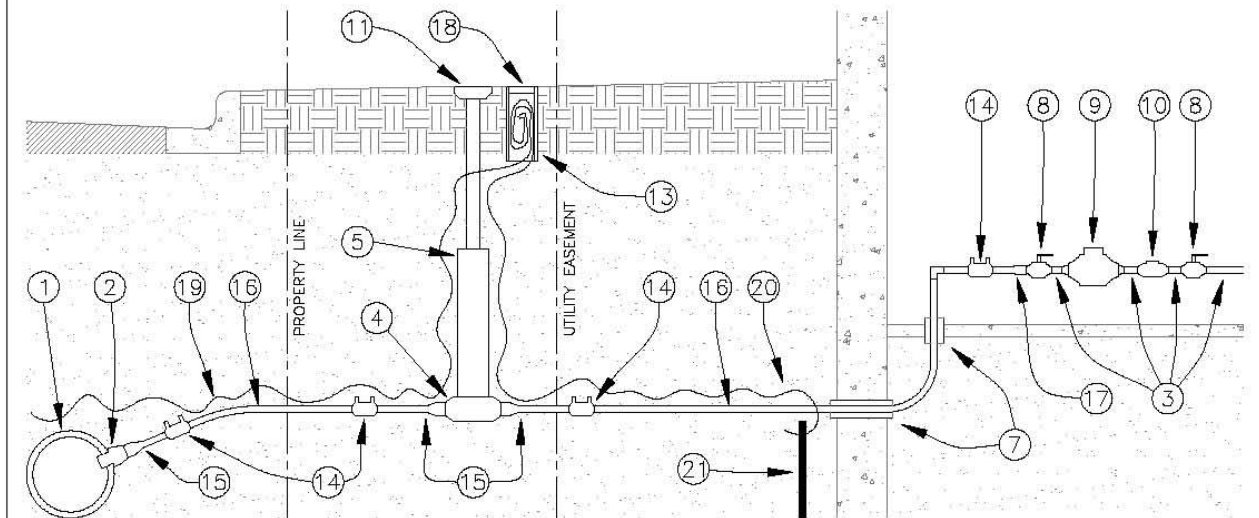


1 TYPE K COPPER WATER PIPE SERVICE ENTRANCE FROM A DUCTILE IRON WATERMAIN  
NO SCALE



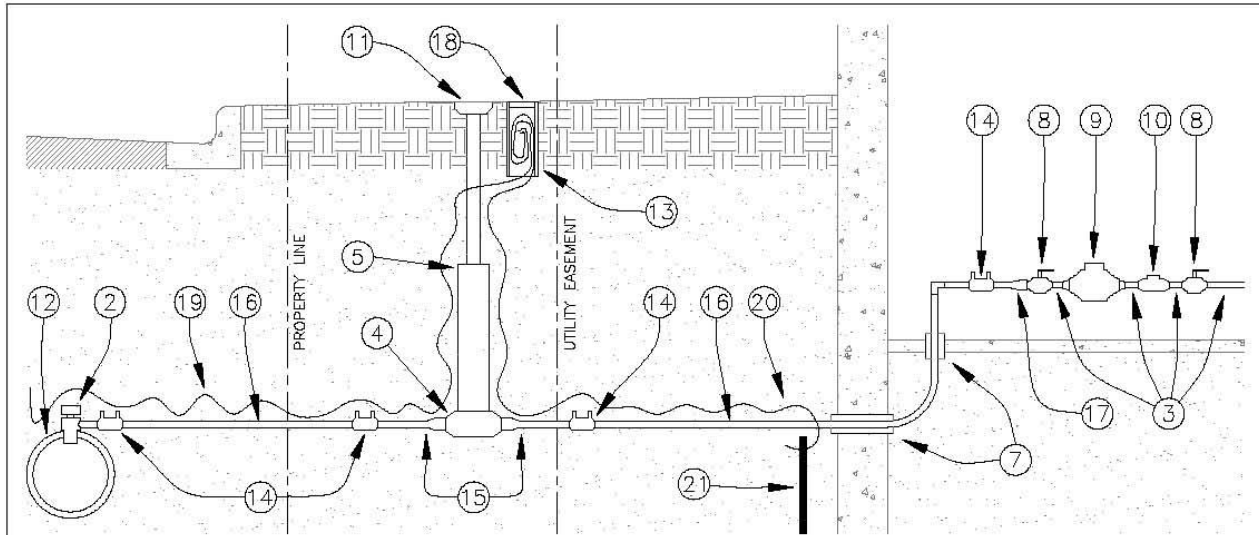
2 POLYETHYLENE (PE) WATER PIPE SERVICE ENTRANCE FROM A DUCTILE IRON WATERMAIN  
NO SCALE



