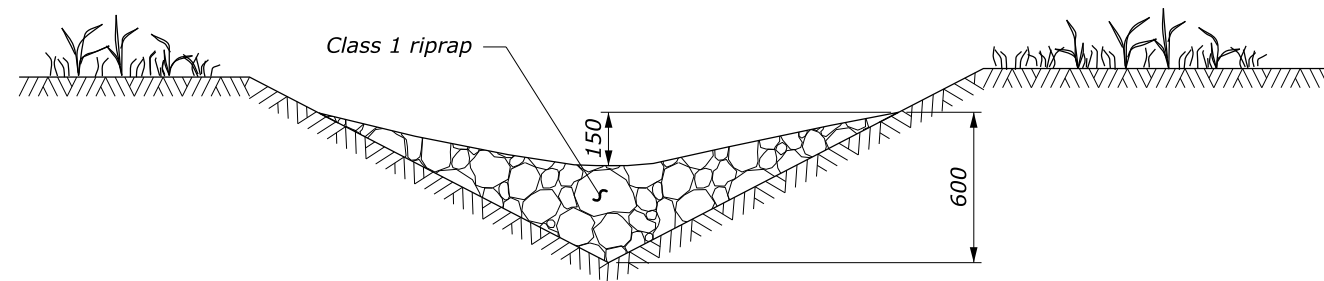
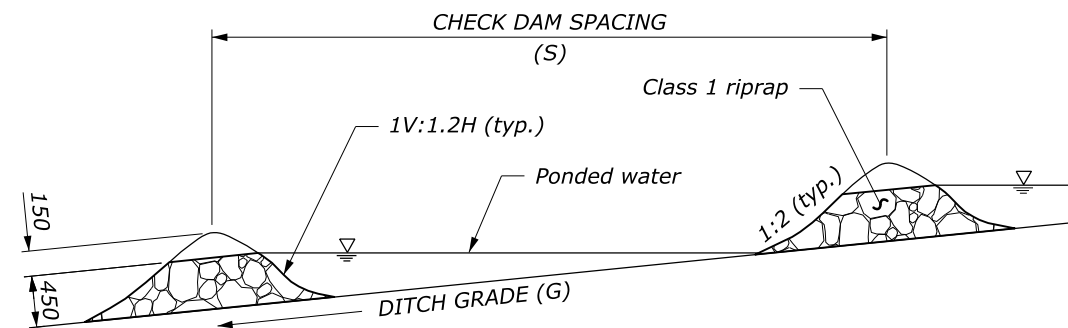


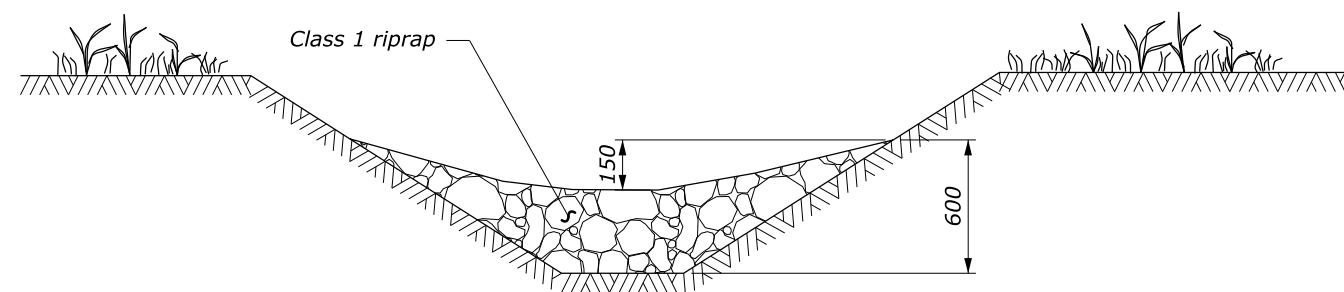
NOTE:
1. Dimensions without units are millimeters.



CROSS SECTION
V DITCH



PROFILE VIEW
DITCH



CROSS SECTION
TRAPEZOIDAL DITCH

*DITCH GRADE (G)	CHECK DAM SPACING S (m)
2%	23
3%	15
4%	12
5%	9
6%	7.5

* Do not use Check Dams below 2% or above 6% ditch grades.

NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION FEDERAL LANDS HIGHWAY	
METRIC STANDARD	
CHECK DAM	
STANDARD APPROVED FOR USE 3/1996 REVISED: 6/2005 6/2007	STANDARD M157-6