

| Croses | Tees | Wyes | Bends | Caps | Plugs | Reducers | Corporation Stops | Buterfly Valves | Check Valves | Globe Valves |
|---------------------|-------------------|-------------------|---------------------|------------|-------------|---------------------|-----------------------------------|------------------------|--------------------|--------------------|
| 1/8" Cross | 1/8" Tee | 1/8" Wye | 1"-11-1/4° Bend | 1/8" Cap | 1/4" Plug | 1/2"x1/4" Reducer | 3/4" Corporation Stop to 4" Line | 1-1/4" Butterfly Valve | 1/4" Check Valve | 1/8" Globe Valve |
| 1/4" Cross | 1/4" Tee | 1/4" Wye | 1"-22-1/2° Bend | 1/4" Cap | 3/8" Plug | 1/2"x3/8" Reducer | 3/4" Corporation Stop to 6" Line | 1-1/2" Butterfly Valve | 3/8" Check Valve | 1/4" Globe Valve |
| 3/8" Cross | 3/8" Tee | 3/8" Wye | 1"-45° Bend | 3/8" Cap | 1/2" Plug | 3/4"x3/8" Reducer | 3/4" Corporation Stop to 8" Line | 2" Butterfly Valve | 1/2" Check Valve | 3/8" Globe Valve |
| 1/2"x1/4" Cross | 1/2"x1/4" Tee | 1/2"x1/4" Wye | 1"-90° Bend | 1/2" Cap | 3/4" Plug | 3/4"x1/2" Reducer | 3/4" Corporation Stop to 10" Line | 2-1/2" Butterfly Valve | 3/4" Check Valve | 1/2" Globe Valve |
| 1/2"x3/8" Cross | 1/2"x3/8" Tee | 1/2"x3/8" Wye | 1-1/2"-11-1/4° Bend | 3/4" Cap | 1" Plug | 1"x1/2" Reducer | 3/4" Corporation Stop to 12" Line | 3" Butterfly Valve | 1" Check Valve | 3/4" Globe Valve |
| 1/2" Cross | 1/2" Tee | 1/2" Wye | 1-1/2"-22-1/2° Bend | 1" Cap | 1-1/4" Plug | 1"x3/4" Reducer | 3/4" Corporation Stop to 14" Line | 3-1/2" Butterfly Valve | 1-1/4" Check Valve | 1" Globe Valve |
| 3/4"x3/8" Cross | 3/4"x3/8" Tee | 3/4"x3/8" Wye | 1-1/2"-45° Bend | 1-1/4" Cap | 1-1/2" Plug | 1-1/4"x1/2" Reducer | 3/4" Corporation Stop to 16" Line | 1/8" Check Valve | 1-1/2" Check Valve | 1-1/4" Globe Valve |
| 3/4"x1/2" Cross | 3/4"x1/2" Tee | 3/4"x1/2" Wye | 1-1/2"-90° Bend | 1.5" Cap | 2" Plug | 1-1/4"x3/4" Reducer | 3/4" Corporation Stop to 18" Line | | 2" Check Valve | 1-1/2" Globe Valve |
| 3/4" Cross | 3/4" Tee | 3/4" Wye | 1-1/4"-11-1/4° Bend | 2" Cap | 2-1/2" Plug | 1-1/4"x1" Reducer | 3/4" Corporation Stop to 20" Line | | 2-1/2" Check Valve | 2" Globe Valve |
| 1"x1/2" Cross | 1"x1/2" Tee | 1"x1/2" Wye | 1-1/4"-22-1/2° Bend | 2-1/2" Cap | 3" Plug | 1-1/2"x1/2" Reducer | 3/4" Corporation Stop to 24" Line | | 3" Check Valve | 2-1/2" Globe Valve |
