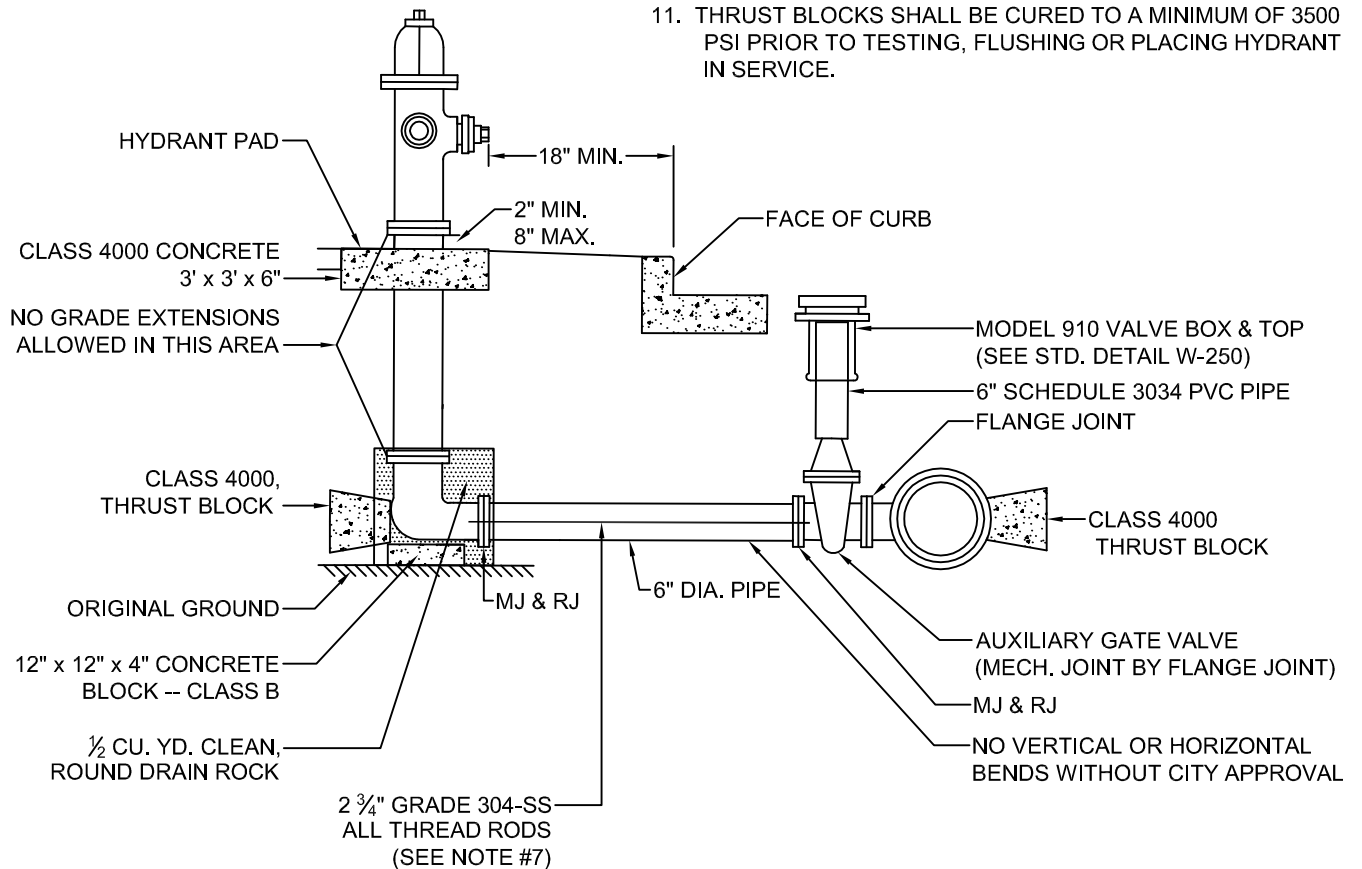


**NOTES:**

1. TO ASSURE UNIFORMITY OF PARTS STOCKING, HYDRANTS SHALL BE 5 1/4" MUELLER CENTURION, WATEROUS PACER 90, CLOW MEDALLION OR KENNEDY K81D GUARDIAN, WITH 16" TOP SECTION OR APPROVED EQUAL.
2. ALL HYDRANTS SHALL HAVE NATIONAL STANDARD THREAD OUTLETS, TWO 2 1/2" PORTS AND SHALL BE EQUIPPED WITH ONE 4 1/2" PUMPER CONNECTION WHICH FACES THE MAIN ROADWAY.
3. ALL HYDRANTS SHALL STAND PLUMB WITH THE LOWEST OUTLET OF THE HYDRANT NO LESS THAN 18" ABOVE FINISHED GRADE.
4. 10 MIL. PLASTIC SHEETING SHALL BE USED AS A BOND BREAKER BETWEEN CONCRETE BLOCKING AND PIPE FITTING AS WELL AS BETWEEN HYDRANT BARREL AND HYDRANT PAD.
5. INCLUDE VALVE BOX IN HYDRANT PAD WHEN BOX IS WITHIN 3' OR LESS OF HYDRANT OR BETWEEN SIDEWALK AND CURB.
6. ALL HYDRANTS SHALL BE BAGGED UNTIL SYSTEM IS APPROVED.
7. TO BE RODDED OR RESTAINED JOINTS INCLUDING THRUST BLOCKS.
8. HYDRANT MUST COMPLY TO ADA REQUIREMENTS.
9. CHAINS TO REMAIN ATTACHED TO HYDRANT.
10. NO BENDS IN 6" FROM MAIN TO HYDRANT.
11. THRUST BLOCKS SHALL BE CURED TO A MINIMUM OF 3500 PSI PRIOR TO TESTING, FLUSHING OR PLACING HYDRANT IN SERVICE.



**HYDRANTS**

STANDARD PLAN:  
**W - 150**  
DATE: **FEB. 2008**

CITY ENGINEER APPROVAL:  
Longview: **C.B.**  
Kelso: **S.Z.**