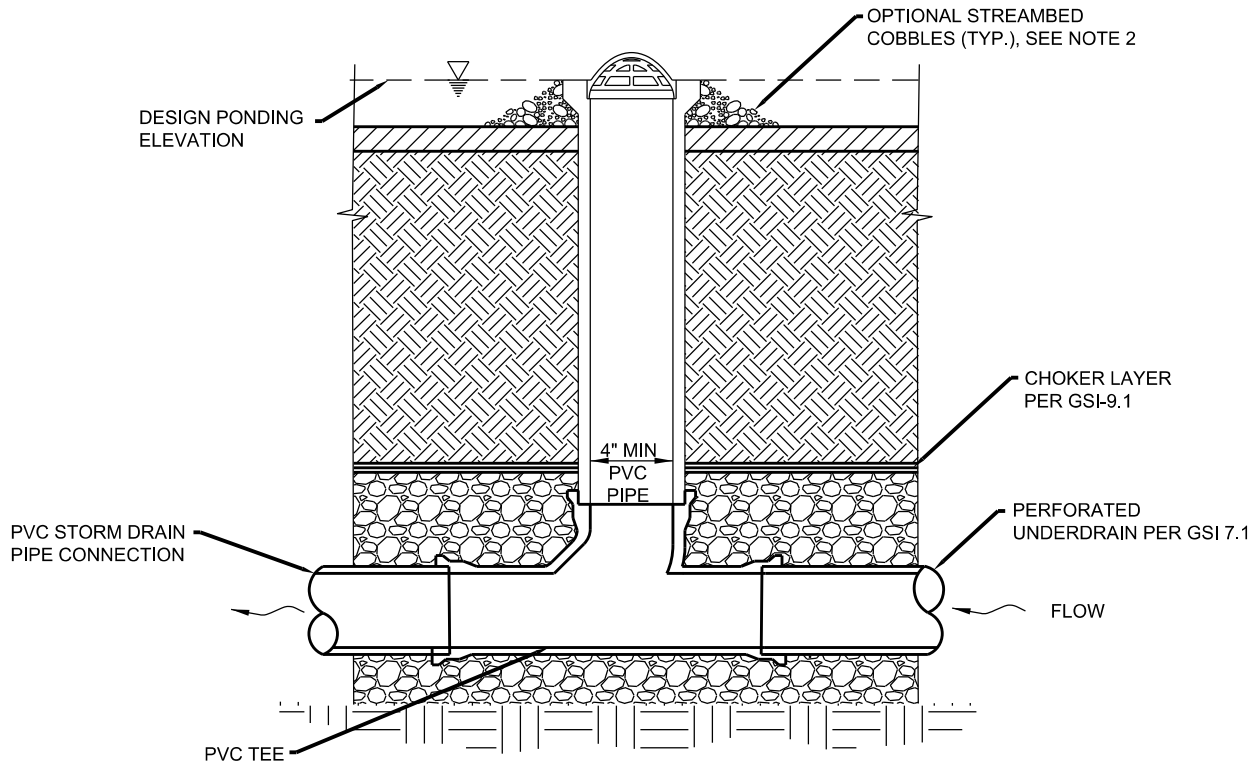


**BIORETENTION SECTION WITH OVERFLOW**



**OVERFLOW STRUCTURE DETAIL**

**NOTES**

1. MAXIMUM GRATE OPENING SHALL BE 4 INCHES. SIZE OF ATRIUM GRATE SHALL MATCH SIZE OF RISER SPECIFIED IN PLANS, SHALL BE REMOVABLE TO PROVIDE MAINTENANCE ACCESS, AND SHALL BE BOLTED IN PLACE OR OUTFITTED WITH APPROVED TAMPER-RESISTANT LOCKING MECHANISM.
2. MINIMUM STREAMBED COBBLE DIAMETER SHALL BE LARGER THAN MAXIMUM GRATE OPENING.
3. OVERFLOW/ UNDERDRAIN PIPES MUST BE EQUIPPED WITH CLEANOUTS PER GSI 7.1.
4. OVERFLOW RISER TO BE INSTALLED AS REQUIRED BY HYDRAULIC ANALYSIS.

<b>CITY OF RALEIGH STANDARD DETAIL</b>		
REVISIONS	DATE: 08/2021	NOT TO SCALE
<b>RISER OVERFLOW STRUCTURE DETAILS</b>		
<b>GSI-10</b>		