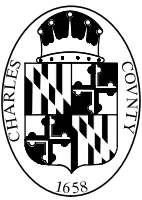


NOTES:

1. FOR BACKFLOW PREVENTER(S) REQUIREMENTS REFER TO DETAIL W/6.14 AND W/6.15
2. USE OF POLYETHYLENE FLEXIBLE PIPE (PEFP) IS ALLOWED FOR RESIDENTIAL WATER HOUSE CONNECTION (WHC) APPLICATION. COPPER TUBING TYPE K TO BE USED FOR WHC. PEFP FOR RESIDENTIAL WHC SHALL BE USED WITH THE FOLLOWING CONDITIONS:
  - COPPER TUBING TYPE K SHALL BE CONTINUED FOR A MINIMUM OF 5' FROM THE METER/ CURB STOP TO THE PROPERTY FOR DOMESTIC WATER LINE. THE TRANSITION FROM THIS POINT ONWARD SHALL BE PEFP. HOWEVER, IF THE FIRE SPRINKLER LINE IS REQUIRED, IT SHALL BE CONTINUED WITH COPPER TUBING TYPE K.
  - TO RESIST CORROSION, FITTING & COUPLINGS AT THE TRANSITION COPPER TO PEFP MUST BE NON-FERROUS METAL OR THEIR ALLOYS.
  - TO PROVIDE A LEAK TIGHT SEAL AT THE TRANSITION, FLARE FITTINGS SHALL BE USED AT THE COPPER SIDE OF THE PIPE.
  - SINCE POLYETHYLENE PIPE IS NOT TRACEABLE, A TRACER WIRE WITH ACCESS TO BOTH ENDS SHALL BE INSTALLED ALONG THE LINE.
  - THE PIPE BEDDING SHALL BE IN ACCORDANCE WITH MANUFACTURER RECOMMENDED DESIGN.

	<b>CHARLES COUNTY GOVERNMENT</b> DEPARTMENT OF PLANNING & GROWTH MANAGEMENT	<b>STANDARD DETAIL</b>	<b>W</b> <b>1.03</b>	
	APPROVED: <u>Raymond N. Shumaker, Jr.</u> Oct 5, 2022 <small>Raymond N. Shumaker, Jr. (Oct 5, 2022 12:20 EDT)</small> <b>CHIEF OF CODES, PERMITS, &amp; INSPECTION SERVICES</b>	DATE Oct 5, 2022	<b>FIRE SPRINKLER &amp; DOMESTIC SYSTEM CONNECTION</b> <b>(INDIVIDUAL/ RESIDENTIAL) OUTSIDE METER</b>	REVISIONS: JANUARY 2007 SEPTEMBER 2022
	<u>H.B. Bill</u> PROFESSIONAL ENGINEER	DATE		