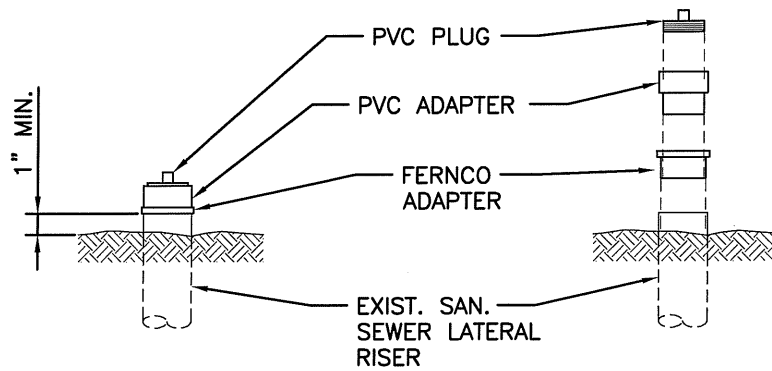


**TYPICAL ROOF DRAIN DOWNSPOUT CONNECTION TO SANITARY SEWER (PROHIBITED)**



**TYPICAL SECTION ROOF DRAIN DOWNSPOUT REMOVAL FROM SANITARY SEWERS**

**ASSEMBLY DETAIL**

BOROUGH OF AMBRIDGE	
ROOF DOWNSPOUT REMOVAL FROM SANITARY SEWERS	
NIRA Consulting Engineers, Inc.	
DR. E.E.B.	DATE: OCTOBER, 2006
APPR: F.E.L.	DWG FILE: BASD-15

## **Borough of Ambridge**

### **PROCEDURE**

#### **FOR**

#### **Roof Downspout Removal from Sanitary Sewers**

- **Connection of roof downspouts to sanitary sewers is prohibited.**
- Disconnect roof down spouts from existing sanitary sewer lateral riser pipe/s.
- **Permanent plugging of roof downspout riser pipe/s is prohibited.**
- Sanitary sewer lateral riser pipe/s from roof downspouts are to be extended with a male by female Fernco Style Adapter; PVC male plain end by female threaded cleanout fitting; and a PVC removable threaded plug to be used for future maintenance. Other fitting combinations may be needed depending upon existing conditions (See Borough of Ambridge Downspout “Removal From Sanitary Sewers” Typical Section BASD-15).
- If an existing roof downspout is being used as the sanitary sewer lateral vent, extend the riser pipe up above the roof. Vent height above the roof varies depending on roof pitch. Generally, vents are installed a minimum of 2 feet above the finished roof line with a weather/ rodent proof cap. A plumber may be needed to determine whether or not a roof downspout is serving as a combination drain and vent.
- Roof down spouts are to be reconnected to existing storm sewers provided one exists on a Lot boundary, i.e., front, side or rear and is reasonably accessible. The Borough Code Enforcement Office will consider roof downspout storm sewer connections on a case-by-case basis.
- If a storm sewer is not available for use, down spouts are to be installed utilizing splash blocks or flexible discharge connectors so as not to create a public nuisance to any neighboring property, sidewalk, street, road, alley or way.
- These procedures meet the requirements of the 2003 International Plumbing Code, Chapter 7 (Sanitary Drainage) and Chapter 11 (Storm Drainage); and the 2003 International Property Maintenance Code, Chapter 5 (Plumbing Facilities and Fixture Requirements) and Chapter 9 (Vents).