



Underground Fire Line Submittal Requirements

Comply with 2015 IFC and 2016 NFPA 24

- 1) Drawings/site plan must be Stamped by a RME – G or D or a Texas Registered Engineer
- 2) Drawings must include Project Name
- 3) Location, including the street address
- 4) All buildings on the site and roadways
- 5) The installing Fire Protection/ Underground Contractors Name, Address and Phone Number in the title block
- 6) Point of Compass
- 7) Complete Scope of Work and such work shall comply with NFPA 24 (ie. Hydrostatic testing, insulation if required)
- 8) Detail of MUD required backflow
- 9) Pipe size, pipe type and Length
- 10) If FDC part of the scope of work then provide location, must be street front per 2015 IFC 912.2.1, pipe size & type, and thread type (must be per the responding fire department)
- 11) Thrust Block Detail and Location on the Fire Line
- 12) Trench Detail including depth, width and backfill per NFPA 24 10.9
- 13) Lead-in detail up to spigot inside the building, must be either ductile iron or stainless steel beginning minimum 5 foot out from the building. Fire Line cannot enter under the building no more than 10 feet
- 14) If Underground Contractors scope ends 5 foot out from the building and aboveground contractor begins 1' AFF then the connection from the fire line up to the spigot must be submitted for review and approval
- 15) If Hydrants provide on the Fire Line then must provide Hydrant information per NFPA 24 chapter 7 (type, size, size of barrel, outlet size and thread type, etc.)
- 16) If supply a Break/ Surge tank or Fire Pump and Underground Contractor not responsible then must be stated on the drawings "By Others" If Underground Contractor is responsible then all manufacture spec sheets required (comply with 2013 NFPA 20 & 22) and drawings must be stamped by a RME or Engineer installing contractors information