SLIDE TYPE **FINISHED** 13 mm ROUND HOLE WITH GROMMET 135 mm SLIDE TYPE VALVE BOX & COVER TRACER WIRE -MAX. 2.0 r SEE NOTE EXTENSION (AS REQUIRED) 50 mm OPERATING NUT OPEN TO LEFT GUIDE PLATE -NON-RISING STEM TRACER WIRE CONNECTED USING A SPLIT BOLT # 10 CONNECTOR. SPLIT BOLT SHALL BE WRAPPED IN ELECTRICAL RESTRAINED COUPLING FOR CPP WATERMAIN TRACER WIRE PUTTY. WATERMAIN ₹ 15 GASKET GLAND RING 5.4 kg ZINC ANODE SOLID CONCRETE BLOCK 150 300

NOTES

19 mm CRUSHER

RUN LIMESTONE

- VALVE BOX SHALL BE ADEQUATELY BRACED WHILE BACKFILLING AND MUST REMAIN PLUMB.
- VALVE BOX EXTENSION SHALL BE USED ONLY IF REQUIRED.
 REFER TO "STANDARD SPECIFICATIONS FOR THE CONSTRUCTION OF WATERMAINS" FOR PLACEMENT OF MARKER STAKES.

- 3. REFER TO "STANDARD SPECIFICATIONS FOR THE CONSTRUCTION OF WATERMAINS" FOR PLACEMENT OF MARKER STAKES.

 4. VALVE SHALL BE COMPLETELY BACKFILLED WITH 19 mm CRUSHER RUN LIMESTONE..

 5. ALL INLINE VALVES INSTALLED ON PVC WATERMAIN SHALL BE RESTRAINED AS PER S-200.060, UNLESS OTHERWISE NOTED.

 6. 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.

 7. TRACER WIRE COATED, 7 STRAND, 12 GAUGE COPPER CORE SOLID STRAND TW75, TWU75 OR RW90 XLPE WIRE RATED AT MINUS 40° C.

 8. TRACER WIRE SHALL BE INSTALLED OUTSIDE VALVE BOX AND BROUGHT INTO UPPER SECTION THROUGH 13 mm ROUND HOLE. LENGTH OF TRACER WIRE INSIDE VALVE BOX TO BE 450 mm MIN.

 9. TRACER WIRE SHALL BE INSTALLED IN ALL P.V.C. AND C.P.P. MAIN LINE VALVE BOXES.

 10. CATHODIC PROTECTION, BONDING CABLE AND TRACER WIRE SHALL BE AS PER S-201.030, S-201.031.

 11. BUTTERFLY VALVES ARE NOT PERMITTED.

150 mm x 150 mm x 300 mm

ALL DIMENSIONS IN MILLIMETRES EXCEPT WHERE NOTED



100 mm TO 400 mm GATE VALVE, VALVE BOX AND TRACER WIRE ARRANGEMENT FOR PVC OR CPP WATERMAIN DWG. DATE: 1991 11 REVISION NO.: 23 REV. DATE: 2025 02 SCALE: N.T.S.

S-220.010