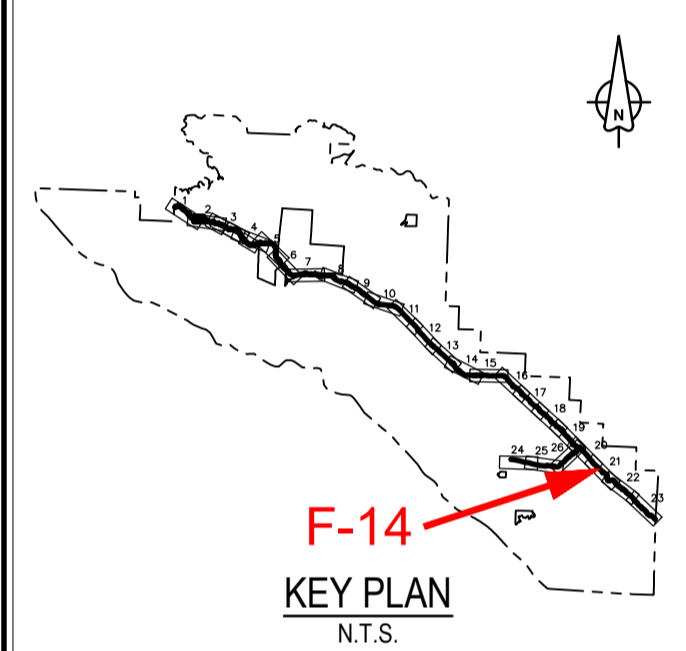


PARSONS



Revision/	Description/Description	Date/Date
3	ISSUED FOR TENDER	08/12/2016
2	ISSUED FOR TENDER	09/11/2016
1	ISSUED FOR TENDER	06/11/2017
0	ISSUED FOR TENDER	07/11/2017

Client/client

Parks Canada L'Agence Parcs
Agency Canada
Western and Northern Region Ouest et Nord du Canada

Project title/Titre du projet
TOFINO
PACIFIC RIM NATIONAL PARK RESERVE
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"Going in the right direction on the trail"

