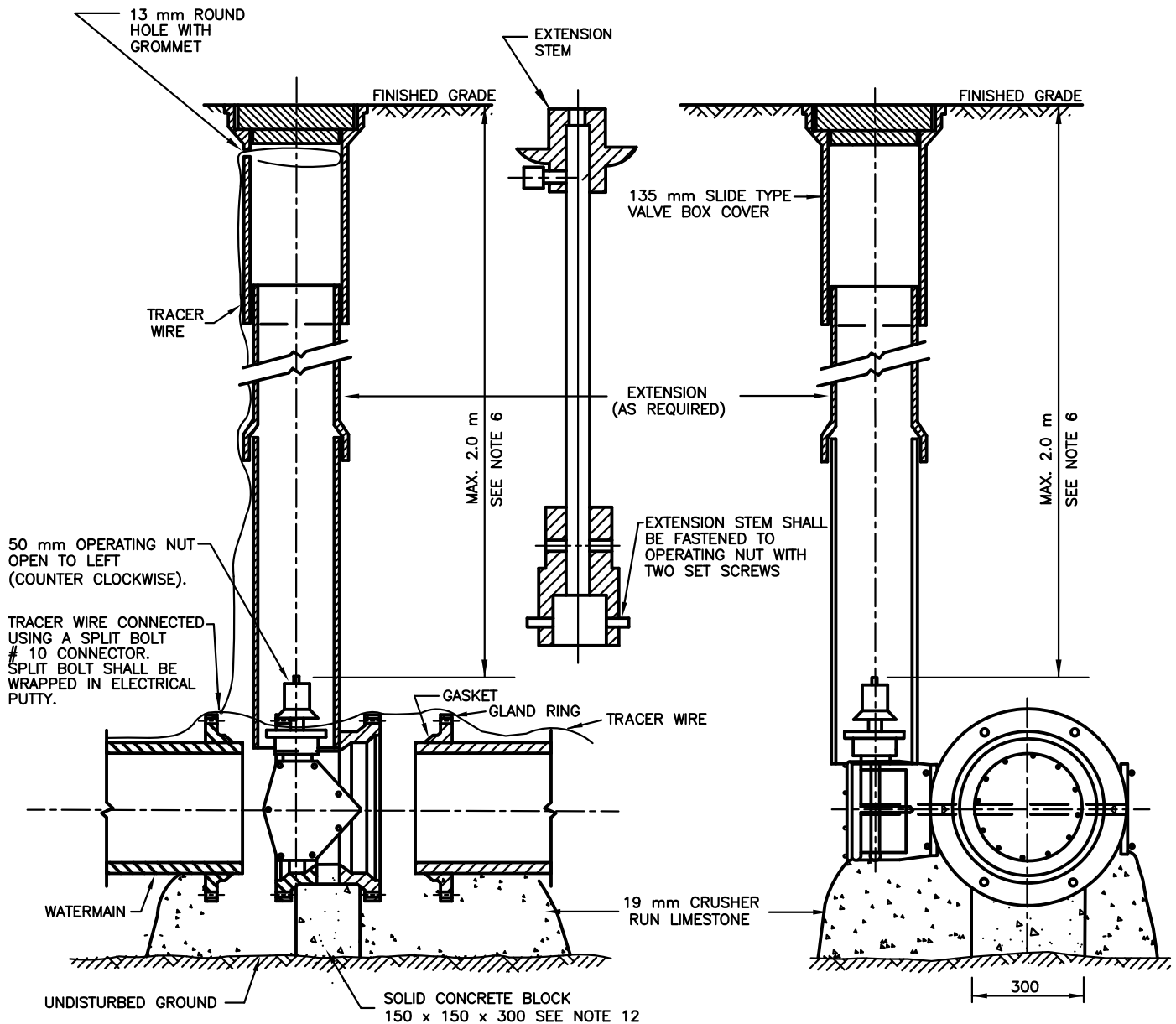


# SLIDE TYPE



## NOTES

1. BELL END OF LOWER VALVE BOX 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. WHEN THE DEPTH OF THE OPERATING NUT IS GREATER THAN 2.0 m BELOW FINISHED GRADE, AN EXTENSION STEM IS REQUIRED.
7. INLINE VALVES INSTALLED ON PVC WATERMAIN SHALL BE RESTRAINED AS PER S-200.060.
8. STEM AND VALVE BOX SHALL BE LOCATED ON THE BOULEVARD SIDE OF THE ROAD.
9. IF VALVE BOX IS LOCATED IN A GRAVEL AREA, A 1.0 m x 1.0 m x 50 mm ASPHALT COLLAR SHALL BE INSTALLED.
10. 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.
11. CATHODIC PROTECTION, BONDING CABLE AND TRACER WIRE SHALL BE AS PER S-201.030, S-201.031.
12. FOR WATERMAINS GREATER THAN 400 mm DIAMETER ADDITIONAL SUPPORT IS REQUIRED.

ALL DIMENSIONS IN MILLIMETRES EXCEPT WHERE NOTED.



WORKS DEPARTMENT

## BUTTERFLY VALVE AND VALVE BOX (OTHER THAN CPP WATERMAIN)

DWG. DATE: 1979 07

REVISION NO.: 11

REV. DATE: 2014 04

SCALE: N.T.S.

**S-220.030**