



City of Chico Fire Department

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Subject: Underground Fire Line Permit

Effective July 5, 2022, an underground fire line construction permit will need to be obtained with Chico Fire Department. A Fire Department permit is required for all underground fire line installations with the exception of:

1. NFPA 13D installations where fire sprinkler supply is tapped off of domestic supply line.

WHAT IS ITS PURPOSE?

The purpose of the fire line is to assure that an adequate amount of water from a reliable source is provided for Fire Department use. The permit provides for Fire Department plan review and field inspections, assuring equipment and installation to an acceptable standard.

PERMIT COST?

The cost of a Fire Department permit includes plan review, hydrant location approval and two (2) field inspections.

1. The permit fee for installation of a fire underground supply line is \$496.

WHO CAN APPLY FOR THESE PERMITS?

Only a California-licensed contractor holding a valid license (C16, C34, and C36) may apply for an underground fire line permit to perform the underground fire line installation.

WHO APPROVES THE FIRE DEPARTMENT UNDERGROUND LINE PERMIT?

Plans submitted for permit approval are plan checked and approved by a Fire Department plan reviewer.

WHAT DO YOU SUBMIT?

Plan submittal shall include fire flow calculations, material specifications, digital plans and the appropriate fees submitted to: buildingdocs@chicoca.gov. Plans must conform to California Fire Code and National Fire Protection Association Standards.

Applications are available online at: <https://chico.ca.us/Departments/Community-Development/Building-Division/Building-Permit-Information/index.html>

The permit applications and plans may be emailed to buildingdocs@chicoca.gov.

All installing contractors shall provide proof of a California Contractor's License, a valid Worker's Compensation certificate, and a current City of Chico Business License. The said license and certificate numbers shall be indicated on the permit application prior to submittal of an installation permit.

WHAT OTHER GUIDELINES SHOULD BE FOLLOWED?

1. Fire Hydrants:
 - a. Fire-Flow requirements for buildings: See California Fire Code Amended Appendix B.
 - b. Location/Distribution: See California Fire Code Appendix C
 - c. Identification/Protection: See California Fire Code Section 507
 - d. Chico City Municipal Code 18R.08.075 Fire hydrants
2. Fire Department Connection: See NFPA 13 NFPA 14.
3. Post Indicator Valve: See NFPA 13.
4. Maintenance/Testing:
 - a. Maintenance: See NFPA 13 and 24
 - b. Hydrostatic Test: See NFPA 13 and 24
 - c. Flush: See NFPA 13 and 24

WHAT ARE THE STEPS?

1. Complete a building permit application for contractors. Under property/project description, please describe the scope of work as an **"Underground Fire Line Permit."** Email the building permit application, plans and additional documents to: buildingdocs@chico.ca.gov and pay appropriate fees. One set of digital plans and fire flow calculations must also be submitted.
2. Fire Department plan check will be done in fourteen (14) working days. Applicant will be notified of deficiencies by email or through the eTrakIt program. Deficiencies must be corrected prior to issuance of permit.
3. Approved plans may be picked up or emailed at applicant's discretion.
4. Inspections include a hydrostatic test (200-psi for two (2) hours) and a flush at which time field installation will be reviewed against approved plans and standards. Inspections may be scheduled with eTrakIt or by calling (530) 897-3495.
5. If any alteration to an approved system is made during construction, "As Built" plans shall be submitted to the Fire Department for approval.