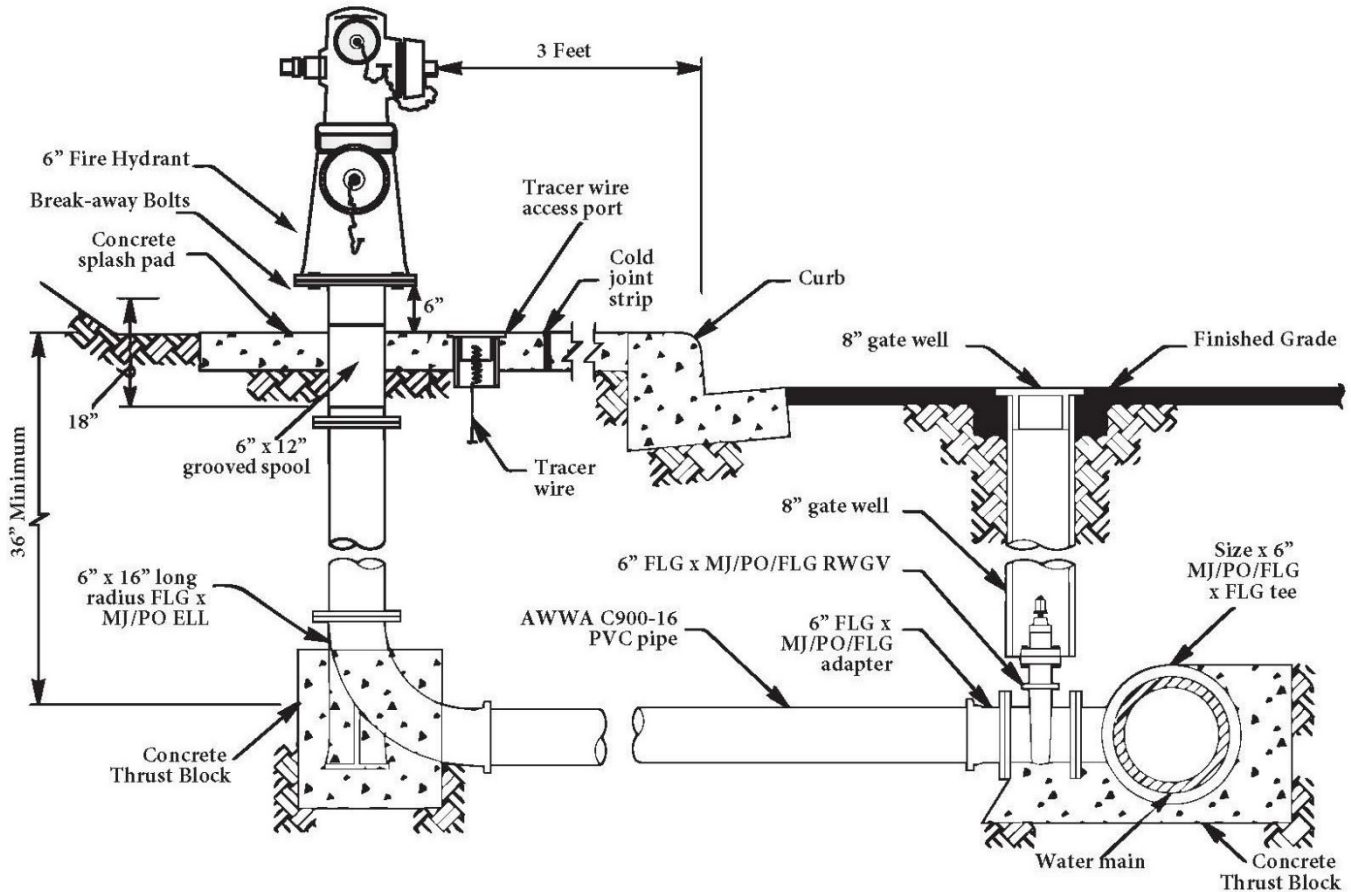




San Diego County Fire Protection District

Public and Private Fire Hydrants

Fire Hydrant Installation



Hydrant Requirements:

- Fire Hydrant Sizes:
 - Residential and Commercial: One (1) – four (4) inch x Two (2) – two and one half inch (2 ½") ports.
 - Industrial: Two (2) – four inch (4") x One (1) – two and one half inch (2 ½") ports.
- Fire Hydrants shall be installed with the largest port facing the fire access road.
- Fire Hydrant number spacing shall be derived from the CFC section C102 – Number of fire hydrants.
- Fire Hydrants require breakaway spools, which shall be set within the concrete pad. Upper break-off groove shall be placed 1" to 3" above splash pad.



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- Fire Hydrant gate valves shall be provided on the lateral in the road box at ten (10) feet from the Fire Hydrant, in an area that is unobstructed and clearly visible. Valves shall not be in parking stalls.
- Public hydrants shall be painted OSHA yellow.
- Private hydrants shall be painted OSHA safety red.
- Fire Hydrant flange bolts shall be A307 zinc-plated bolts installed with nuts on top of the flange.
- Fire Hydrant supply piping shall be a minimum of 6 inches in diameter.
- The lowest valve operating nut shall be a minimum of 18 inches above grade.
- Fire Hydrant flange shall be 6 inches above the top of the splash pad.
- Blue reflective markers shall be installed to identify location of Fire Hydrants. These markers shall be visible from both directions of vehicle travel. On undivided roads, markers shall be placed one foot from centerline in the direction of the fire appliance.
- Private hydrants and markers are to be maintained in good condition by the property owner.