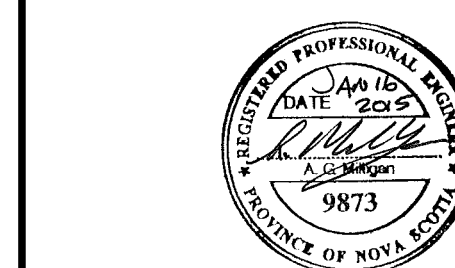


SNC-LAVALIN Inc.
Halifax, Nova Scotia, Canada

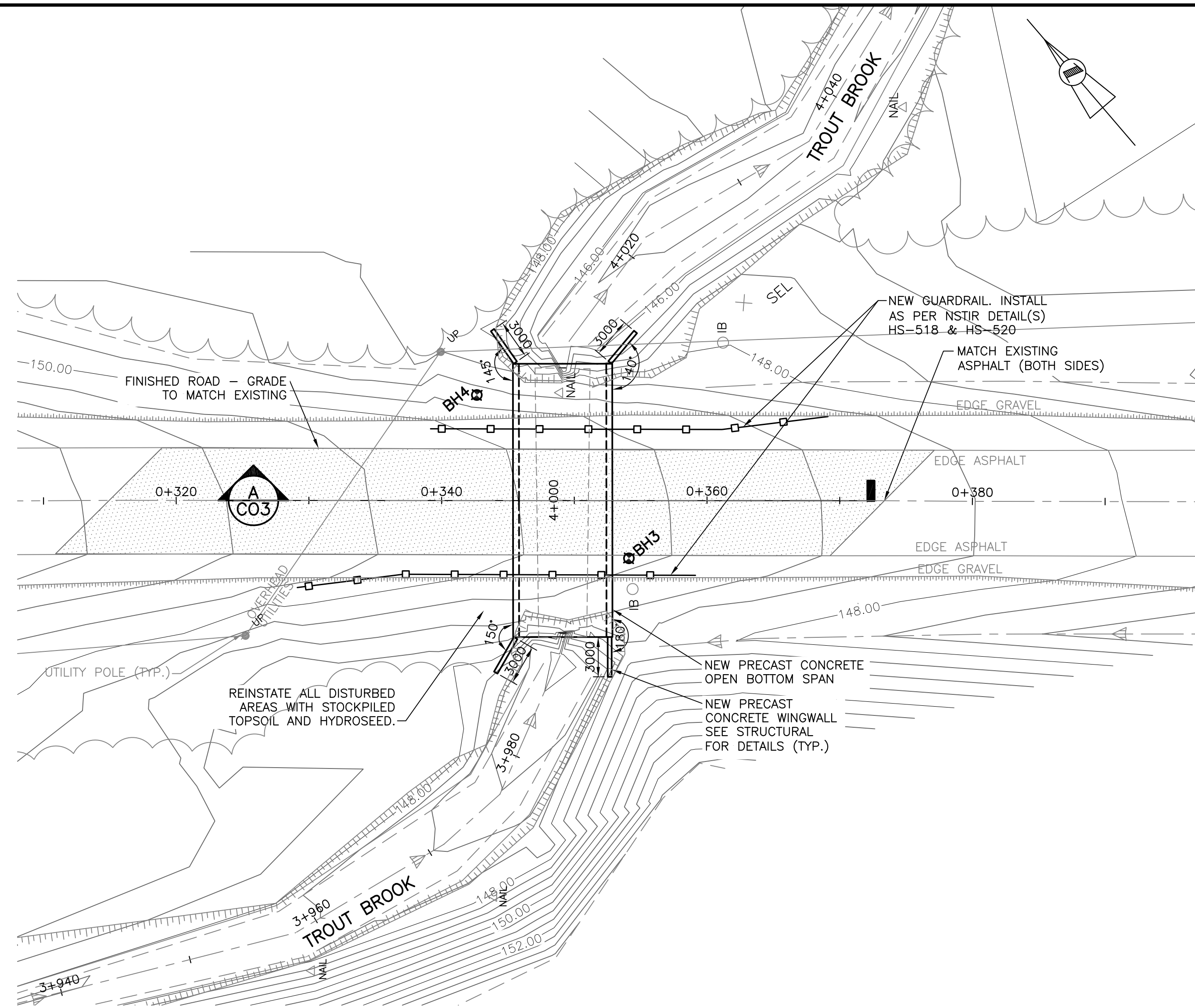
Member of the SNC-LAVALIN Group



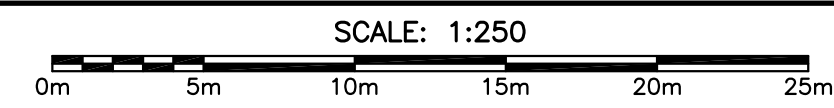
C02	ISSUED FOR TENDER	JAN 16 2016
C01	ISSUED FOR TENDER	FEB 28 2014
revisions		date
project	BIG JOHNNY'S TURN CULVERT REPLACEMENT CABOT TRAIL, CAPE BRETON HIGHLANDS NATIONAL PARK	

