

Office of the Fire Marshal
Kern County Fire Department
Fire Prevention Unit



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State Responsibility Area (SRA) Inspection Checklist

This checklist is for the requirements and construction for residential projects in the Wildland Urban Interface area and pursuant to the 2019 California Fire Code, Kern County Ordinance and the 2018 International Wildland Urban Interface Code.

Water Supply

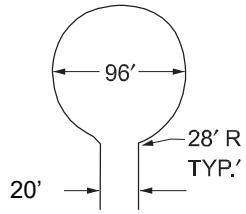
1. Residential structures shall have a dedicated fire water tank with a capacity of **3,500 gallons**. Or an existing **fire hydrant** located not more than **1,000 feet** from the building/residence.
2. Residential fire hydrant spacing for tract homes shall be **every 660 feet**.
3. Fire water tanks **cannot be shared** by more than one property.
4. Fire water tank shall be placed between **75 and 200 feet** of all buildings/residences.
5. Driveway access to the tank shall be a minimum of **12 feet wide** with an all-weather surface capable of supporting **75,000 lb.** fire apparatus. Apparatus shall be capable of parking within **8 feet** of the fire department connection.
6. Fire water tank shall have a **2 1/2" valved male outlet** with fire hose threads (*National Standard Thread*)
7. Automatic refill device
8. Water level indicator
9. Maximum height of the fire department connection shall be **8 inches**, minimum height shall be **2 inches**.
10. Draft hydrants connected to the water tank shall be approved by this department prior to inspection.

Fire Department Access

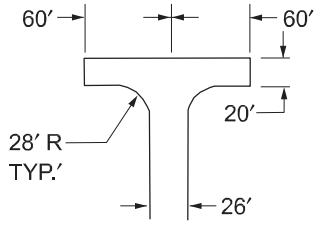
1. All access roads must be a minimum of **20 feet** in width and capable of supporting **75,000 lb.** fire apparatus.
2. Vertical clearance shall not be less than **15 feet**.
3. Driveways shall provide a minimum unobstructed width of **12 feet**.
4. Provide an approved turnaround when a dead-end driveway or access road exceeds **150 feet**.
5. Access roads and driveways shall not have a grade of more than **10%**.
6. The address numbers shall be posted and clearly visible from the street prior to construction.

Defensible Space

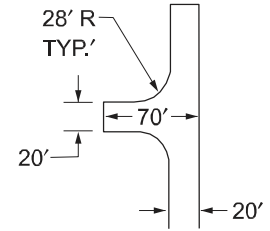
1. Defensible space shall be **100 feet** around the perimeter of the building/residence.
2. Confirm all **dead plants, grass and weeds** have been removed.
3. Confirm that grass has been mowed to a maximum height of **4 inches**.
4. Confirm wood piles are no closer than **30 feet** of the building/residence.
5. Confirm **10 feet** clearance of all combustible material around LPG and fuel tanks.



96' Diameter
Cul-de-sac



120' Hammerhead



Acceptable Alternative
to 120' hammerhead

