



NOTES

1. HYDRANT: DRY BARREL PER AWWA C502. ADDITIONAL WATER SYSTEM REQUIREMENTS ARE SPECIFIED IN SECTION 33 12 19.
 - A. PROVIDE AT LEAST 1-CY OF SEWER ROCK AROUND DRAIN HOLE AT BASE OF HYDRANT. WRAP FABRIC OVER SEWER ROCK TO PREVENT SILTING.
 - B. APPLY NON-OXIDE GREASE TO ALL BURIED METAL SURFACES. WRAP WITH 8-MIL THICK POLYETHYLENE SHEET AND TAPE WRAP.
 - C. NOTIFY FIRE DEPARTMENT AS SOON AS HYDRANT IS PLACED IN SERVICE.
2. THRUST BLOCKS:
 - A. PRIOR TO POURING CONCRETE, WRAP PIPE SYSTEM WITH 8-MIL THICK PLASTIC SHEET TO PREVENT BONDING OF CONCRETE TO PIPE SYSTEM.
3. RAISE VALVE BOX TO GRADE WITH CONCRETE COLLAR AS PER TYPICAL STANDARD.
4. MATERIAL BRANDS ARE AS SHOWN, OR BY DISTRICT APPROVED EQUIVALENT.
5. MECHANICAL JOINT CONNECTIONS SHALL INCLUDE "GRIP RING".
6. INSPECTION: PRIOR TO BACKFILLING, SECURE INSPECTION OF INSTALLATION BY ENGINEER OR DISTRICT REPRESENTATIVE.
7. BACKFILL: PROVIDE AND PLACE PER DISTRICT STANDARD SECTION 31 05 13. COMPACT PER SECTION 31 23 26 TO A MODIFIED PROCTOR DENSITY OF 95 PERCENT OR GREATER. MAXIMUM LIFT THICKNESS IS 8 INCHES BEFORE COMPACTION.



FIRE HYDRANT ASSEMBLY

SDWD
STANDARD
DETAIL

FEBRUARY 2016

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