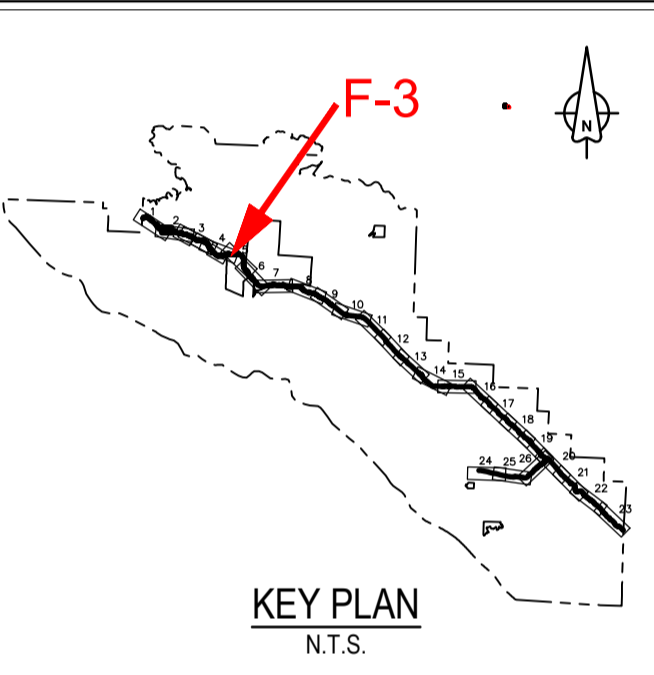


**PARSONS**



Revision/	Description/Description	Date/Date
2	ISSUED FOR TENDER	18/12/2016
1	ISSUED FOR TENDER	06/11/2017
0	ISSUED FOR TENDER	07/11/2017

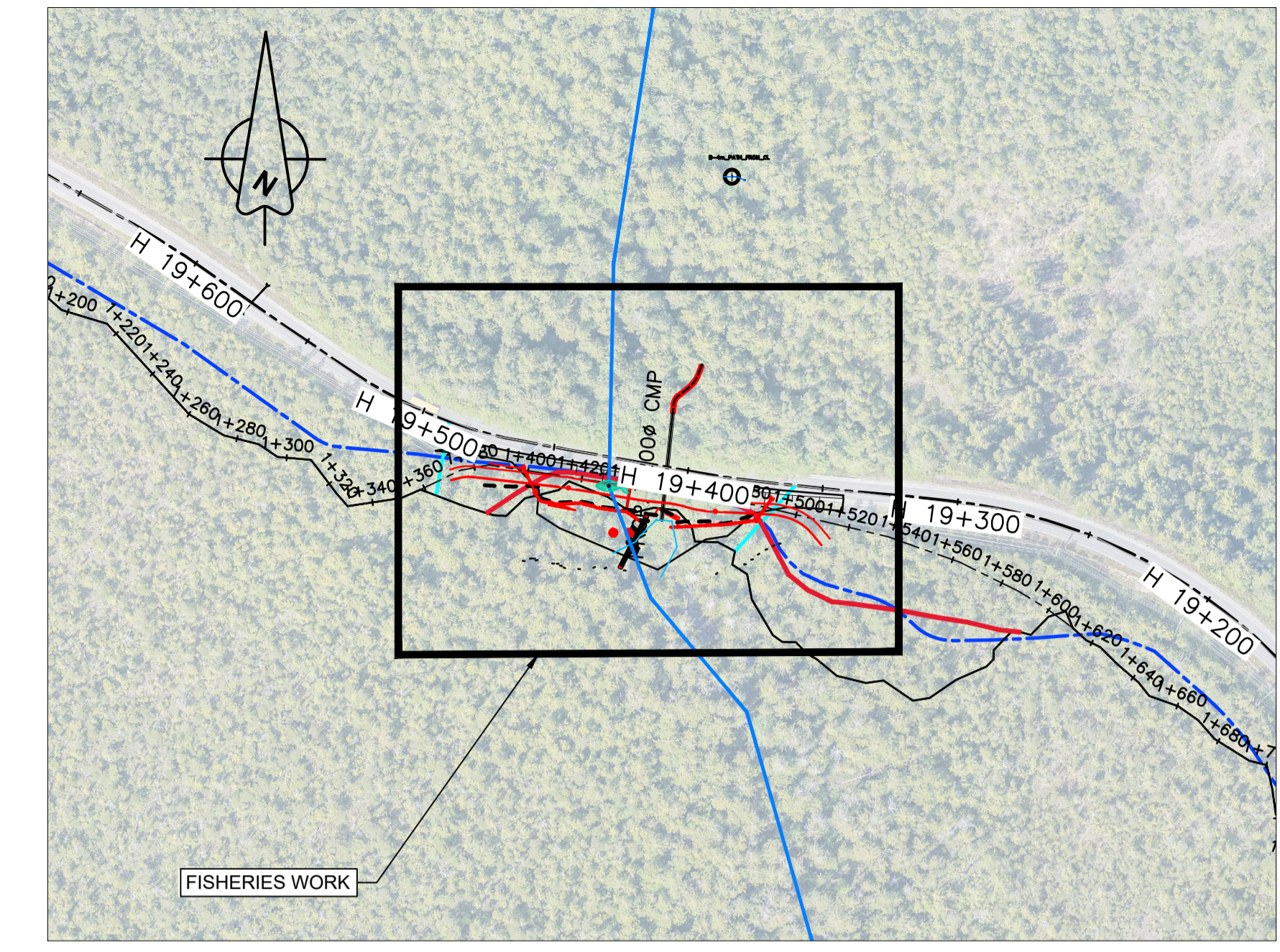
Client/client  
Parks Canada L'Agence Parcs  
Agency Canada  
Western and Northern Region Ouest et Nord du Canada

