

Philadelphia Water Department

Water Transport Records Unit

Procedure for Drainage Plan Review

Private Connections Greater than 6" Diameter

1. Any authorized person may submit drainage plans for review.
2. Drainage plans shall be submitted to the Water Department, Drainage Information Unit, ARAMARK Tower, 1101 Market Street, Philadelphia, Pa 19107, independently of any plans submitted for the purpose of securing a building permit, and independently of any plans submitted for PWD Private Cost Contracts.
3. If preliminary review is desired, submit one set of plans showing information required for drainage plan approval as described below. After review is completed, designer will be contacted to discuss corrections with plan examiner.
4. For final review and approval, submit one (1) complete set of plumbing plans plus two (2) additional plot plans. One complete set will be given to contractor upon issuance of a permit.

Information Required for Drainage Plan Approval

Plot plan drawn to scale showing the following

1. Location of property.
2. Surface elevations or contours of areas to be drained.
3. Elevations at top of catch basins and invert elevations of outlet pipe.
4. Area tributary to each catch basin and all roof areas.
5. Size, slope, invert elevations, and tributary area of all sewer lines.
6. Size, location and material of existing sewer to which connection will be made.
7. Locations and sizes of all existing utilities in the street.
8. Profiles of sewer lines greater than 6" diameter and more than 100 feet long.
9. Details of special structures such as headwalls, trench drains, detention basins, seepage pits, etc.

10. Design for detention basins must show basin contours, orifice details, and emergency spillway details. Calculations must be submitted with the plans.

If rational method for design of sewers is used, design calculations must be submitted with plans.

If new water connections are required for the project please indicate size, proposed location and the size of the city water main.