



## NOTES

1. BELL END UNIT SHALL BE CUT OFF.
2. VALVE BOX EXTENSIONS SHALL BE USED ONLY IF REQUIRED.
3. VALVE BOX SHALL BE ADEQUATELY BRACED WHILE BACK-FILLING AND MUST REMAIN PLUMB.
4. REFER TO CONSTRUCTION SPECIFICATIONS DIVISION 2 - SITE CONSTRUCTION SECTION 02511 WATERMAINS FOR PLACEMENT OF MARKER STAKES.
5. VALVE SHALL BE COMPLETELY BACKFILLED WITH 19 mm CRUSHER RUN LIMESTONE.
6. IF VALVE BOX IS LOCATED IN A GRAVEL AREA, A 1.0 m x 1.0 m x 50 mm ASPHALT COLLAR IS REQUIRED.
7. 12 GAUGE COPPER CORE SOLID STRAND TRACER WIRE SHALL BE INSTALLED OUTSIDE VALVE BOX AND BROUGHT INTO UPPER SECTION THROUGH 13 mm ROUND HOLE AND LOOPED AT TOP. LOOP SHALL BE MIN. 450 mm IN LENGTH.
8. CATHODIC PROTECTION, BONDING CABLE AND TRACER WIRE SHALL BE AS PER S-201.030, S-201.031.
9. PROVIDE ADDITIONAL SUPPORT AS RECOMMENDED BY ENGINEER.

ALL DIMENSIONS IN MILLIMETRES EXCEPT WHERE NOTED.



WORKS DEPARTMENT

## BUTTERFLY VALVE AND VALVE BOX (600 mm AND GREATER)

DWG. DATE: 1989 06

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REV. DATE: 2025 02

SCALE: N.T.S.

**S-220.020**