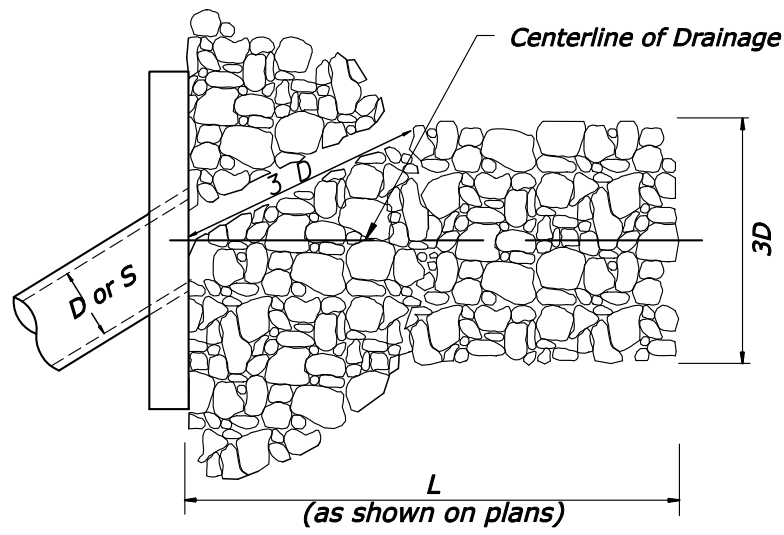
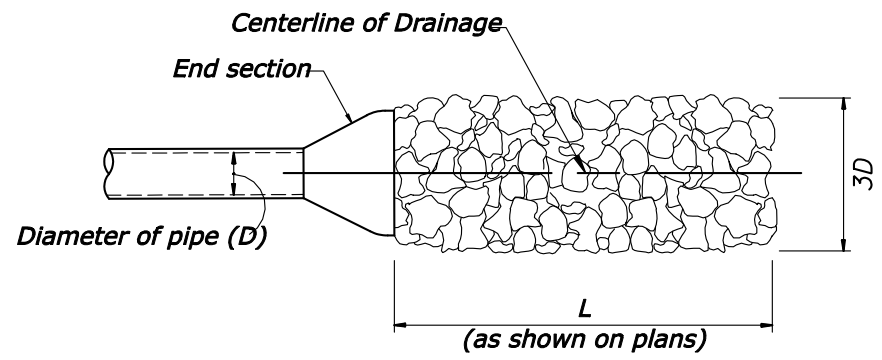


