CONSTRUCTION NOTES

1. 6" C-900 P.V.C PIPE.
2. 6" RESILIENT WEDGE GATE VALVE, FE x MJ WITH RETAINER GLAND.
3. 6" DUCTILE IRON HYDRANT BURY M.J.
4. FIRE HYDRANT SHALL BE DUCTILE IRON 6" x 4" x 2 1/2" CLOW MODEL #850 OR JONES MODEL #4040. HYDRANT SHALL BE EQUIPPED WITH 1-4" OUTLET NORMAL TO CURB FACE AND 1-2 1/2" OUTLET PARALLEL TO CURB FACE. IN COMMERCIAL & HIGH DENSITY ZONES USE DUCTILE IRON 6" x 4" x 2 1/2" x 2 1/2" CLOW MODEL #850 OR JONES MODEL #4060. ALL HYDRANTS SHALL HAVE 6 BOLT PATTERNS AND POWDER COATED EPOXY WITH POLAR WHITE PAINT.
5. BREAK OFF CHECK VALVE. MAKE AND MODEL SHALL BE APPROVED BY THE UTILITIES DEPARTMENT.
6. TYPE 316 STAINLESS STEEL 5/8" HEX HEAD NUTS AND 3/4-11 HEX HEAD BOLTS NOT REQUIRED WITH CHECK VALVE INSTALLATION.
7. BRONZE TAPERED HYDRANT OUTLET CAP WITH BRASS THREADS. PLASTIC ARE STRICTLY PROHIBITED. CAPS AND OPERATING VALVE STEMS SHALL HAVE 13/16TH PENTAGONAL OPERATING NUT.
8. CONCRETE THRUST BLOCK PER STD 516-A.
9. THE TRACING WIRE SHALL BE ATTACHED OUTSIDE THE VALVE RISER AND 18" OF WIRE SHALL BE DROP INTO THE RISER FROM THE VALVE BOX.

GENERAL NOTES

1. ALL FLANGE BOLTS SHALL BE TYPE 316 STAINLESS STEEL COATED WITH ANTI-SEIZE COMPOUND (EXCEPT WHERE OTHERWISE NOTED).
2. PAINT FIRE HYDRANT WITH 2 COATS OF WHITE, RUSTOLEUM PAINT.
3. MAINTAIN 42" CLEARANCE WHERE HYDRANTS ARE PLACED ON NARROW SIDEWALKS.
4. ALL DUCTILE IRON FITTINGS SHALL BE ENCASED IN POLYETHYLENE WRAP PER AWWA STANDARD C105.

WET BARREL FIRE HYDRANT

CITY OF NEWPORT BEACH DEPARTMENT OF PUBLIC WORKS

DRAWN: M. ELIAS
DATE: 11/3/2020

APP. 
CITY ENGINEER
MCE

51568
11/24/2020

FORMER CITY STANDARD PLAN NUMBER (2004 EDITION): STD 500-L