

City of Belmont

115 N. MAIN STREET
POST OFFICE BOX 431
BELMONT, NC 28012
PHONE (704) 825-5586

The following is a required list of parts to be used for a 1/2", 1" and 2" water connection and for Fire Meter Service. Per City of Belmont

Water Service Connections for 1/2" Meter:

Table with 2 columns: Part Name and Part Number. Includes items like Water Service Saddle, 1" Corporation Stop, 1" Copper, 1" x 1/2" Curb Stop, 1/2" Meter Resetter, 1/2" Straight Coupling, Meter, Remote Disconnect Meter, and Meter Box.

Water Service Connections for 1" Meter:

Table with 2 columns: Part Name and Part Number. Includes items like Water Service Saddle, 1" Corporation Stop, 1" Copper, 1" Curb Stop, 1" Meter Resetter, 1" Straight Coupling, Meter, and Meter Box.

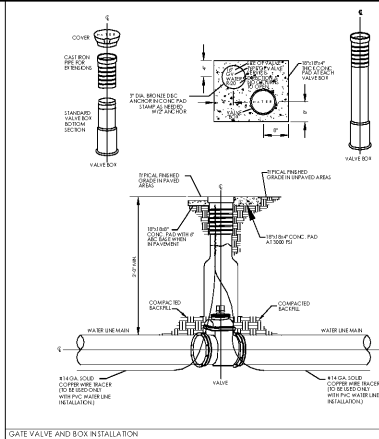
Water Service Connections for 2" Meter:

Table with 2 columns: Part Name and Part Number. Includes items like Water Service Saddle, 2" Corporation Stop, 2" Copper, 2" Curb Stop, 2" Meter Resetter, Meter, and Meter Box.

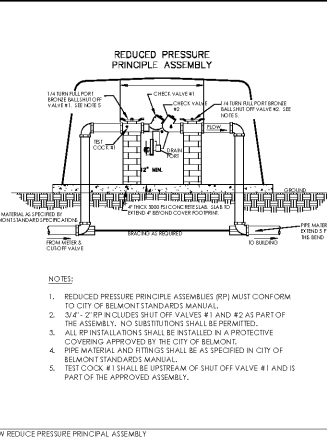
*** Larger meters will be Hersey meters and you will need to contact Mueller Systems for all part numbers

*** For all facilities requiring Backflow Preventers an approved list and test forms are available on the City's Website at www.cityofbelmont.org