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

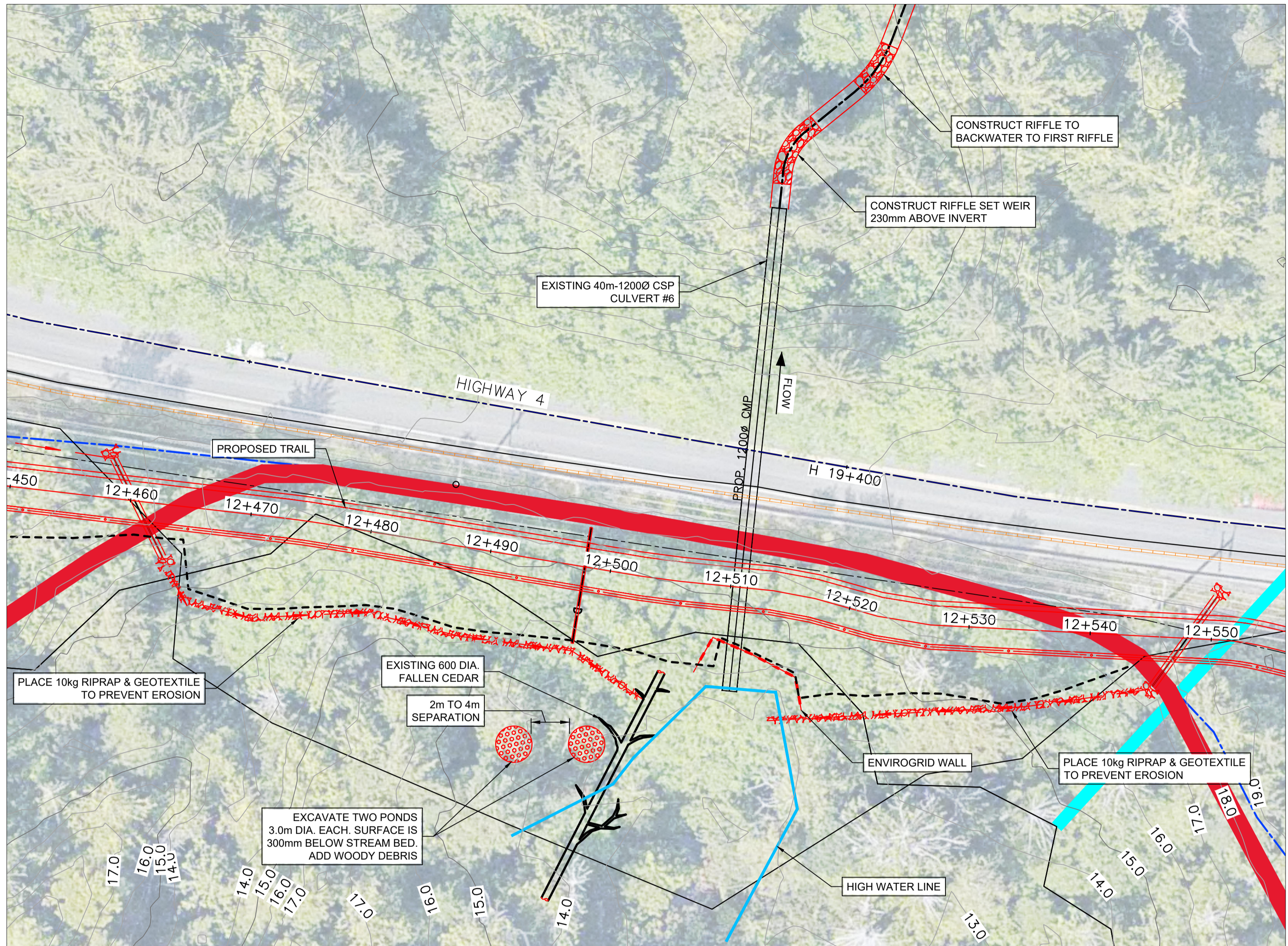
Consultant Signature Only  
Designed by/Concept par  
DON CHALMERS / 2016-11  
Drawn by/Dessiné par  
DAVID COX / 2017-08  
PCA Project Manager/Technical Authority  
Administrateur de Projets APC  
JACKIE HICKS

