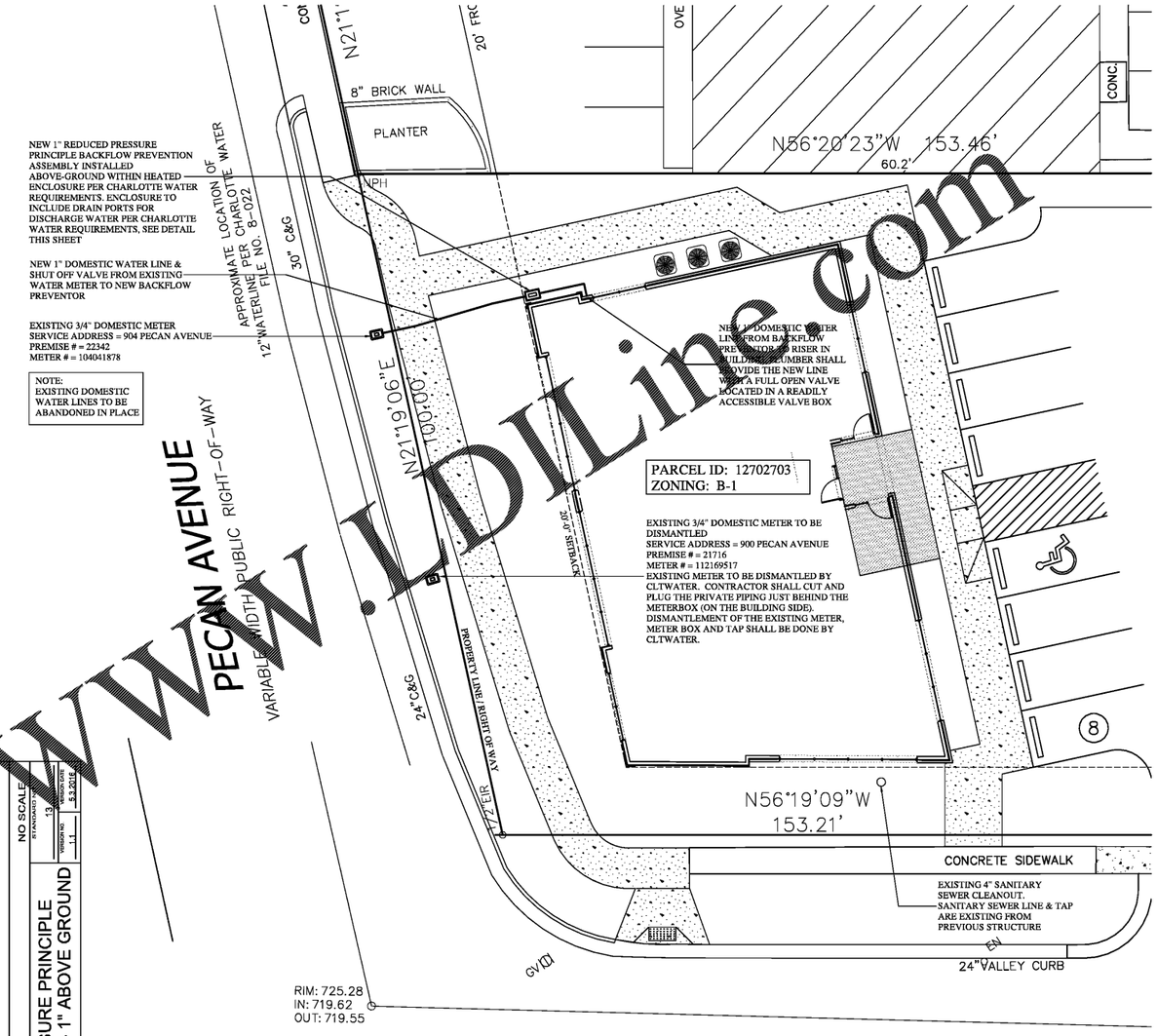
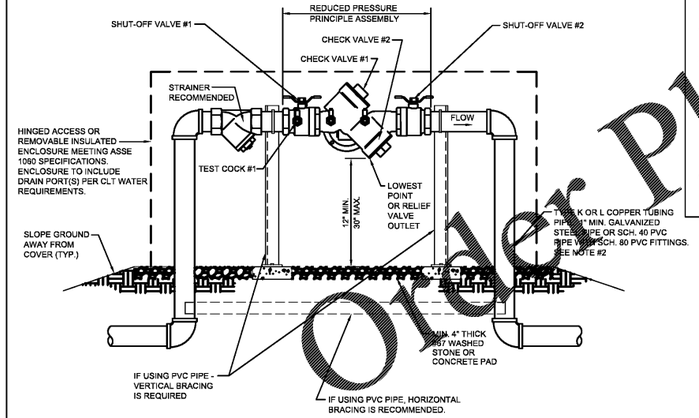
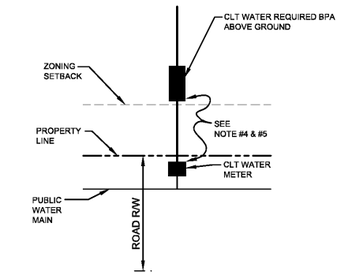




