

Division 33 – Utilities

33.1. General

- a. The contractor shall secure, at the contractor's expense, all utilities hookups and access roads for all construction projects. The contractor shall be required to make all utility connections and is responsible for the removal of all connections and any repairs

April 23, 2019

shall be to the storm sewer with a "Y" a maximum of 50 feet away from the building. Provide cleanout at roof drain and at a change in direction of any drainage piping.

33.6. Storm Inlets and Structures

- a. The following requirements apply to storm inlets and structures:
 - i. VDOT standard structures are to be used.

- b. Manholes shall occur at changes in direction and in straight runs at a maximum of 400 feet in storm lines and 200 feet (200') in sanitary lines.
- c. Sanitary manholes shall be precast concrete (4

- k. Chilled water design pressure to be 150 psig. Direct Bury DIP Systems shall test pressure 1 times design pressure witnessed by Project Inspector.
- l. Long radius elbows are preferred