



COALINGA FIRE DEPARTMENT

GREG DUPUIS, FIRE CHIEF

300 W. Elm Ave • Coalinga, CA 93210 • Phone (559) 935-1652 • Fax (559) 935-1638

CITY OF COALINGA FIRE DEPARTMENT

FIRE PREVENTION STANDARD

STANDARD TITLE:	404.001 HOUSING TRACT CLEARANCES FOR COMBUSTIBLE MATERIALS AND OCCUPANCY	
STANDARD NUMBER: 404.001	EFFECTIVE DATE: 1 October 2022	REVISION DATE: 1 October 2022

PURPOSE

The purpose of this policy is to outline the requirements for obtaining approval from the Fresno Fire Department (FFD) to begin construction with combustibile materials and for occupancy at residential housing tracts.

APPLICATION

This policy applies to companies developing and constructing residential buildings in housing tracts.

OPERATIONAL POLICY

Prior to Beginning Construction (Combustible Clearance):

Prior to the delivery of combustibile materials, including lumber, to a housing tract site or lot, the following items must be completed:

1. Hydrants
 - a. Hydrants adjacent to lots requesting a combustibles clearance shall be fully accessible.
 - b. Hydrants adjacent to lots requesting a combustibles clearance shall be fully functional.
 - c. Hydrants must be opened to full flow and be flushed until the water flows clear.
 - d. Each hydrant must provide a minimum fire flow of 1,500 gpm. If there is concern about required fire flow, contact the Fire Marshal or Fire Chief.
2. Elevated Water Tanks
 - a. An elevated water tank holding a minimum of 10,000 gallons may be used for a maximum of ten (10) lots per group. (See: Administrative Manual, Section 404.002, Temporary Water Supply and Fire Access for At-Risk House Permits.)
 - b. Water tanks will have a 4½ inch capped National Hose Thread (NHT) male outlet.
 - c. A minimum 4-inch control valve must be installed, and the valve must be locked with an approved COALINGA FIRE padlock.
 - d. Water tanks shall be always filled and maintained at full capacity.
3. Fire Access Roads



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- a. Fire access roads shall be graded to drain water away from the road.
 - b. Access roads shall be constructed with an approved all-weather surface, capable of supporting 80,000-pound vehicles. Roads must be a minimum of 4-inch base rock over compacted or undisturbed native soil.
 - c. Access roads shall be a minimum of 24 feet in width. Roads can be a minimum of 20 feet in width with an approved method (i.e., installed curbs) to prevent shoulder degradation.
 - d. Access roads shall have a minimum 44-foot centerline turn radius.
 - e. Access roads shall be provided with approved drive approaches.
 - f. Two means of access are required when the lots to be cleared for construction are over 450 feet from a single point of access.
 - g. Turn-arounds must be provided, as required by the Fire Code Official, or designee.
4. Temporary Street Signs
- a. Legible weatherproof temporary signs with contrasting backgrounds, affixed to posts, and visible from either direction, or stenciled curbs, must be installed.

Prior to Allowing Occupancy (Occupancy Clearance):

Each of the following items shall be completed as noted below for the lots being cleared for occupancy:

1. Hydrants
 - a. All hydrants shall be fully accessible.
 - b. All hydrants shall be fully functional.
 - c. All hydrants shall have permanent pads.
 - d. Each hydrant shall be flushed to confirm operation and minimum flow.
 - e. See: Public Works Standard W-3, Fire Hydrant Installation, for permanent hydrant installation requirements (note base clearance and valve access).
2. Access Roads
 - a. Permanent paved streets shall be installed to all lots being cleared.
3. Street Signs
 - a. Either permanent street signs or stenciled curbs shall be installed, as approved by Traffic Engineering.



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OPERATIONAL GUIDELINE

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PROCESS

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INFORMATION

Unusual scenarios approved for construction must include a special notice.

DEFINITIONS

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CROSS REFERENCES

Administrative Manual

Section 404.002, Temporary Water Supply and Fire Access for At-Risk House Permits

Public Works Standards

Standard W-3, Fire Hydrant Installation