NOTES:

1. BACKFLOW PREVENTION ASSEMBLIES (BPA's) SHALL CONFORM TO CLT WATER SPECIFICATIONS. SHUT-OFF VALVES ARE SPECIFIC TO EACH APPROVED BPA AND NO SUBSTITUTIONS OF SHUT-OFF VALVES ARE PERMITTED. REFER TO CLT WATER APPROVED LIST OF BPA's.
2. PIPE MATERIAL AND FITTINGS SHALL BE AS SPECIFIED IN CLT WATER STANDARDS & SPECIFICATIONS. IF USING PVC PIPE / FITTINGS, VERTICAL SUPPORT IS REQUIRED AND HORIZONTAL BRACING IS RECOMMENDED.
3. INSULATED ENCLOSURE SHALL BE AS SPECIFIED IN CLT WATER ENCLOSURE INFORMATION - HEATED INSULATED ENCLOSURE IS RECOMMENDED. NO INSULATION SHALL BE WRAPPED AROUND BPA.
4. ALL LOCATIONS FOR BPA'S REQUIRE CLT WATER APPROVAL AND MUST BE OUTSIDE OF ZONING SETBACK BEHIND METER.
5. THERE SHALL BE NO TAPS, PIPING BRANCHES, UNAPPROVED BYPASS PIPING, HYDRANTS, FIRE DEPT. CONNECTION POINTS, OR OTHER WATER USING APPURTENANCES CONNECTED TO THE SUPPLY LINE BETWEEN ANY WATER METER AND ITS CLT WATER REQUIRED BACKFLOW PREVENTER.
6. EACH CLT WATER REQUIRED BPA IS REQUIRED TO BE TESTED BY A CLT WATER APPROVED CERTIFIED TESTER PRIOR TO PLACING THE WATER SYSTEM IN SERVICE. TEST RESULTS SHALL BE SUBMITTED TO CLT WATER WITHIN 30 DAYS AND TESTED ANNUALLY THEREAFTER SUBMITTING RESULTS TO CLT WATER.
7. ALL INSTALLATIONS INTENDED FOR ADDRESSING CLT WATER REQUIREMENTS, REQUIRE PRIOR APPROVAL FROM THE APPROPRIATE CLT WATER BACKFLOW INSPECTOR.



TYPICAL LOCATION REQUIREMENT
FOR ABOVE GROUND INSTALLATION
N.T.S.

NO SCALE
STANDARD NO. 13
VERSION NO. 1.1
VERSION DATE 5.3.2016

REDUCED PRESSURE PRINCIPLE ASSEMBLY (RP) 3/4" - 1" ABOVE GROUND

CHARLOTTE WATER
STANDARD DETAILS
BACKFLOW PREVENTION

CHARLOTTE WATER
A CITY OF CHARLOTTE DEPARTMENT

BACKFLOW PREVENTION NOTES:

1. THERE SHALL BE NO TAPS, PIPING BRANCHES, UNAPPROVED BYPASS PIPING, HYDRANTS, FIRE DEPT. CONNECTION POINTS, OR OTHER WATER USING APPURTENANCES CONNECTED TO THE SUPPLY LINE BETWEEN ANY WATER METER AND ITS CHARLOTTE WATER REQUIRED BACKFLOW PREVENTOR
2. EACH CHARLOTTE WATER REQUIRED BPA IS REQUIRED TO BE TESTED BY A CHARLOTTE WATER APPROVED CERTIFIED TESTER PRIOR TO PLACING THE WATER SYSTEM IN SERVICE.

NOTE:
NO IRRIGATION SYSTEM IS PERMITTED WITHOUT A SEPARATE WATER METER CONNECTION FROM CLTWATER UNLESS THE SITE IS DETERMINED BY CLTWATER TO QUALIFY FOR THE EXEMPTION ESTABLISHED BY STATE LAW.

1 / SP-6 UTILITY PLAN
1" = 10'-0"

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DANIEL STUART PRIEST
REGISTERED ARCHITECT
NORTH CAROLINA

NOT FOR CONSTRUCTION

PRIEST ARCHITECTURE, PLLC
REGISTERED ARCHITECTURAL CORPORATION
CERT. NO. C-2170
NORTH CAROLINA
CHARLOTTE, N.C.

REVISIONS

NO.	DATE

BH PECAN, LLC
904 PECAN AVENUE
CHARLOTTE, NORTH CAROLINA 28205

Project No: 1923
Scale:
Date Drawn:
Sheet Title
UTILITY PLAN

SP-6