| 1"x3/4" Cross | 1"x3/4" Tee | 1"x3/4" Wye | 1-1/4"-45° Bend | 3" Cap | 3-1/2" Plug | 1-1/2"x3/4" Reducer | 1" Corporation Stop to 4" Line | | 3-1/2" Check Valve | 3" Globe Valve |
| 1" Cross | 1" Tee | 1" Wye | 1-1/4"-90° Bend | 3-1/2" Cap | | 1-1/2"x1" Reducer | 1" Corporation Stop to 6" Line | | | 3-1/2" Globe Valve |
| 1-1/4"x1/2" Cross | 1-1/4"x1/2" Tee | 1-1/4"x1/2" Wye | 1/2"-11-1/4° Bend | | | | | | | |
| 1-1/4"x3/4" Cross | 1-1/4"x3/4" Tee | 1-1/4"x3/4" Wye | 1/2"-12-1/2° Bend | | | | | | | |
| 1-1/4"x1" Cross | 1-1/4"x1" Tee | 1-1/4"x1" Wye | 1/2"-45° Bend | | | | | | | |
| 1-1/4" Cross | 1-1/4" Tee | 1-1/4" Wye | 1/2"-90° Bend | | | | | | | |
| 1-1/2"x1/2" Cross | 1-1/2"x1/2" Tee | 1-1/2"x1/2" Wye | 1/4"-11-1/4° Bend | | | | | | | |
| 1-1/2"x1" Cross | 1-1/2"x3/4" Tee | 1-1/2"x3/4" Wye | 1/4"-22-1/2° Bend | | | | | | | |
| 1-1/2"x1-1/4" Cross | 1-1/2"x1" Tee | 1-1/2"x1" Wye | 1/4"-45° Bend | | | | | | | |
| 1-1/2" Cross | 1-1/2"x1-1/4" Tee | 1-1/2"x1-1/4" Wye | 1/4"-90° Bend | | | | | | | |
| 2"x1/2" Cross | 1-1/2" Tee | 1-1/2" Wye | 1/8"-11-1/4° Bend | | | | | | | |
| 2"x3/4" Cross | 2"x1/2" Tee | 2"x1/2" Wye | 1/8"-22-1/2° Bend | | | | | | | |
| 2"x1" Cross | 2"x3/4" Tee | 2"x3/4" Wye | 1/8"-45° Bend | | | | | | | |
| 2"x1-1/4" Cross | 2"x1" Tee | 2"x1" Wye | 1/8"-90° Bend | | | | | | | |
| 2"x1-1/2" Cross | 2"x1-1/4" Tee | 2"x1-1/4" Wye | 2"-11-1/4° Bend | | | | | | | |
| 2" Cross | 2"x1-1/2" Tee | 2"x1-1/2" Wye | 2"-22-1/2° Bend | | | | | | | |
| 2-1/2"x1" Cross | 2" Tee | 2" Wye | 2"-45° Bend | | | | | | | |
| 2-1/2"x1-1/4" Cross | 2-1/2"x1" Tee | 2-1/2"x1" Wye | 2"-90° Bend | | | | | | | |
| 2-1/2"x1-1/2" Cross | 2-1/2"x1-1/4" Tee | 2-1/2"x1-1/4" Wye | 2-1/2"-11-1/4° Bend | | | | | | | |
| 2-1/2"x2" Cross | 2-1/2"x1-1/2" Tee | 2-1/2"x1-1/2" Wye | 2-1/2"-22-1/2° Bend | | | | | | | |
| 2-1/2" Cross | 2-1/2"x2" Tee | 2-1/2"x2" Wye | 2-1/2"-45° Bend | | | | | | | |
| 3"x1" Cross | 2-1/2" Tee | 2-1/2" Wye | 2-1/2"-90° Bend | | | | | | | |
| 3"x1-1/4" Cross | 3"x1" Tee | 3"x1" Wye | 3"-11-1/4° Bend | | | | | | | |
| 3"x1-1/2" Cross | 3"x1-1/4" Tee | 3"x1-1/4" Wye | 3"-12-1/2° Bend | | | | | | | |
| 3"x2" Cross | 3"x1-1/2" Tee | 3"x1-1/2" Wye | 3"-45° Bend | | | | | | | |
| 3"x2-1/2" Cross | 3"x2" Tee | 3"x2" Wye | 3"-90° Bend | | | | | | | |
| 3" Cross | 3"x2-1/2" Tee | 3"x2-1/2" Wye | 3-1/2"-11-1/4° Bend | | | | | | | |
