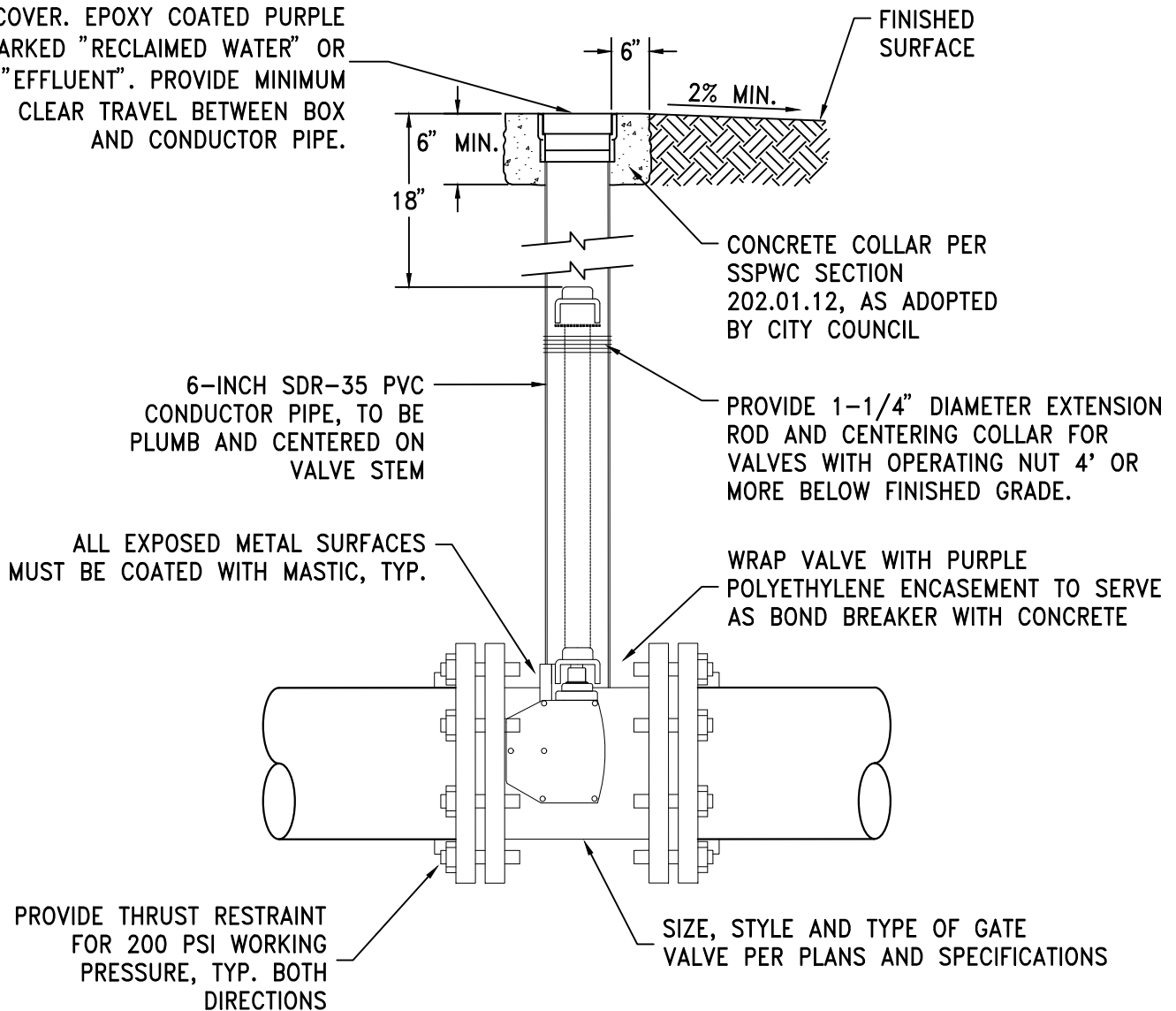


CAST IRON VALVE BOX AND COVER. EPOXY COATED PURPLE MARKED "RECLAIMED WATER" OR "EFFLUENT". PROVIDE MINIMUM 2" CLEAR TRAVEL BETWEEN BOX AND CONDUCTOR PIPE.



BUTTERFLY VALVES 14-INCH TO 30-INCH. ANSI OR AWWA C504, IRON BODY, FUSION BONDED EPOXY INTERIOR AND EXTERIOR COATING, RUBBER SEAT, MINIMUM 200 PSIG WORKING PRESSURE, PER THE FOLLOWING SPECIFICATIONS:

1. BODY - ASTM A126, CLASS B, CAST IRON, ANSI B16.1, FLANGE OR MECHANICAL JOINT PER PLAN. BODY SHALL INCLUDE INTERNAL CAST IN TRAVEL STOP TO PROVIDE POSITIVE DISC LOCATION.
2. DISC - ASTM A536, GRADE 65-45-12 DUCTILE IRON WITH AN 18-8 TYPE STAINLESS STEEL DISC EDGE.
3. SHAFT - SOLID 18-8 STAINLESS SEAL.
4. SEAT - EPDM OR BUNA N, FIELD REPLACEABLE, MECHANICALLY RETAINED IN THE VALVE BODY. PERMANENTLY ATTACHED OR VULCANIZED SEATS ARE NOT ACCEPTABLE.
5. BEARINGS - SELF-LUBRICATING, CORROSION RESISTANT, SLEEVE TYPE, DESIGNED FOR HORIZONTAL OR VERTICAL SHAFT LOADING.
6. PACKING - SELF-ADJUSTING, BI-DIRECTIONAL, SUITABLE FOR PRESSURE AND VACUUM SERVICE.
7. BUSHING - HEAVY-DUTY TOP BUSHING DESIGNED TO ABSORB SIDE THRUST LOADINGS.
8. OPERATORS - BURIED SERVICE GEAR OPERATOR, COUNTERCLOCKWISE TO OPEN. 2-INCH OPERATING NUT.

STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION

DRAWING No.



RECLAIMED WATER
BUTTERFLY VALVE

S-511

APPROVED BY: JE DATE: 1/2020