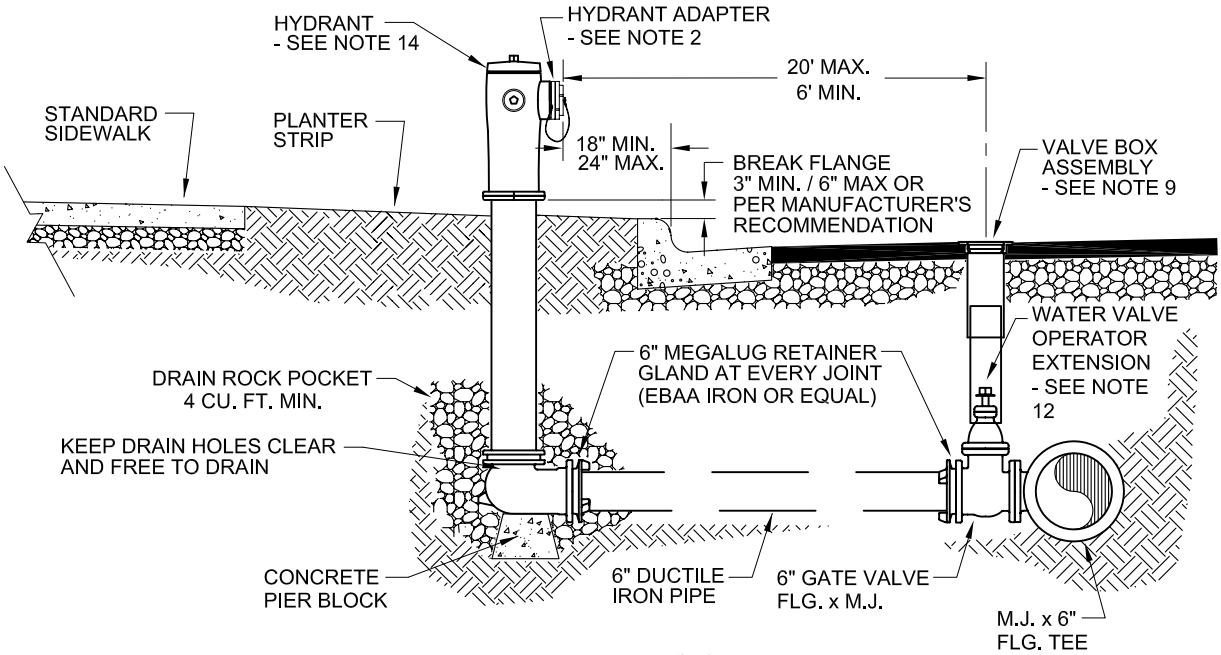

HYDRANT ASSEMBLY

AT STANDARD SIDEWALK WITH PLANTER STRIP

NOTES:

1. Hydrants are to have two 2½-inch and one 4½-inch ports.
2. Install a Storz HPHA50-45NH Permanent Hydrant Adapter on the 4½-inch port.
3. The minimum main - to - hydrant pipe size is 6-inches.
4. Hydrants to be: Mueller, Watrous, Clow F2500, Kennedy Guardian or M&H Regent style 129 I with the following specifications:
   a. Oil reservoir
   b. Bronze actuating nut
   c. Bronze seat ring
   d. Weather shield cap
   e. Safety sleeve coupling
   f. Threaded nozzles with "O"-rings
   g. National standard threads
5. Hydrants are to be painted using R-1317 Safety Yellow paint or an alternate approved by the *TVF&R* Fire Marshall.
6. Safety chains are to be removed.
7. Hydrants are to be installed plumb.
8. Protective post is to be provided and installed, per *UFC Standards*, if hydrant is subject to vehicular damage.
9. Valve box assembly is to be in accordance *Beaverton Standard Dwg* 615 or as approved by the City Engineer.
10. No obstructions are allowed within 3 feet of Hydrant.
11. See *Beaverton Standard Dwg* 215 for sidewalk standards.
12. Add water valve operator extension when required. See *Beaverton Standard Dwg* 620.
13. Pipe bends are not allowed without permission of the City Engineer.
14. Hydrants may be located at varying distances from curb or in sidewalk only with prior approval of the City Engineer. If hydrant is located in sidewalk, sidewalk's clear width shall meet ADA clearance width requirements.

City Of Beaverton

ENGINEERING DEPARTMENT		STANDARD FIRE HYDRANT ASSEMBLY	
UTILITIES ENGINEER David A. Winship, P.E.	DATE 6 - 10 - 04	DRAWN BY JR - CPD	DRAWING NO. 625