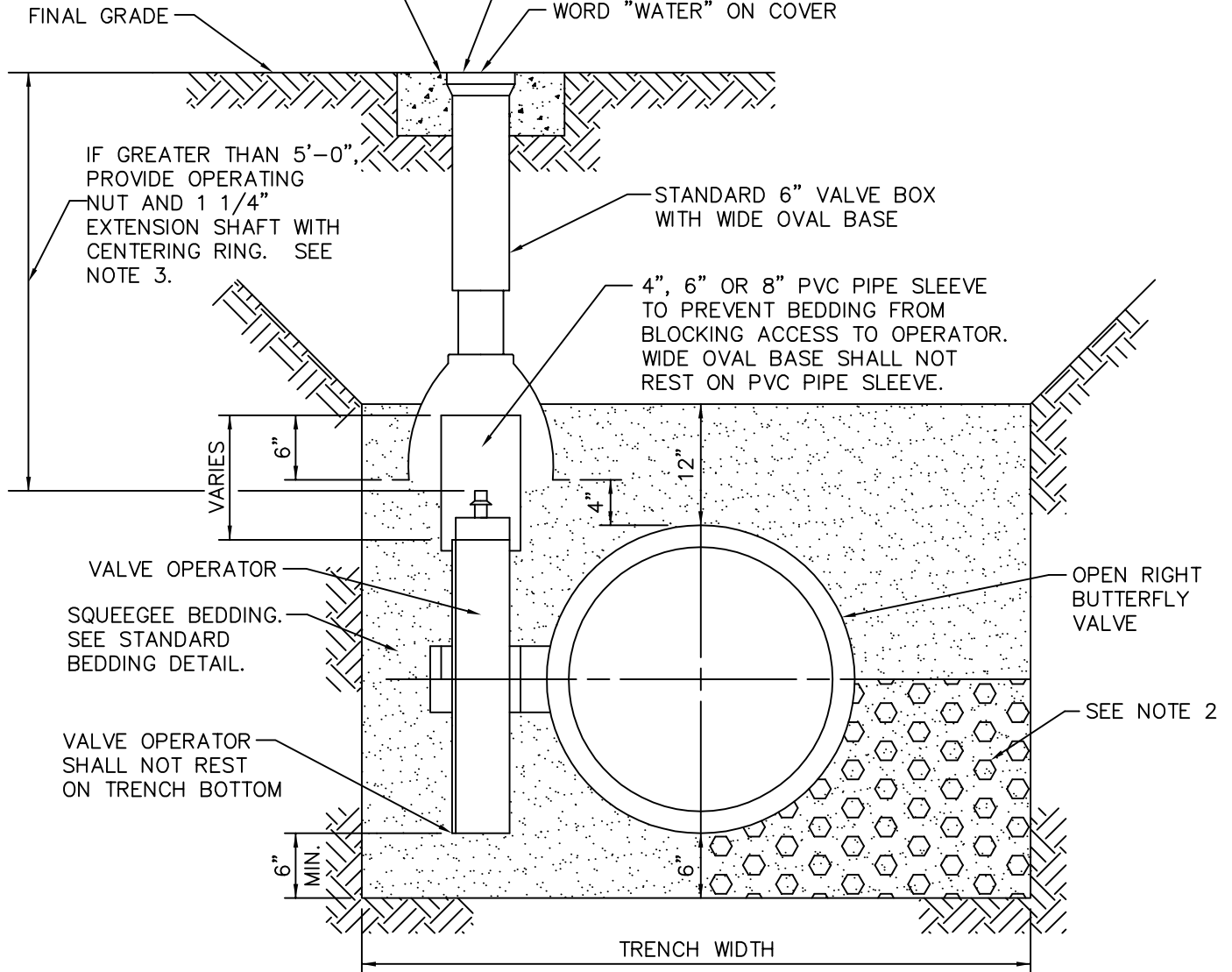


FOR VALVES INSTALLED OUTSIDE OF PAVEMENT, CONSTRUCT 18" SQ. x 6" THICK CONCRETE COLLAR AND SET 2" ABOVE GRADE.

FOR VALVES INSTALLED IN PAVEMENT, SET VALVE BOX TO GRADE REQUIRED BY CITY/COUNTY OR STATE AGENCY.



NOTES:

1. THIS DETAIL IS FOR BUTTERFLY VALVE INSTALLATIONS 20-INCHES IN DIAMETER OR SMALLER.
2. CARE SHALL BE TAKEN WHEN INSTALLING VALVES TO ASSURE PROPER SUPPORT OF THE VALVE. THE DISTRICT MAY REQUIRE 3/4" CRUSHED ROCK TO BE INSTALLED UNDER THE VALVE TO PROVIDE PROPER SUPPORT.
3. VALVES SHALL NOT BE PLACED IN CONCRETE CROSS PANS.
4. OPERATING NUTS SHALL NOT BE SET CLOSER THAN THREE (3) FEET TO FINAL GRADE OR DEEPER THAN FIVE (5) FEET FROM FINAL GRADE. OPERATOR EXTENSIONS SHALL BE CONNECTED TO VALVE OPERATOR USING SET SCREW.
5. BUTTERFLY VALVE AND OPERATOR SHALL BE POLYETHYLENE WRAPPED.
6. DIRECT BURY BUTTERFLY VALVES ARE ALLOWED ONLY OUTSIDE OF STREET RIGHTS-OF-WAY.

DIRECT BURY
BUTTERFLY VALVE