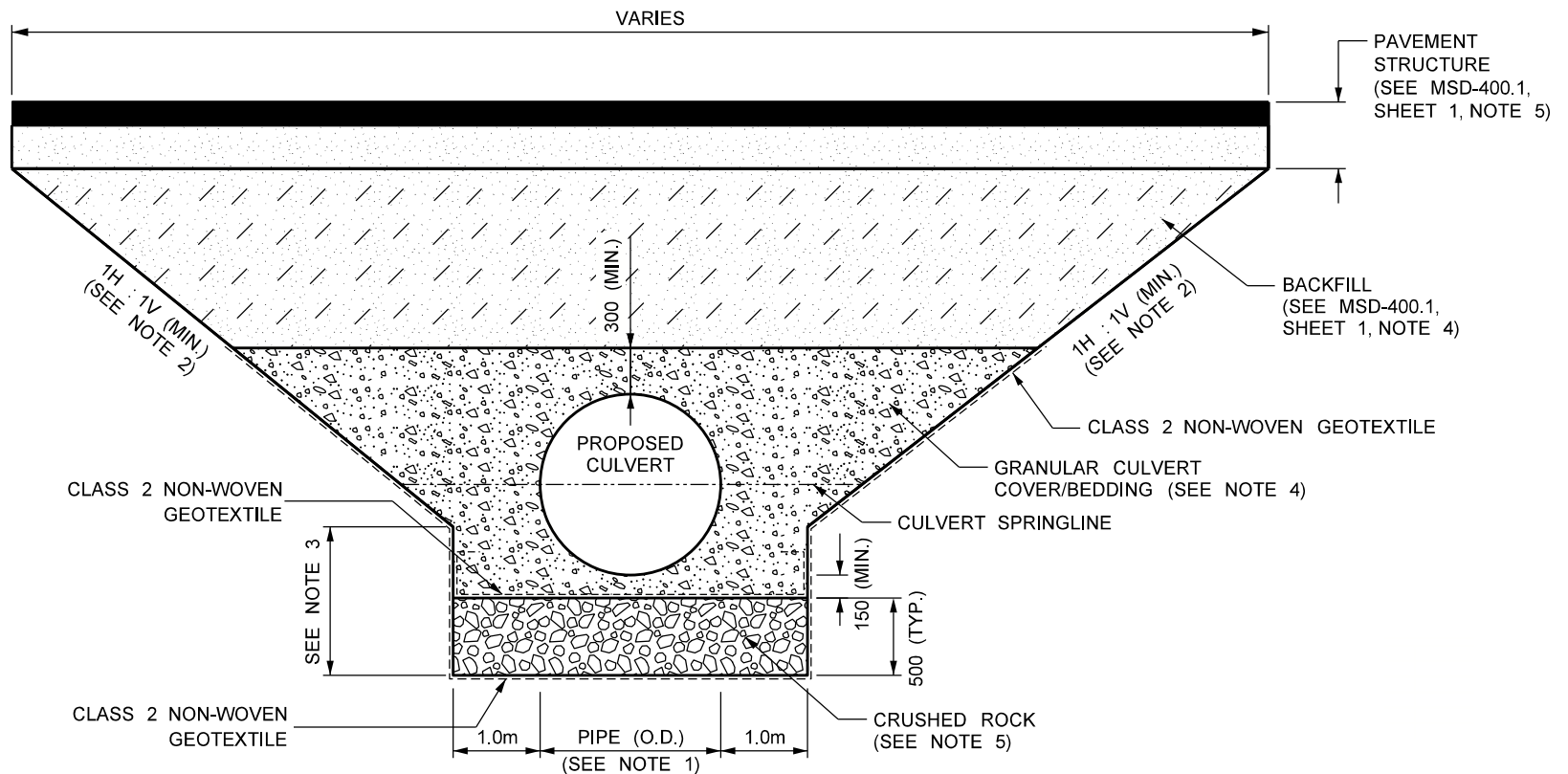




DETAIL OF SINGLE CULVERT INSTALLATION WITH FOUNDATION IMPROVEMENT

(SEE NOTES 6 AND 7)

NOTES:

GENERAL: ALL TRENCHING AND EXCAVATION SHALL COMPLY WITH MANITOBA'S WORKPLACE HEALTH AND SAFETY REGULATIONS

1. CULVERT DIAMETER AND TYPE AS SPECIFIED IN CONTRACT
2. FOR FROST SUSCEPTIBLE SOILS, REFER TO MSD-400.5
3. DEPTH OF VERTICAL CUT SHALL NOT EXCEED 1.0m
4. GBC-I, GBC-II, GBC-M OR CULVERT GRAVEL
5. 300mm CR-M100 AND 200mm CR-M50 (OR 500mm CR-M50)
6. REFER TO MSD-400.1 FOR OTHER DETAILS NOTING THAT CULVERT FOUNDATION SHALL MEET THE REQUIREMENTS OF THIS STANDARD
7. SIMILAR DETAILS APPLY TO MULTIPLE CULVERT INSTALLATION. REFER TO MSD-400.2 FOR OTHER DETAILS.
8. DRAWINGS ARE FOR USE ON MTI'S PROJECT ONLY, AS NOTED ON MANITOBA'S WEBSITE

ALL DIMENSIONS ARE IN MILLIMETRES UNLESS SPECIFIED OTHERWISE

SEAL

COPY
ORIGINAL SEALED BY:

BRENT P.D. SELLERS, P.Eng.

MAY 19, 2026

APPROVALS

ORIGINAL SIGNED BY:

DUSTIN BOOY

EXECUTIVE DIRECTOR OF
HIGHWAY ENGINEERING SERVICES

ORIGINAL SIGNED BY:

TARA LISKE

EXECUTIVE DIRECTOR OF
REGIONAL OPERATIONS

REVISIONS

No.	DESCRIPTION	BY	DATE
1			
2			
3			

MANITOBA STANDARD DRAWING

DATE		INSTALLATION DETAILS WITH FOUNDATION IMPROVEMENT FOR SINGLE CSC, PCC, AND HDPE CULVERTS, ≤1800 DIA.
MAY 2026		
SCALE	SHEET	
N.T.S.	1 OF 1	Manitoba Transportation and Infrastructure
MSD - 400.6		