**CULVERT 1
PLANS, PROFILE
AND TYPICAL SECTION**

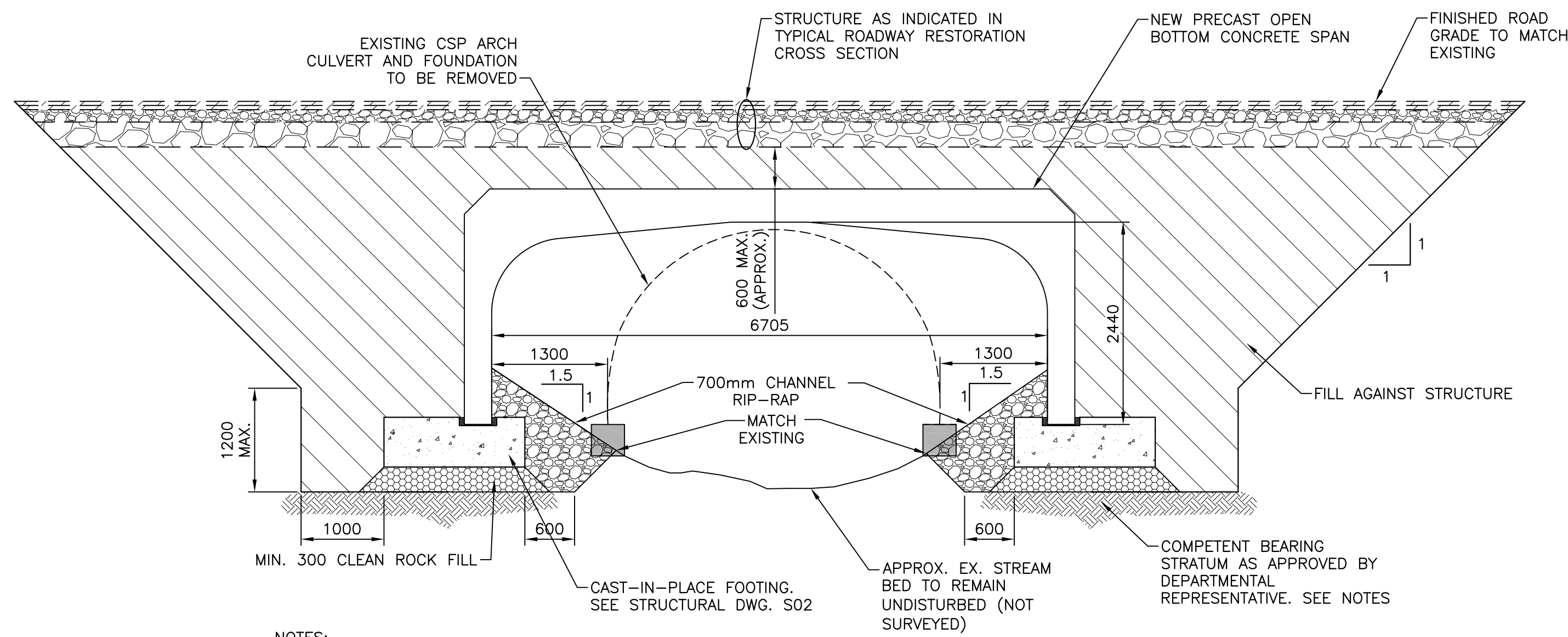
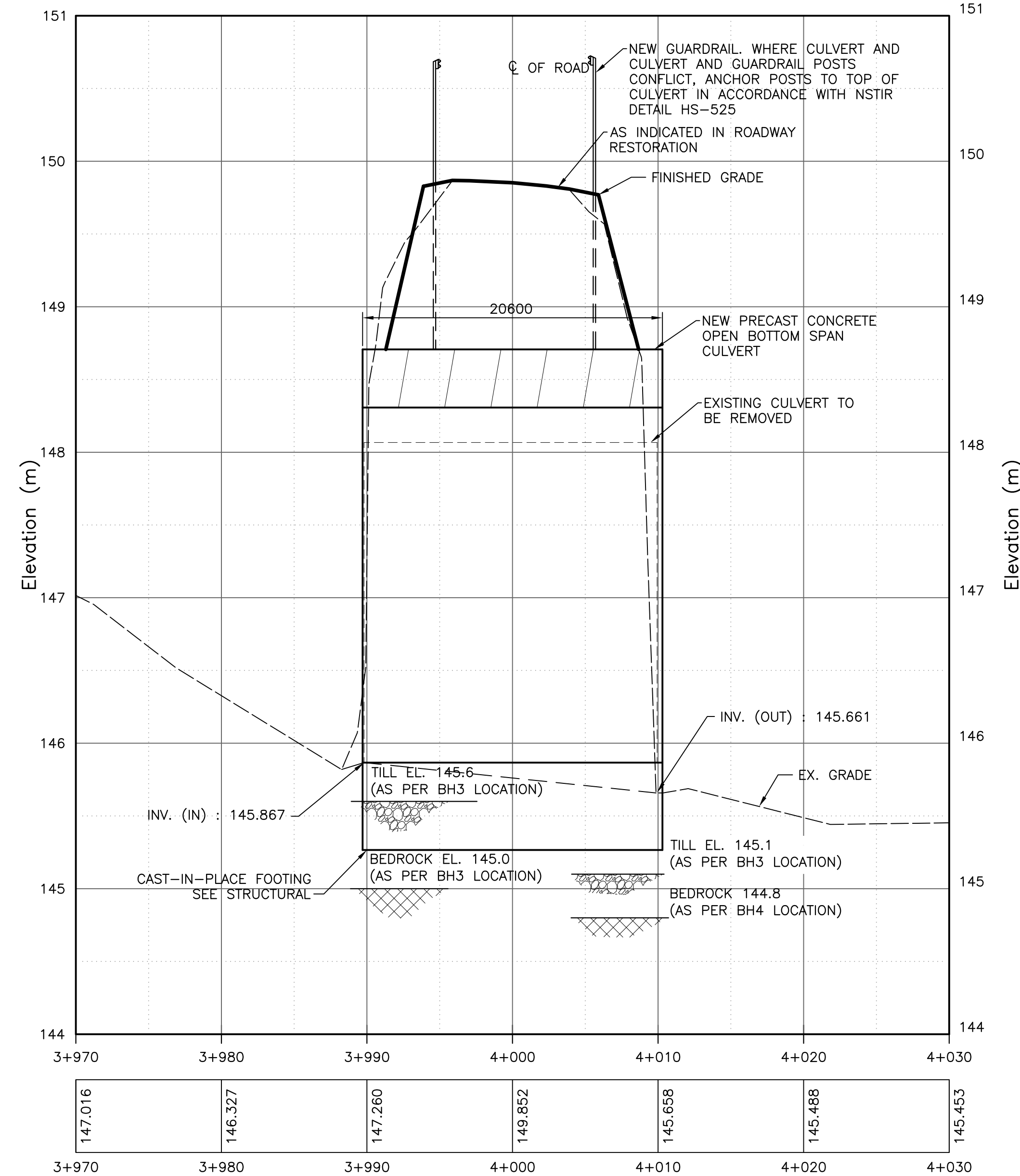
designed	M.E.	conçu
date	2013-12-12	
drawn	D.B. / A.M./M.Z.	dessiné
date	2013-12-12	
approved		approuvé
date		
Tender	Soumission	
PWSC Project Manager	Administrateur de projets TPSC	
project number	no. du projet	
R.059970.001		
drawing no.	no. du dessin	
C03		



