.

1.11 DESIGNED: B. PEETERS

1.12 CHECKED: B. PEETERS

1.13 DRAWN: E. CONSTANTINE

- 2.0 SITE SURVEY
- 2.1 SITE SURVEY COMPLETED ON JAN/13/2026 BY B. PEETERS AND E. CONSTANTINE.

2.2 COORDINATE SYSTEM IS LOCAL COORDINATES WITH BENCHMARKS AS SHOWN IN PLAN.

- 3.0 GEOTECHNICAL
- 3.1 GEOTECHNICAL / TERRAIN STABILITY ARE OUTSIDE THE SCOPE OF THIS DESIGN, TO BE COMPLETED BY OTHERS.

3.2 THERE WERE NO SIGNS OF SLOPE INSTABILITY FOUND IN THE AREA DURING THE SITE VISIT.

3.3 THE SITE APPEARS TO BE COMPOSED OF A BLANKET OF COLLUVIUM/TILL/ORGANICS AND SILTS OVER BEDROCK. ASSUMED GROUND CONDITIONS ARE ESTIMATES ONLY BASED ON LIMITED SURFACE OBSERVATIONS WITH NO SUBSURFACE GEOTECHNICAL INFORMATION.

3.4 IF SITE CONDITIONS ENCOUNTERED DURING EXCAVATION VARY FROM THOSE ASSUMED, STONECROFT IS TO BE ADVISED PRIOR TO CONTINUATION OF WORK AND THE DESIGN MAY NEED TO BE MODIFIED BY THE POR TO ACCOMMODATE SITE CONDITIONS.

- 4.0 HYDROLOGY AND HYDRAULIC ASSESSMENT
- 4.1 THE STREAM IS WELL CONTAINED WITHIN ITS BANKS.

4.2 THE Q100 INSTANTANEOUS PEAK FLOW WAS DETERMINED BASED ON OBSERVED HIGH FLOW EVIDENCE, A REVIEW OF CHANNEL CHARACTERISTICS, AND REVIEW OF SEVERAL PEAK FLOW EMPIRICAL MODELS.

4.3 THIS CROSSING IS DESIGNED FOR A CLEAR WATER PEAK FLOW ONLY AND IS NOT DESIGNED TO ACCOMMODATE A DEBRIS FLOOD / DEBRIS FLOW.

4.4 AN ESTIMATED 18% CLIMATE CHANGE EXPANSION FACTOR WAS INCLUDED IN THE HYDROLOGICAL ANALYSIS BASED ON PUBLICLY AVAILABLE CLIMATE MODELS.

HYDRAULIC ASSESSMENT DATA
DRAINAGE AREA: ±270 ha
STREAM SUBSTRATE: GRAVEL/COBBLE/SAND
STREAM SLOPE: 4.0%
APPROXIMATE Q100: 10.3m³/s @ 3.5m/s

- 5.0 BRIDGE DESIGN
- 5.1 DESIGN CODE: CSA S6:25 CANADIAN HIGHWAY BRIDGE DESIGN CODE.
CSA S157:17 STRENGTH DESIGN IN ALLUMINUM.

5.2 MINISTRY OF FORESTS (MOF) BRIDGE STANDARDS MANUAL AND ENGINEERING MANUAL.

5.3 GUIDELINES FOR PROFESSIONAL SERVICES IN THE FOREST SECTOR - CROSSINGS V3.0, (FPBC/EGBC 2021).

5.4 GUIDELINES FOR PROFESSIONAL SERVICES IN THE FOREST SECTOR - FOREST ROADS V2.0 (FPBC/EGBC 2024).

5.7 TRUSS MUST BE PERMANENTLY IDENTIFIED WITH THE MANUFACTURER, LOAD RATING, SERIAL NUMBER AND YEAR OF FABRICATION.

5.8 DESIGN LOADING:

- DEAD LOADS:

STRUCTURAL ALUMINUM = 26.5 kN/m³

CONCRETE = 24.5 kN/m³

SOFT WOOD = 6.0 kN/m³

- LIVE LOADS:

UNIFORM PEDESTRIAN (S6:25) = 4.0 kPa

SNOW LOAD Ss = 2.4 kPa

Sr = 0.4 kPa

WIND = 0.48 kPa

- 5.9 DESIGN SERVICE LIFE: UP TO 45 YEARS.
- 5.10 DESIGN SERVICE LIFE MAY BE AFFECTED BY QUALITY OF CONSTRUCTION AND MAINTENANCE.
- 5.10 MINIMUM FINISHED TRAIL SURFACE WIDTH 3.0m (UNLESS OTHERWISE SPECIFIED).
- 5.12 RECOMMENDED MINIMUM ROUTINE INSPECTION FREQUENCY IS 3 YEARS.

- 6.0 MATERIALS
- 6.1 ALUMINUM:

- STRUCTURAL ALUMINUM SHAPES: ALLOY 6061-T6

- STRUCTURAL ALUMINUM PLATES: ALLOY 6061-T651

- ALL WELDS TO BE COMPLETED IN ACCORDANCE WITH CSA W59.2

- FABRICATOR TO BE CERTIFIED FOR DIVISION 1, 2 or 3 PER CSA W47.2

- MINIMUM 4mm FILLET WELD UNLESS OTHERWISE NOTED

- DRILL 6mm WEEP HOLES IN ALL SEALED HSS MEMBERS

- ALL WELDS TO BE INSPECTED BY A CERTIFIED WELD INSPECTOR

6.2 PRECAST CONCRETE UNREINFORCED INTERLOCKING BLOCKS (BLOCKS):

- MIN. f'c = 20 MPa @ 28 DAYS TO CAN/CSA A23.1 AND A23.4

- BLOCKS MUST BE CAST MONOLITHICALLY, NO COLD JOINTS ALLOWED

- ALL EXPOSED SURFACES MUST HAVE A SMOOTH FINISH CONFORMING TO CSA CAN3-A23.4-00 SECTION 24.2.5 GRADE A. THE FINISH MUST NOT BE HONEYCOMBED.

- (FULL) BLOCKS SIZE MUST BE 762mm x 762mm X 1524mm LONG, PROVIDED WITH A COMPATIBLE SHEAR KEY WHERE SHOWN.

- DIMENSIONAL TOLERANCE MUST BE ± 20 mm FOR LENGTH, WIDTH, HEIGHT AND THE BLOCKS MUST BE REASONABLY SQUARE, WITH DIAGONALS WITHIN A TOLERANCE OF ± 15 mm OF EACH OTHER.

