



ELEVATION VIEW

#### GENERAL NOTES:

1. HYDRANTS SHALL STAND PLUMB. THE TRAFFIC BREAKAWAY FLANGE IS TO BE SET WITHIN 2" AT THE FINISHED CURB/GRADE ELEVATION WITH THE LOWEST OUTLET OF THE HYDRANT NO LESS THAN 20" ABOVE THE CURB GRADE. THERE SHALL BE A CLEAR AREA AROUND THE HYDRANT OF NOT LESS THAN 36" AS MEASURED FROM THE OUTSIDE EDGE OF THE BARREL OR OUTLET PORTS, WHICHEVER IS GREATER. HYDRANTS SHALL BE A MINIMUM OF 36" FROM THE FACE OF CURB AND NO MORE THAN 72" FROM THE FACE OF CURB.
2. HYDRANTS SHALL BE LOCATED AT ROADWAY INTERSECTIONS WHENEVER POSSIBLE.
3. ALL FIRE HYDRANTS SHALL HAVE A MINIMUM OF THREE OUTLETS, ONE 4-1/2 INCH INSIDE DIAMETER OUTLET AND TWO 2-1/2 INCH INSIDE DIAMETER OUTLETS. THREADS ON ALL OUTLETS SHALL BE NATIONAL STANDARD THREAD (NST).
4. THE 4-1/2 INCH PORT SHALL FACE THE STREET. WHERE THE STREET CANNOT BE CLEARLY DEFINED (SUCH AS PARKING LOTS) THE PORT SHALL FACE THE MOST LIKELY ROUTE OF APPROACH (E.G., FIRE LANE) AND LOCATION OF THE FIRE APPARATUS WHILE PUMPING, AS DETERMINED BY SPOKANE VALLEY FIRE DEPARTMENT.
5. HYDRANT COLORS SHALL BE AS FOLLOWS:
  - a. CHROME YELLOW - HYDRANTS OWNED BY DISTRICTS
  - b. RED - PRIVATELY OWNED HYDRANTS
6. CLEAR ZONE SHALL BE FREE OF ALL OBSTRUCTIONS, INCLUDING BOLLARDS, FENCING, TREES, AND SHRUBS.



APPROVED BY:

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**FIRE DEPARTMENT  
HYDRENT  
REQUIREMENTS**

**STANDARD PLAN NO.  
U-102**

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