



NOTES:

1. Drainage opening.
2. Minimum 38mm cover to longitudinal bars to be provided above the drainage openings.
 - A. This MTOD shall be read in conjunction with MTOD 911.191 and 911.192.
 - B. Minimum horizontal radius is 40m.
 - C. System configuration meets NCHRP Report 350, TL-3 and AASHTO MASH TL-3.
 - D. Welds shall be according to CSA W59 and CSA W186.
 - E. All concrete edges to have 15 x 45° chamfer.
 - F. All dimensions are in millimetres unless otherwise shown.

MINISTRY OF TRANSPORTATION ONTARIO DRAWING		February 2018	Rev	0
GUIDE RAIL SYSTEM, CONCRETE BARRIER				
TYPE X CONNECTION, 6.1m LENGTH				
INSTALLATION – TEMPORARY				
MTOD – 911.198				