- TOP AND BOTTOM SURFACES MUST BE FLAT TO A TOLERANCE OF ± 3 mm UNDER 600 mm STRAIGHT EDGE.

- CONCRETE MUST BE AIR ENTRAINED 4-7%.

- EACH BLOCK MUST CONTAIN A SATISFACTORY EMBEDDED LIFTING DEVICE.

- EDGES MUST BE CHAMFERED.

6.3 TIMBER:

- ALL SUPPLIED TIMBERS MUST BE NEW ROUGH SAWN LUMBER MATERIAL CONFORMING TO THE SPECIES, GRADE, MANUFACTURE & TRIM REQUIREMENTS DESCRIBED HEREIN.

- ROUGH SAWN TIMBER MUST BE GRADED IN ACCORDANCE WITH:

a) NLGA GRADING RULES, WHICH MEET THE PROVISION OF CSA 0141 "SOFTWOOD LUMBER"; or

b) ALSC BOARD REVIEW APPROVED GRADING RULES, WHICH MEET THE PROVISIONS OF PRODUCT STANDARDS PS 20 "AMERICAN SOFTWOOD LUMBER STANDARDS"

c) TIMBER SPECIES, GRADE, MANUFACTURER AND TRIM REQUIREMENTS

- ALL ROUGH TIMBER MUST CONFORM WITH BRIDGE TIMBER AND LUMBER MATERIAL STANDARDS, MINISTRY OF FORESTS

d) FULL SAWN - TRIMMED SUCH THAT PIECES ARE TRIMMED FOR REMOVAL OF SNIPED, SPLINTERED OR UNEVEN LOG LENGTHS.

e) WOOD RAIL CLADDING / SPLIT CEDAR FENCE - WESTERN RED OR YELLOW CEDAR 38mm THICK, NO. 2 GRADE OR BETTER, TREATED TIMBER NOT PERMITTED. ENDS TRIMMED SUCH THAT PIECES ARE TRIMMED FOR REMOVAL OF SNIPED, SPLINTERED OR UNEVEN LENGTHS.

6.4 BEARINGS:

- ULTRA-HIGH MOLECULAR WEIGHT POLYETHYLENE (UHMWPE) PADS (TYPICAL WORKING TEMPERATURES BETWEEN -269°C TO +93°C) BLACK IN COLOUR.

6.5 BOLTS:

- ANCHOR BOLTS: ASTM A193 GRADE B7 GALVANIZED THREADED ROD.

- RAILING BOLTS: ASTM F593 GRADE 304 STAINLESS STEEL CARRIAGE BOLT COMPLETE WITH ASTM F494 STAINLESS STEEL NUTS AND WASHERS.

6.6 ANCHOR ADHESIVE:

- HILTI HIT HY-200 RESIN.

6.67 DECKING:

- DECK TO BE 50mm THICK ALUMINUM PLANK SMALL HOLE DIMPLE DECKING, WELDED TO FLOOR BEAMS. DECKING TO BE CONFIRMED WITH ENGINEER PRIOR TO FABRICATION.
- 7.0 HOLD POINTS

7.1 THE POR MUST WITNESS AND APPROVE THE FOLLOWING HOLD POINTS PRIOR TO CONTINUATION OF WORK:

- LAYOUT, STAKING AND GRADE CONTROL THROUGHOUT THE PROJECT.

- PREPARATION OF BRIDGE FOUNDATIONS.

- PLACEMENT OF FILTER FABRIC AND BRIDGE FOUNDATIONS.

- UPON COMPLETION OF INSTALLATION AND APPROACHES.
- 8.0 SITE PREPARATION

8.1 FILL AREAS MUST BE STRIPPED OF ALL ORGANICS AND OVERBURDEN TO COMPETENT FOUNDATION SOILS OR TO THE SATISFACTION OF THE POR. ORGANICS/OVERBURDEN MUST BE DISPOSED OF IN AN APPROVED LOCATION.

8.2 STRIPPING ASSUMED AT 300mm THICK.

8.3 A WILDLIFE DANGER TREE ASSESSMENT MUST BE COMPLETED BY A CERTIFIED WILDLIFE DANGER TREE ASSESSOR PRIOR TO WORKS.
- 9.0 TRANSPORTATION, STORAGE, AND ERECTION

9.1 THE COMPONENTS WILL BE HANDLED DURING TRANSPORTATION, STORAGE, AN INSTALLATION IN A MANNER THAT WILL NOT CAUSE HARM.

9.2 ONLY LOW IMPACT LIFTS ARE PERMITTED. ANGLE OF LIFT DEVICES MUST NOT EXCEED 30° FROM THE VERTICAL.

9.3 ALL LIFTING AND RIGGING DEVICES MUST MEET WORKSAFE BC REGULATIONS.

9.4 ANY CRITICAL LIFTS REQUIRE AN ENGINEERED LIFTING PLAN.
- 10.0 EXISTING MATERIALS

10.1 ALL CONSTRUCTION WASTE FROM THE EXISTING STRUCTURE MUST BE TAKEN TO AN APPROVED DISPOSAL SITE.
- 11.0 EXCAVATION

11.1 EXCAVATIONS MUST BE KEPT FREE OF WATER DURING CONSTRUCTION. BOTTOM OF EXCAVATIONS MUST BE KEPT FREE OF DISTURBANCE.

11.2 CUT SLOPES TO GENERALLY MEET MOF ENGINEERING MANUAL TABLE 3-6, UNLESS NOTED OTHERWISE OR AS SPECIFIED BY THE GEOTECHNICAL POR. FINAL CUT SLOPES TO BE DETERMINED ON SITE AT THE DISCRETION OF THE POR OR GEOTECHNICAL POR.
- 12.0 FILL AND PLACEMENT

12.1 SUBGRADE FILL / BRIDGE END FILL

12.1.1SUBGRADE FILL MATERIAL MUST BE CLEAN, FREE DRAINING PITRUN SAND AND GRAVEL / BLAST ROCK / GRANULAR MATERIAL WITH MAXIMUM 250mm AGGREGATE SIZE WITH A MAXIMUM 5% FINES AND NO ORGANICS.

12.1.3REMOVE SNOW, ICE, CONSTRUCTION DEBRIS, ORGANIC SOIL AND STANDING WATER FROM SPACES TO BE FILLED.

12.1.4MAINTAIN EVEN LEVELS AROUND STRUCTURES AS WORK PROGRESSES, TO EQUALIZE EARTH PRESSURES.