CULVERT 1 - NEW CULVERT PLAN

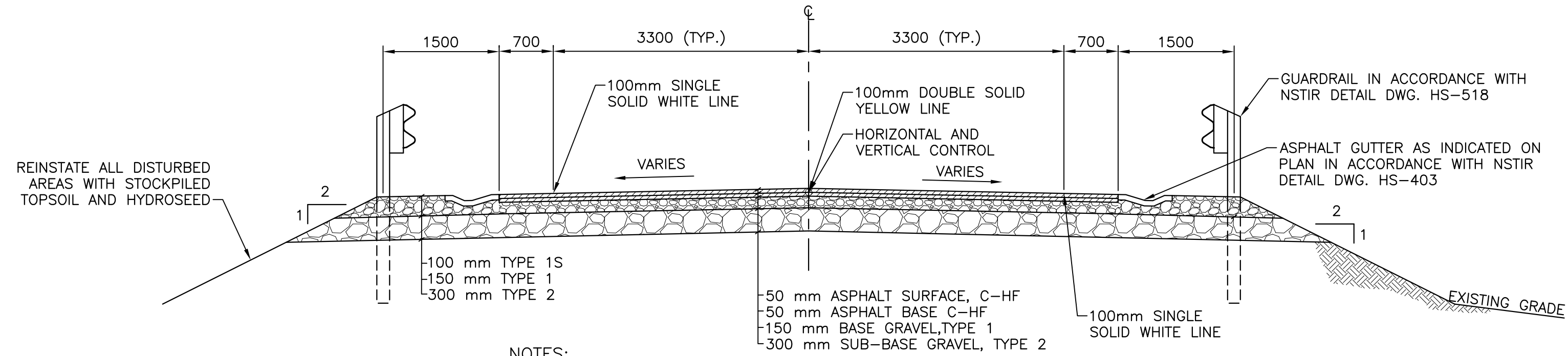


PROFILE VIEW OF CULVERT 1



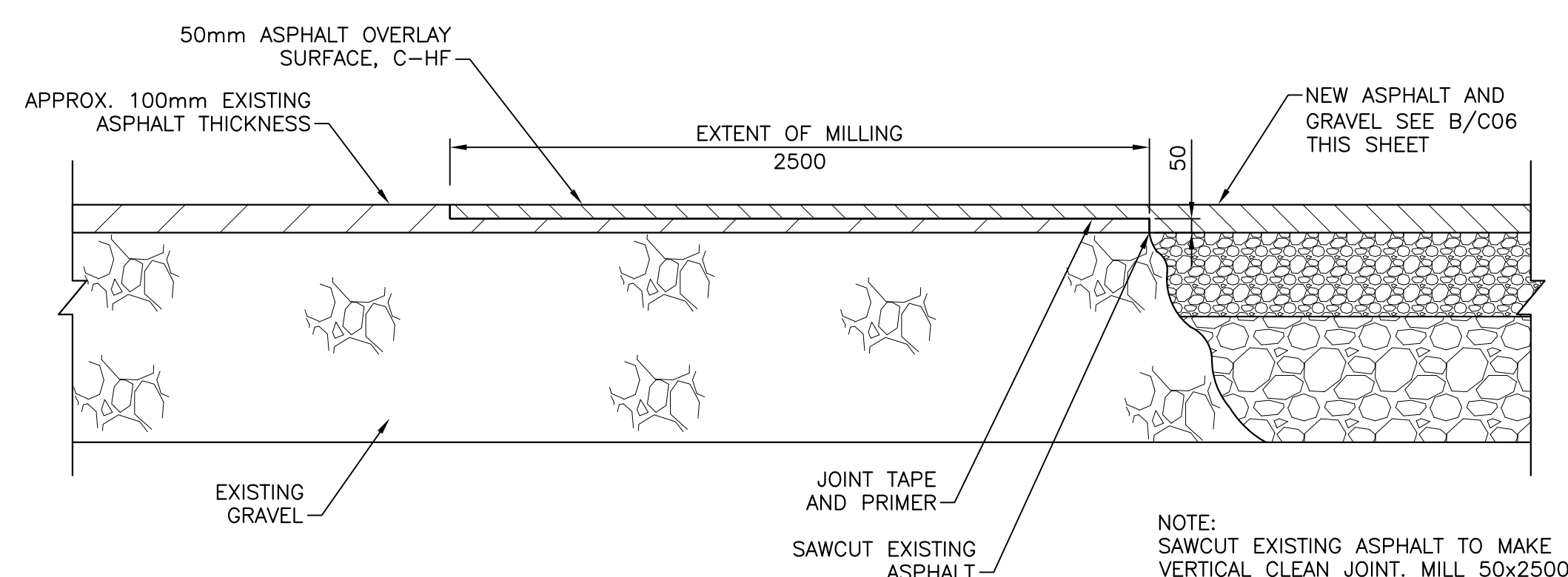
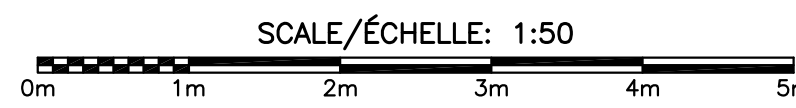
NEW CULVERT SECTION A C03
SCALE : N.T.S.

- NOTES:**
- EXCAVATE AS REQUIRED TO CARRY OUT WORK, IN ALL MATERIALS ENCOUNTERED, TO LEVEL OF COMPETENT BEARING STRATUM DESCRIBED IN GEOTECHNICAL REPORT AS COMPACT TO DENSE GLACIAL TILL OR BEDROCK. DO NOT DISTURB SOIL OR ROCK BELOW THE SURFACE.
 - BEARING STRATUM TO BE INSPECTED BY PROFESSIONAL GEOTECHNICAL ENGINEER DESIGNATED BY DEPARTMENT REPRESENTATIVE, AS REQUIRED.
 - REPLACE EXCAVATED MATERIAL TO SATISFACTION OF DEPARTMENT REPRESENTATIVE.