NOTE: ALL WATER SERVICE CONNECTION PARTS MUST BE FROM THE APPROVED CITY OF BELMONT LIST, NO EXCEPTION

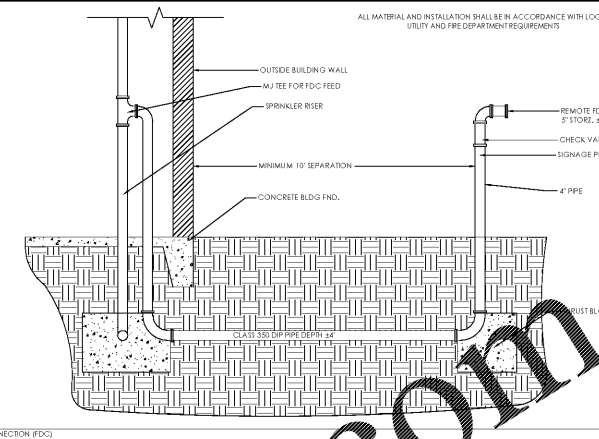


GATE VALVE AND BOX INSTALLATION

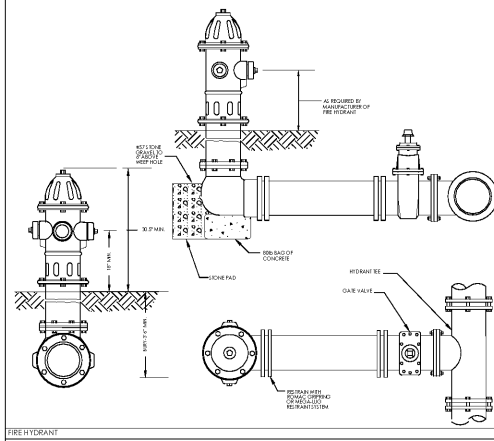


REDUCED PRESSURE PRINCIPLE ASSEMBLY

- NOTES: 1. REDUCED PRESSURE PRINCIPLE ASSEMBLIES (RPA) MUST CONFORM TO CITY OF BELMONT STANDARDS MANUAL. 2. 3/4" - 2" RPA INCLUDES SHUT OFF VALVES #1 AND #2 AS PART OF THE ASSEMBLY. NO SUBSTITUTIONS SHALL BE PERMITTED. 3. ALL RPA INSTALLATIONS SHALL BE INSTALLED IN A PROTECTIVE COVERING APPROVED BY THE CITY OF BELMONT. 4. RPA MATERIAL AND FITTINGS SHALL BE AS SPECIFIED IN CITY OF BELMONT STANDARDS MANUAL. 5. TEST COCK #1 SHALL BE UPSTREAM OF SHUT OFF VALVE #1 AND IS PART OF THE APPROVED ASSEMBLY.

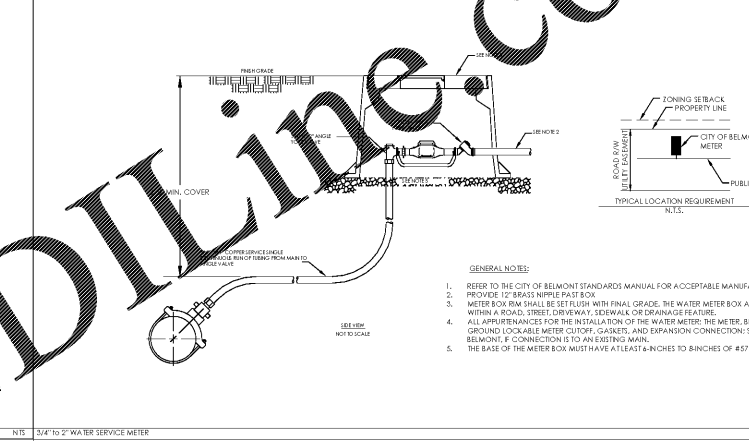


REMOTE FIRE DEPARTMENT CONNECTION (FDC)