12.1.5FILL PLACED IN MAXIMUM 300mm LIFTS AND COMPACTED TO 95% STANDARD PROCTOR DENSITY OR POR JUDGED EQUIVALENT, ADDING WATER IF REQUIRED TO ACHIEVE THE SPECIFIED DENSITY.

12.2 TRAIL SURFACING

12.2.1CLEAN FREE DRAINING ANGULAR CRUSH, AND/OR GRAVEL WITH A MAXIMUM AGGREGATE SIZE OF 9mm AND A MAXIMUM FINES CONTENT (SILT/CLAY PARTICLES) OF 5%, COMMONLY KNOWN AS (CART PATH, 9mm MINUS, CRUSHER DUST), SURFACING TO BE APPROVED BY THE CVRD.

12.2.2SURFACING PLACED A MINIMUM OF 200mm THICK.

12.3 IDENTIFICATION AND MANAGEMENT OF ACID ROCK DRAINAGE (ARD), POTENTIAL ACID GENERATING (PAG), AND METAL LEACHING (ML) ROCK IS OUTSIDE OF STONECROFT SCOPE.

12.4 WHERE FOUNDATION MATERIALS ENCOUNTERED DO NOT MEET DESIGN ASSUMPTIONS SHOWN ON THE DRAWINGS, THE POR MUST BE CONSULTED PRIOR TO ADDITIONAL EXCAVATION.

13.0 GRADING

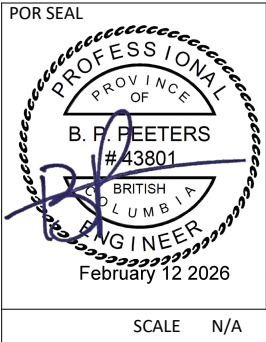
13.1 GRADE SO THAT WATER WILL DRAIN AWAY FROM THE BRIDGE APPROACHES TO SETTLEMENT PONDS / CATCH BASINS AND OTHER DISPOSAL AREAS APPROVED BY THE POR AND ENVIRONMENTAL MONITOR.

13.2 CONSTRUCT APPROACH FILLS TO LINES AND GRADES SHOWN ON DRAWINGS.

14.0 SIGNAGE AND APPROACH BARRIERS

14.1 BRIDGE AHEAD / CYCLISTS DISMOUNT SIGNS SHALL BE INSTALLED ON BOTH APPROACHES AS DIRECTED BY THE OWNER REPRESENTATIVE.

14.2 SPLIT CEDAR FENCING TO BE INSTALLED ON BOTH APPROACHES TO DIRECT USERS TOWARDS BRIDGE.

POR SEAL 	PREPARED FOR  COMOX VALLEY REGIONAL DISTRICT SEAL BAY NATURE PARK			
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	GENERAL ARRANGEMENT OF		SEAL BAY NATURE PARK - SEAL LOOP	OPTION 1
	SCALE	N/A	NOTES	DRAWING NO. 26-219 A1-2, SHEET 2 of 8

REVISION DATE: FEB/12/2026

This drawing is part of a bound set, as defined by the drawing list, and is not to be used outside of the complete set.

S:\ENGINEERING\PROJECT FILES\219 - COMOX VALLEY REGIONAL DISTRICT CVRD\SEAL BAY NATURE PARK\26-219A\1.0 DRAWINGS AND REPORTS\OPT1 - SEAL BAY NATURE PARK.DWG

15.0 ENVIRONMENTAL CONSIDERATIONS

- 15.1 STREAM CLASSIFICATION:
- S5 (NON-FISH) AS DETERMINED BY CVRD.
- 15.2 INSTREAM WORK:
- REMOVAL OF EXISTING STRUCTURE.
- 15.3 ENVIRONMENTAL MANAGEMENT PLAN:
- REFER TO THE ENVIRONMENTAL MANAGEMENT PLAN (BY OTHERS) FOR INFORMATION PERTAINING TO FISH AND RIPARIAN HABITAT PROTECTION, SEDIMENT MANAGEMENT AND DELETERIOUS MATERIAL MANAGEMENT.
- 15.4 TIMING:
- AS SPECIFIED IN THE ENVIRONMENTAL MANAGEMENT PLAN.

16.0 SAFETY CONSIDERATIONS

- 16.1 A PRECONSTRUCTION MEETING WILL BE HELD PRIOR TO ANY WORK OUTLINING THE SAFETY AND ENVIRONMENTAL CONCERNS OF THE PROJECT.
- 16.2 ALL WORKS MUST COMPLY WITH BRITISH COLUMBIA OCCUPATIONAL HEALTH AND SAFETY REGULATIONS. WHERE THESE DRAWINGS CONFLICT WITH WORKSAFE BC (WSBC) REGULATIONS, WSBC REGULATIONS MUST GOVERN.
- 16.3 COMOX VALLEY REGIONAL DISTRICT OPERATIONAL SAFETY PLANS / RAINFALL SHUTDOWN GUIDELINES (BY OTHERS) MUST BE STRICTLY ADHERED TO.
- 16.4 SAFE WORK PROCEDURES ARE TO BE DEVELOPED DURING CONSTRUCTION TO MITIGATE HAZARDS AS THEY APPEAR.

