

2	ISSUED FOR TENDER	18/12/2016
1	ISSUED FOR TENDER	07/11/2017
0	ISSUED FOR TENDER	07/11/2017

Revision/	Description/Description	Date/Date
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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
ʔapsc̓iik taʔii
“Going in the right direction on the trail”

Consultant Signature Only

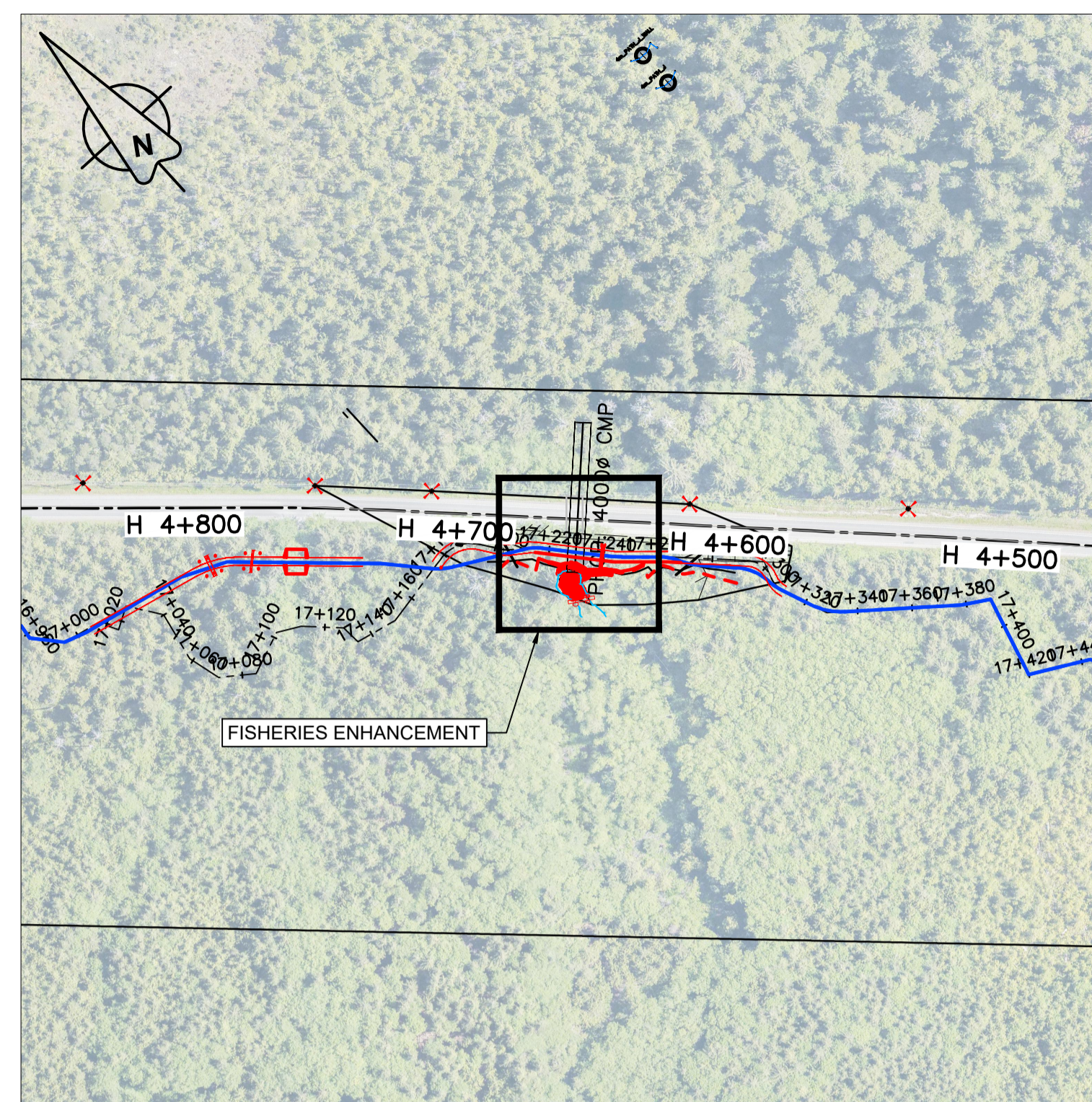
Designed by/Concept par
DON CHALMERS / 2016-11