| 3-1/2"x1-1/2" Cross | 3" Tee | 3" Wye | 3-1/2"-12-1/2° Bend | | | | | | | |
| 3-1/2"x2" Cross | 3-1/2"x1-1/2" Tee | 3-1/2"x1-1/2" Wye | 3-1/2"-45° Bend | | | | | | | |
| 3-1/2"x2-1/2" Cross | 3-1/2"x2" Tee | 3-1/2"x2" Wye | 3-1/2"-90° Bend | | | | | | | |
| 3-1/2"x3" Cross | 3-1/2"x2-1/2" Tee | 3-1/2"x2-1/2" Wye | 3/4"-11-1/4° Bend | | | | | | | |
| 3-1/2" Cross | 3-1/2"x3" Tee | 3-1/2"x3" Wye | 3/4"-22-1/2° Bend | | | | | | | |
| 1-1/2"x3/4" Cross | 3-1/2" Tee | 3-1/2" Wye | 3/4"-45° Bend | | | | | | | |
| | | | 3/4"-90° Bend | | | | | | | |
| | | | 3/8"-11-1/4° Bend | | | | | | | |
| | | | 3/8"-22-1/2° Bend | | | | | | | |
| | | | 3/8"-45° Bend | | | | | | | |
| | | | 3/8"-90° Bend | | | | | | | |

| Crosses | Tees | Wyes | Bends | Caps | Reducers | Plugs | Fire Hydrants | FD Connections | Pipe | Air Release Valves | Butterfly Valves | Check Valves | Gate Valves |
|---------------|-------------|-------------|------------------|---------|-----------------|----------|---------------------------|---|-------|-----------------------|---------------------|-----------------|----------------|
| 4" Cross | 4" Tee | 4" Wye | 4"-11-1/4° Bend | 4" Cap | 6"x4" Reducer | 4" Plug | Fire Hydrant - 2.0' Depth | Fire Department Connection - 2.0' Depth | 4" W | 4" Air Release Valve | 4" Butterfly Valve | 4" Check Valve | 4" Gate Valve |
| 6"x4" Cross | 6"x4" Tee | 6"x4" Wye | 4"-22-1/2° Bend | 6" Cap | 8"x4" Reducer | 6" Plug | Fire Hydrant - 2.5' Depth | Fire Department Connection - 2.5' Depth | 6" W | 6" Air Release Valve | 6" Butterfly Valve | 6" Check Valve | 6" Gate Valve |
| 6" Cross | 6" Tee | 6" Wye | 4"-45° Bend | 8" Cap | 8"x6" Reducer | 8" Plug | Fire Hydrant - 3.0' Depth | Fire Department Connection - 3.0' Depth | 8" W | 8" Air Release Valve | 8" Butterfly Valve | 8" Check Valve | 8" Gate Valve |
| 8"x4" Cross | 8"x4" Tee | 8"x4" Wye | 4"-90° Bend | 10" Cap | 10"x4" Reducer | 10" Plug | Fire Hydrant - 3.5' Depth | Fire Department Connection - 3.5' Depth | 10" W | 10" Air Release Valve | 10" Butterfly Valve | 10" Check Valve | 10" Gate Valve |
| 8"x6" Cross | 8"x6" Tee | 8"x6" Wye | 6"-11-1/4° Bend | 12" Cap | 10"x6" Reducer | 12" Plug | Fire Hydrant - 4.0' Depth | Fire Department Connection - 4.0' Depth | 12" W | 12" Air Release Valve | 12" Butterfly Valve | 12" Check Valve | 12" Gate Valve |
