

Navigation Protection Program (NPP)
820-800 Burrard Street
Vancouver BC
V6Z 2J8

APPROVAL

OWNER: BC Hydro and Power Authority
P.O. Box GEORGIA Street West
VANCOUVER British Columbia V6E 4M3
Canada

WORK(S): Bridge

SITE LOCATION: Located across Peace River, approximately at 56° 2' 53.7" N, 121° 51' 40.32" W, located on unsurveyed foreshore or land covered by water being part of the bed of Peace River, Part of Island No.3, Section 29 Township 81, Range 25, West of The 6th Meridian, Peace River District, Hudson's Hope, in the Province of British Columbia.

As per the application (detailed above) to the Minister of Transport, submitted pursuant to the *Canadian Navigable Waters Act*, for an approval of the work per the attached four (4) plan(s), the Minister hereby approves the work pursuant to subsection 7(6) for the construction of the above mentioned work, in accordance with the following terms and conditions:

1. The CNWA Approval and its Terms and Conditions shall be posted at an easily accessible place at the worksite.
2. In the event that the operation of the above works is terminated, it will be the proponent's responsibility to remove the works and associated equipment in its entirety.
3. Install and maintain warning signs at locations approximately 300m west of Western Reservoir Crossing WR2, approximately 450 meters north of Western Reservoir Crossing WR4 and approximately 400 meters west of Western Reservoir Crossing WR3, advising of the work in progress. Signs shall be a minimum of 72"x 48", a white background with black lettering, with text as outlined below. Sign to be emplaced prior to and for the duration of construction.

WARNING NO ACCESS KEEP TO THE MAIN CHANNEL

4. During construction, the outermost extent of the work above the surface of the water shall be marked with orange Hi-visibility markers on the upstream and downstream corners.
5. During construction, the outermost extent of the work above the surface shall be marked with a flashing yellow light on the upstream and downstream sides. The lights are to be in operation in darkness or limited visibility.
6. Construction machinery left in the water during darkness or limited visibility shall be marked with a flashing yellow light, visible to upstream and downstream traffic.
7. Any construction equipment anchored or left in or on the waterway shall be marked with a yellow flashing light placed on the outermost extremity if left overnight.

8. During open water season the bridge spans shall be marked using a flashing yellow light facing upstream and downstream and operating during times of darkness and limited visibility.
9. Upon completion of the associated vegetation clearing project, the works and associated equipment shall be completely removed without delay.
10. The upstream and downstream edges of the causeway shall be marked with orange Hi-visibility markers, evenly spaced every 20m on both the upstream and downstream sides, until the causeways are submerged due to inundation.
11. The owner shall conduct an Airborne LIDAR survey of the reservoir area post construction and clearing, but prior to the filling of the reservoir. This survey shall be the basis for mapping of the reservoir for boating.