Consultant Signature Only

Designed by/Concept par
DON CHALMERS / 2016-11

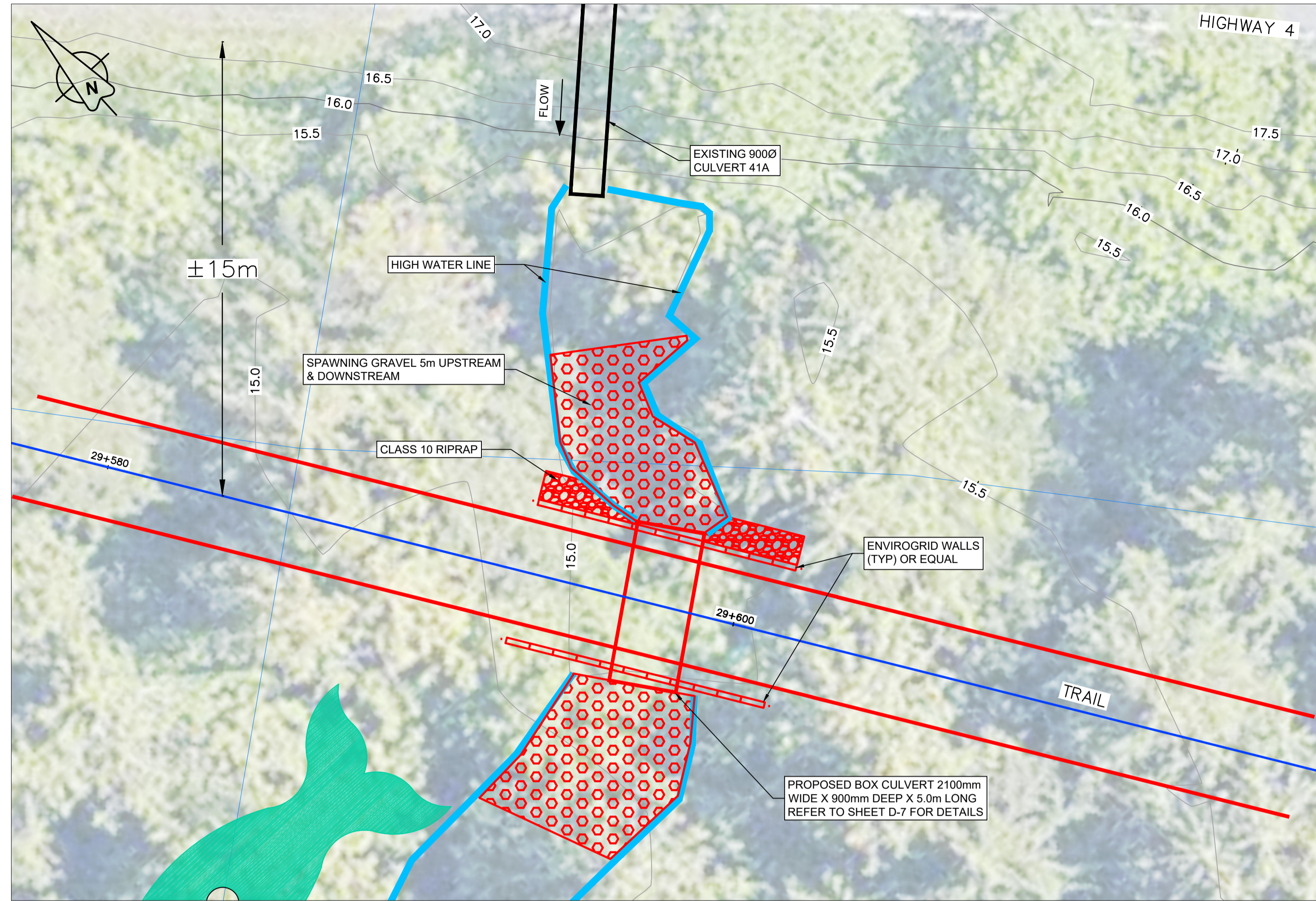
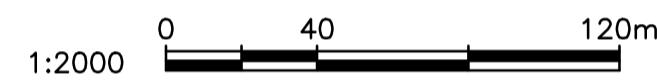
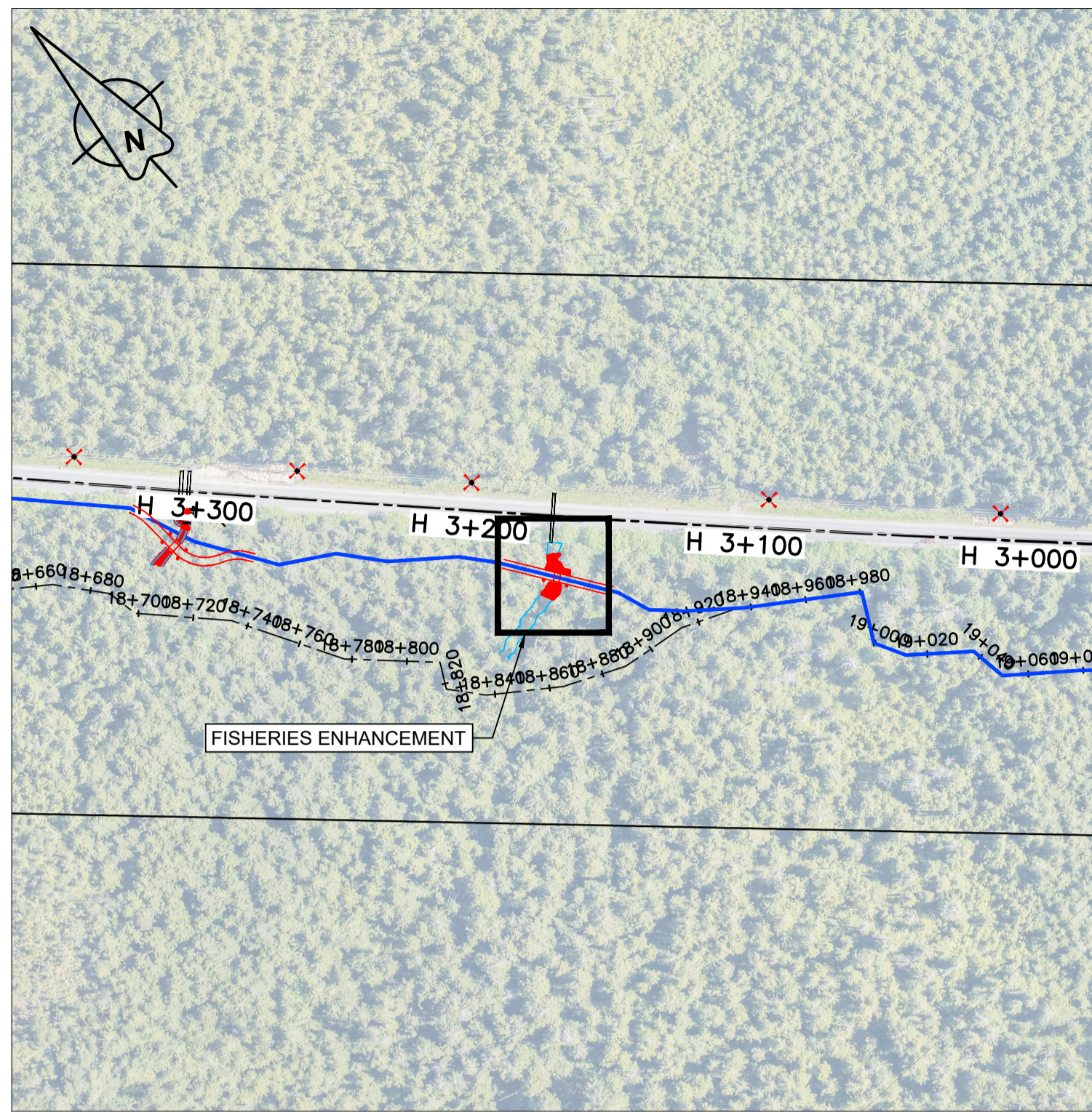
Drawn by/Dessiné par
DAVID COX / 2017-08