17.0 ESTIMATED VOLUMETRICS

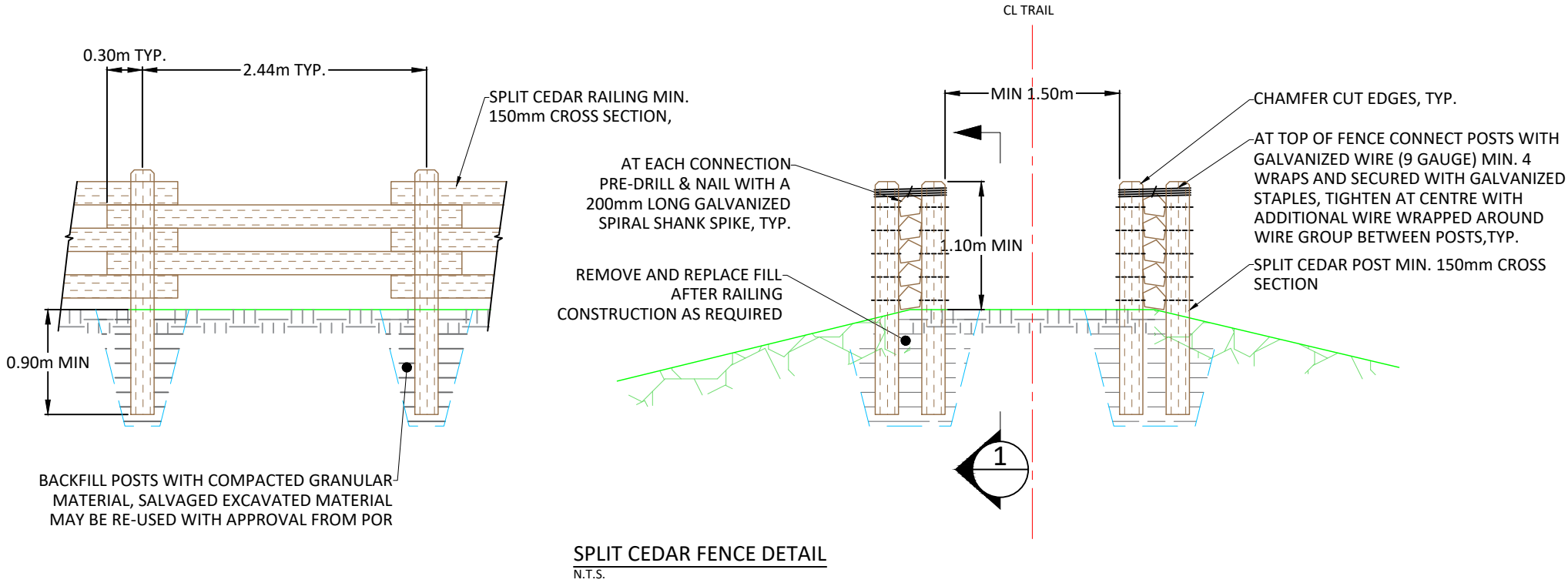
- 17.1 THE FOLLOWING VOLUMES ARE ESTIMATES ONLY BASED ON BEST AVAILABLE INFORMATION AT TIME OF SITE INSPECTION AND PROFESSIONAL JUDGMENT, AND MUST BE CONFIRMED BY THE CONTRACTOR.
- 17.2 CUT VOLUME IN TABLES INCLUDE BOTH ORGANICS/OVERBURDEN/TILL (TO BE SPOILED) AND ROCK/GRANULAR MATERIAL (MAY BE USED WITH APPROVAL OF POR).

ESTIMATED VOLUMETRICS REQUIRED	
QUANTITY (m³)	DESCRIPTION
2	LEVELING COARSE (9mm MINUS) (IN PLACE)
10	9mm MINUS WELL GRADED TRAIL SURFACING (IN PLACE)
8	COMPACT FREE DRAINING BRIDGE END FILL (IN PLACE)
5	CUT (IN BANK)

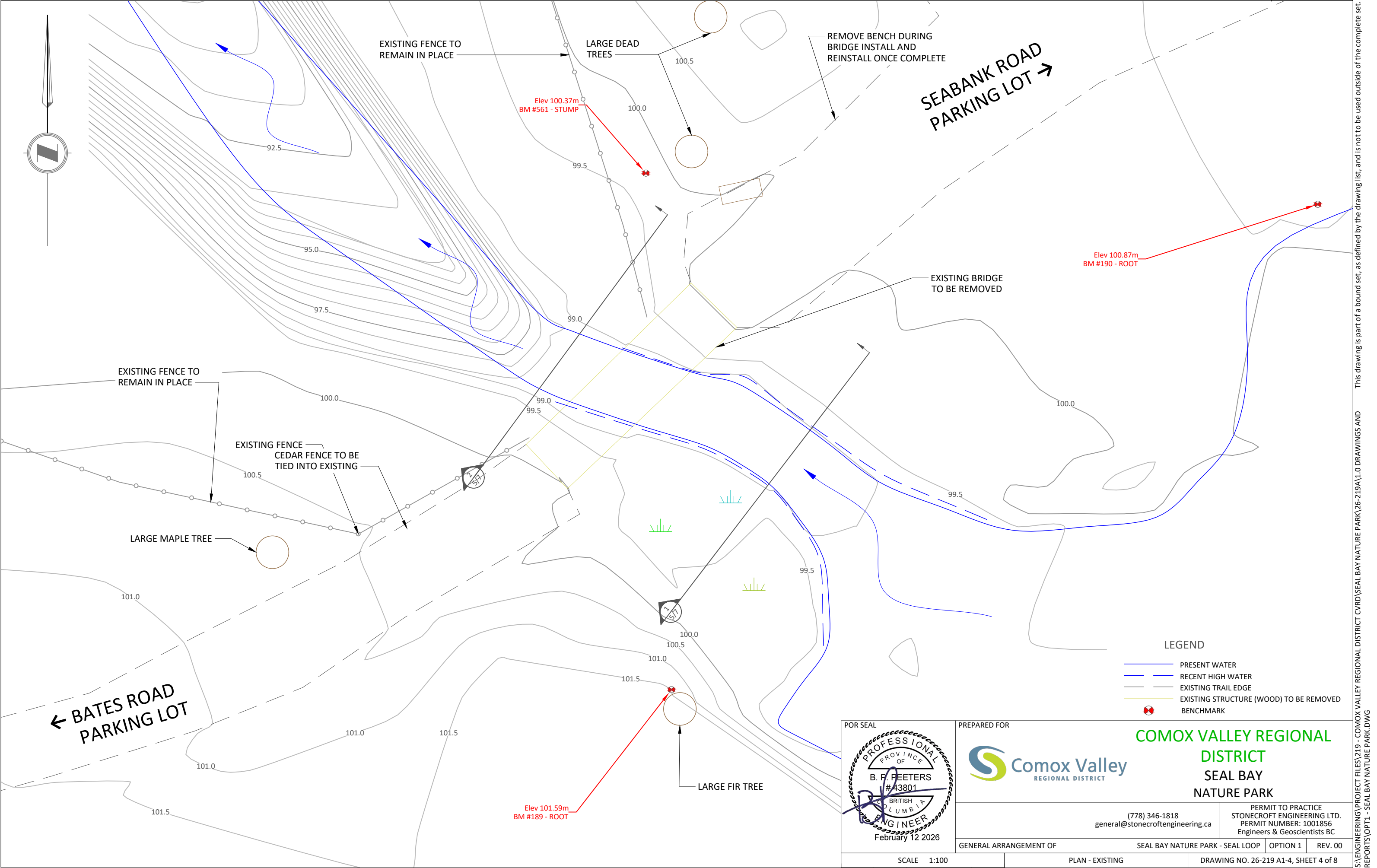
QUANTITY	MATERIAL DESCRIPTION (TO BE CONFIRMED BY CONTRACTOR)
1	12.19m (40') x 1.5m (5') WIDE ALUMINUM TRUSS PEDESTRIAN BRIDGE C/W DECKING AND RAILING (RAILING PLANKS SHIPPED LOOSE)
4	1.52m x 0.76m x 0.76m PRECAST CONCRETE BLOCKS
4	UHMWPE BEARINGS
4	12mm X 200mm ANCHOR BOLTS
(2) - 6.1m LENGTHS	LP8 NON-WOVEN GEOTEXTILE (OR APPROVED EQUAL)
10 LIN. METRES	LEFT BANK SPLIT CEDAR FENCE
12 LIN. METRES	RIGHT BANK SPLIT CEDAR FENCE