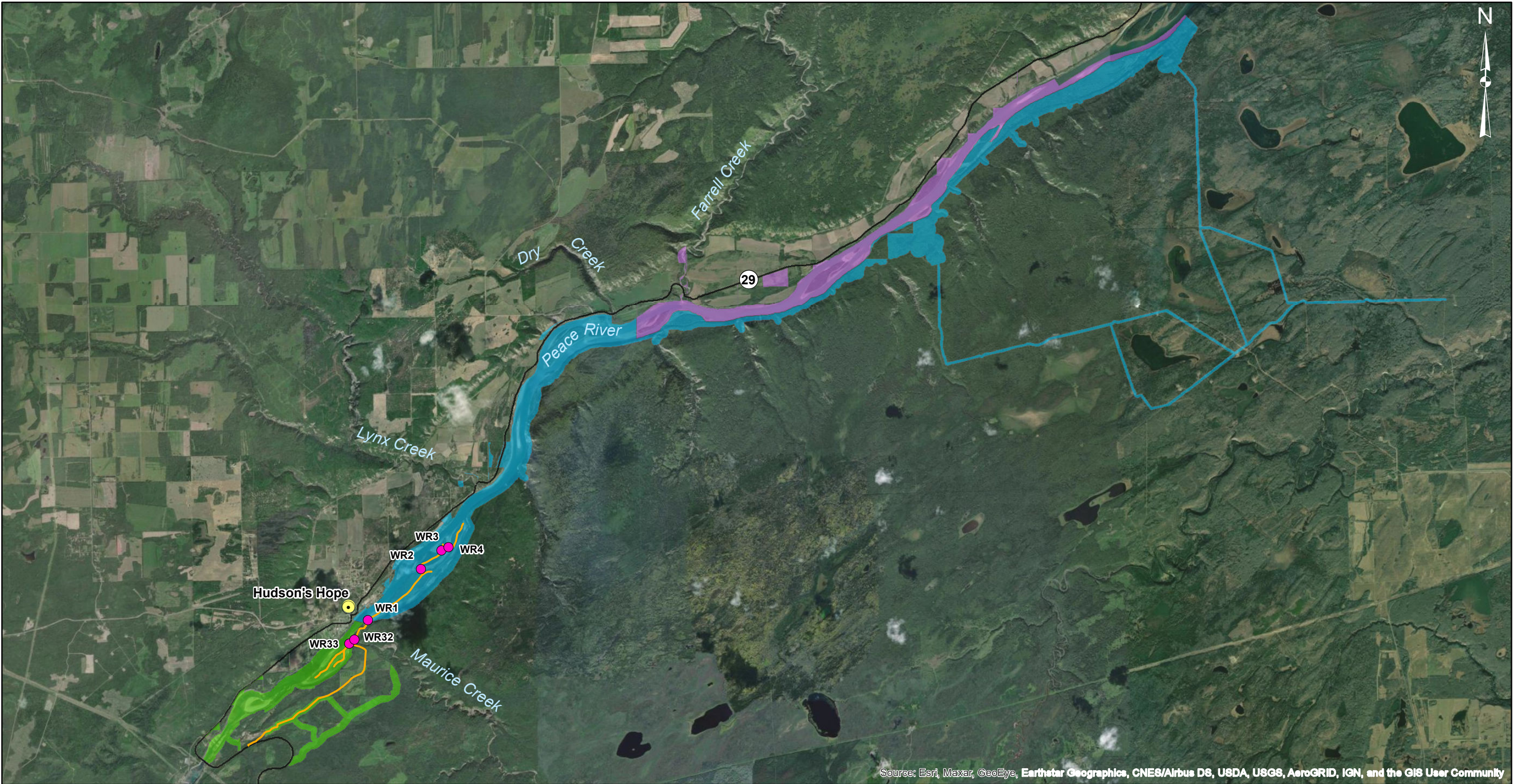
SIGNED ON JULY 23, 2021
at the NPP regional office of Pacific

Leung,
Eric

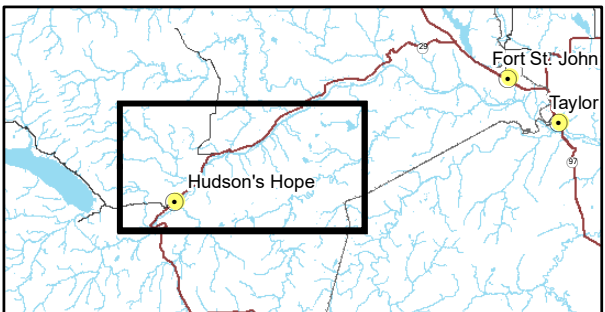
Digitally signed by Leung, Eric
DN: C=CA, O=GC, OU=TC-TC,
CN="Leung, Eric"
Reason: I am the author of this
document
Location: your signing location here
Date: 2021.07.23 15:04:41-07'00'
Foxit PDF Editor Version: 11.0.0

Eric Leung
NPP Officer
Programs Group
Transport Canada
Pacific Region
For the Minister of Transport

Path: X:\ArcGIS\Projects\Permitting\Federal_Permitting\NavProAct\WR_FC_PCN_Crossings\WesternReservoir_FC_PCN_Crossings\Overview_1016-N11-01109-1.mxd



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



Map Notes:
1. Datum: NAD83
2. Projection: UTM Zone 10N
3. Base Data: Province of B.C.
4. Imagery: ESRI Online Basemapping.

© BC Hydro 2021 - all rights reserved. This map is for information purposes only and accuracy is not guaranteed.

