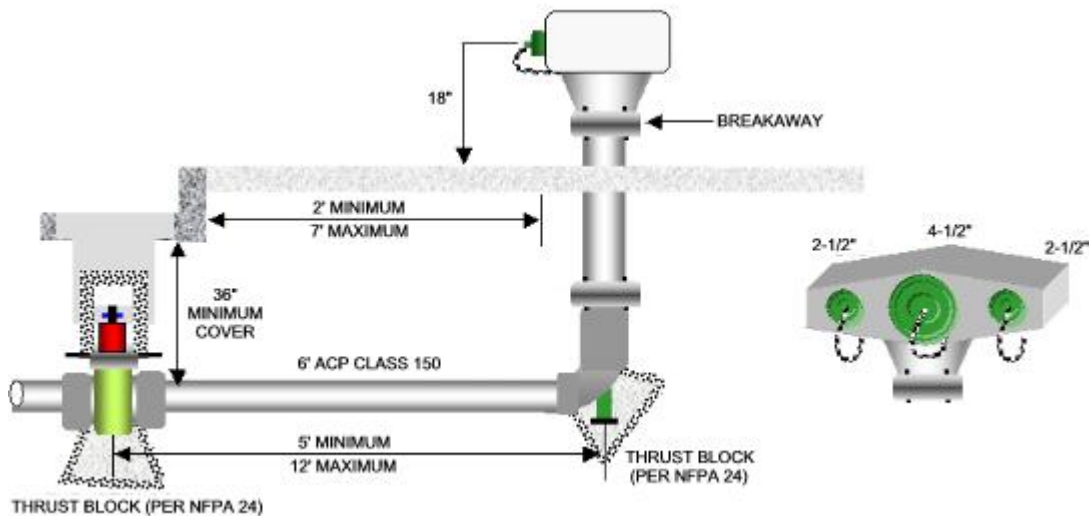




## Fire Hydrant Placement Standards

The following data and diagrams outline the standards for type, placement, and performance of fire hydrants acceptable to the University of California at Davis, and the UC Davis Fire Department. Should you have any questions about fire hydrants please do not hesitate to call the UC Davis Fire Department at (530) 752-1236.



1. Hydrant shall be Clow Corporation Model #92, Slim Line, low silhouette, with two 2-1/2" outlets and one 4-1/2" outlet. All outlets must have National Standard fire hose thread. If Model 92 is unavailable, the University Fire Division may accept the Clow Model #176 on a case by case basis. (This design is also available from Long Beach Iron Works, Inc. as Model #651, "The Logan".)
2. Hydrant shall be installed with outlets facing the street, with 4 1/2" opening neither less than 2 feet nor more than 7 feet from street curb.
3. Center of the lowest outlet shall be not less than 18 inches above finished grade.
4. Street valve serving the hydrant must be located neither less than 5 feet nor more than 12 feet from the hydrant.

5. Deviations from this standard shall be approved in advance by the UC Davis Fire Division.
6. The “Primary” hydrant shall be located no more than 200 feet from any significant structure.
7. A “Secondary” hydrant, situated essentially opposite from the primary hydrant, shall be located no more than 300 feet from any significant structure.
8. Flow from either hydrant shall be no less than 750 gallons per minute (at 20 PSI residual pressure).
9. Combined flow from both hydrants shall be no less than:
  - ~ 1500 gallons per minute if structure is sprinklered.
  - ~ 2500 gallons per minute if structure is not sprinklered.
10. The above requirements may be increased in situations where the ISO Required Fire Flow exceeds 2500 gallons per minute.