

1. Chambers shall be StormKeeper SK180 or approved equal.
2. Chambers shall be manufactured from virgin polypropylene resins.
3. Chambers shall meet or exceed the requirements of ASTM F2418.
4. Chambers shall have handles installed in the base to facilitate construction of the system.
5. Chambers shall be designed in accordance with ASTM F2787, "Standard Practice for Structural Design of Thermoplastic Corrugated Wall Stormwater Collection Chambers."
6. Rows of Chambers shall be continuous, unobstructed internal space with no internal support panels.
7. The structural design of the chambers, backfill, and installation requirements shall ensure that the load factors specified in the AASHTO LRFD Bridge design specifications, section 12.12 are met.
8. Only chambers that are approved by the Engineer shall be allowed.
9. Chambers shall be produced at an ISO 9001 certified manufacturing facility.
10. All design specifications for chambers shall be in accordance with the manufacturer's latest design guidelines.
11. The installation of the chambers shall be in accordance with the manufacturer's latest installation guidelines.