- Legend**
- Crossings
 - OLTC 20A
 - OLTC 20B
 - OLTC 21
 - Roads
 - Existing Highway



Transports
Canada



Transport
Canada

Reviewed/Examiné

Date : 2021-07-22


By/par: 
ERIC LEUNG

2021-504198 1 of 4

Navigation Protection Program/
Programme de protection de la navigation

1:120,000

0 5 km

 **BC Hydro**

Site C Western Reservoir
Farrell Creek to Peace Canyon Dam
Clearing Crossings
CNWA Approval Application
Overview Map

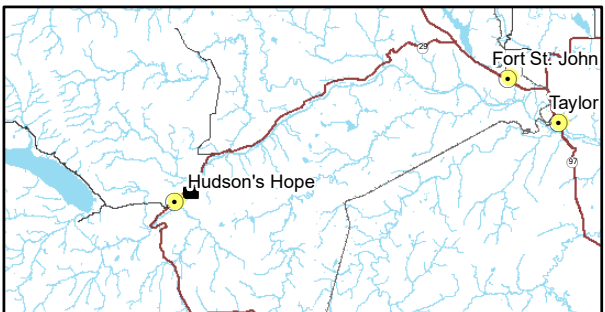
Date	Apr 22, 2021	DWG NO	1016-N11-01109-1	R 0
------	--------------	--------	------------------	-----

Construction of the Site C Clean Energy Project is subject to required regulatory and permitting approvals.

Path: X:\ArcGIS\Projects\Permitting\Federal_Permitting\WesternReservoir_EC_PCN_Crossings\WesternReservoir_EC_PCN_Crossings\WR3_1016_N11_01109-5.mxd



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



Map Notes:
1. Datum: NAD83
2. Projection: UTM Zone 10N
3. Base Data: Province of B.C.
4. Imagery: ESRI Online Basemapping.

© BC Hydro 2021 - all rights reserved. This map is for information purposes only and accuracy is not guaranteed.

- Legend**
- Crossings
 - OLTC 20A
 - OLTC 20B
 - OLTC 21
 - Roads
 - Existing Highway



