



**NOTES:**

1. P = 1.5 m or 1.5 D whichever is greater.
2. D = Diameter of circular pipe or span of pipe-arch.
3. Depth of bedding material plus backfill over top of pipe must be 600 mm or (DIA. OR SPAN)/6 plus 300 mm whichever is greater.
4. Contaminated material to be removed and replaced.
5. This Standard to be used in conjunction with backfills for culverts.
6. When protection is higher than subgrade, it is to be removed to subgrade level before placing granular base.
7. When protection is used by public vehicular traffic, then maximum slope shall be 5%.

**LEGEND:**

"d" Denotes depth of granular (roadbed)

"f" Denotes depth of frost penetration

Architectural and Engineering Services for Parks Canada Services d'architecture et de génie pour Parcs Canada		<b>TITLE/TITRE</b> <b>CULVERTS: PROTECTION AGAINST HEAVY CONSTRUCTION EQUIPMENT</b>	
<b>DRAWN BY/DESSINE PAR</b> VT	<b>DATE</b> APRIL/96	<b>SCALE/ECHELLE</b> NOT TO SCALE	
<b>CHECKED BY/VERIFIE PAR</b> BS	<b>REFERENCE No./No. DE REFERENCE</b> 1303		