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Elk River Municipal Utilities  
Water Service Entrance Standards  
(1 OF 2)

date: February 12, 2007  
scale: no scale



3 POLYETHYLENE (PE) WATER PIPE SERVICE ENTRANCE FROM A POLYETHYLENE WATERMAIN  
NO SCALE

KEYED NOTES

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>① DUCTILE IRON WATERMAIN.</li> <li>② CORPORATION STOP BY OWNER.</li> <li>③ TYPE K COPPER WATER PIPE BY OWNER.</li> <li>④ CURB STOP VALVE BY OWNER.</li> <li>⑤ CURB STOP BOX BY OWNER.</li> <li>⑥ COMPRESSION FITTING BY OWNER (LIMIT ONE PER SERVICE ENTRANCE).</li> <li>⑦ PROVIDE POLYETHYLENE SLEEVE FOR ALL CONCRETE PENETRATIONS.</li> <li>⑧ SHUT OFF VALVE BY OWNER.</li> <li>⑨ WATER METER BY OWNER.</li> <li>⑩ PRESSURE REDUCING VALVE BY OWNER (WHERE REQUIRED BY ERMU).</li> <li>⑪ THE OWNER SHALL BE RESPONSIBLE FOR MAINTAINING TOP OF CURB STOP BOX FLUSH WITH GROUND SURFACE.</li> <li>⑫ POLYETHYLENE WATERMAIN.</li> </ul> | <ul style="list-style-type: none"> <li>⑬ LOCATE WIRE BOX BY OWNER.</li> <li>⑭ ELECTRICALLY FUSED POLYETHYLENE COUPLER BY OWNER.</li> <li>⑮ PREFABRICATED METAL FLAR TO POLYETHYLENE PIPE TAIL BY OWNER.</li> <li>⑯ POLYETHYLENE WATER PIPE BY OWNER. POLYETHYLENE PIPE SHALL BE HDPE 1" O.D. SDR11 (IPS).</li> <li>⑰ PREFABRICATED HEAVY DUTY METAL TO POLYETHYLENE PIPE TAIL BY OWNER.</li> <li>⑱ THE OWNER SHALL BE RESPONSIBLE FOR MAINTAINING TOP OF LOCATE WIRE BOX FLUSH WITH GROUND SURFACE.</li> <li>⑲ 12AWG COPPER CLAD STEEL, EXTRA HIGH STRENGTH HARD DRAWN, HDPE JACKETED, DIRECT BURIAL LOCATE WIRE BY OWNER. LOCATE WIRE SHALL BE SECURED TO SERVICE ENTRANCE PIPE. WIRE SHALL BE CAD WELD BONDED TO DUCTAL IRON WATERMAIN OR PE WATERMAIN LOCATE WIRE.</li> <li>⑳ 12AWG COPPER CLAD STEEL, EXTRA HIGH STRENGTH HARD DRAWN, HDPE JACKETED, DIRECT BURIAL LOCATE WIRE BY OWNER. LOCATE WIRE SHALL BE SECURED TO SERVICE ENTRANCE PIPE. WIRE SHALL BE CAD WELD BONDED AT BUILDING WATER SERVICE ENTRANCE TO GROUND ROD.</li> <li>㉑ 8' GROUND ROD BY OWNER.</li> </ul> |
|---|---|

GENERAL NOTES

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|--|---|
| <p>1. ALL COMPONENTS SHALL MEET THE FOLLOWING AMERICAN WATER WORKS ASSOCIATION (AWWA) STANDARDS: C800, C901/906.</p> | <p>2. INSTALLATION AND COMPONENTS SHALL MEET ALL STATE AND LOCAL PLUMBING CODE REQUIREMENTS</p> |
|--|---|



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