Transports
Canada



Transport
Canada

Reviewed/Examiné

Date : 2021-07-22


By/par: 
ERIC LEUNG

2021-504198 2 of 4

Navigation Protection Program/
Programme de protection de la navigation

1:5,000

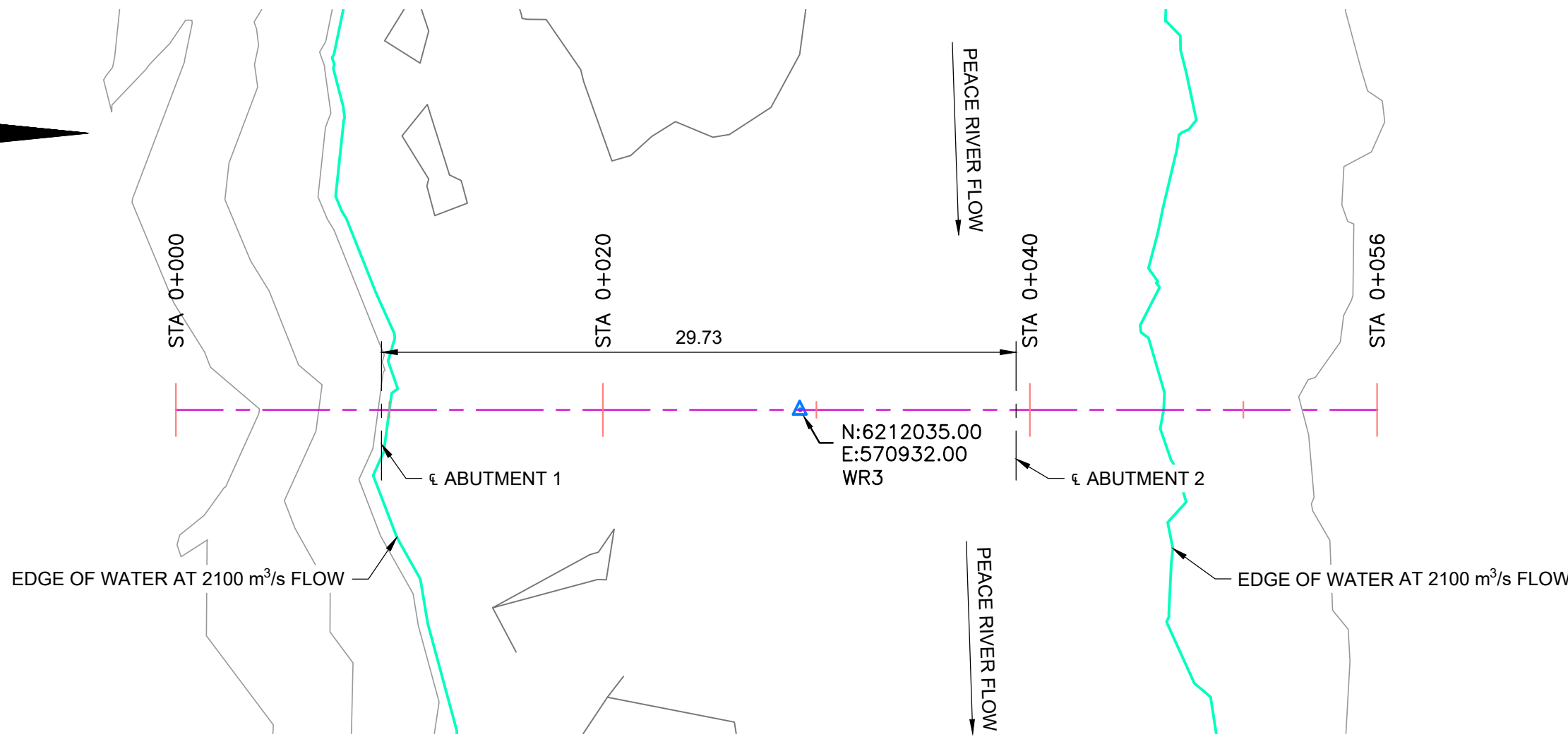
0 200
m

**BC Hydro**

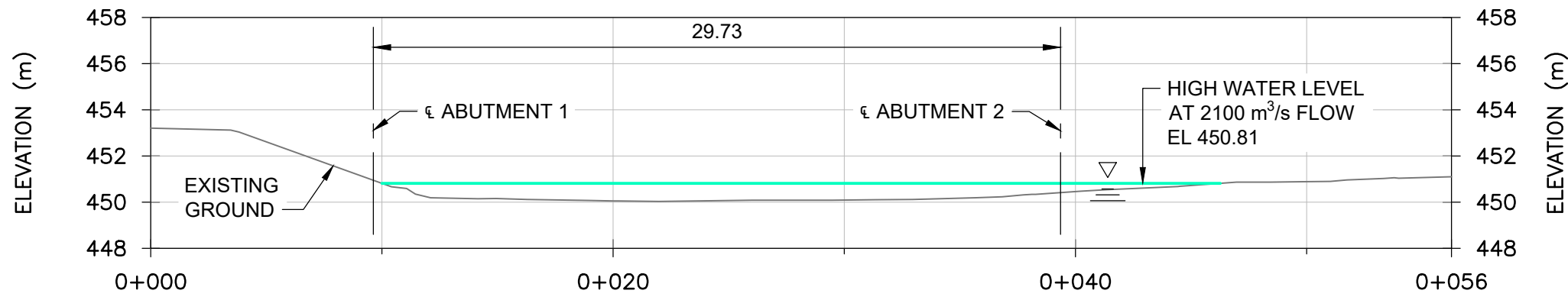
Site C Western Reservoir
Farrell Creek to Peace Canyon Dam
Clearing Crossings
CNWA Approval Application
Crossing WR 3

Date	Apr 23, 2021	DWG NO	1016-N11-01109-5	R 0
------	--------------	--------	------------------	-----

Construction of the Site C Clean Energy Project is subject to required regulatory and permitting approvals.



