SUGGESTED CONSTRUCTION SEQUENCING *(note to designer: edit as needed to meet project requirements)*

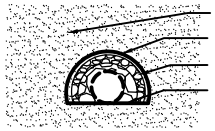
1. Install appropriate temporary erosion control devices to prevent sediment from leaving or entering the practice during construction.
2. All down-gradient perimeter sediment control bmp's must be in place before any up gradient land disturbing activity begins.
3. Perform continuous inspections of erosion control practices, especially after each rainfall event.
4. Install all utilities (water, sanitary sewer, electric, natural gas, phone, fiber optic, etc) prior to setting final grade of bioretention device.
5. Rough grade the site. If bioretention areas are being used as temporary sediment basins during construction, leave a minimum of 1 feet of cover over the practice to protect the underlying soils from clogging.
6. Complete, stabilize, and vegetate all other site improvements.
7. Construct and vegetate bioretention device following stabilization of contributing drainage area. Ensure that critical elevations, such as underdrain invert, top of media, top of mulch, and invert of overflow structure (if present) are correct.
8. Remove temporary erosion control devices after the contributing drainage area is adequately vegetated.

GENERAL NOTES *(note to designer: edit as needed to meet project requirements)*

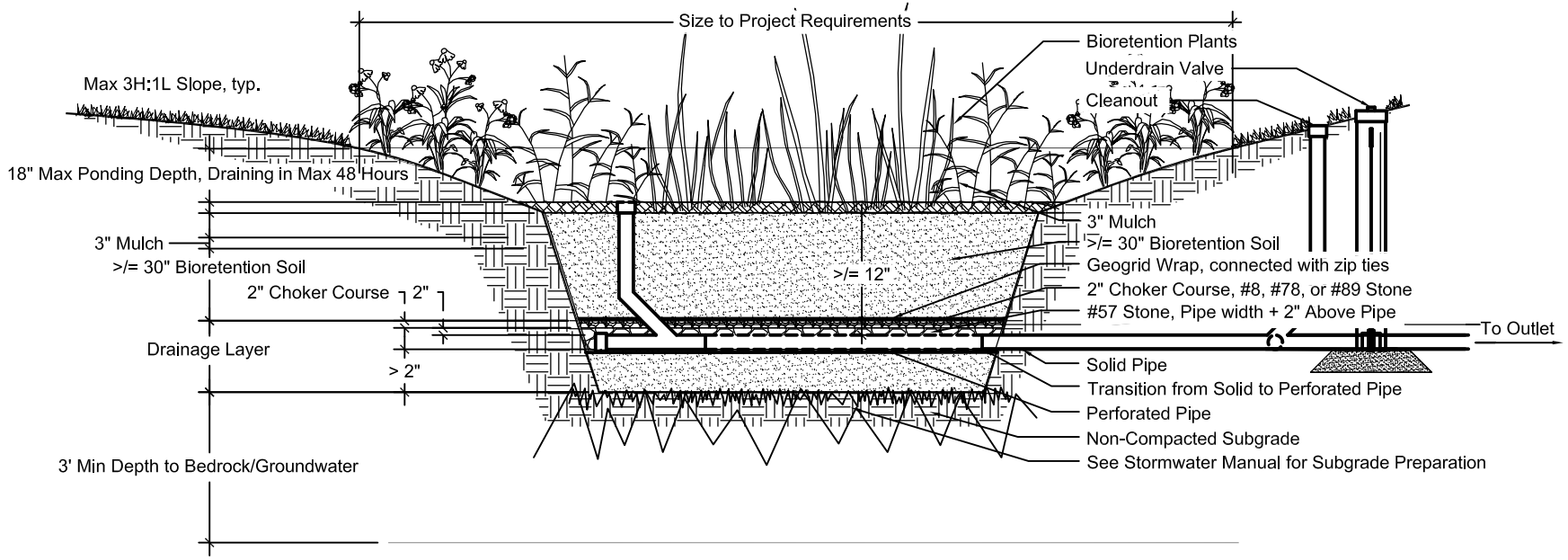
1. In the event that sediment is introduced into the bmp during or immediately following excavation, this material shall be removed from the practice prior to continuing construction.
2. See Minnesota Stormwater Manual for subgrade preparation.

MATERIAL SPECIFICATIONS

1. See Minnesota Stormwater Manual for material specifications recommendations for bioretention soil, mulch, underdrains, etc.



Note: this detail shows an off line system. To show an on line system,this detail should be modified to include an overflow structure, set at the maximum ponding elevation.



Biofiltration with Elevated Underdrain

Not To Scale

NO.	REVISION DESCRIPTION	DATE	BY

I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota

Print Name:_____ Sign Name:_____ License No._____

Date _____

Date | Designed By | Drawn By

NOT FOR CONSTRUCTION PURPOSES

Sheet No. _____ of _____ Sheets