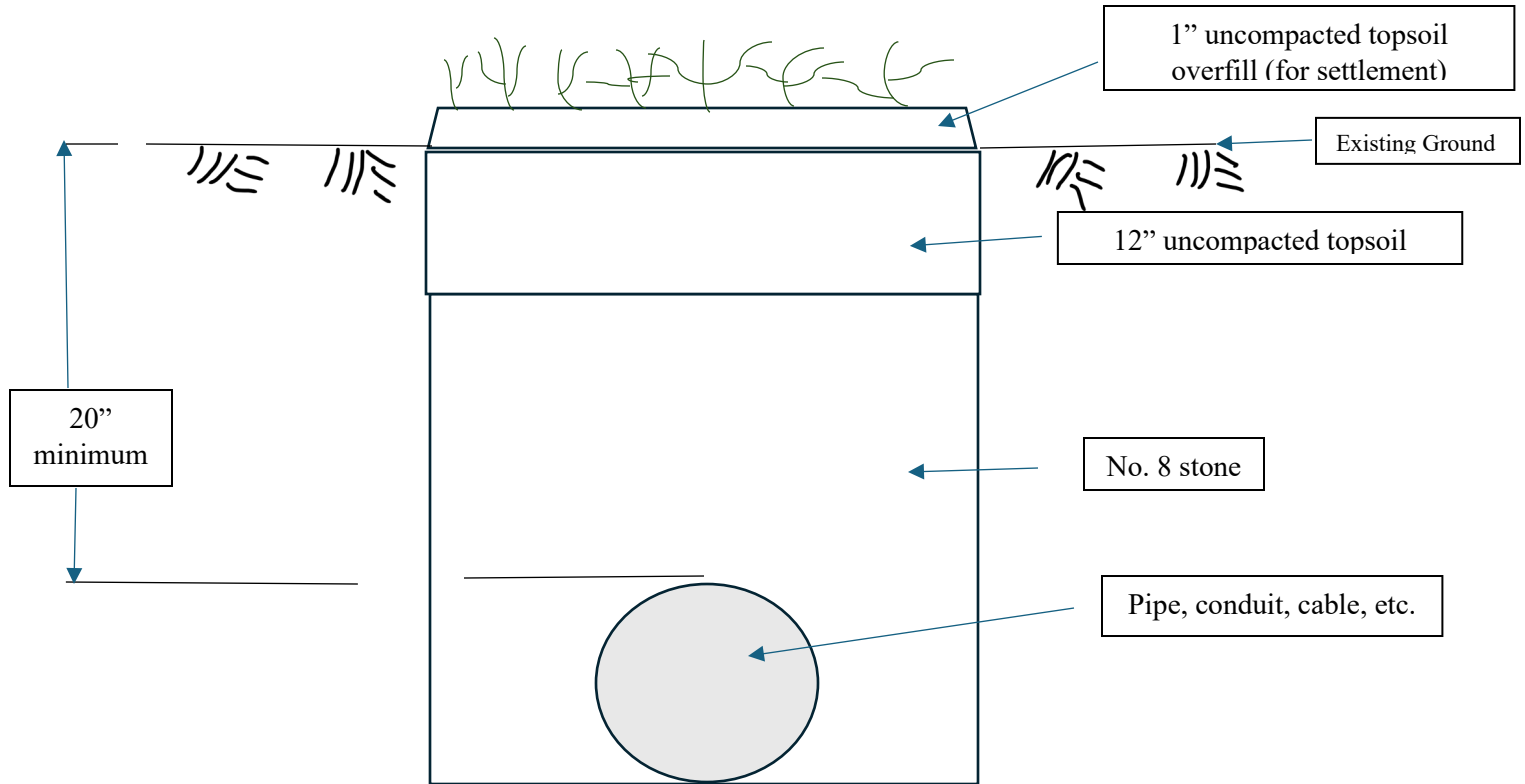


## Modified Method of Underground Utility Installation to Provide Stormwater Management



### Notes:

1. This detail is based on page 129 of the Carroll County Stormwater Management Supplement and Carroll County's Pavement Removed Urban Soil Restoration. Please see [https://www.carrollcountymd.gov/media/17106/covington-revisions\\_103018.pdf](https://www.carrollcountymd.gov/media/17106/covington-revisions_103018.pdf) and <https://www.carrollcountymd.gov/media/afelwer4/modified-stormwater-maintenance-schedule-pavement-removal-urban-soil-restoration-chad-wasileski-wschematic-53124.pdf>.
2. Topsoil is Loam soil with a minimum of 2% organic content (engineer approved).
3. The plans must state that the surface is to be returned to existing line, grade, cross section, and land cover.
4. Meeting the above conditions will be considered to recreate predevelopment hydrologic conditions and provide stormwater management for the underground utility work.
5. Areas meeting these criteria may be excluded from the Environmental Site Design (ESD) tract and thus all ESD requirements.

Example Only:

(Must be modified to match plans)

Modified Underground Utility Installation to meet Stormwater Management Requirements Inspection Chart.

Modified Underground Utility Installation to Meet Stormwater Management Requirements Inspection Chart.			
Stage		Certifying Engineers Approval	
		Trench #	
		Initials	Date
1	Excavate trench to line and grade.		
2	Install no. 8 stone bedding.		
3	Install pipe, conduit, cable (utility).		
4	Install no. 8 stone backfill.		
5	Install 1 ft. minimum uncompacted topsoil and 1" overfill.		
6	Verify surface line and grade. Seed and mulch.		
7	Two inches of dense grass established on the trench surface.		
*NOTIFY CERTIFYING ENGINEER 48 HOURS PRIOR TO COMMENCING CONSTRUCTION CERTIFYING ENGINEER'S NAME: PHONE #:			

Martin B. Covington, III, PE, CFM, B.C., WRE.

Carroll County Stormwater Management Program Engineer

Posted May 2025

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