DEPTH (d)	
Riprap Class	Depth (d)-(in)
1	12
2	18
3	24
4	30
5	42
6	48



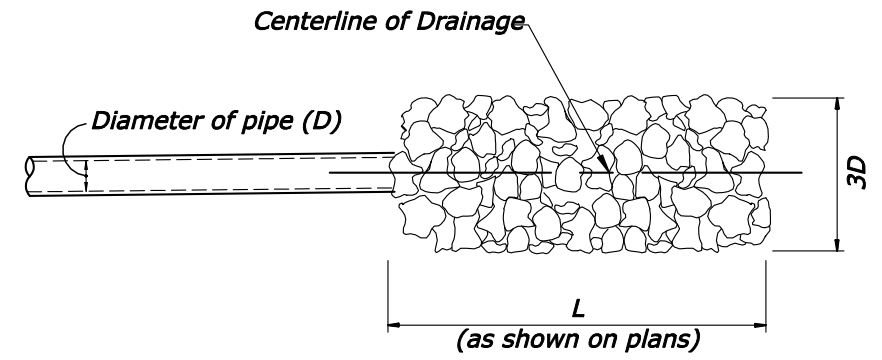
PLAN

CULVERT WITH HEADWALL



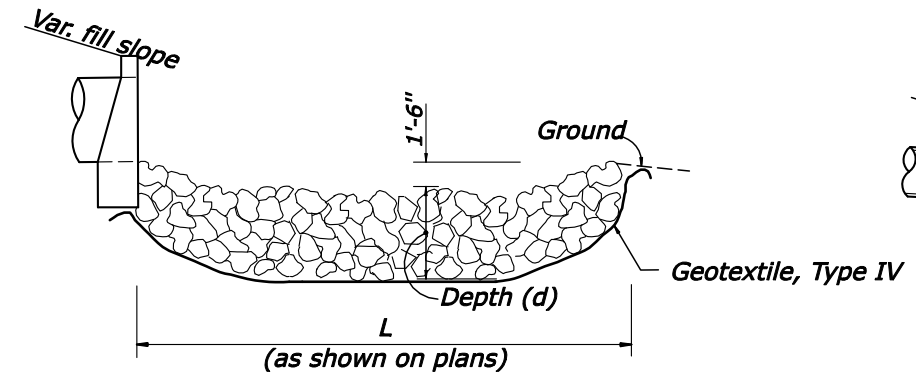
PLAN

CULVERT WITH END SECTION

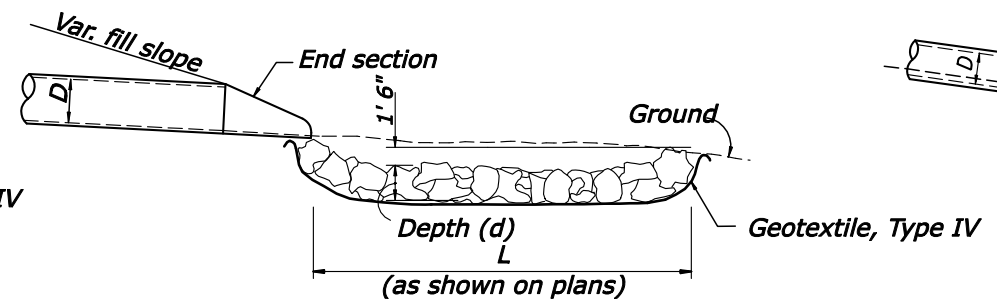


PLAN

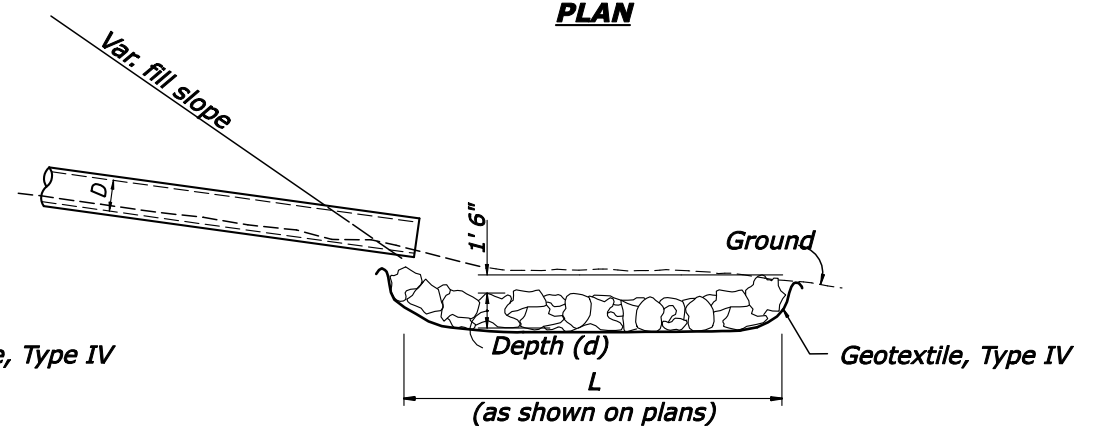
CULVERT WITH NO END TREATMENT



ELEVATION



ELEVATION



ELEVATION

NOTE:
For arch or elliptical pipes, use equivalent diameter for (D) dimension

NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION EASTERN FEDERAL LANDS HIGHWAY DIVISION	
U.S. CUSTOMARY DETAIL	
LOOSE RIPRAP CHANNEL AT CULVERT	
DETAIL APPROVED FOR USE	DETAIL
REVISED: 07/07	E251-02