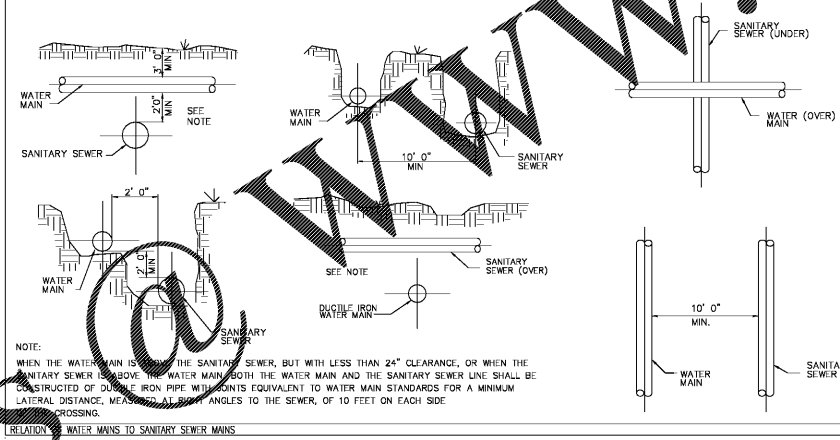


FIRE HYDRANT

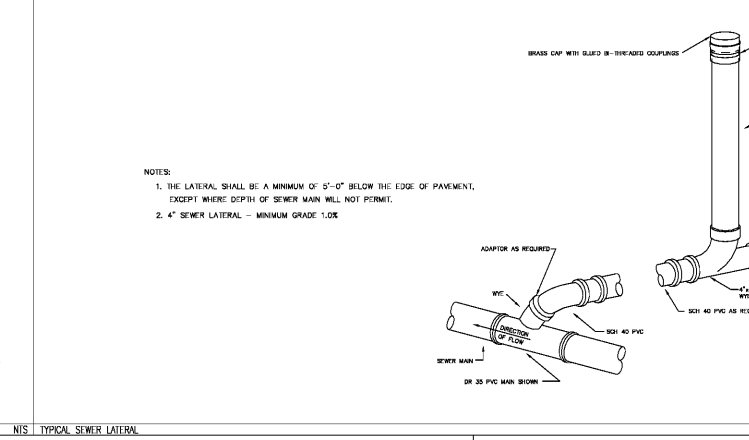
- GENERAL NOTES: 1. ALL MATERIALS AND INSTALLATION MUST CONFORM WITH THE TECHNICAL SPECIFICATIONS OF THE CITY OF BELMONT STANDARDS MANUAL. 2. HYDRANT SHALL HAVE INTEGRAL 30" HIGH STILE CONNECTION WITH 90° VALVE OPERING OPEN LEFT BY TRENCHING. TWO 3/4" MET CONNECTIONS, ONE 1/2" STORE CONNECTION, DRAIN HOLES OPEN, AND 6" NJ SIDE. 3. MINIMUM BURST DEPTH 3'-0". 4. ALL HYDRANTS SHALL STAND PLUMB. HYDRANTS WITH PUMPER NOZZLES SHALL HAVE PUMPER NOZZLES PARALLEL WITH, AND THE PUMPER NOZZLES PERPENDICULAR TO THE CURB LINE. ALL HYDRANTS SHALL BE ORIENTED SO THAT THE PUMPER NOZZLES FACES THE CURB OR AS DIRECTED BY THE CITY. 5. HYDRANT SHALL BE LOCATED AT LEAST 7' BEHIND THE CURB AND LESS THAN 10' FROM THE EDGE OF THE ROADWAY PAVEMENT OR AS DIRECTED BY THE CITY.



3/4" TO 2" WATER SERVICE METER

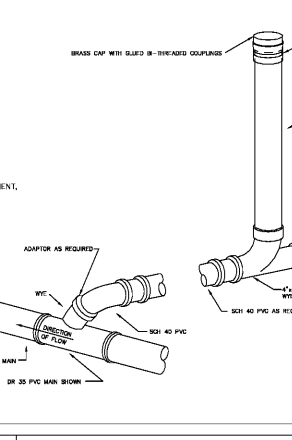


RELATIONSHIP WATER MAINS TO SANITARY SEWER MAINS

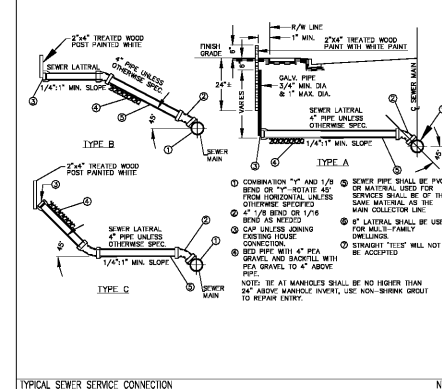


TYPICAL SEWER LATERAL

- NOTES: 1. THE LATERAL SHALL BE A MINIMUM OF 5'-0" BELOW THE EDGE OF PAVEMENT, EXCEPT WHERE DEPTH OF SEWER MAIN WILL NOT PERMIT. 2. 4" SEWER LATERAL - MINIMUM GRADE 1.0%



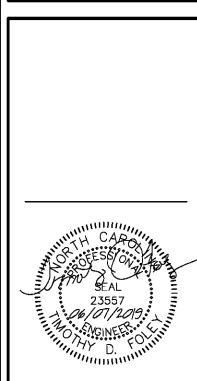
TYPICAL SEWER SERVICE CONNECTION



TYPICAL SEWER SERVICE CONNECTION

- NOTES: 1. CONTRACTOR IS FULLY RESPONSIBLE FOR CONTACTING APPROPRIATE PARTIES AND ASSURING THAT EXISTING UTILITIES ARE LOCATED PRIOR TO BEGINNING CONSTRUCTION. 2. CONTRACTOR IS RESPONSIBLE FOR PLACING BARRICADES USING FLAGMEN, ETC., AS NECESSARY TO INSURE SAFETY TO THE PUBLIC. 3. ALL PAVEMENT CUTS, CONCRETE OR ASPHALT, ARE TO BE REPLACED ACCORDING TO STANDARDS OF THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION. 4. SHORING WILL BE ACCORDING TO OSHA TRENCHING STANDARDS PART 1926 SUBPART P, OR AS AMENDED.

HensonFoley logo and contact information: Landscape Architecture | Civil Engineering | Surveying | 8712 Lindholm Dr. Suite 202A, Huntersville, NC 28078 | P: 704.875.1615 | www.hensonfoley.com



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HAWLEY AVE, BELMONT, NORTH CAROLINA 28012

REVISIONS table with columns for revision number, date, and description.

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