



**NOTES:**

1. FIRE HYDRANTS SHALL BE 6" DRY BARREL, TRAFFIC-TYPE WITH LOW PROFILE DESIGN.
2. NOZZLE AND CAPS SHALL HAVE NATIONAL STANDARD THREADS.
3. PUBLIC RIGHT OF WAY HYDRANTS TO BE PAINTED YELLOW ENAMEL (RUSTOLEUM 7745). PRIVATE HYDRANTS SHALL BE PAINTED RED.
4. RUN FROM WATER MAIN TO HYDRANT ELL TO BE HORIZONTAL.
5. MAXIMUM DISTANCE BETWEEN HYDRANTS SHALL BE 500' IN RESIDENTIAL AND 300' IN COMMERCIAL DISTRICTS.
6. DEAD END HYDRANTS SHALL BE ON 8" SIZE MAINS.
7. HYDRANTS SHALL CONFORM TO LATEST ISSUE OF AWWA STANDARD C-502 FOR FIRE HYDRANTS. USE WATEROUS TYPE WB-67, MUELLER NO. A-432 OR APPROVED EQUAL.
8. CONC. THRUST BLOCK SHALL NOT COVER DRY BARREL DRAIN HOLES.
9. WATER MAINS SUPPLYING HYDRANTS SHALL HAVE A MINIMUM INSIDE DIA. OF 6" FOR RESIDENTIAL AREAS AND 8" FOR COMMERCIAL AND/OR INDUSTRIAL AREAS.
10. HYDRANTS SHALL BE INSTALLED WITH ONE 4 1/2" DIA. PORT FACING THE STREET & TWO 2 1/2" DIA. PORTS WITH 5 1/4" MINIMUM VALVE OPENING TO BE APPROVED BY MADERA COUNTY FIRE DEPARTMENT.
11. WATER SUPPLY PIPE FOR HYDRANTS SHALL BE C-900.
12. FIRE-PROTECTION EQUIPMENT AND FIRE HYDRANTS SHALL BE CLEARLY IDENTIFIED IN A MANNER APPROVED BY THE CHIEF TO PREVENT OBSTRUCTION BY PARKING AND OTHER OBSTRUCTIONS.
13. POUR CONCRETE THRUST BLOCK AGAINST UNDISTURBED SOIL (TYP.) OR PROVIDE THRUST RESTRAINT WHERE THRUST BLOCK IS NOT POSSIBLE.
14. REFLECTIVE FIRE HYDRANT MARKERS SHALL BE INSTALLED AT THE FIRE DEPARTMENT'S DIRECTIONS.
15. MARKERS SHOULD BE PLACED IN LINE WITH HYDRANT AND ABOUT 6" OFF CENTER ON HYDRANT SIDE AND NOT IN A LOW SPOT.
16. MARKERS SHALL BE BLUE "STIMSONITE 88" BI-DIRECTIONAL, OR EQUIVALENT APPROVED BY THE FIRE CHIEF.
17. WHEN A FIRE HYDRANT IS WITHIN 50' OF A CORNER, TWO MARKERS SHOULD BE PLACED ON EACH INTERSECTING STREET.

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Spec's By _____	<b>COUNTY OF MADERA</b>	Date: 7-1-81
Drawn By <u>J. SHIELDS</u>		Scale: NONE
APPROVED BY _____	<b>FIRE HYDRANT INSTALLATION</b>	Drawing No. W-4A
REVISIONS		8/1/02
	4/22/2011	