

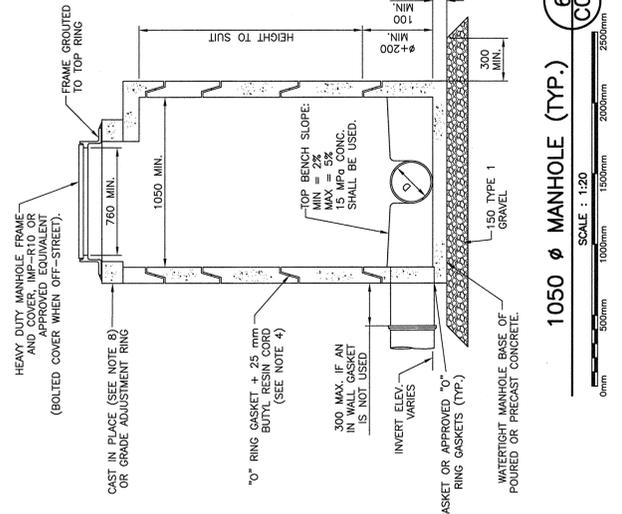
PROVINCE OF NEWFOUNDLAND
PEPER
 PEPPER CLASS 'A'
 The Permit Above
 SNC-Lavalin Inc.
 15000 Highway 100
 Halifax, Nova Scotia, Canada
 Member of the SNC-Lavalin Group



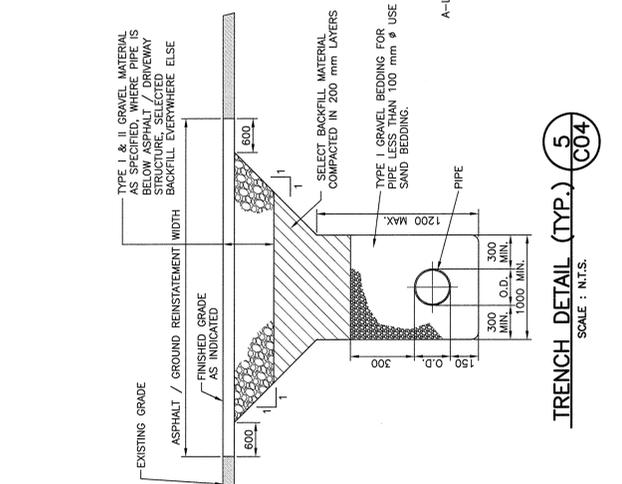
revisions	001	ISSUED FOR TENDER	03/31/2015
project	NEWMAN SOUND REGISTRATION AREA REDESIGN TERRA NOVA NATIONAL PARK, NL		

designed	A.C.M.	checked	
date	2014-03-14	approved	
drawn	D.P.B.	approved	
date	2014-03-14	approved	
title	DETAILS		
client	NEWMAN SOUND REGISTRATION AREA REDESIGN TERRA NOVA NATIONAL PARK, NL		
project number	R.065741.001		
drawing no.	C04		

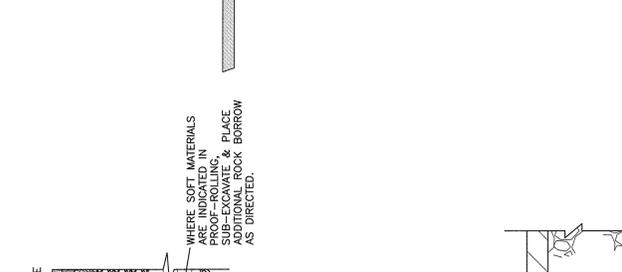
- NOTES**
- 1) WATERTIGHT SEAL RING BETWEEN SANITARY MANHOLE SECTIONS.
 - 2) LIFT HOLES IN PRECAST SECTIONS TO BE GROUTED WITH CEMENT MORTAR PRIOR TO PLACING GRANULAR BACKFILL.
 - 3) IF FINAL GRADE ADJUSTMENT EXCEEDS 150 mm THE RAISED SECTION IS TO BE CONSIDERED IN THE RAISED SECTION.
 - 4) IN ADDITION TO O-RING GASKETS, JOINTS IN PRECAST SECTIONS SHALL BE SEALED WITH 25 mm BUTYL RESIN CORD. THE CORD SHALL BE PLACED PRIOR TO PLACEMENT OF THE SUBSEQUENT SECTION.
 - 5) BACKFILL AROUND MANHOLES SHALL BE TYPE 2 GRAVEL EXTENDING A MIN. OF 300 mm OUTWARD FROM THE MANHOLE. THE GRAVEL SHALL BE MATERIAL TO UNDERSIDE OF ROADBED GRAVELS.
 - 6) "A-LOK" OR APPROVED "O" RING GASKETS SHALL BE THOROUGHLY CLEANED, THEN COVERED GENEROUSLY WITH LUBRICANT SPECIFIED BY THE PIPE MANUFACTURER.
 - 7) MINIMUM 600 mm WORKING DEPTH BELOW ANY RAISED SECTION OR USE FLAT CONCRETE COVER RING GASKETS (TYP.).
 - 8) COMPLETED WITH AIR ENTRIES TO BE CONCRETE ON AN APPROVED NON-SHRINK GROUT