Drawn by/Dessiné par
DAVID COX / 2017-08

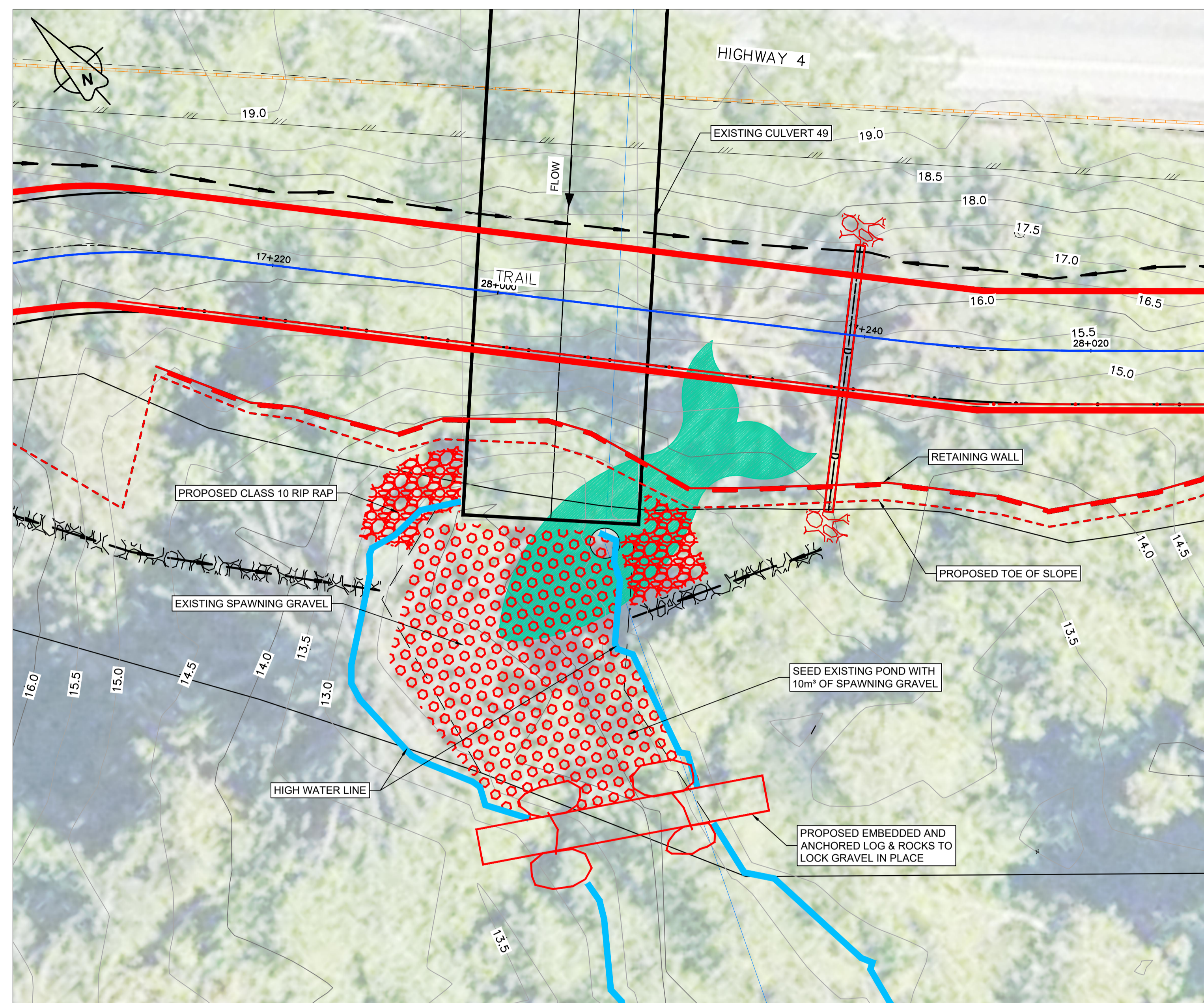
PCA Project Manager/Technical Authority
Administrateur de Projets APC
JACKIE HICKS