PCA Project Manager/Technical Authority
Administrateur de Projets APC
JACKIE HICKS

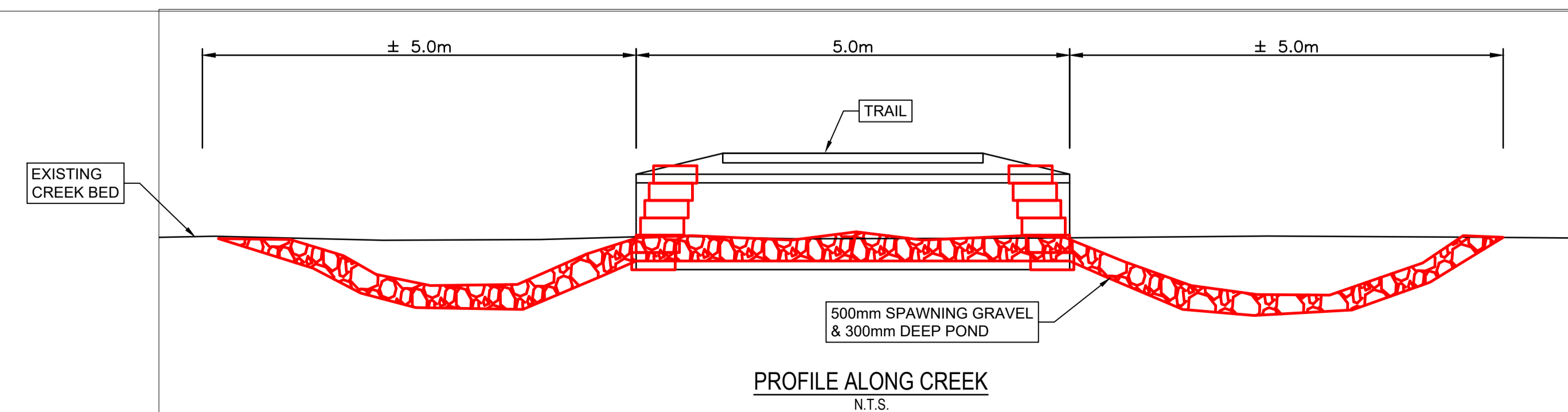
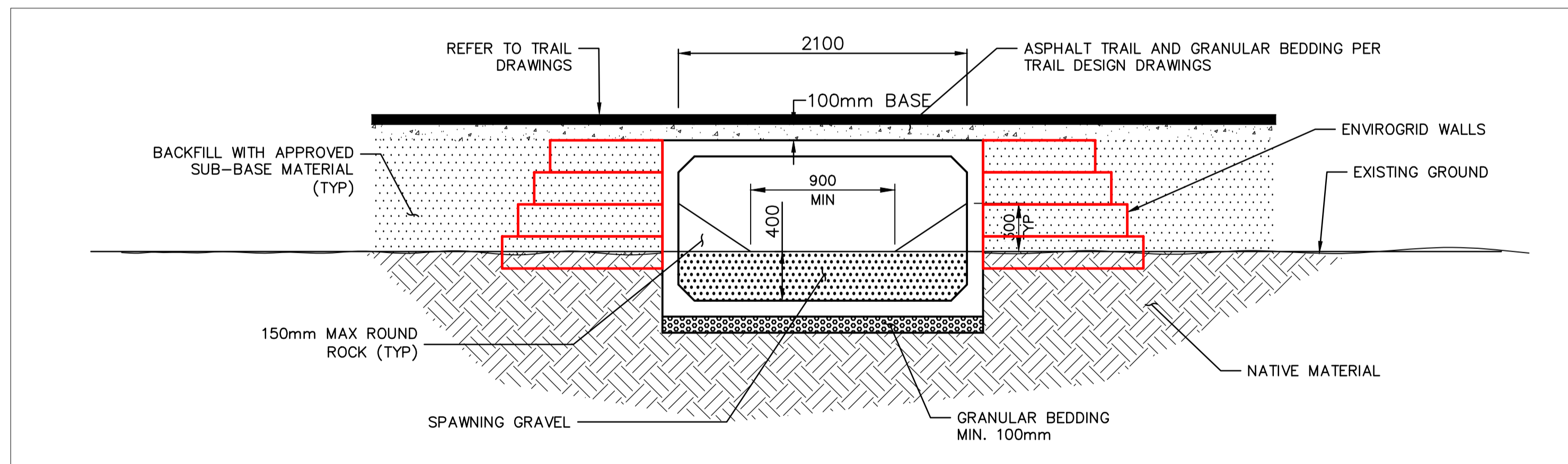
Drawing title/Titre du dessin
ᑕᐱᓂᓕᓴᓴ ᓂᐱᓴᓴ (Ups-cheek ta-shée)
"Going in the right direction on the trail"
CONSTRUCTION PLAN
FISHERIES WORK

