

Anna Fire Department Fire Marshal's Office



Residential/Sub-Division Site Development Guidelines

These guidelines are provided to assist developers of residential properties in meeting the requirements of the City of Anna Fire Department. The information provided are guidelines only and are not intended to address all requirements.

SINGLE FAMILY DWELLINGS

Fire Access and Fire Lane Coverage

- The length of a Cul-de-sac shall not exceed 600 feet.
- A 10-foot path shall be maintained around the structure.
- A 5-foot path shall be maintained between cars or through gates.
- Required Radii
 - Fire Lane Width 24' – Radii 30'
 - Fire Lane Width 30' – Radii 10'
- 14 feet of height clearance shall exist above all fire lanes.
- Two (2) points of access shall be provided for sub-divisions.

Fire Hydrants

- Approved fire hydrant manufacturers are “Clow” and “Waterous” (*American Flow Control*).
- All hydrants shall be installed with permanent (sexless) 5-inch “Storz” quick connect adapters on the outlet.
- Hydrant spacing shall not exceed 500 feet.
- All hydrants must be installed 3 feet behind the curb.
- Fire hydrants shall not be installed inside a Cul-de-sac. A hydrant may be installed outside of the Cul-de-sac just before the point where the cul-de-sac begins to curve.
- A minimum of 3 feet of clearance must be maintained around all fire hydrants.
- An 8-inch diameter water main is required for up to 2 hydrants.
- An 8-inch diameter looped water main is required for 2 hydrants or more.
- Fire hydrants shall be painted to city standards.

Fire Sprinklers

- Sprinklers are required for structures that are 6,000 sq. ft. in size or greater.
- Underground fire main control valves shall not be installed beneath driveways.

Gated Entries and Access Control Systems

- Fire department access points are required where gates cross fire lanes or where approved access control systems are present.
- Gates across fire lanes must provide full fire lane width and meet all access requirements.
- A separate permit is required through the Fire Marshal's Office.

Anna Fire Department Fire Marshal's Office



Residential/Sub-Division Site Development Guidelines

MULTI-FAMILY AND SINGLE FAMILY ATTACHED

Fire Access and Fire Lane Coverage

- The length of a Cul-de-sac shall not exceed 600 feet.
- A 10-foot path shall be maintained around the structure.
- A 5-foot path shall be maintained between cars or through gates.
- Required Radii
 - Fire Lane Width 24' – Radii 30'
 - Fire Lane Width 30' – Radii 10'
- 14 feet of height clearance shall exist above all fire lanes.
- Two (2) points of access shall be provided for sub-divisions.

Fire Hydrants

- Approved fire hydrant manufacturers are "Clow" and "Waterous" (American Flow Control).
- All hydrants shall be installed with permanent (sexless) 5-inch "Storz" quick connect adapters on the outlet.
- Hydrant spacing shall not exceed 300 feet.
- Fire hydrants shall not be installed inside a Cul-de-sac. A hydrant may be installed outside of the Cul-de-sac just before the point where the cul-de-sac begins to curve.
- All hydrants must be installed 3 feet behind the curb.
- A minimum of 3 feet of clearance must be maintained around all fire hydrants.
- An 8-inch diameter water main is required for up to 2 hydrants.
- An 8-inch diameter looped water main is required for 2 hydrants or more.
- Fire hydrants shall be painted to city standards.

Fire Sprinklers

- Sprinklers are required for structures that are 6,000 sq. ft. in size or greater.
- Underground fire main control valves shall not be installed beneath driveways.

Gated Entries and Access Control Systems

- Fire department access points are required where gates cross fire lanes or where approved access control systems are present.
- Gates across fire lanes must provide full fire lane width and meet all access requirements.
- A separate permit is required through the Fire Marshal's Office.