Drawing title/Titre du dessin  
**ᑭᐱᓂᓕᓴᓴ ᓂᓱᓴᓴ (Ups-cheek ta-shee)**  
**"Going in the right direction on the trail"**  
**CONSTRUCTION PLAN**  
**FISHERIES WORK**  
CULVERT #6  
HIGHWAY 4 STA H19+400

Project No./No. du projet <b>PCA #1522</b>	Sheet/Fauille <b>F-3</b> OF 15	Revision no./Lo Révision no. <b>2</b>
---	--------------------------------------	--



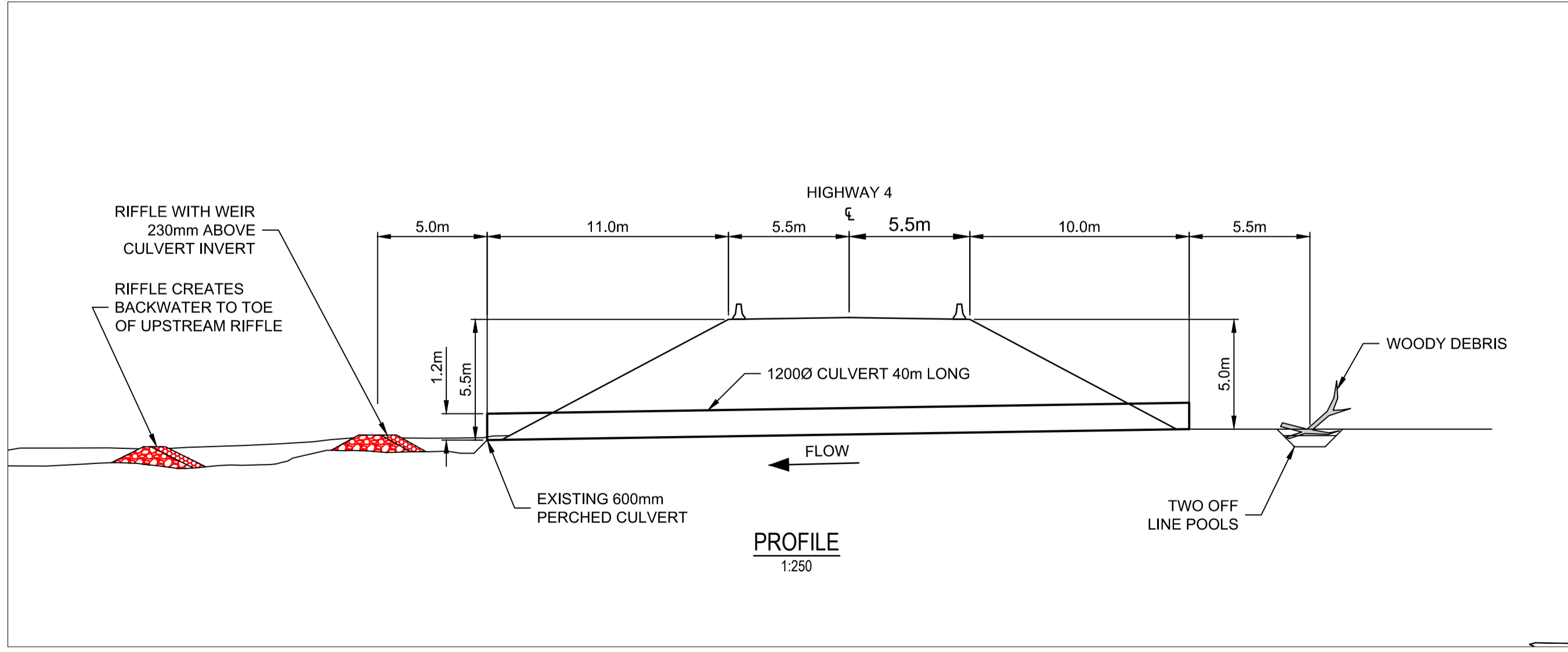
1:2000 0 40 120m LOCATION PLAN 1:2000



PLAN 1:250 0 5 15m

Sheet F-3 Fisheries Enhancement	
<b>Existing Culvert #6 Information</b>	
Location:	Hwy #4 - Station H19+400 (Site B)
Material:	CSP Galvanized Coating
Diameter:	1,200 mm Circular
Length:	60 to 70 metres
Cover over culvert:	5.5 metres
Comments:	Perched end
<b>Proposed Enhancements</b>	
Eliminate Perched end	
Provide 2 ponds off line of stream	

- 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, ROOTWADS, LOGS, ETC. SHOULD BE RETAINED AND USED FOR HABITAT COMPLEXING.
  - RED SHOWS PROPOSED WORKS.



PROFILE 1:250

D:\V\43121 - PWGSC - 2016-10-19\PROJECT TRAVEL\WORK\FISHERIES\AS3121-PJT-SHEETS F-1-F3 REV.MJD.MG PLOTTED ON 2018/12/14 4:41pm BP 000580C