BENCHMARK LOCATION TABLE				
BENCHMARK #	DESCRIPTION	NORTHING (Y)	EASTING (X)	ELEVATION (Z)
BM189	BM #189 - ROOT	4987.886	1995.841	101.585
BM190	BM #190 - ROOT	5002.749	2015.629	100.872
BM561	BM #561 - STUMP	5003.703	1995.057	100.370

WORK POINT LOCATION TABLE				
WORK POINT #	DESCRIPTION	NORTHING (Y)	EASTING (X)	ELEVATION (Z)
WP 1	BATES ROAD END OF BRIDGE - BOTTOM OF BEARING PLATE	4992.505	1990.974	100.190
WP 2	SEABANK ROAD END OF BRIDGE - BOTTOM OF BEARING PALTE	5001.446	1999.262	100.070



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	GENERAL ARRANGEMENT OF		SEAL BAY NATURE PARK - SEAL LOOP	OPTION 1
SCALE N/A		NOTES		DRAWING NO. 26-219 A1-3, SHEET 3 of 8



LEGEND

- PRESENT WATER
- RECENT HIGH WATER
- EXISTING TRAIL EDGE
- EXISTING STRUCTURE (WOOD) TO BE REMOVED
- BENCHMARK



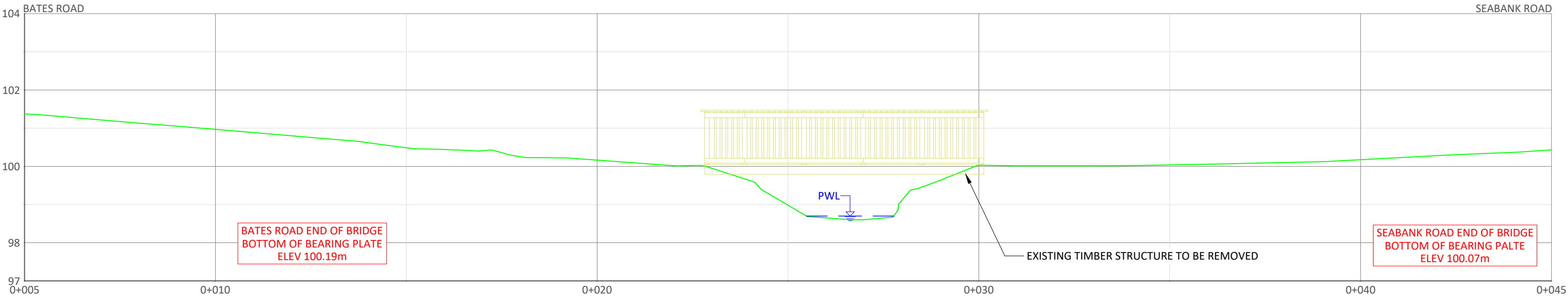
PREPARED FOR

COMOX VALLEY REGIONAL DISTRICT
SEAL BAY NATURE PARK

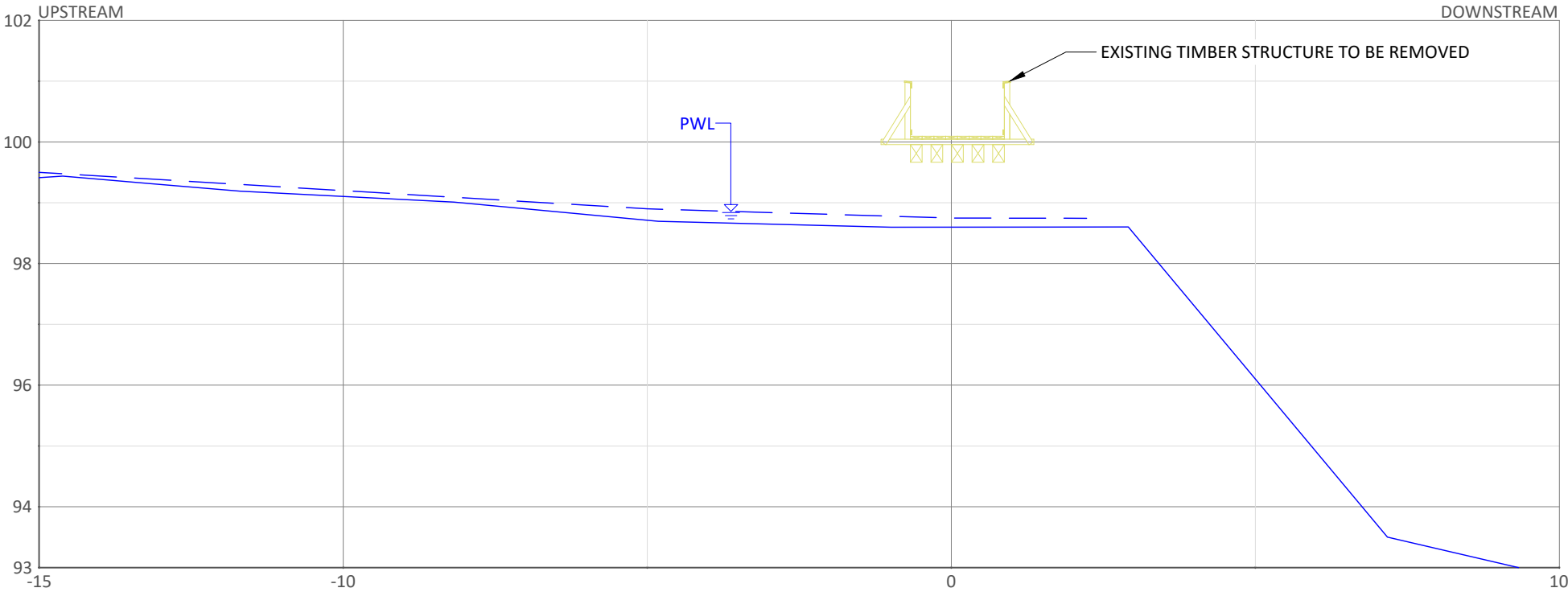
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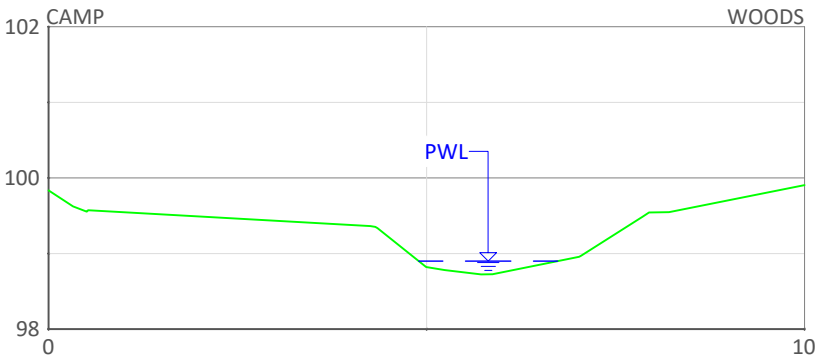
GENERAL ARRANGEMENT OF	SEAL BAY NATURE PARK - SEAL LOOP	OPTION 1	REV. 00
SCALE 1:100	PLAN - EXISTING	DRAWING NO. 26-219 A1-4, SHEET 4 of 8	REVISION DATE: FEB/12/2026



