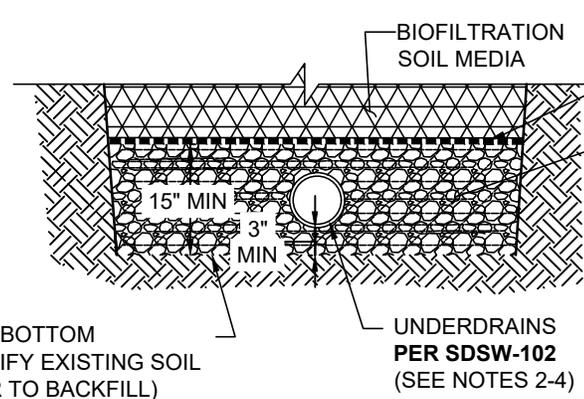
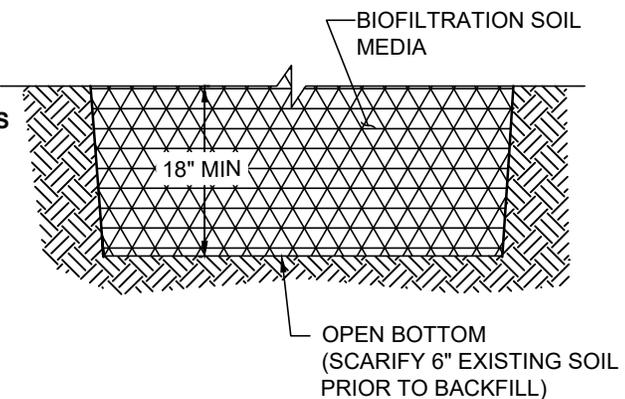


**BIOFILTRATION SECTION**



**PARTIAL INFILTRATION OPTION**



**FULL INFILTRATION OPTION**

**NOTES:**

1. DESIGN OF STORMWATER INFRASTRUCTURE SHALL CONFORM TO THE STORMWATER STANDARDS MANUAL AND DRAINAGE DESIGN MANUAL, AND SHALL BE SUBJECT TO REVIEW. USE OF THIS DETAIL DOES NOT PRECLUDE SUCH REQUIREMENTS.
2. ALL PIPE DIVERSION STRUCTURES DISCHARGING TO BIOFILTRATION SHALL BE DESIGNED **PER PLAN**. ALL OPEN CHANNEL DIVERSIONS SHALL BE DESIGNED BY THE PROJECT ENGINEER BASED ON SITE CONDITIONS.
3. THE INCLUSION OF AN UNDERDRAIN SYSTEM WITH IMPERMEABLE LINER IS DEPENDENT UPON THE RECOMMENDATION OF GEOTECHNICAL INVESTIGATION. WHEN INFILTRATION PERMITTED, SCARIFY 6" OF SOIL.
4. REFER TO DESIGN PLANS FOR UNDERDRAIN INVERT ELEVATIONS.
5. INSTALL PIPE PENETRATIONS THROUGH IMPERMEABLE PVC LINER ACCORDING TO **ASTM D6497**.
6. ALL AGGREGATE SIZED ACCORDING TO SPECIFICATIONS.
7. IF TEMPORARY PONDING DEPTH IS BETWEEN 6 AND 12 INCHES, EXCLUSION FENCING IS REQUIRED.
8. REFER TO CITY OF SAN DIEGO STORMWATER SPECIFICATIONS FOR ALL BIORETENTION MATERIALS, INCLUDING BSM, FILTER COURSE, AGGREGATE STORAGE LAYER, AND MULCH LAYER.
9. THE USE OF HEAVY EQUIPMENT TO BE PROHIBITED DURING CONSTRUCTION OF THE BASIN SO AS TO MINIMIZE THE COMPACTION OF THE BIOFILTRATION SOIL MEDIA.

REVISION	BY	APPROVED	DATE	CITY OF SAN DIEGO – DESIGN GUIDE	RECOMMENDED BY THE CITY OF SAN DIEGO STANDARDS COMMITTEE
ORIGINAL	RC	R. AMEN	02/26		<i>Alaine James 2/19/2026</i>
				<b>OPEN SURFACE BIOFILTRATION</b>	COORDINATOR R.C.E. 81047 DATE
					DESIGN
					GUIDE NO. <b>SDSW: DG-204</b>