PLAN
SCALE: A



PROFILE VIEW
SCALE: A

Canada

Transport Canada

Transport Canada

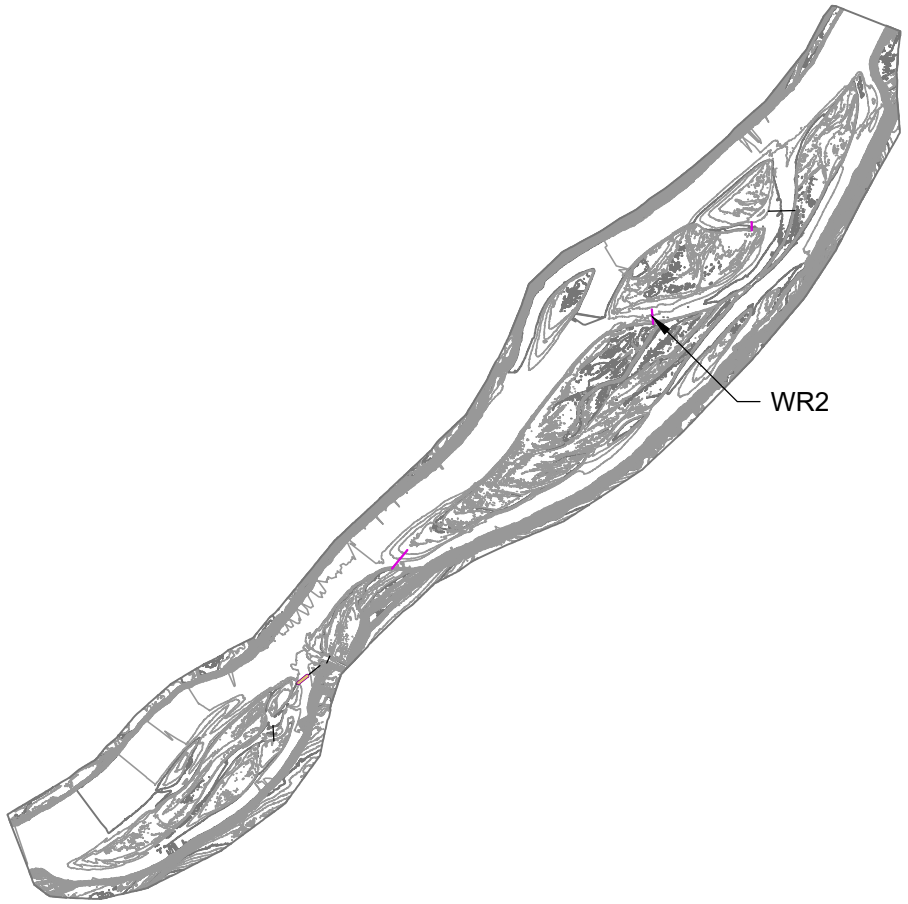
Reviewed/Examiné

Date : 2021-07-22