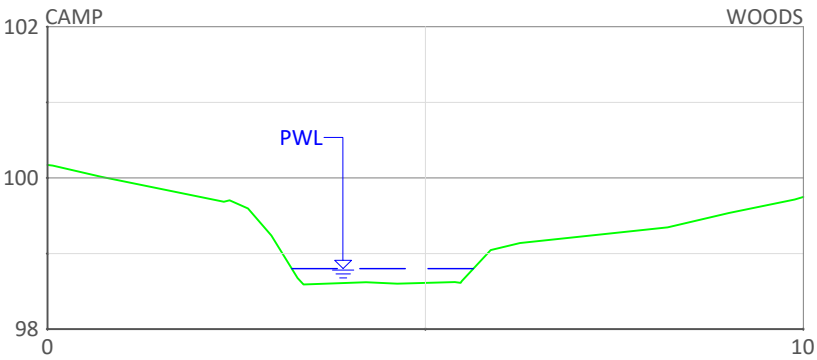
TRAIL PROFILE
SCALE: 1:100



STREAM PROFILE
SCALE: 1:100



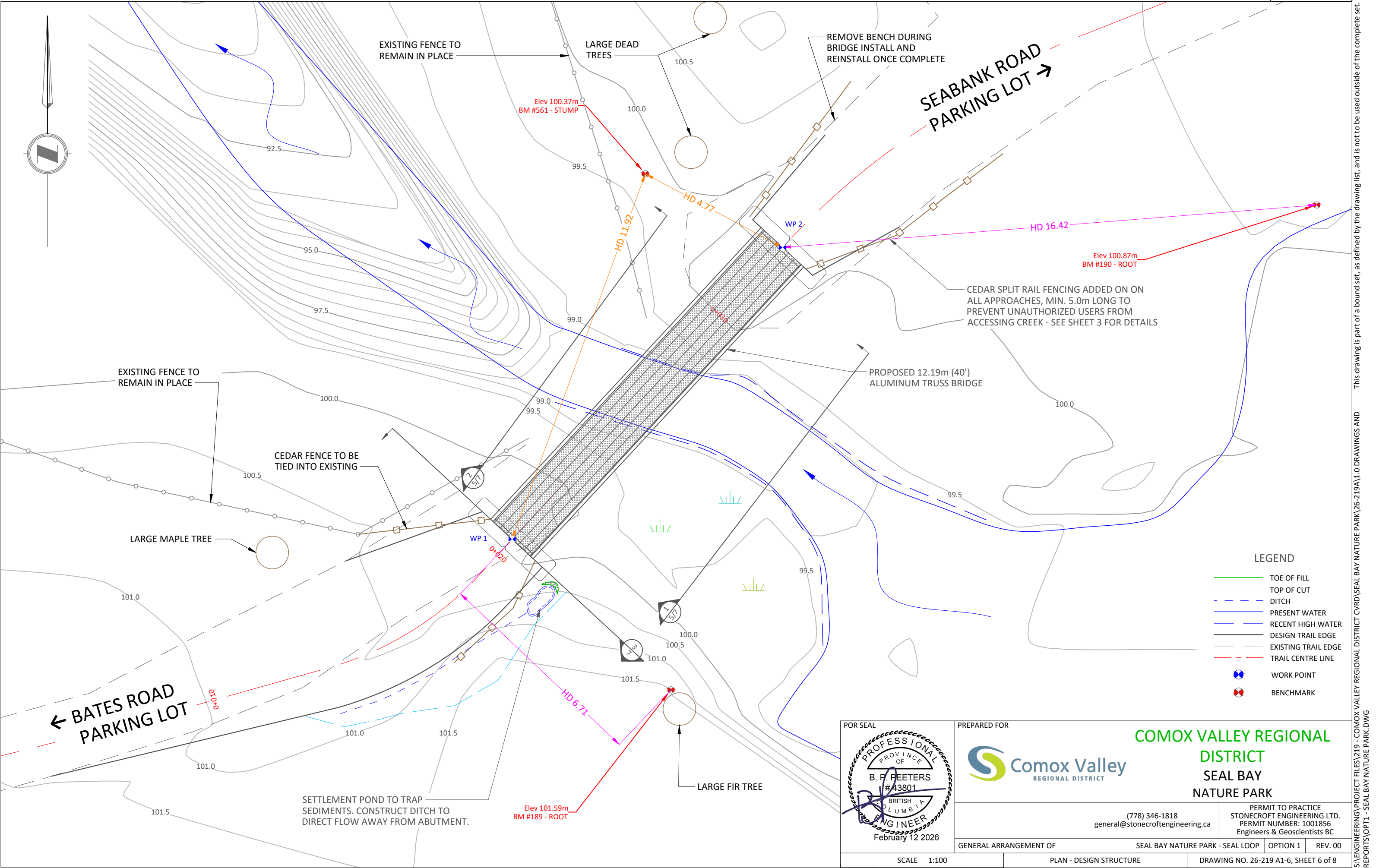
1
4 STREAM SECTION: 5m UPSTREAM
SCALE: 1:100

