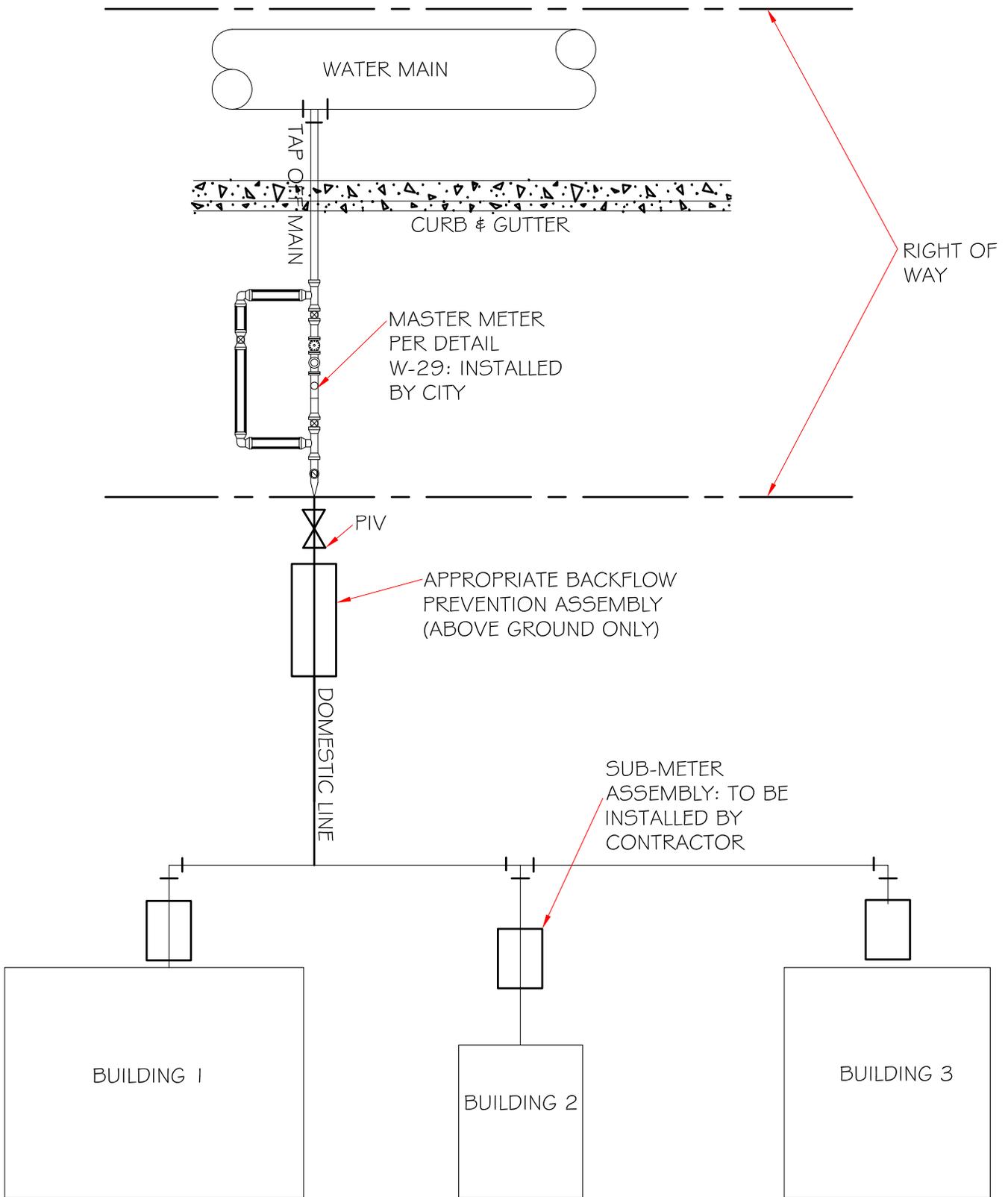


# APPENDIX F

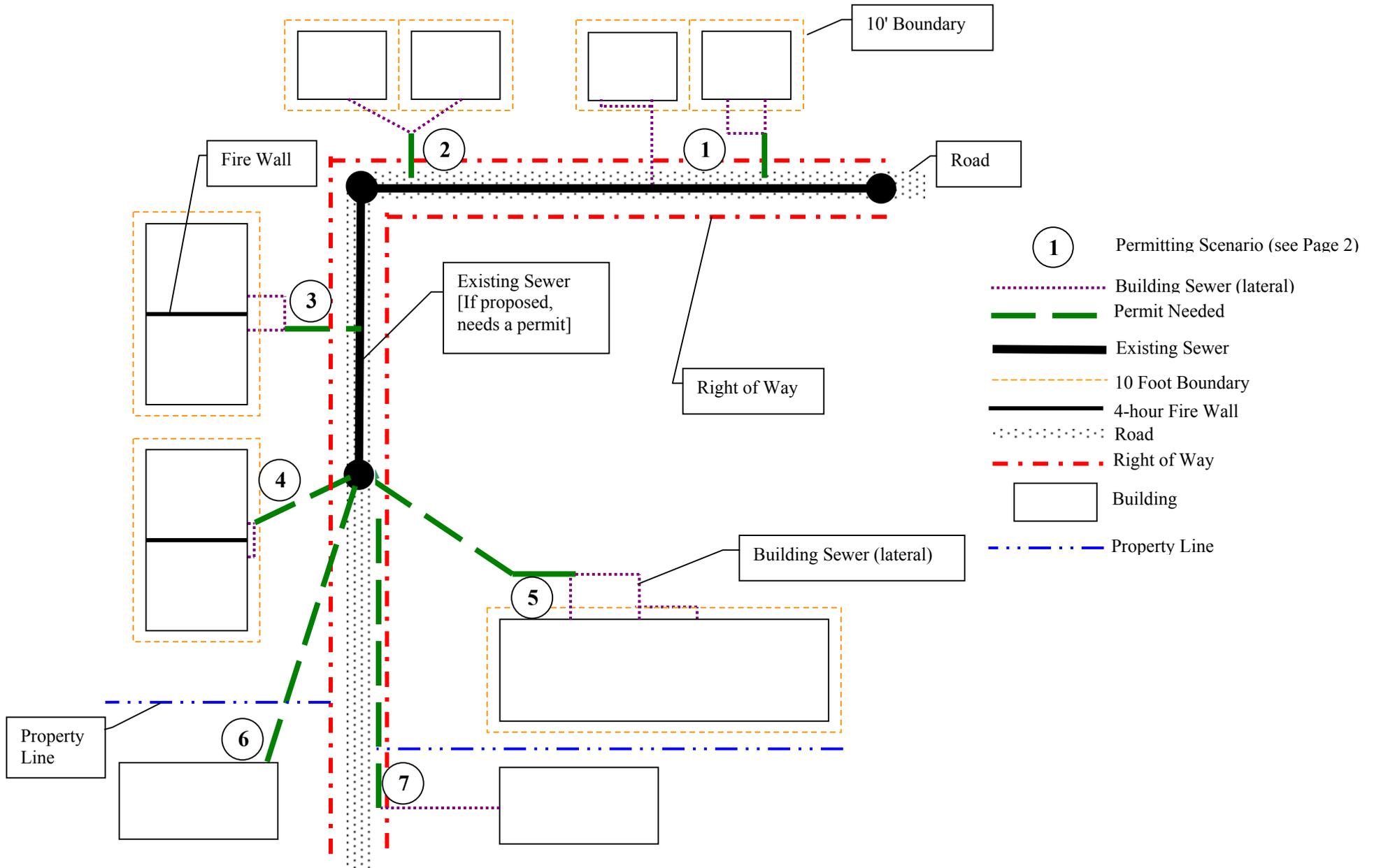
(Water and Sewer Permitting Scenarios)



*\*\* new detail*

CITY OF RALEIGH				
DEPARTMENT OF PUBLIC UTILITIES				
PRIVATE SYSTEM UTILIZING MASTER WATER METER AND BACKFLOW WITH SUBMETERING				
DWG. NO.	REVISIONS	DATE	REVISIONS	DATE
		10-25-13		

# When is a Sewer Extension Permit Necessary?



## **Building Sewer Definitions - 15A NCAC 2H .0203**

**"Building"** - Any structure or part of a structure built for the separate shelter or enclosure of persons, animals, chattels, or property of any kind and which has enclosing walls for at least 50 percent of its perimeter. Each unit separated from other units by a four hour fire wall shall be considered as a separate building.

