

FILTER MEDIA SPECIFICATIONS

CHECK DAMS REQUIRED EVERY 50 LINEAR FEET.

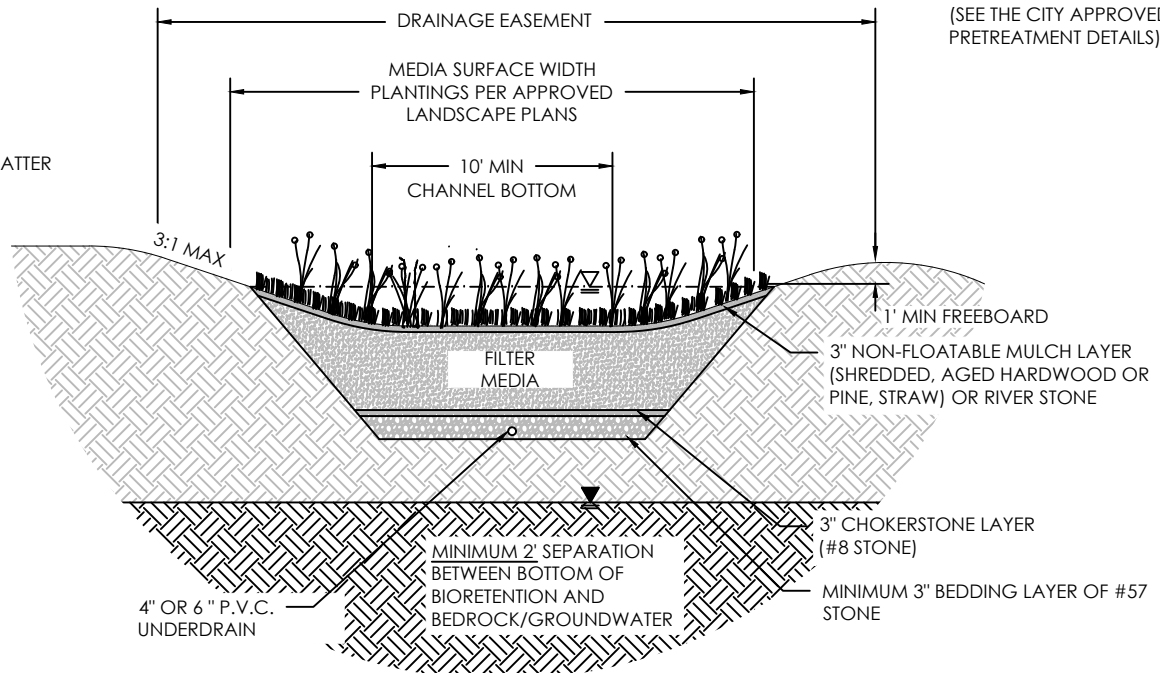
DEPTH: AS SPECIFIED ON PLANS

RECOMMENDED SLOPE IS LESS THAN 2%

DEPTH LIMITS:
24" MIN (LEVEL 1)
72" MAX

CONTENTS:
85% to 88% SAND
8% to 12% SOIL FINES
3% to 5% ORGANIC MATTER

ONE PRETREATMENT REQUIRED
(SEE THE CITY APPROVED
PRETREATMENT DETAILS)

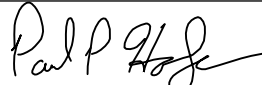



1. EXCAVATORS SHALL BE EQUIPPED IN ORDER TO WORK FROM THE OUTSIDE THE GIP FOOTPRINT. EXCAVATED AREAS SHALL NOT BE COMPACTED OR LOADED IN ANY WAY AS TO CAUSE SOIL COMPACTION.
2. DURING EXCAVATION, MOIST CONDITIONS MAY CAUSE FINES TO CLOG THE NATIVE SOIL SURFACE OF THE FACILITY. IF THE NATIVE SOIL HAS BEEN EXPOSED TO RAINFALL OR IF SMEARING OCCURS, HAND RAKE THE SURFACE TO A DEPTH OF 3' TO RESTORE INFILTRATION CAPACITY.
3. DURING CONSTRUCTION PHASE, CONTRACTOR SHALL DIVERT RUNOFF FLOW AROUND THE GIP AREAS TO ENSURE SEDIMENT DOES NOT ENTER.
4. RECYCLED MATERIAL IS NOT AN APPROVED FOR USE IN GIP FACILITIES.
5. UTILITIES, INCLUDING IRRIGATION ARE PROHIBITED WITHIN THE GIP FOOTPRINT.

CONSTRUCTION SEQUENCING:

1. CONSTRUCT STORMWATER RUNOFF DIVERSIONS.
2. EXCAVATE GIP AREAS.
3. SCARIFY SUBGRADE BY RIPPING THE BOTTOM SOILS TO A DEPTH OF 12 INCHES PRIOR TO STONE PLACEMENT.
4. SCHEDULE GIP INSTEPCION WITH CITY STORMWATER INSPECTOR AT (615) 791-3218.
5. INSTALL PERMEABLE GEOTEXTILE FABRIC.
6. INSTALL STONE LAYER, UNDERDRAIN PIPES, CONNECT TO OUTLET STRUCTURE.
7. SCHEDULE GIP INSTEPCION WITH CITY STORMWATER INSPECTOR AT (615) 791-3218.
8. INSTALL ADDITIONAL STONE ON AND FLAG THE UNDERDRAIN (3 FT EACH SIDE).
9. A SMALL BOBCAT LOADER MAY TO BE USED FOR PLACEMENT OF ADDITIONAL SECTIONS AVOIDING THE UNDERDRAIN PIPE INSTALLATIONS.
10. DELIVER AND STORE SOIL MEDIA ON PLASTIC SHEETING WITH APPROPRIATE EROSION CONTROL MEASURES.
11. SCHEDULE GIP INSTEPCION WITH CITY STORMWATER INSPECTOR AT (615) 791-3218.
12. ALLOW 48 HOURS SETTLEMENT. DO NOT COMPACT WITH EQUIPMENT.
13. ADD ADDITIONAL MEDIA AS NEEDED TO ACHIEVE THE DESIGN ELEVATIONS.
14. INSTALL VEGETATION, AND WATER ACCORDINGLY. PERMANENT IRRIGATION IS PROHIBITED IN GIP.
15. INSTALL SPECIFIED GROUNDCOVER.
16. FLAG LIMITS OF GIP FOR SURVEY LOCATE AND SHOW ON AS-BUILT PLANS.

N.T.S.

<p>WATER QUALITY SWALE LEVEL 1</p> <p>TITLE</p>	 <p>CITY OF FRANKLIN ENGINEERING 109 THIRD AVE SOUTH FRANKLIN, TN 37064</p>
<p>GIP-05 (01)</p> <p>DWG.NO.</p>	<p>DIRECTOR OF ENGINEERING</p>  <p>DATE 7/22/19</p>
<p>07/22/2019</p> <p>EFFECTIVE DATE</p>	<p>STORMWATER COORDINATOR</p>  <p>DATE 7/22/19</p>