CULVERT '41A'
HIGHWAY 4 STA H3+180

Project No./No. du projet PCA #1522	Sheet/Fauille F-14 OF 15	Revision no./ La Révision no. 3
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PLAN
N.T.S.



PROFILE ALONG CREEK
N.T.S.

Fisheries Enhancement	
Existing Cuvlert Information	
Locations:	Highway #4 - Station H3+180 at Culvert 41A
Material:	CSP Galvanized Coating
Diameter:	900mm Circular
Length:	18 metres
Cover over culvert:	0.5 metres
Comments:	Water Passage
Proposed Enhancements	
Crossing located away from culvert to avoid extension	
Embed box culvert	
Add spawning gravel to channel	

- FISHERIES CONSTRUCTION NOTES
- REFER TO SHEET F-1 FOR ENVIRONMENTAL AND FISHERIES NOTES
 - ALL WORK WITHIN THE HIGH WATER MARK SHALL BE DONE DURING THE FISHERIES WINDOWS UNLESS APPROVED OTHERWISE BY THE OWNER'S ENVIRONMENTAL MONITOR (OEM)
 - WATER SHALL BE DIVERTED AROUND THE CONSTRUCTION SITE USING METHODS APPROVED BY OEM
 - ALL MATERIALS USED SHALL BE FREE OF INVASIVE SPECIES
 - SPAWNING GRAVEL SHALL BE AS SPECIFIED IN SECTION 31 05 16, AGGREGATE MATERIALS
 - WEIRS SHALL BE CONSTRUCTED TO DETAILS SHOWN ON SHEET F-1.1
 - ROOT WADS AND LARGE WOODY DEBRIS TO BE SUITABLY BALLASTED AS DETAILED ON SHEET F-1.
 - EXISTING STUMPS, ROOT WADS, LOGS, ETC. SHOULD BE RETAINED AND USED FOR HABITAT COMPLEXING
 - RED SHOWS PROPOSED WORKS
 - FOR BRIDGE WORK, REFER TO SHEETS S-1.1 TO S-5.11

D:\TV\043121 - PWGSC - 2016-12-14\PROJECTS\TRAILWORKS\FISHERIES\AS3121-FIT-SHEETS\F-1\F-14.DWG PLOTTED ON 2016/12/14 12:10pm BY P002900

