



HUNTINGTON BEACH FIRE DEPARTMENT

2000 Main Street, Huntington Beach, CA 92648

(714) 536-5411 • Fax (714) 374-1551

Single Family Dwelling Unit Development Guide

The intent of this guide is to identify common requirements for single-family home and duplex projects (Group R-3). This is not an all-inclusive list and additional requirements may be identified during the plan review process.

Existing Home Additions or Renovations

Why was my project routed to the Fire Department? Not every project requires a review by the Huntington Beach Fire Department (HBFD), but single family homes will be routed to Fire for review when any of the following conditions apply:

1. Home is located within the [Methane District](#).
2. Home is protected with a fire sprinkler system.
3. The home exceeds 5,000 sq. ft. (includes garage).

New Homes

All new residential projects are required to be reviewed by Fire to ensure the project is in compliance with the Huntington Beach Fire Code and the HBFD's [City Specifications](#). Below are common Fire code requirements:

1. **Fire Sprinklers.** All new residential project are required to be protected with a NFPA 13 fire sprinkler system. Add a deferred submittal section to you title sheet to acknowledge the fire sprinkler requirement.
2. **Methane Barrier.** Projects located within 100 feet of an oil well are required to be protected with a passive methane barrier system. Methane barriers are submitted as a deferred submittal and should be identified on the title sheet.
3. **Oil Wells.** Parcels with an active or abandoned oil well are required to comply with [City Specification No. 422](#). Compliance with this specification typically requires the re-abandonment of the well. Both Cal-GEM and HBFD Fire Construction Permits must be obtained prior to well abandonment.
4. **Methane Gas.** Projects located within 300 feet of a known oil well are require to show compliance with [City Specification No. 429](#). The HBFD will not approve any Building or Grading Permits until the site has shown compliance with this specification. A "work plan" must be submitted to the HBFD prior to any soil investigations commencing. The results of the investigation will determine if any methane mitigations are required for the project.
5. **Soil Quality.** Projects located within 300 feet of a known oil well are required to show compliance with [City Specification No. 431-92](#). The HBFD will not approve any Building or Grading Permits until the site has shown compliance with this specification. A "work plan" must be submitted to the HBFD prior to any soil investigations commencing. The results of the investigation will determine if remediation is required.

Conditions

If your project received a "condition" during the plan review process, please see our [Permit Conditions Guide](#).

For questions, please call (714) 536-5411, between 8 am and 5 pm or visit our website at:

https://huntingtonbeachca.gov/government/departments/fire/fire_prevention_code_enforcement/