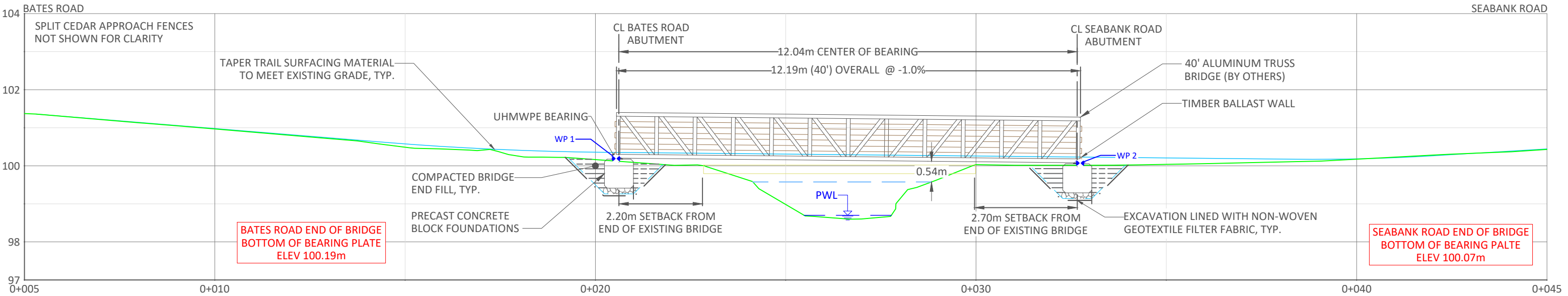


2
4 STREAM SECTION: 2m DOWNSTREAM
SCALE: 1:100

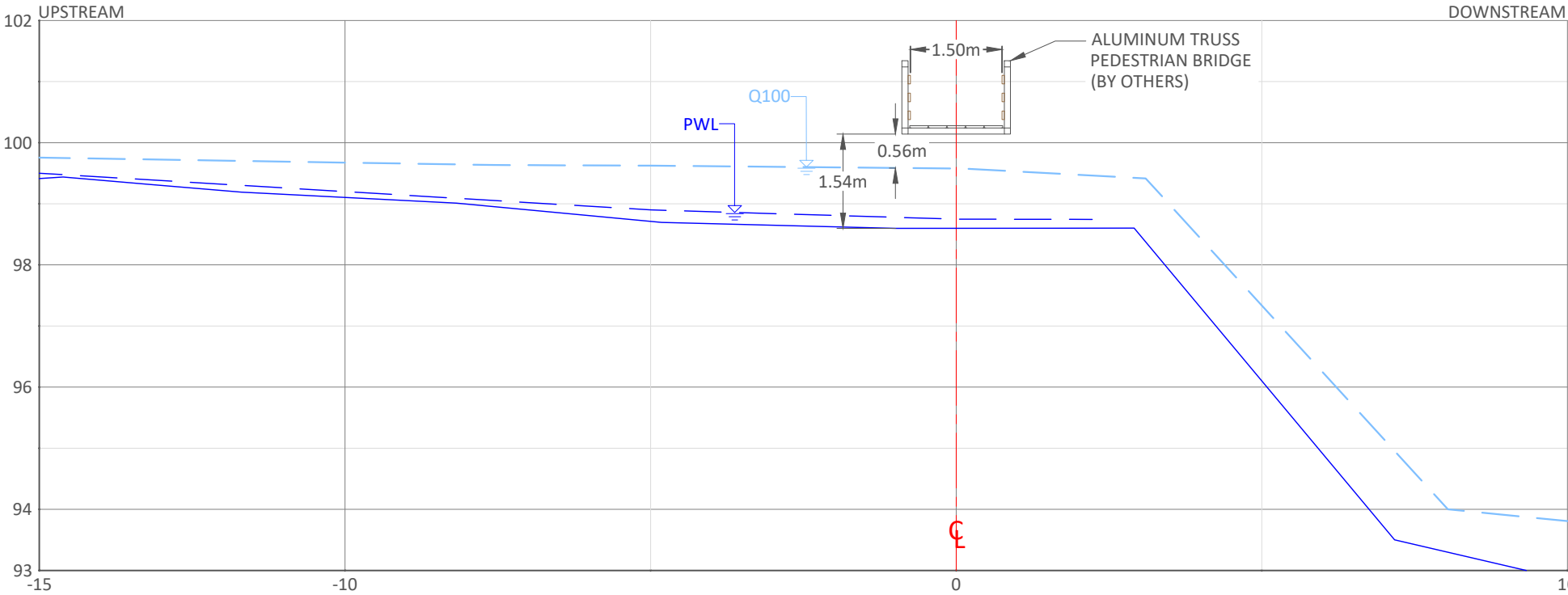
- LEGEND
- EXISTING GRADE
 - STREAM BED
 - EXISTING STRUCTURE (WOOD) TO BE REMOVED

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	<table><tr><td>GENERAL ARRANGEMENT OF</td><td>SEAL BAY NATURE PARK - SEAL LOOP</td><td>OPTION 1</td><td>REV. 00</td></tr></table>				GENERAL ARRANGEMENT OF	SEAL BAY NATURE PARK - SEAL LOOP	OPTION 1
GENERAL ARRANGEMENT OF	SEAL BAY NATURE PARK - SEAL LOOP	OPTION 1	REV. 00				