Drawing title/Titre du dessin
ʔapsc̓iik taʔii (Ups-cheek ta-shée)
“Going in the right direction on the trail”
CONSTRUCTION PLAN
FISHERIES WORK
CULVERT 49 - WALL / FILL 9
HIGHWAY 4 STA H4+655

Project No./No. du projet PCA #1522	Sheet/Feuille F-12 OF 15	Revision no./No. Révision 2
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1:2000 0 40 120m

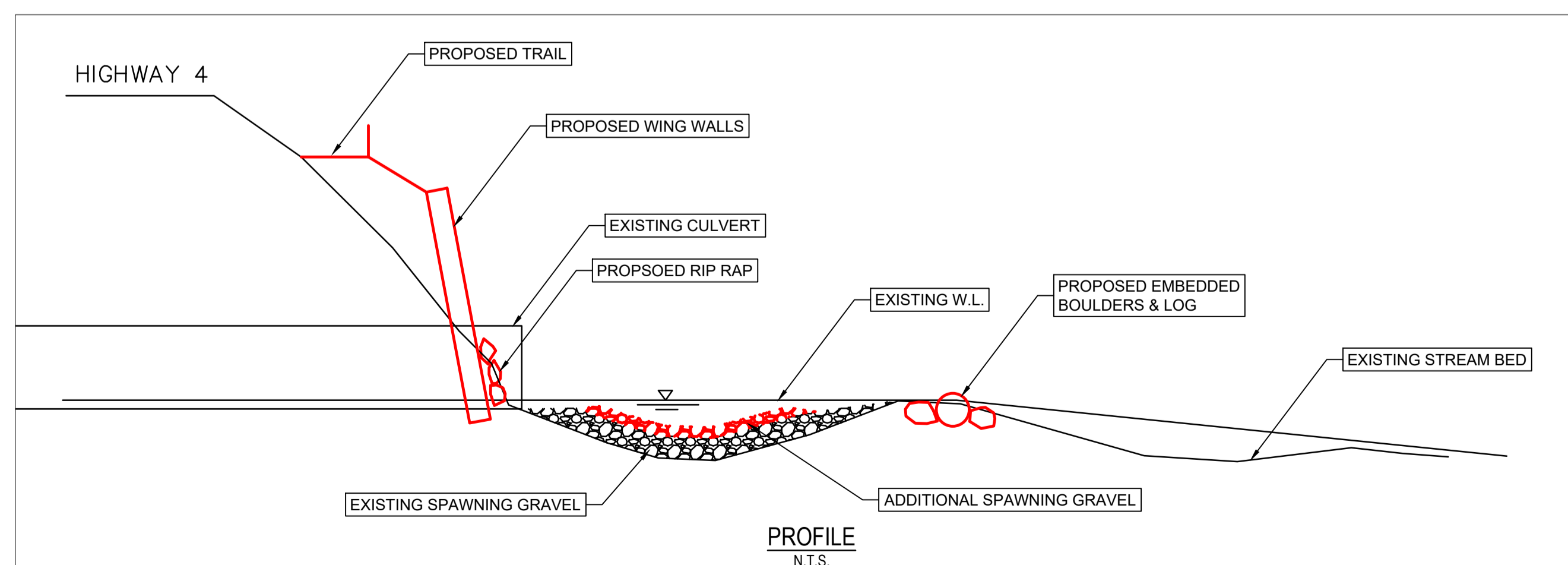


PLAN
N.T.S.

Fisheries Enhancement	
Existing Culvert Information	
Locations:	Highway #4 - Station H4+655 at Culvert 49
Material:	SPCSP Galvanized
Diameter:	5900 (Span) x 3700 (Rise) Arch
Length:	55 metres
Cover over culvert:	3.5 metres
Comments:	No extension Required
Proposed Enhancements	
	Embed log & rocks downstream to lock spawning gravel in place
	Place stockpile of spawning gravel near stream for future use

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



PROFILE
N.T.S.

