



Montgomery Fire/Rescue

Underground Piping Installation



Underground required inspections (For Fire Main Use). Underground piping shall be installed in accordance with NFPA 13 and NFPA 24.

Failure to comply can result in a Stop Work Order and a citation issued to the responsible party or Company for a Re-Inspection Fee of \$75.00 plus other associated fees and/or fines for every day of non-compliances.

A visual inspection of the underground piping is required by New Construction Bureau of Inspections prior to being back filled for compliance with NFPA 24.

- A hydrostatic test of the underground shall be witnessed by New Construction Bureau of Inspections. All piping from the public water supply to the riser shall be tested at 200 PSI or 50 PSI above system pressure, whichever is higher, for 2hrs, +/- 5 PSI is the allowed variation over the 2hrs.
- All piping used in the hydraulic calculations shall be shown on the plans approved by Montgomery Fire/Rescue Bureau of Inspections.
- A flush of the underground from the public water supply to the riser shall be witnessed by New Construction Bureau of Inspections. A completed copy of the "Contractor's Material and Test Certificate for the Underground Piping" shall be provided at the completion of the system acceptance test.
- A flow test shall be completed and a copy of test result provided to Montgomery Fire/Rescue Bureau of Inspections at completion of the system acceptance test.
- Private hydrants shall be installed in accordance with NFPA 24 and shall be painted white.
- The bonnet of the Fire Hydrant shall be painted the appropriate color based on the results of the flow test.

Gallons Per Minute	Bonnet Color
0 - 500	Red
501 - 1000	Orange
1001 - 1500	Green
1501 - Greater	Silver

This document is not a list of every requirement and does not prevent the Fire Marshal or his/her representative from hereafter making adjustments in plans or construction issues.

Montgomery Fire/Rescue Bureau of Inspections
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