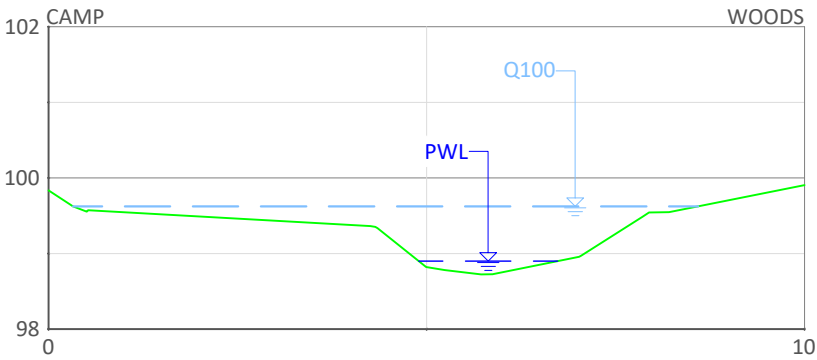




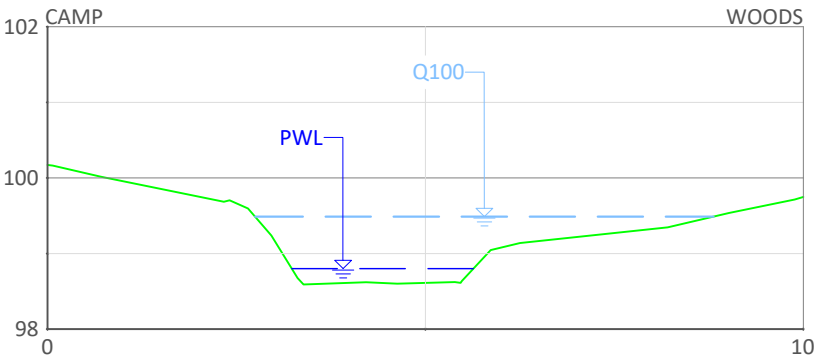
TRAIL PROFILE
SCALE: 1:100



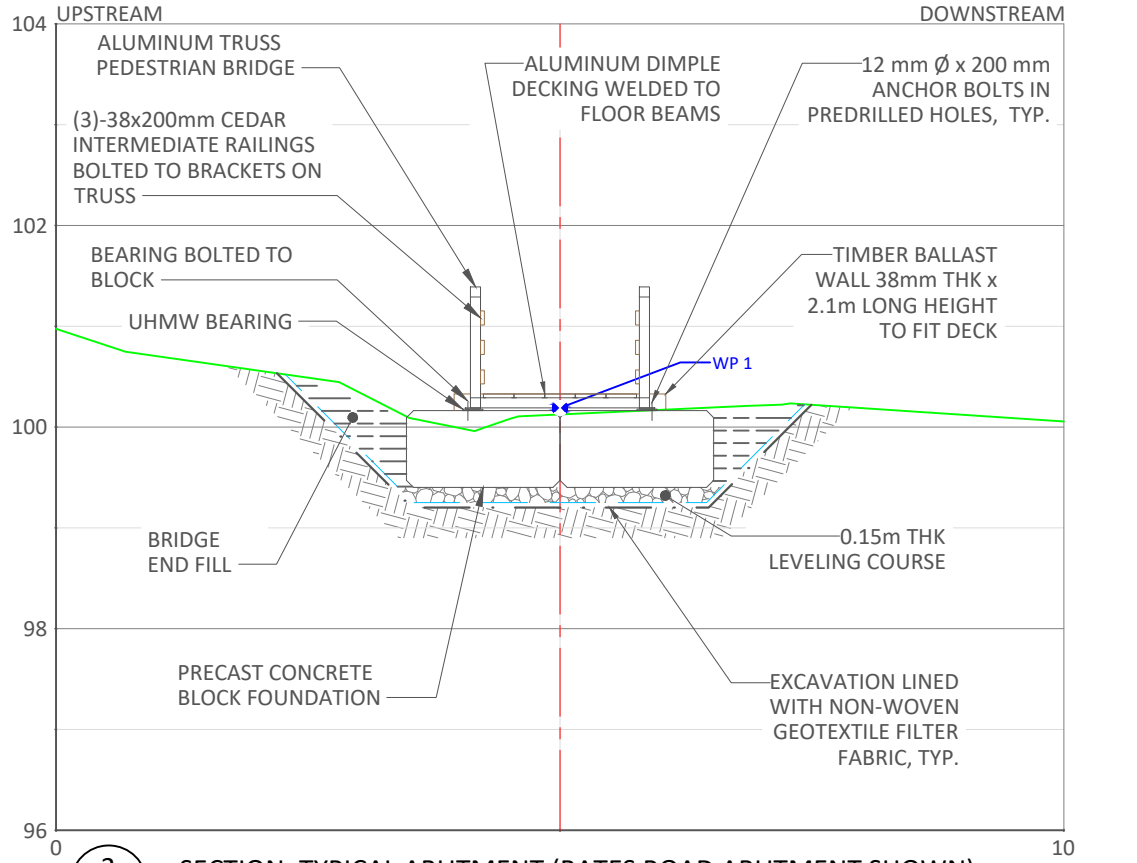
STREAM PROFILE
SCALE: 1:100



1
6 STREAM SECTION: 5m UPSTREAM
SCALE: 1:100



2
6 STREAM SECTION: 2m DOWNSTREAM
SCALE: 1:100



3
6 SECTION: TYPICAL ABUTMENT (BATES ROAD ABUTMENT SHOWN)
SCALE: 1:75

- LEGEND
- EXISTING GRADE
 - DESIGN GRADE
 - EXCAVATION LINE
 - Q100
 - PRESENT WATER LEVEL (AT TIME OF SURVEY)
 - STREAM BED
 - ARMTEC #250, OR EQUAL, NON-WOVEN GEOTEXTILE
 - DESIGN STRUCTURE (WOOD)
 - DESIGN STRUCTURE (CONCRETE OR ALUMINUM)
 - EXISTING STRUCTURE (WOOD) TO BE REMOVED
 - WORK POINT

POR SEAL

PROFESSIONAL
OF
B. P. PEETERS
#43801
BRITISH
COLUMBIA
ENGINEER
February 12 2026

PREPARED FOR

Comox Valley
REGIONAL DISTRICT

COMOX VALLEY REGIONAL DISTRICT
SEAL BAY NATURE PARK

(778) 346-1818
general@stonecroftengineering.ca

PERMIT TO PRACTICE
STONECROFT ENGINEERING LTD.
PERMIT NUMBER: 1001856
Engineers & Geoscientists BC

GENERAL ARRANGEMENT OF	SEAL BAY NATURE PARK - SEAL LOOP	OPTION 1	REV. 00
SCALE 1:100	PROFILES - DESIGN STRUCTURE	DRAWING NO. 26-219 A1-7, SHEET 7 of 8	REVISION DATE: FEB/12/2026



APPROACH FROM SEABANK ROAD PARKING LOT



FACING TRAIL TO SEABANK PARKING LOT



UPSTREAM



DOWNSTREAM



WATERFALL DOWNSTREAM



DOWNSTREAM PROFILE

PREPARED FOR



COMOX VALLEY REGIONAL DISTRICT
SEAL BAY NATURE PARK

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GENERAL ARRANGEMENT OF

SEAL BAY NATURE PARK - SEAL LOOP

SCALE	N/A	OPTION 1	REV. 00	DRAWING NO. 26-219 A1-8, SHEET 8 of 8
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This drawing is part of a bound set, as defined by the drawing list, and is not to be used outside of the complete set.

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