

PLAN VIEW  
N.T.S.

FIRE HYDRANT INSTALLATION  
N.T.S.

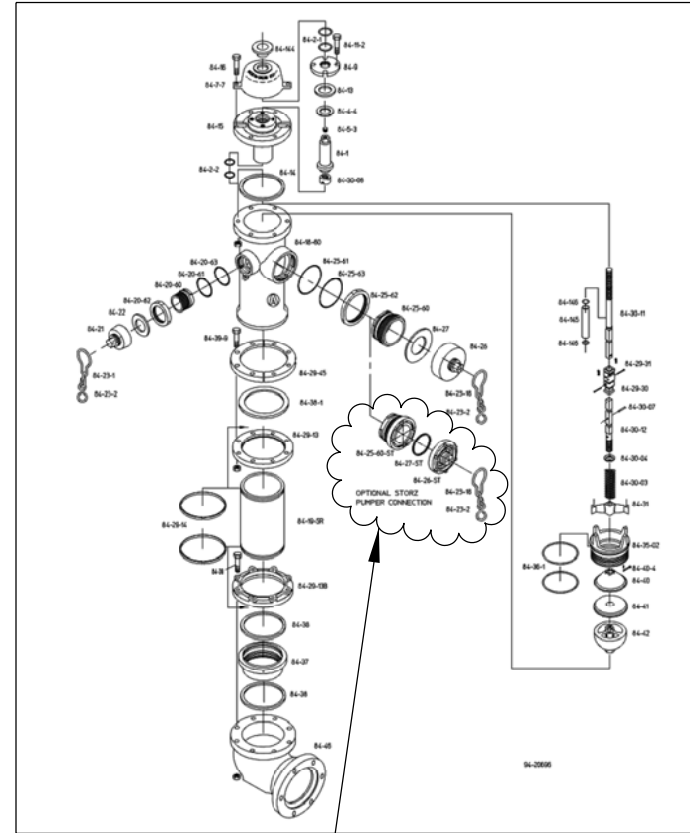
## NOTES:

1. IN GENERAL, ALL FIRE HYDRANTS SHALL CONFORM TO AWWA STANDARD SPECIFICATIONS FOR FIRE HYDRANTS FOR ORDINARY WATER WORKS SERVICE, C-502. SEE SPECIFICATION SECTION FOR ADDITIONAL REQUIREMENTS
2. ACTUAL VALVE LOCATION WILL DEPEND ON LOCATION OF WATER MAIN.
3. F.H. NO CLOSER THAN 18" TO EXISTING OR PROPOSED SIDEWALKS. (USUAL)
4. STANDARD BURY DEPTH 4' FEET
5. SET FIRE HYDRANT ON THE LOT LINE EXTENDED WHEN POSSIBLE.
6. FIRE HYDRANT SHALL BE LOCATED MINIMUM 1 FT. OUTSIDE OF THE AREA BETWEEN THE P.C.'S OF THE CORNER TURNING RADII AT INTERSECTIONS. (SEE PLAN VIEW THIS DETAIL)
7. FIRE HYDRANTS SHALL BE YELLOW IN COLOR.
8. DRAINAGE BED SHALL CONSIST OF AGGREGATE TYPE A1 - DRAIN ROCK WITH A MIN. VOLUME OF 7 CU. FT. DRAIN BED SHALL EXTEND A MIN. 6" ABOVE DRAIN OUTLET.
9. USE 6" D.I. NIPPLE W/M.J. RETAINER GLANDS IF DISTANCE BETWEEN VALVE & FIRE HYDRANT MUST BE GREATER THAN 17".
10. FIRE HYDRANT TO BE BLOCKED AGAINST FIRM SOIL AS SHOWN.
11. ALL FIRE HYDRANTS SHALL BE INSTALLED PLUMB.
12. LARGE NOZZLE FACES ROAD, UNLESS OTHERWISE NOTED. ROTATE BARREL AS REQUIRED.
13. HYDRANT SHOULD NOT BE SET CLOSER THAN 4' TO OBSTRUCTIONS THAT ARE IN LINE WITH NOZZLE.
14. M.J. ANCHOR TEE FOR 16" AND SMALLER. WHEN USING REGULAR M.J. TEE USE 13" ADAPTER NIPPLE BETWEEN TEE AND VALVE.
15. AMERICAN DARLING B-84-B OR CLOW MEDALLION HYDRANT
16. HYDRANTS SHALL BE PROVIDED WITH THE OPTIONAL 5" STORZ PUMPER CONNECTIONS FROM FACTORY.
17. INSTALL (1) 6" MJ 90° BEND IF SHOWN ON PLANS TO REDIRECT THE HYDRANT LEAD AT NO ADDITIONAL EXPENSE.
18. INSTALL COATED TRACER WIRE FROM BOTTOM FLANGE OF HYDRANT TO END OF SERVICE LINE
19. ALL DUCTILE IRON FITTINGS TO BE WRAPPED IN 3 MIL POLYETHYLENE.

## FIRE HYDRANT INSTALLATION NOTES

**ENGINEERING  
DESIGN MANUAL**

**FIRE HYDRANT  
SHEET 2**



EXPLODED DRAWING TAKEN FROM AMERICAN FLOW CONTROL SALES BROCHURE

5" STORZ CONNECTION REQUIRED FROM FACTORY

AMERICAN DARLING B-84-B OR CLOW MEDALLION WITH THE OPTIONAL 5" STORZ PUMPER CONNECTION

ENGINEERING  
DESIGN MANUAL

FIRE HYDRANT  
SHEET 3