By/par: 
ÉRIC LEUNG

2021-504198 3 of 4

Navigation Protection Program/
Programme de protection de la navigation



KEYPLAN
NTS

BC Hydro

Contract No


ISSUED FOR INFORMATION ONLY

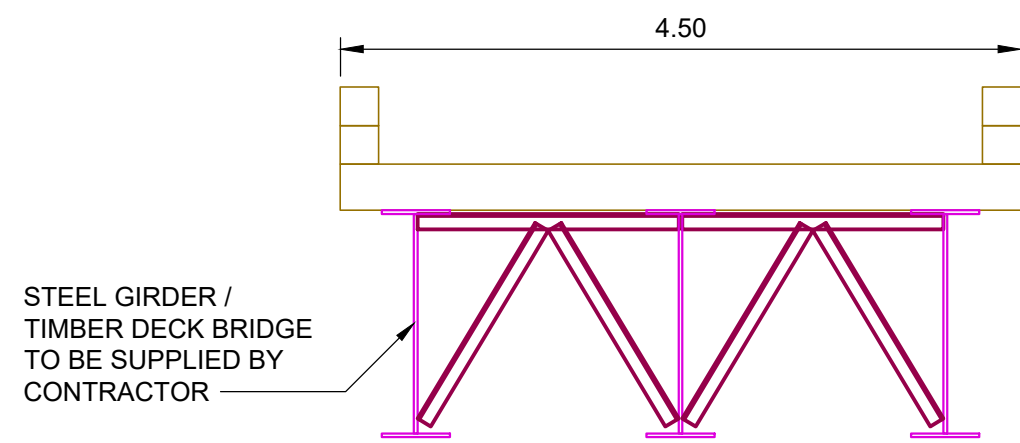
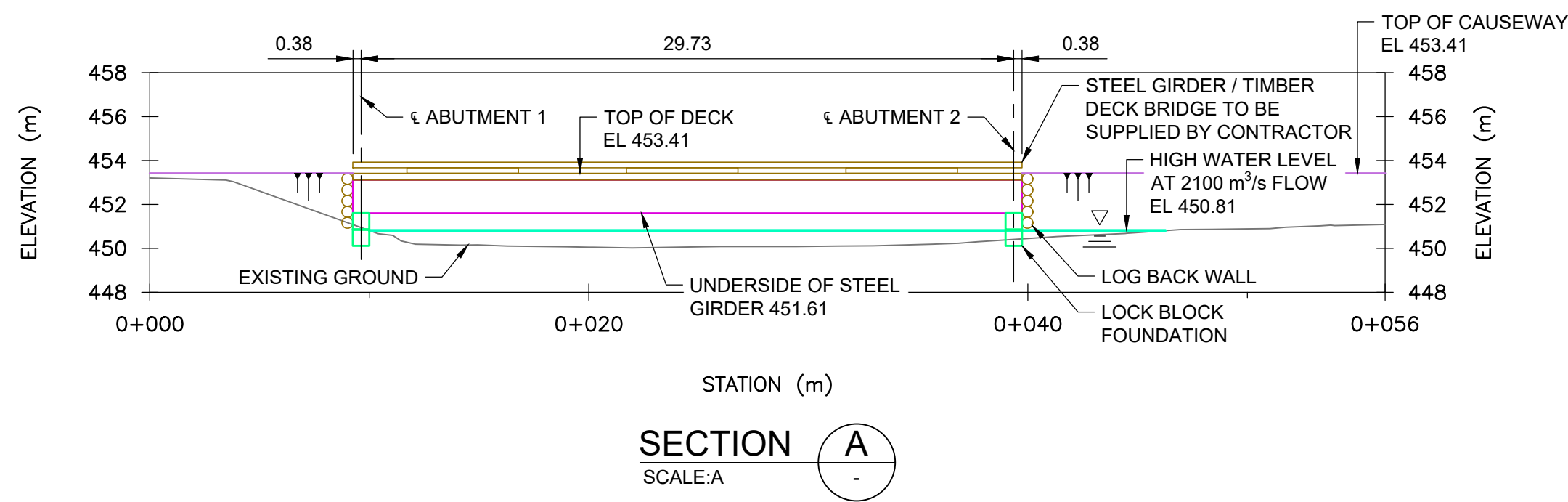
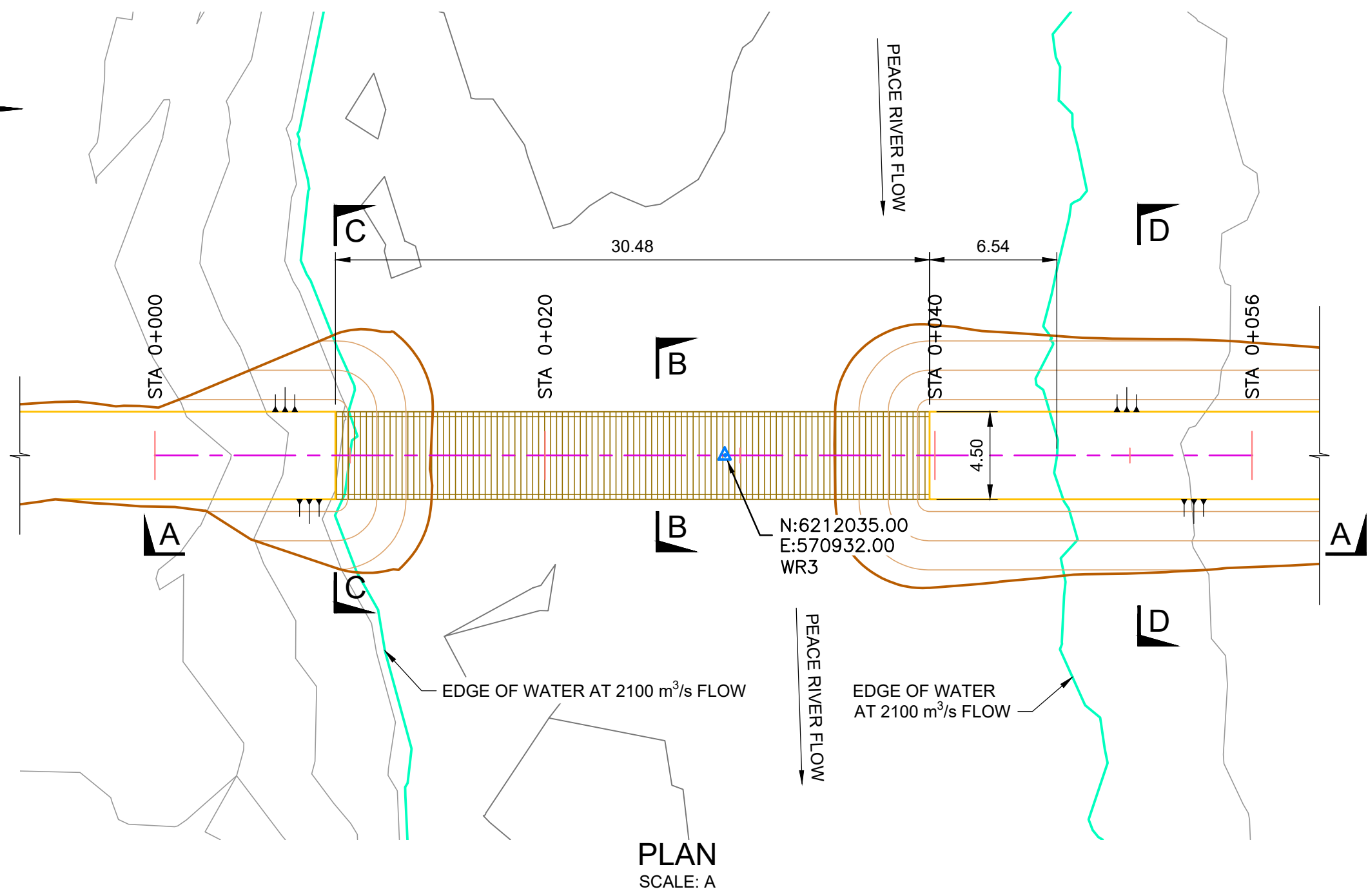
By Date