 - OBTAIN DEPARTMENT REPRESENTATIVE'S APPROVAL OF COMPLETED EXCAVATION.

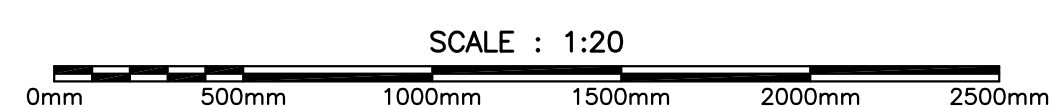


- NOTES:**
- ALL DIMENSIONS ARE APPROXIMATE. DIMENSIONS TO BLEND TO EXISTING AT LIMITS OF PAVING.
 - ROADWAY SIDE SLOPES ARE TO BLEND BACK TO EXISTING AT LIMITS OF RESTORATION.
 - WHERE TOP OF CULVERT AND GUARDRAIL POSTS CONFLICT, ANCHOR POST TO TOP OF CULVERT IN ACCORDANCE WITH NSTIR DETAIL DRAWING HS-525

**TYPICAL SECTION - CABOT TRAIL ROADWAY RESTORATION
(LOOKING NORTHWEST)**



ASPHALT JOINT DETAIL



NOTE:
SAWCUT EXISTING ASPHALT TO MAKE VERTICAL CLEAN JOINT. MILL 50x2500 KEY, PLACE AND COMPACT NEW GRAVELS. APPLY JOINT TAPE AND PRIMER TO KEY AND PLACE/COMPACT. NEW ASPHALT TO MATCH EXISTING.