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HYDRANT LOCATION DETAIL FOR CURB & GUTTER RESIDENTIAL STREETS
Image: Comparison of the second se

## NOTES:

- 1. FIRE HYDRANTS SHALL BE FURNISHED WITH LOCKING HYDRANT SECURITY CAPS. LOCKING CAPS SHALL BE CAPTIVATER AS PROVIDED BY AMERICAN FLOW CONTROL. CAPS SHALL BE PROVIDED ON EACH HOSE AND PUMPER NOZZLE AND INCORPORATE A "FREE SPINNING" DESIGN THAT PROVIDES SECURITY AGAINST UNAUTHORIZED INTRUSION INTO THE FIRE HYDRANT, OR WATER THEFT FROM THE HYDRANT. WHEN SECURED, THE CAP SHALL SPIN FREELY UNTIL UNLOCKED AND REMOVED THROUGH THE USE OF A CAPTIVATER WRENCH. WHEN UNLOCKED, THE CAP SHALL OPEN IN A MANNER SIMILAR TO A STANDARD CAP. CAPS SHALL BE SIMILAR IN APPEARANCE TO STANDARD CAPS AND SHALL USE A CENTER PLACED LOCKING MECHANISM. THE LOCKING MECHANISM SHALL BE HARDENED STAINLESS STEEL AND SHALL BE PROTECTED FROM THE ELEMENTS. CAPS USING MAGNETIC LOCKS ARE UNACCEPTABLE. ALL CAPTIVATER WRENCHES SHALL HAVE UNIQUE SERIAL NUMBERS. WRENCHES SHALL SHIP DIRECT TO OWNER.
- 2. SEE STANDARD DWG. 815 FOR UNCURBED STREET.
- 3. ALL VALVES MUST BE RATED AT WORKING PRESSURE OF 200 PSI AND TESTED AT A PRESSURE OF 250 PSI. ALL FIRE HYDRANTS MUST BE ACCOMPANIED BY A MANUFACTURER'S CERTIFICATE THAT STATES EACH HYDRANT HAS BEEN TESTED ACCORDING TO THE LATEST REVISION OF AWWA SPECIFICATION C502.
- 4. CONCRETE STRENGTH TEST REQUIRED FOR ALL POURED IN-PLACE CONCRETE.
- 5. PAINT BONNET SILVER FOR HYDRANTS SET ON 10-INCH AND SMALLER WATER LINES; YELLOW FOR HYDRANTS SET ON 12-INCH WATER LINES; AND GREEN FOR HYDRANTS SET ON 12-INCH OR GREATER WATER LINES. REPAINT HYDRANT AT END OF MAINTENANCE.
- 6. MINIMUM 18 INCHES BETWEEN TOP OF CURB AND CENTER OF CONNECTION. MAXIMUM OF 21 INCHES.



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