Hydro's Representative

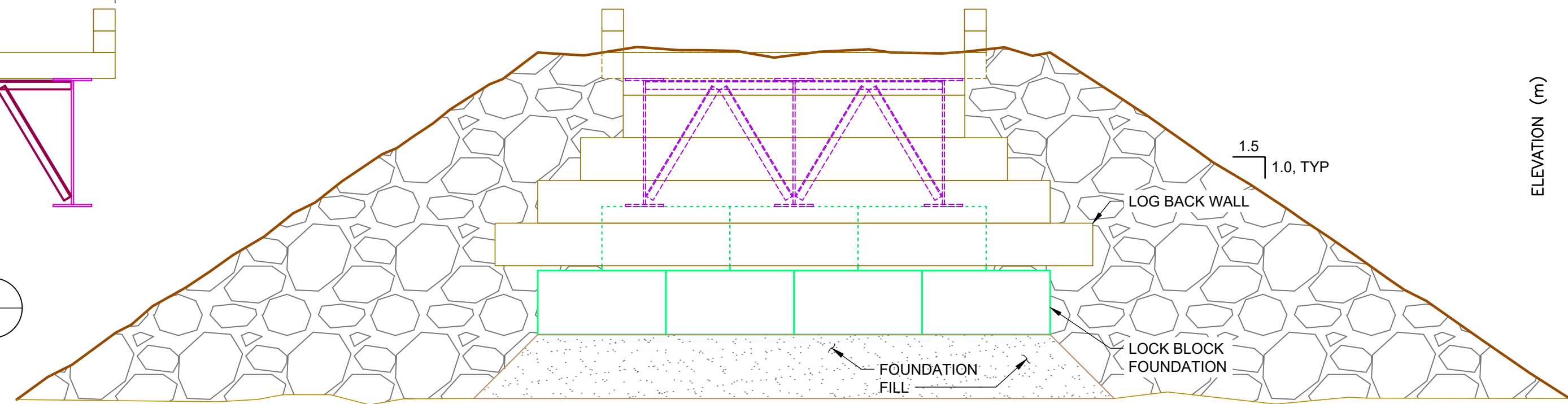


ALL DIMENSIONS ARE IN METRES, UNLESS OTHERWISE SHOWN

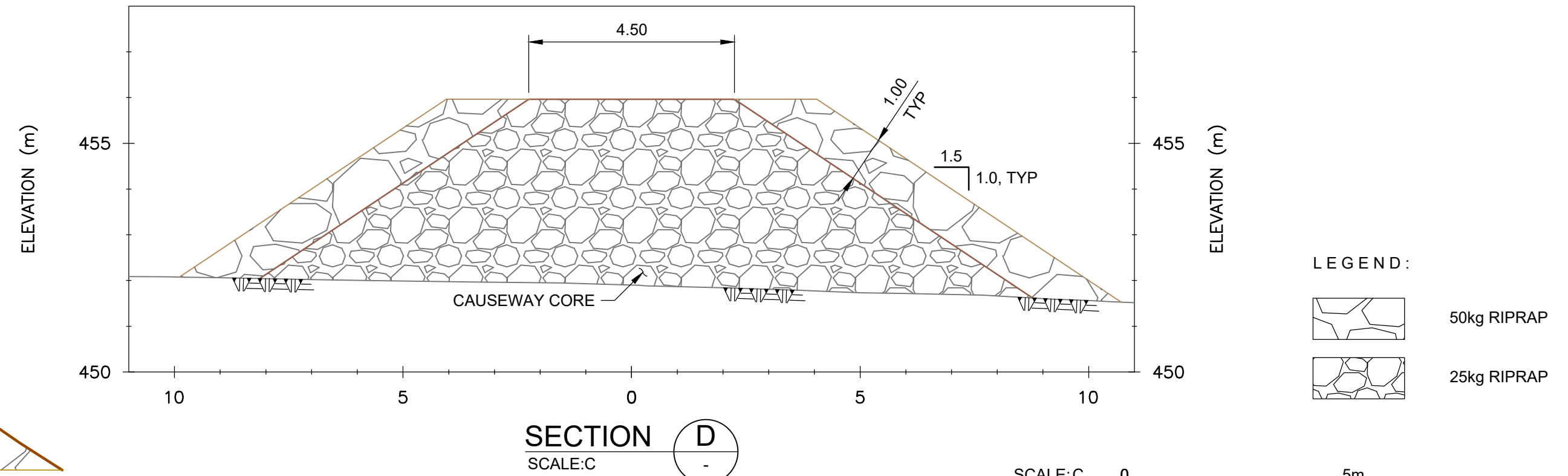
									DSGN						
						DESIGN NUMBER				INDEP CHK					
						WORK ORDER NUMBER									
						CSA S250 ACCURACY NAD - UTM		DFTG		ACZ					
						DFTG CHK									
						BASE ACCURACY LEVEL:		INSP						SITE C WESTERN RESERVOIR WR3 CROSSING EXISTING CONDITIONS PLAN AND PROFILE	
						ASB ACCURACY LEVEL:		REV							
								ACPT							
												DATE		DIST	
												DRAWING NUMBER		REPORT NUMBER	
												1016-C14-03118			
												FIG NO		SIZE	
												D		REV	
														0	



SECTION B
SCALE: B



SECTION C
SCALE: B



SECTION D
SCALE: C

SCALE: C
1:100

SCALE: B
1:50

SCALE: A
1:250

ALL DIMENSIONS ARE IN METRES, UNLESS OTHERWISE SHOWN

BC Hydro Contract No.

ISSUED FOR INFORMATION ONLY

By Date

Hydro's Representative

DESIGN NUMBER	DSGN
WORK ORDER NUMBER	INDEP CHK
CSA S250 ACCURACY NAD - UTM	DFTG ACZ
BASE ACCURACY LEVEL:	DFTG CHK
ASB ACCURACY LEVEL:	INSP
	REV
	ACPT

BC Hydro	
SITE C	
WESTERN RESERVOIR WR3 CROSSING PROPOSED CROSSING PLAN AND SECTIONS	
DATE	DIST
DRAWING NUMBER 1016-C14-03119	REPORT NUMBER
FIG NO	SIZE
D	0