



## CHANDLER FIRE, HEALTH & MEDICAL DEPARTMENT



### GUIDE FOR SITE PLANS

Site plans submitted for review and approval shall contain the following information.

1. Required fire lanes, ariel apparatus access roads, emergency access roadways, and emergency vehicle turnarounds are outlined and dimensions are marked and identified on the drawing in accordance with Fire Department Details FD141.
2. Fire lane sign locations and the sign detail are shown on the drawing in accordance with Fire Department Details FD111.
3. Show the location(s) and size of all gate(s) (vehicle and pedestrian) on site. All electric gates shall be installed in accordance with Fire Department Plan Review Guide FPB014. All Non-electric gates shall be installed in accordance with Fire Department Detail FD109. Personnel gates used as part of egress components shall be in accordance with the IBC.
4. No spike strips, guard post, traffic triangles (pork chops), traffic calming devices or other limiting barriers shall be placed at entrances or exits for any properties, unless approved by the Fire Marshal. When approved by the Fire Marshal all spike strips, guard post or other limiting barriers shall be automatic retraction and lockable to allow access when retracted. A Knox Box shall be placed next to the controller or control box for the retraction and the retraction key/controller box key shall be placed inside the Knox Box.
5. Fire Department Emergency Access Barriers (Only as Approved by the Fire Marshal). Barrier access Fire Department Emergency Only Access road can consist of bollards with a chain across the road with a sign that states "Fire Department Emergency Access Only". Instead of a chain a gate may be placed across the road for gated area or in high traffic area. These barriers shall be set off the roadway by fifty-five feet (55') to allow safe distance for the Fire Department to pull off the roadway to open the access barrier. See Detail FD109 for detail of allowable Barriers.
6. On site fire hydrants are required when any point of the first floor exterior wall of a building is 12,000 square feet or less and is more than 300 feet from a public fire hydrant, OR any point of the first floor exterior wall of a building is larger than 12,000 square feet is more than 150 feet from a public fire hydrant.
7. On site and off site hydrants shall have a clear space of 3 feet around and in front of the hydrant and hydrant valve. No Trees, Bushes, Fences, Walls or River Rock. No Cactus within 10 feet of a fire hydrant or hydrant valve. All landscaping shall be kept the 3 feet and 10 feet clear of the hydrants at maturity of the plants. All sight visibility in front of the hydrant shall be maintained at all times (see C-305).
8. Speed Humps may be place on the roadway or other Fire Department access in conformance with City of Chandler Detail C-234, or as approved by the Fire Marshal.
9. Alternate Access Road Surfaces for fire department use shall conform to City of Chandler Details C-236 and C-238. Any deviation from the approved alternate road surface or edging shall be approved by the Fire Marshal.