

CITY OF SANTA CLARA
C.3 TREATMENT FACILITIES CONSTRUCTION NOTES
(TO APPEAR ON STORMWATER MANAGEMENT PLAN)

1. Third party review and certification of installation and completed stormwater treatment measures is required. Third party reviewer must be a civil engineer, architect or landscape architect registered in the State of California and must have a current training on stormwater treatment design. A list of qualified third-party reviewers can be located at www.santaclaraca.gov/home/showpublisheddocument/46993/638083504133852672.
2. At beginning of construction, the project applicant shall arrange for a site visit (inspection) by a third-party reviewer acceptable to the City of Santa Clara. The third-party reviewer will recommend the required number of site inspections at different intervals of construction.
3. The 3rd party shall review all installed stormwater treatment measures and certify that they have been constructed in accordance with the approved Building plans.
4. Soils in the bioretention facilities should meet the Biotreatment Soil Mix (BSM) specifications per SCVURPPP C.3 Stormwater Handbook, Appendix C. A minimum percolation rate of 5 inches/hour and a maximum percolation rate of 10 inches/hour are required (initial infiltration rate may exceed this to allow for tendency of infiltration rate to reduce over time). Planting soil layer should be at least 18 inches deep. Contractor to submit material certificates signed by the material producer, certifying that soil complies with, or exceeds, specified requirements.
5. Permeable drain rock shall be Class 2 perm rock per Caltrans standard section 68-1.025. The material shall be washed and free from clay or organic material.
6. Perforated pipe shall be solvent weld PVC SDR 35 (or approved equal) with perforations faced down. Location of the pipe varies, see Plan.
7. Installation of **Porous Pavement and/or Vaults** shall be done per standard details and specifications. Third party reviewer or vendor shall inspect the porous pavement and/or vaults installation (including if necessary, performing percolation test) and submit their concurrence letter to the City of Santa Clara.
8. For any liner penetrations, radial cut the liner for pipe. Mastic and seal with pipe clamp to insure water-tight seal.
9. See Landscape plans and specifications for planting materials within bioretention facilities.