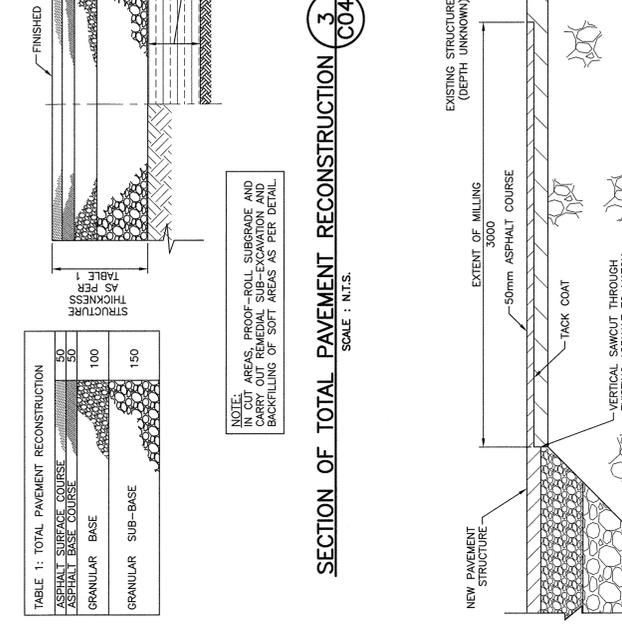
6
1050 Ø MANHOLE (TYP.)
 SCALE: 1:20
 0mm 500mm 1000mm 1500mm 2000mm 2500mm



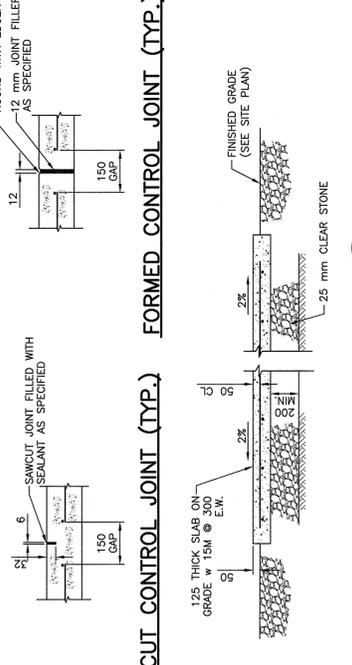
5
TRENCH DETAIL (TYP.)
 SCALE: N.T.S.



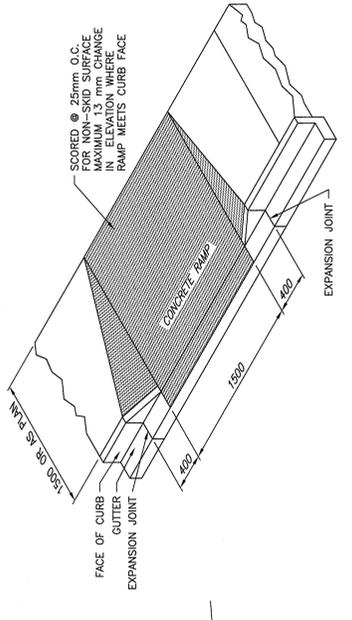
4
ASPHALT RECONSTRUCTION KEY JOINT DETAIL
 SCALE: N.T.S.



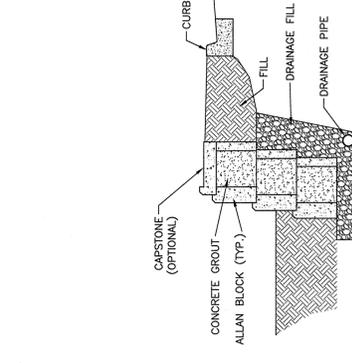
3
SECTION OF TOTAL PAVEMENT RECONSTRUCTION
 SCALE: N.T.S.



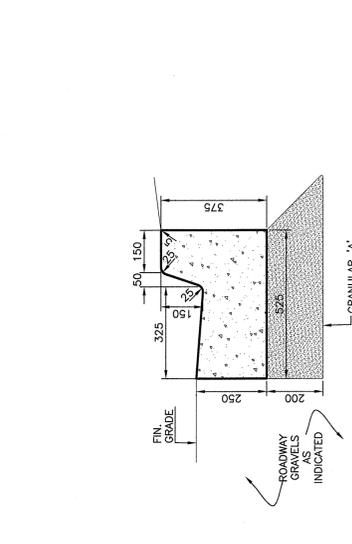
10
SIDEWALK DETAILS
 SCALE: N.T.S.



9
WHEELCHAIR CURB RAMP
 SCALE: N.T.S.



8
ALLAN BLOCK RETAINING WALL (TYP.)
 SCALE: N.T.S.



7
CONC. CURB AND GUTTER
 SCALE: 1:10
 0mm 100 200 300 400 500 600 700 800 900 1000mm