**"Building Drain"** - That part of the lowest piping of a drainage system which receives waste from inside the building and conveys it to the building sewer which begins 10 feet outside the building wall.

**"Building Sewer"** - That part of the horizontal piping of a drainage system which receives the discharge from a single building drain and conveys it directly to a public sewer, private sewer, or on-site sewage disposal system. Pipelines or conduits, pumping stations and appliances appurtenant thereto will not be considered to be building sewers if they traverse adjoining property under separate ownership or travel along any highway right of way.

## **Permitting by Regulation - 15A NCAC 2H .0217(a)(3)**

Any building sewer documented by the local building inspector to be in compliance with the NC State Plumbing Code is deemed to be permitted pursuant to GS 143-215.1(d) and it shall not be necessary for the Division to issue individual permits for the construction or operation of such.

### **Explanation of Permitting Scenarios**

- ① A single building has more than two building drains that join beyond 10 feet outside the building wall. A permit from the Division is necessary from the point the two drains join as this is no longer considered a building sewer (because the line now serves more than one building drain).
- ② Two separate buildings each has a single building drain that join together. A permit from the Division is necessary from the point the two drains join as this is no longer a building sewer (because the line serves more than one building). This is similar to Scenario 1 with a different configuration.
- ③ A single structure is separated by a four hour fire-wall. It is now considered two separate buildings according to 15A NCAC 2H .0203. A permit from the Division is necessary from the point at which the two building drains join together because the line now serves more than one building and can not be considered a building sewer.
- ④ A single structure is separated by a four hour fire-wall. It is now considered two separate buildings according to 15A NCAC 2H .0203. A permit from the Division is necessary from the point at which the two building drains join together, even if it is within the 10 foot boundary of the building. This is similar to Scenario 3 with a different configuration.
- ⑤ A single building has multiple building drains. If all the drains connect within the 10 foot boundary of the building wall into one building sewer leaving the building, an individual permit from the Division is not necessary (must be approved by the local building inspector). However, an individual permit from the Division is necessary where a single building has multiple building sewers connected into one sewer line outside of the 10 foot building boundary.
- ⑥ A permit from the Division is necessary for this single building sewer because it traverses over adjoining property.
- ⑦ A permit from the Division is necessary for this single building sewer because it travels along a highway right of way. The Division interprets this definition for sewer lines traveling along any right of way (street, road, highway, etc.).

## Am I required to extend & connect to water or sewer?

(Note: a utility is considered available if actual length of ext. is 1,000' or less ( as governed by ROW or natural topo)

**I am developing and my property is:**

Inside City Limits and...	Water and Sewer is Available	Only one utility is available	Both are unavailable
of any size	You must extend and connect to both water & sewer	You must connect to both. You may request for the city to extend the mains, which will be assessed per standard City of Raleigh rates & procedure. Time frame for extension is not guaranteed. You may extend the mains at your cost if you so choose	You must connect to both. You may request for the city to extend the mains, which will be assessed per standard City of Raleigh rates & procedure. Time frame for extension is not guaranteed. You may extend the mains at your cost if you so choose

Inside ETJ and...	Water and Sewer is Available	Only one utility is available	Both are unavailable
Less than 2 acres	You must extend and connect to water only OR both water & sewer if they are readily accessible or located immediately adjacent to the site	If water is readily accessible or located immediately adjacent to the site, you must connect (with option to extend sewer at your cost). If sewer is readily accessible or located immediately adjacent to the site, you must extend water at your cost and connect to both	You may extend and connect to water only, both water & sewer OR neither at your cost
Greater than 2 acres	You must extend and connect to both water & sewer	If water is available, you must connect (with option to extend sewer at your cost). If sewer is available, you must extend water at your cost and connect to both. (Note: project may qualify for a joint venture with the city if L > 1,000' & DA > 100 acres)	You may extend and connect to water only, both water & sewer or neither at your cost. (Note: project may qualify for a joint venture with the city if L > 1,000' & DA > 100 acres)
<b>Note:</b> In order to extend or connect to utilities inside the ETJ, a Petition for Annexation must be submitted to the appropriate municipality. If the project is not associated with a particular development, you must petition Raleigh City Council for permission to extend utilities outside the city limits			

Outside the ETJ and...	Regardless of Availability		
of any size	No extensions or connections are permitted outside the ETJ. You must first petition for annexation into the ETJ and then follow the above scenarios		