| 8" Cross | 8" Tee | 8" Wye | 6"-22-1/2° Bend | 14" Cap | 10"x8" Reducer | 14" Plug | Fire Hydrant - 4.5' Depth | Fire Department Connection - 4.5' Depth | 14" W | 14" Air Release Valve | 14" Butterfly Valve | 14" Check Valve | 14" Gate Valve |
| 10"x4" Cross | 10"x4" Tee | 10"x4" Wye | 6"-45° Bend | 16" Cap | 12"x4" Reducer | 16" Plug | Fire Hydrant - 5.0' Depth | Fire Department Connection - 5.0' Depth | 16" W | 16" Air Release Valve | 16" Butterfly Valve | 16" Check Valve | 16" Gate Valve |
| 10"x6" Cross | 10"x6" Tee | 10"x6" Wye | 6"-90° Bend | 18" Cap | 12"x6" Reducer | 18" Plug | Fire Hydrant - 5.5' Depth | Fire Department Connection - 5.5' Depth | 18" W | 18" Air Release Valve | 18" Butterfly Valve | 18" Check Valve | 18" Gate Valve |
| 10"x8" Cross | 10"x8" Tee | 10"x8" Wye | 8"-11-1/4° Bend | 20" Cap | 12"x8" Reducer | 20" Plug | Fire Hydrant - 6.0' Depth | Fire Department Connection - 6.0' Depth | 20" W | 20" Air Release Valve | 20" Butterfly Valve | 20" Check Valve | 20" Gate Valve |
| 10" Cross | 10" Tee | 10" Wye | 8"-22-1/2° Bend | 24" Cap | 12"x10" Reducer | 24" Plug | Fire Hydrant - 6.5' Depth | Fire Department Connection - 6.5' Depth | 24" W | 24" Air Release Valve | 24" Butterfly Valve | 24" Check Valve | 24" Gate Valve |
| 12"x4" Cross | 12"x4" Tee | 12"x4" Wye | 8"-45° Bend | | 14"X6" Reducer | | | | | | | | |
| 12"x6" Cross | 12"x6" Tee | 12"x6" Wye | 8"-90° Bend | | 14"X8" Reducer | | | | | | | | |
| 12"x8" Cross | 12"x8" Tee | 12"x8" Wye | 10"-11-1/4° Bend | | 14"X10" Reducer | | | | | | | | |
| 12"x10" Cross | 12"x10" Tee | 12"x10" Wye | 10"-22-1/2° Bend | | 14"X12" Reducer | | | | | | | | |
| 12" Cross | 12" Tee | 12" Wye | 10"-45° Bend | | 16"X6" Reducer | | | | | | | | |
| 14"x4" Cross | 14"x4" Tee | 14"x6" Wye | 10"-90° Bend | | 16"X8" Reducer | | | | | | | | |
| 14"x6" Cross | 14"x6" Tee | 14"x8" Wye | 12"-11-1/4° Bend | | 16"X10" Reducer | | | | | | | | |
| 14"x8" Cross | 14"x8" Tee | 14"x10" Wye | 12"-22-1/2° Bend | | 16"X12" Reducer | | | | | | | | |
| 14"x10" Cross | 14"x10" Tee | 14"x12" Wye | 12"-45° Bend | | 16"X14" Reducer | | | | | | | | |
| 14"x12" Cross | 14"x12" Tee | 14" Wye | 12"-90° Bend | | 18"X6" Reducer | | | | | | | | |
| 14" Cross | 14" Tee | 16"x6" Wye | 14"-11-1/4° Bend | | 18"X8" Reducer | | | | | | | | |
| 16"x4" Cross | 16"x4" Tee | 16"x8" Wye | 14"-22-1/2° Bend | | 18"X10" Reducer | | | | | | | | |

[illegible]